

Sample Log

— Airborne Asbestos —

Client: RCS ENVIRONMENTAL Project: CLEVELAND, TRENCHER

Sampling Date: 9/9/11

Client Sample #	iATL #	Location/Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results mg/m ³ / y/c
090911-01	4436710				2 100	1440	2.65 <0.0020
090911-02	4436711				14 100	1440	18.6 0.0050
090911-03	4436712				10 100	1425	13.3 0.0036
090911-04	4436713				2 100	1716	2.65 <0.0016
090911-05	4436714				10 100	BLANK	1.33
/							

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)
 ** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible
 FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
 These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

SOF5

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 9/27/2011 Report Number: 253204 Project: Cleveland Trencher Project No.:
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PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436621	090211-06	PRS:Daniel Schillero#7861 SW UsingBobcatMovingDebrisIntoPiles	900	2.65	<0.0031
4436622	090211-07	EXC:Daniel Schillero#7861 SW UsingBobcatMovingDebrisIntoPiles	58	2.65	0.0480
4436623	090211-08	PRS:Rodney Warrens#2410 SW UsingWaterHoseKeepingDebrisWet	918	2.65	<0.0031
4436624	090211-09	EXC:Rodney Warrens#2410 SW UsingWaterHoseKeepingDebrisWet	60	2.65	<0.0470
4436625	090211-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments:

A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/26/2011
Date Analyzed: 9/27/2011
Analyst: B. Reich

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 9/27/2011 Report Number: 253204 Project: Cleveland Trencher Project No.:
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PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4436626	090611-06	EXC:Timothy Russell#4966 S.EndSeperatingDebrisUsingExcavator	62	2.65	<0.0450
4436627	090611-07	PRS:Timothy Russell#4966 S.EndLoadingTrackw/DebrisUsingExcavator	916	2.65	<0.0031
4436628	090611-08	EXC:Daniel Schillero#7861 Lining&SealingTrackw/PolyOnManualLifts	60	2.65	<0.0470
4436629	090611-09	PRS:Daniel Schillero#7861 Lining&SealingTrackw/PolyOnManualLifts	924	2.65	<0.0030
4436630	090611-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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PCM AIR SAMPLE ANALYSIS SUMMARY

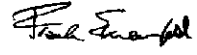
Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436631	090711-06	EXC:Rodney Warrens#2410 SW EndWetting DebrisBeingLoaded	60	2.65	<0.0470
4436632	090711-07	PRS:Rodney Warrens#2410 SW EndWetting DebrisBeingLoaded	358	2.65	<0.0078
4436633	090711-08	EXC:Daniel Schillero#7861 W.CenterLiningTrucks&SealingTruck	64	2.65	<0.0440
4436634	090711-09	PRS:Daniel Schillero#7861 W.CenterLiningTruck&SealingForDebris	358	2.65	<0.0078
4436635	090711-10	Field Blank	0	1.33	NA

Accreditation:	AIHA Registry Program, LLC	AIHA-LAP, LLC No. 100188
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Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/27/2011
		Report Number:	253204
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436636	083011-06	PRS:Daniel Schillero#7861 SW OfBldg.UsingBobcat	846	2.65	<0.0033
4436637	083011-07	EXC:Daniel Schillero#7861 SW OfBldg.UsingBobcatMovingDebris	72	2.65	<0.0390
4436638	083011-08	PRS:Rodney Warrens#2410 SW OfBldg.UsingWaterHose	848	2.65	<0.0033
4436639	083011-09	EXC:Rodney Warrens#2410 SW OfBldg.UsingWaterHose	62	2.65	<0.0450
4436640	083011-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

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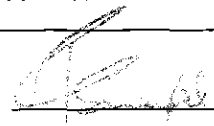
Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

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PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436641	083111-06	EXC:Daniel Schillero#7861 S.CenterBobcatMovingDebris	64	2.65	0.0440
4436642	083111-07	PRS:Daniel Schillero#7861 S.Center&CenterOutsideBobcat	893	2.65	<0.0031
4436643	083111-08	EXC:Scott Cline#1222 S.CenterUsingWaterHose	64	2.65	<0.0440
4436644	083111-09	PRS:Scott Cline#1222 S.CenterBldg,S.CenterOutside	894	2.65	<0.0031
4436645	083111-10	Field Blank	0	1.33	NA

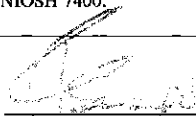
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Frank E. Ehrenfeld, III
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		Report Number:	253204
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436646	090111-06	PRS:Scott Cline#1222 S.EndOfSlabOnBobcatMovingDebris	826	2.65	<0.0034
4436647	090111-07	EXC:Scott Cline#1222 S.EndOfSlabOnBobcatMovingDebris	74	2.65	0.0380
4436648	090111-08	PRS:Daniel Schillero#7861 S.EndOfSlabUsingWaterHoseWettingDebris	830	2.65	<0.0034
4436649	090111-09	EXC:Daniel Schillero#7861 S.EndOfSlabUsingWaterHoseWettingDebris	62	2.65	<0.0450
4436650	090111-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436651	082911-07	PRS:Rodney Warrens#2410 NW RunningWaterHoseWetting	408	2.65	<0.0069
4436652	082911-08	EXC:Rodney Warrens#2410 NW RunningWaterHoseWetting	66	2.65	<0.0430
4436653	082911-09	PRS:Rodney Warrens#2410 NW RunningWaterHoseWetting	440	2.65	<0.0064
4436654	082911-10	PRS:Scott Cline#1222 NW Bldg. RunningBobcatMovingDebris	418	2.65	<0.0067
4436655	082911-11	EXC:Scott Cline#1222 NW Bldg. RunningBobcatMovingDebris	62	2.65	<0.0450
4436656	082911-12	PRS:Scott Cline#1222 NW Bldg. RunningBobcatMovingDebris	438	2.65	<0.0064
4436657	082911-13	Field Blank	0	1.33	NA

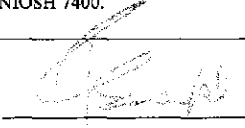
AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

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PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436658	090811-06	EXC:Rodney Warrens#2410 SW WettingDebrisBeingLoaded	62	2.65	<0.0450
4436659	090811-07	PRS:Rodney Warrens#2410 SW WettingDebrisBeingLoaded	878	2.65	<0.0032
4436660	090811-08	EXC:Daniel Schillero#7861 E.SideSealingLoadedTrucksOfDebris	64	2.65	<0.0440
4436661	090811-09	PRS:Daniel Schillero#7861 SE Sealing Loaded	882	2.65	<0.0032
4436662	090811-10	EXC:Derrick Wilhelm#6280 E.LiningTrucksForDebris	60	2.65	<0.0470
4436663	090811-11	PRS:Derrick Wilhelm#6280 E.LiningTrucksForDebris	878	2.65	<0.0032
4436664	090811-12	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4436665	090911-06	EXC:Rodney Warrens#2410 SW Wetting Debris	60	2.65	<0.0470
4436666	090911-07	PRS:Rodney Warrens#2410 SW Wetting Debris	950	2.65	<0.0030
4436667	090911-08	EXC:Daniel Schillero#7861 E.Lining&SealingTruckForLoadingDebris	62	2.65	<0.0450
4436668	090911-09	PRS:Daniel Schillero#7861 E.Lining&SealingTruckForLoadingDebris	946	2.65	<0.0030
4436669	090911-10	Field Blank	0	1.33	NA

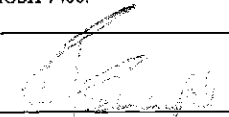
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 Frank E. Ehrenfeld, III
 Laboratory Director



9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

-Airborne Asbestos -

Contact Information	
Client Company: <u>RCS ENVIRONMENTAL</u>	Project Number: _____
Office Address: <u>2812 SHAKERCREST</u>	Project Name: <u>CLEVELAND TRENCHER</u>
City, State, Zip: <u>BEACHWOOD, OH 44122</u>	Primary Contact: <u>MIKE SCHMIDT</u>
Fax Number: _____	Office Phone: <u>216-378,0997</u>
Email Address: _____	Cell Phone: <u>SAME</u>
<u>RCSenvironmental@msn.com</u>	

Matrix/Method:
<input checked="" type="checkbox"/> PCM: NIOSH 7400
<input type="checkbox"/> PCM: OSHA ID-160
<input type="checkbox"/> TEM: NIOSH 7402
<input type="checkbox"/> TEM: AHERA 40 CFR 763
<input type="checkbox"/> TEM: ISO 10312
<input type="checkbox"/> TEM: ISO 13794
<input type="checkbox"/> Other _____
<p>Special Instructions: PLEASE ANALYZE ALL "POSITIVE" RESULTS (GREATER THAN 0.005 F/CC BY NIOSH 7402 TEM). DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 F/CC BECAUSE OF DETECTION LIMIT AND SMALL SAMPLE VOLUMES.</p> <div style="text-align: right; border: 1px solid black; border-radius: 50%; padding: 5px; display: inline-block; margin-top: 10px;">MS 9/23/11</div>

Turnaround Time	
Preliminary Results Requested Date: _____	<input type="checkbox"/> Verbal <input type="checkbox"/> Email <input type="checkbox"/> Fax
<input type="checkbox"/> 10 Day <input type="checkbox"/> 5 Day <input checked="" type="checkbox"/> 3 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 1 Day* <input type="checkbox"/> 12 Hour** <input type="checkbox"/> 6 Hour** <input type="checkbox"/> RUSH**	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block; font-size: 2em;">40</div>
<small>* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***</small>	

Chain of Custody	
Relinquished (Name/Organization): <u>[Signature]</u>	Date: <u>9/23/11</u> Time: <u>5pm</u>
Received (Name / iATL): _____	Date: _____ Time: _____
Sample Login (Name / iATL): <u>MS 9/23/11</u>	Date: _____ Time: _____
Analysis(Name(s) / iATL): <u>[Signature]</u>	Date: <u>9/27/11</u> Time: _____
QA/QC Review (Name / iATL): <u>[Signature]</u>	Date: _____ Time: _____
Archived / Released: _____ QA/QC InterLAB Use: _____	Date: _____ Time: _____

RECEIVED

 SEP 26 2011

Sample Log

—Airborne Asbestos—

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

Sampling Date: 9/2, 9/6, 9/7 2011

PERSONAL AIR SAMPLES

Client Sample #	iATL #	Location/Description	Flow Rate	Start End	Sampling time (min)	Ases (ft ²) Volume (L)	Results $\frac{\mu\text{g}}{\text{m}^3}$
✓ 090211-06	4436621				$\frac{2}{100}$ 900	2.65 <0.0031	
✓ 090211-07	4436622				$\frac{2}{100}$ 58	2.65 <0.048	
✓ 090211-08	4436623				$\frac{2}{100}$ 918	2.65 <0.0031	
✓ 090211-09	4436624				$\frac{2}{100}$ 60	2.65 <0.047	
✓ 090211-10	4436625				$\frac{1}{100}$ BLANK	1.33	
✓ 090611-06	4436626				$\frac{2}{100}$ 62	2.65 <0.045	
✓ 090611-07	4436627				$\frac{2}{100}$ 916	2.65 <0.0031	
✓ 090611-08	4436628				$\frac{2}{100}$ 60	2.65 <0.047	
✓ 090611-09	4436629				$\frac{2}{100}$ 924	2.65 <0.0030	
✓ 090611-10	4436630				$\frac{1}{100}$ BLANK	1.33	
✓ 090711-06	4436631				$\frac{2}{100}$ 60	2.65 <0.047	
✓ 090711-07	4436632				$\frac{2}{100}$ 358	2.65 <0.0078	
✓ 090711-08	4436633				$\frac{2}{100}$ 64	2.65 <0.044	
✓ 090711-09	4436634				$\frac{2}{100}$ 358	2.65 <0.0078	
✓ 090711-10	4436635				$\frac{1}{100}$ BLANK	1.33	

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

Sample Log

-Airborne Asbestos -

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

Sampling Date: 8/30, 8/31, 9/1 2011

PERSONAL AIR SAMPLES

Client Sample #	IATL #	Location/Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results /mmf /cc
✓ 083011-06	4436636				3/100	846	265 <0.0033
✓ 083011-07	4436637				3/100	72	265 <0.039
✓ 083011-08	4436638				3/100	848	265 <0.0033
✓ 083011-09	4436639				3/100	62	265 <0.045
✓ 083011-10	4436640				1/100	BLANK	1.33
✓ 083111-06	4436641				3/100	64	265 <0.044
✓ 083111-07	4436642				3/100	893	265 <0.0031
✓ 083111-08	4436643				3/100	64	265 <0.044
✓ 083111-09	4436644				3/100	894	265 <0.0031
✓ 083111-10	4436645				1/100	BLANK	1.33
✓ 090111-06	4436646				3/100	826	265 <0.0034
✓ 090111-07	4436647				3/100	74	265 <0.038
✓ 090111-08	4436648				3/100	830	265 <0.0034
✓ 090111-09	4436649				3/100	62	265 <0.045
✓ 090111-10	4436650				1/100	BLANK	1.33

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 ** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible
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Sample Log

—Airborne Asbestos—

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCH

Sampling Date: 8

PERSONAL AIR SAMPLES

Client Sample #	iATL #	Location/Description	Flow Rate	Start End	Sampling time (min)	Assay (mg) Volume (L)	µm ² Results ()	µcc
✓ 090811-06	4436658				2/700	62	2.65 <0.045	
✓ 090811-07	4436659				2/700	878	2.65 <0.0032	
✓ 090811-08	4436660				2/700	64	2.65 <0.044	
✓ 090811-09	4436661				2/700	882	2.65 <0.0032	
✓ 090811-10	4436662				2/700	60	2.65 <0.047	
✓ 090811-11	4436663				2/700	878	2.65 <0.0032	
✓ 090811-12	4436664				1/100	BLANK	1.33	
090911-06	4436665				2/700	60	2.65 <0.047	
090911-07	4436666				2/700	950	2.65 <0.0030	
090911-08	4436667				2/700	62	2.65 <0.045	
090911-09	4436668				2/700	946	2.65 <0.0030	
090911-10	4436669				1/100	BLANK	1.33	

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 9/22/2011 Report Number: 252852 Project: Cleveland Trencher Project No.:
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PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4432778	091211-01	Southwest @ West Gate	1230	2.65	<0.0023
4432779	091211-02	South Side Near Center	1230	2.65	<0.0023
4432780	091211-03	East Side Near Center	1236	2.65	<0.0023
4432781	091211-04	North End Of Decon Area By Decon Trailer	1604	2.65	<0.0018
4432782	091211-05	Field Blank	0	1.33	NA
4432783	091211-06	EXC:Scott Cline#1222 Lining&SealingDumpsters;SouthwestEnd	60	2.65	<0.0470
4432784	091211-07	PRS:Scott Cline#1222 SouthwestEnd;Lining&SealingDumpsters	836	2.65	<0.0034
4432785	091211-08	EXC:Rodney Warrens#2410 SouthwestEnd;WettingDebrisBeingLoaded	64	2.65	<0.0440
4432786	091211-09	PER:Rodney Warrens#2410 SouthwestEnd;WettingDebrisBeingLoaded	836	2.65	<0.0034


AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group	Report Date:	9/22/2011
	2812 Shakercrest Blvd	Report Number:	252852
	Beachwood OH 44122	Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4432787	091211-10	Field Blank	0	1.33	NA

Accreditation: **AIHA Registry Program, LLC** **AIHA-LAP, LLC No. 100188**
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Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/22/2011
		Report Number:	252852
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4432788	091311-01	Southwest @ West Gate	1290	2.65	<0.0022
4432789	091311-02	South Side Near Center	1272	2.65	<0.0022
4432790	091311-03	East Side Near Center	1257	4.64	<0.0022
4432791	091311-04	North End Of Decon Area By Decon Trailer	1612	2.65	<0.0017
4432792	091311-05	Field Blank	0	1.33	NA
4432793	091311-06	EXC:Timothy Russell#4966 South Center Excavator Loading Debris	60	2.65	<0.0470
4432794	091311-07	PER:Timothy Russell#4966 South Center Excavator Loading Debris	820	2.65	<0.0034
4432795	091311-08	EXC:Daniel Schillero#7861 SouthCenterLining&SealingDumpsterForDebris	62	2.65	<0.0450
4432796	091311-09	PER:Daniel Schillero#7861 SouthCenterLining&SealingDumpsterForDebris	812	2.65	<0.0035

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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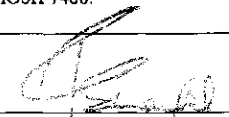
Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

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Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich

Approved By:


Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/22/2011
Report Number: 252852
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4432797	091311-10	Field Blank	0	1.33	NA

Accreditation: **AIHA Registry Program, LLC** **AIHA-LAP, LLC No. 100188**
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Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/22/2011
		Report Number:	252852
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4432798	091411-01	Southwest @ West Gate	1269	2.65	<0.0022
4432799	091411-02	South Side Near Center	1287	2.65	<0.0022
4432800	091411-03	East Side Near Center	1308	2.65	<0.0021
4432801	091411-04	North End Of Decon Area By Decon Trailer	1668	2.65	<0.0017
4432802	091411-05	Field Blank	0	1.33	NA
4432803	091411-06	EXC:Rodney Warrens#2410 Southwest Using Water Hose To Wet Debris	60	2.65	<0.0470
4432804	091411-07	PER:Rodney Warrens#2410 Southwest Using Water Hose To Wet Debris	752	2.65	<0.0037
4432805	091411-08	EXC:Scott Cline#1222 South Using Bobcat To Move Debris	60	2.65	<0.0470
4432806	091411-09	PER:Scott Cline#1222 S.UsingBobcatToMoveDebris,Scrap&P/ULeadPaint	752	5.31	<0.0037

AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

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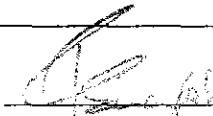
Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

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Date Received: 9/21/2011

Date Analyzed: 9/22/2011

Analyst: B. Reich

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group	Report Date:	9/22/2011
	2812 Shakercrest Blvd	Report Number:	252852
	Beachwood OH 44122	Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4432807	091411-10	Field Blank	0	1.33	NA

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

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Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 9/22/2011 Report Number: 252852 Project: Cleveland Trencher Project No.:
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PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4432808	091511-01	Southwest @ West Gate	1191	2.65	<0.0024
4432809	091511-02	Southwest Near South	1215	2.65	<0.0023
4432810	091511-03	East Side South End Of Building	1176	2.65	<0.0024
4432811	091511-04	North End Of Decon Area By Decon	1472	2.65	<0.0019
4432812	091511-05	Field Blank	0	1.33	NA
4432813	091511-06	EXC:Daryl Ramsdell#9531 North End Of Bldg.Glove Bagging	60	2.65	<0.0470
4432814	091511-07	PER:Daryl Ramsdell#9531 North,Center&SouthOf Bldg.GloveBagging	860	2.65	<0.0033
4432815	091511-08	EXC:Daniel Schillero#7861 South End Scrap Lead Paint	74	2.65	<0.0380
4432816	091511-09	PER:Daniel Schillero#7861 SouthEndScrapLeadPaint,Linc&ScalDumpster	850	2.65	<0.0033

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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Comments:

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Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group	Report Date:	9/22/2011
	2812 Shakercrest Blvd	Report Number:	252852
	Beachwood OH 44122	Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4432817	091511-10	Field Blank	0	1.33	NA

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Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 9/22/2011 Report Number: 252852 Project: Cleveland Trencher Project No.:
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PCM AIR SAMPLE ANALYSIS SUMMARY

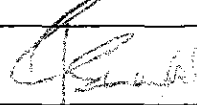
Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4432818	091611-01	South End West Side @ West Gate	1275	2.65	<0.0022
4432819	091611-02	South End Near Center	1311	2.65	<0.0021
4432820	091611-03	East End Near Center	1332	2.65	<0.0021
4432821	091611-04	North Side Of Decon Area	1724	2.65	<0.0016
4432822	091611-05	Field Blank	0	1.33	NA
4432823	091611-06	EXC:Timothy Russell#4966 S.End/S ExcavatorLoadingDebrisIntoDumpsters	72	2.65	<0.0390
4432824	091611-07	PER:Timothy Russell#4966 S.End/S ExcavatorLoadingDebrisIntoDumpsters	868	2.65	<0.0032
4432825	091611-08	EXC:Scott Cline#1222 SouthEndLining&SealingDumpstersOfDebris	74	2.65	<0.0380
4432826	091611-09	PER:Scott Cline#1222 SouthEndLining&SealingDumpstersOfDebris	868	2.65	<0.0032

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Date Received: 9/21/2011
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Analyst: B. Reich

Approved By: 
 Frank E. Ehrenfeld, III
 Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group	Report Date:	9/22/2011
	2812 Shakercrest Blvd	Report Number:	252852
	Beachwood OH 44122	Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4432827	091611-10	Field Blank	0	1.33	NA

Accreditation: **AIHA Registry Program, LLC** **AIHA-LAP, LLC No. 100188**
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Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich



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 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

-Airborne Asbestos -

Contact Information

Client Company: <u>RCS ENVIRONMENTAL</u>	Project Number: _____
Office Address: <u>2812 SHAKERCREST</u>	Project Name: <u>CLEVELAND TRENCHER</u>
City, State, Zip: <u>BEACHWOOD, OH 44122</u>	Primary Contact: <u>MIKE SCHMIDT</u>
Fax Number: _____	Office Phone: <u>216-378,0997</u>
Email Address: _____	Cell Phone: <u>SAME</u>

RCSenvironmental@msn.com

Matrix/Method:

- PCM: NIOSH 7400
- PCM: OSHA ID-160
- TEM: NIOSH 7402
- TEM: AHERA 40 CFR 763
- TEM: ISO 10312
- TEM: ISO 13794
- Other _____

Special Instructions: PLEASE ANALYZE ALL "POSITIVE" RESULTS
(GREATER THAN 0.005 f/cc BY NIOSH 7402(TEM)).
DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 f/cc BECAUSE
OF DETECTION LIMIT AND SMALL SAMPLE VOLUME

Turnaround Time

Preliminary Results Requested Date: _____ Verbal Email Fax

Specific date / time

10 Day 5 Day 3 Day 2 Day 1 Day* 12 Hour** 6 Hour** RUSH**

* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

Chain of Custody

Relinquished (Name/Organization): <u>MLK</u>	Date: <u>9/29/11</u> Time: _____
Received (Name / iATL): _____	Date: _____ Time: _____
Sample Login (Name / iATL): <u>02 9/29/11</u>	Date: _____ Time: _____
Analysis(Name(s) / iATL): <u>MLK</u>	Date: <u>9/22/11</u> Time: <u>2:1 2011</u>
QA/QC Review (Name / iATL): <u>MLK</u>	Date: _____ Time: _____
Archived / Released: _____ QA/QC InterLAB Use: _____	Date: _____ Time: _____

RECEIVED

IATL - 03

Sample Log

—Airborne Asbestos—

Client: Precision

Project: Cleveland Trencher

Sampling Date: 9/12 - 9/13

Client Sample #	iATL #	Location/Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	%mm ² Results ()	cc	cc
091211-01	4432778				2/100	1230	2.65 <0.0023		4.0002
091211-02	4432779				2/100	1233	2.65 <0.0023		
091211-03	4432780				2/100	1236	2.65 <0.0023		
091211-04	4432781				2/100	1604	2.65 <0.0018		
091211-05	4432782				1/100	NA	1.33		
091211-06	4432783				2/100	60	2.65 <0.047		
091211-07	4432784				2/100	836	2.65 <0.0034		
091211-08	4432785				2/100	64	2.65 <0.044		
091211-09	4432786				2/100	836	2.65 <0.0034		
091211-10	4432787				1/100	NA	1.33		
091311-01	4432788				2/100	1290	2.65 <0.0022		
091311-02	4432789				2/100	1272	2.65 <0.0022		
091311-03	4432790				35/100	1257	4.64 <0.0022		
091311-04	4432791				2/100	1612	2.65 <0.0017		
091311-05	4432792				1/100	NA	1.33		

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

Sample Log

– Airborne Asbestos –

Client: Precision

Project: Cleveland Trencher

Sampling Date: 9/10 - 9/14

Client Sample #	IATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	f/ft ² Results ()	f/ft ² /cc
091311-06	4432793				2/100	60	2.65 < 0.047	
091311-07	4432794				2/100	820	2.65 < 0.0034	
091311-08	4432795				2/100	62	2.65 < 0.045	
091311-09	4432796				2/100	812	2.65 < 0.0035	
091311-10	4432797				1/100	NA	1.33	/
091411-01	4432798				2/100	1269	2.65 < 0.0022	
091411-02	4432799				2/100	1287	2.65 < 0.0022	
091411-03	4432800				2/100	1308	2.65 < 0.0024	
091411-04	4432801				2/100	1668	2.65 < 0.0017	
091411-05	4432802				1/100	NA	1.33	/
091411-06	4432803				2/100	60	2.65 < 0.047	
091411-07	4432804				2/100	752	2.65 < 0.0037	
091411-08	4432805				2/100	60	2.65 < 0.047	
091411-09	4432806				4/100	752	5.31 < 0.0037	
091411-10	4432807				1/100	NA	1.33	/

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Sample Log

-Airborne Asbestos -

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/15-

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	$\frac{\mu\text{m}}{\text{min}}$ Results ()	$\frac{\mu\text{g}}{\text{cc}}$
091511-01	4432808				$\frac{2}{100}$	1191	2.65 < 0.0024	
091511-02	4432809				$\frac{2}{100}$	1215	2.65 < 0.0023	
091511-03	4432810				$\frac{2}{100}$	1176	2.65 < 0.0024	
091511-04	4432811				$\frac{2}{100}$	1472	2.65 < 0.0019	
091511-05	4432812				$\frac{1}{100}$	NA	1.33	/
091511-06	4432813				$\frac{2}{100}$	60	2.65 < 0.045	
091511-07	4432814				$\frac{2}{100}$	860	2.65 < 0.0033	
091511-08	4432815				$\frac{2}{100}$	74	2.65 < 0.038	
091511-09	4432816				$\frac{2}{100}$	850	2.65 < 0.0033	
091511-10	4432817				$\frac{1}{100}$	NA	1.33	/

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Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/16/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	$\frac{\mu\text{m}^2}{\text{cc}}$ Results ()
091611-01	4432818				$\frac{2}{100}$	1275	2.65 <0.0022
091611-02	4432819				$\frac{2}{100}$	1311	2.65 <0.0021
091611-03	4432820				$\frac{2}{100}$	1332	2.65 <0.0021
091611-04	4432821				$\frac{2}{100}$	1724	2.65 <0.0016
091611-05	4432822				$\frac{1}{100}$	NA	1.33 /
091611-06	4432823				$\frac{2}{100}$	72	2.65 <0.039
091611-07	4432824				$\frac{2}{100}$	868	2.65 <0.0032
091611-08	4432825				$\frac{2}{100}$	74	2.65 <0.038
091611-09	4432826				$\frac{2}{100}$	868	2.65 <0.0032
091611-10	4432827				$\frac{1}{100}$	NA	1.33 /

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CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/26/2011
		Report Number:	253171
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436142	091911-01	SW @ W.Gate	1197	2.65	<0.0023
4436143	091911-02	S.Side Center	1197	2.65	<0.0023
4436144	091911-03	E.Side Near Center	1164	2.65	<0.0024
4436145	091911-04	N.End Of Decon Area	1452	2.65	<0.0019
4436146	091911-05	Field Blank	0	1.33	NA
4436147	091911-06	EXC:Rodney Warrens#2410 NE CenterOutsideLine&SealDumpster	60	2.65	<0.0470
4436148	091911-07	PER:Rodney Warrens#2410 NE CenterOutsideLine&SealDumpster	824	2.65	<0.0034
4436149	091911-08	EXC:Scott Cline#1222 S.OldPaintShopScrapCleanUpPaintFrGrnd	62	2.65	<0.0450
4436150	091911-09	PER:Scott Cline#1222 S.&E.SideScrap/Paint/UseBobcatMovePile	826	2.65	<0.0034

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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This report shall not be reproduced except in full, without written approval of the laboratory.*

Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments:

A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/24/2011
Date Analyzed: 9/26/2011
Analyst: B. Reich

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/26/2011
		Report Number:	253171
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4436151	091911-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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Comments:

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Date Received: 9/24/2011

Date Analyzed: 9/26/2011

Analyst: B. Reich

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/26/2011
		Report Number:	253171
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436152	092011-01	SW @ W.Gate	1191	2.65	<0.0024
4436153	092011-02	S.Side Center	1194	2.65	<0.0024
4436154	092011-03	E.Side Near Center	1194	2.65	<0.0024
4436155	092011-04	North End of Decon Area	1520	2.65	<0.0018
4436156	092011-05	Field Blank	0	1.33	NA
4436157	092011-06	EXC:Scott Cline#1222 SE EndRem.OfTransformers	60	2.65	<0.0470
4436158	092011-07	PRS:Scott Cline#1222 SE Line&SealDumpsterS.EndW.Rem.Transite	788	2.65	<0.0036
4436159	092011-08	EXC:Timothy Russell#4966 SW InExcavatorRem.OfTransformers	60	2.65	<0.0450
4436160	092011-09	PRS:Timothy Russell#4966 SE LoadDebrisIntoDumpsters	788	2.65	<0.0036

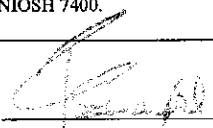
AIHA Registry Program, LLC AIHA-LAP, LLC No. 100188

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Date Received: 9/24/2011
Date Analyzed: 9/26/2011
Analyst: B. Reich

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group	Report Date:	9/26/2011
	2812 Shakercrest Blvd	Report Number:	253171
	Beachwood OH 44122	Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4436161	092011-10	Field Blank	0	1.33	NA

Accreditation: **AIHA Registry Program, LLC** **AIHA-LAP, LLC No. 100188**
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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

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Date Received: 9/24/2011
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CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/26/2011
		Report Number:	253171
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436162	092111-01	SW @ W.Gate	1164	2.65	<0.0024
4436163	092111-02	S.Near Center	1179	2.65	<0.0024
4436164	092111-03	E.Side Near Center	1182	2.65	<0.0024
4436165	092111-04	N.End Of Decon Area	1564	2.65	<0.0018
4436166	092111-05	Field Blank	0	1.33	NA
4436167	092111-06	EXC:Rodney Warrens#2410 SE WettingDebrisBeingLoaded	60	2.65	<0.0470
4436168	092111-07	PER:Rodney Warrens#2410 SE WettingDebrisBeingLoaded	848	2.65	<0.0033
4436169	092111-08	EXC:Daniel Schillero#7861 SE Line&SealingDumpsters	64	2.65	<0.0440
4436170	092111-09	PRS:Daniel Schillero#7861 SE Line&SealingDumpsters	846	2.65	<0.0033

AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

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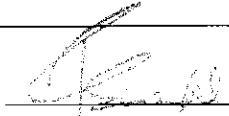
Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/24/2011

Date Analyzed: 9/26/2011

Analyst: B. Reich

Approved By: 

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group	Report Date:	9/26/2011
	2812 Shakercrest Blvd	Report Number:	253171
	Beachwood OH 44122	Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4436171	092111-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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Comments:

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Date Received: 9/24/2011
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CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/26/2011
		Report Number:	253171
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4436172	092211-01	SW @ W.Gate	1137	2.65	<0.0025
4436173	092211-02	S.End Near S.Center	1122	2.65	<0.0025
4436174	092211-03	E.Side Near Center	1140	2.65	<0.0025
4436175	092211-04	N.End Of Decon Area	1520	2.65	<0.0018
4436176	092211-05	Field Blank	0	1.33	NA
4436177	092211-06	EXC:Rodney Warrens#2410 S.SideCleanUpDebrisPillw/LeadPaint	60	2.65	<0.0470
4436178	092211-07	PRS:Rodney Warrens#2410 S.SideCleanUpDebrisS.EndKeepDebrisWetCleanM	836	2.65	<0.0034
4436179	092211-08	EXC:Daniel Schillero#7861 I/SBldg.S.OldMechRmCleaningFireProofing	60	2.65	<0.0450
4436180	092211-09	PRS:Daniel Schillero#7861 I/SBldg.S.OldMechRmCleaningFireProofing	836	2.65	<0.0034

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments:

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Date Received: 9/24/2011
Date Analyzed: 9/26/2011
Analyst: B. Reich

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	9/26/2011
		Report Number:	253171
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4436181	092211-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments:

A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/24/2011
Date Analyzed: 9/26/2011
Analyst: B. Reich

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 9/26/2011 Report Number: 253171 Project: Cleveland Trencher Project No.:
---	--

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4436182	092311-01	SW @ W.Gate	1203	2.65	<0.0023
4436183	092311-02	S.Side Near Center	1236	2.65	<0.0023
4436184	092311-03	E.Side Near Center	1239	2.65	<0.0023
4436185	092311-04	N.End Of Decon	1572	2.65	<0.0018
4436186	092311-05	Field Blank	0	1.33	NA
4436187	092311-06	EXC:Timothy Russell#4966 S.EndLoadDumpsterw/Debris	60	2.65	<0.0450
4436188	092311-07	PRS:Timothy Russell#4966 SW LoadDumpsterCleanUpRoofingDemoMetalBld	874	2.65	<0.0032
4436189	092311-08	EXC:Scott Cline#1222 SW Fireproofing Removal	62	2.65	<0.0450
4436190	092311-09	PRS:Scott Cline#1222 SW FireproofingRemovalCleaningOfBldg.	874	2.65	<0.0032

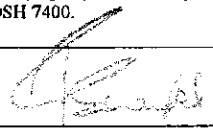
AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

Accreditation: *This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government*
This report shall not be reproduced except in full, without written approval of the laboratory.

Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

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Date Received: 9/24/2011
Date Analyzed: 9/26/2011
Analyst: B. Reich

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group	Report Date:	9/26/2011
	2812 Shakercrest Blvd	Report Number:	253171
	Beachwood OH 44122	Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4436191	092311-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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Date Received: 9/24/2011

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Analyst: B. Reich



9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

- Airborne Asbestos -

<u>Contact Information</u>	
Client Company: <u>RCS ENVIRONMENTAL</u>	Project Number: _____
Office Address: <u>2812 SHAKERCREST</u>	Project Name: <u>CLEVELAND TRENCHER</u>
City, State, Zip: <u>BEACHWOOD, OH 44122</u>	Primary Contact: <u>MIKE SCHMIDT</u>
Fax Number: _____	Office Phone: <u>216-378,0997</u>
Email Address: _____	Cell Phone: <u>SAME</u>
<u>RCSenvironmental@msn.com</u>	

<u>Matrix/Method:</u>	R E C E I V E D
<input checked="" type="checkbox"/> PCM: NIOSH 7400	<div style="font-size: 1.5em; font-weight: bold;">SEP 24 2011</div> <div style="font-size: 1.5em; font-weight: bold;">IATL - By <u>[Signature]</u></div>
<input type="checkbox"/> PCM: OSHA ID-160	
<input type="checkbox"/> TEM: NIOSH 7402	
<input type="checkbox"/> TEM: AHERA 40 CFR 763	
<input type="checkbox"/> TEM: ISO 10312	
<input type="checkbox"/> TEM: ISO 13794	
<input type="checkbox"/> Other _____	
<u>Special Instructions: PLEASE ANALYZE ALL "POSITIVE" RESULTS</u> <u>GREATER THAN 0.005 f/cc BY NIOSH 7402 (TEM).</u> <u>DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 f/cc BECAUSE</u> <u>OF DETECTION LIMIT AND SMALL SAMPLE VOLUME</u>	

<u>Turnaround Time</u>
Preliminary Results Requested Date: _____
<input type="checkbox"/> Verbal <input type="checkbox"/> Email <input type="checkbox"/> Fax <div style="font-size: 0.8em; margin-left: 20px;">Specific date / time</div> <input type="checkbox"/> 10 Day <input type="checkbox"/> 5 Day <input checked="" type="checkbox"/> 3 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 1 Day* <input type="checkbox"/> 12 Hour** <input type="checkbox"/> 6 Hour** <input type="checkbox"/> RUSH**
* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***

<u>Chain of Custody</u>	
Relinquished (Name/Organization): <u>[Signature]</u>	Date: <u>9/23/2011</u> Time: <u>1800</u>
Received (Name / iATL): _____	Date: _____ Time: _____
Sample Login (Name / iATL): <u>[Signature]</u>	Date: <u>9-24</u> Time: _____
Analysis(Name(s) / iATL): <u>[Signature]</u>	Date: <u>9/26/11</u> Time: _____
QA/QC Review (Name / iATL): <u>[Signature]</u>	Date: _____ Time: _____
Archived / Released: _____ QA/QC InterLAB Use: _____	Date: _____ Time: _____



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Sample Log

- Airborne Asbestos -

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/19/11 - 9/20/11

Client Sample #	IATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ()
091911-01	4436142				2 100	1197	2.65 <0.0023
091911-02	4436143				2 100	1197	2.65 <0.0023
091911-03	4436144				2 100	1164	2.65 <0.0024
091911-04	4436145				2 100	1452	2.65 <0.0019
091911-05	4436146				1 100	NA	1.33 /
091911-06	4436147				2 100	60	2.65 <0.0047
091911-07	4436148				2 100	824	2.65 <0.0034
091911-08	4436149				2 100	62	2.65 <0.0045
091911-09	4436150				2 100	826	2.65 <0.0034
091911-10	4436151				1 100	NA	1.33 /
092011-01	4436152				2 100	1191	2.65 <0.0024
092011-02	4436153				2 100	1194	2.65 <0.0024
092011-03	4436154				2 100	1194	2.65 <0.0024
092011-04	4436155				2 100	1520	2.65 <0.0018
092011-05	4436156				1 100	NA	1.33 /

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

Celebrating 25 Years...one sample at a time

JLLP-PRECISION000351



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Sample Log

—Airborne Asbestos—

Client: Precision Project: Cleveland Trencher
 Sampling Date: 9/20 - 9/21

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	$\frac{\mu\text{g}}{\text{m}^3}$ Results ()
092011-06	4436157				2 10	60	2.65 <0.047
092011-07	4436158				2 10	788	2.65 <0.0036
092011-08	4436159				2 10	60	2.65 <0.045
092011-09	4436160				2 10	788	2.65 <0.0036
092011-10	4436161				1 10	NA	1.33
092111-01	4436162				2 10	1164	2.65 <0.0024
092111-02	4436163				2 10	1179	2.65 <0.0024
092111-03	4436164				2 10	1182	2.65 <0.0024
092111-04	4436165				2 10	1564	2.65 <0.0018
092111-05	4436166				1 10	NA	1.33
092111-06	4436167				2 10	60	2.65 <0.047
092111-07	4436168				2 10	848	2.65 <0.0033
092111-08	4436169				2 10	64	2.65 <0.044
092111-09	4436170				2 10	846	2.65 <0.0033
092111-10	4436171				1 10	NA	1.33

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Sample Log

- Airborne Asbestos -

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/22 - 9/23

Client Sample #	iATL #	Location/Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results ()
092211-01	4436172				2	1137	2.65 < 0.0025
092211-02	4436173				2	1122	2.65 < 0.0025
092211-03	4436174				2	1140	2.65 < 0.0025
092211-04	4436175				2	1520	2.65 < 0.0018
092211-05	4436176				1	NA	1.33
092211-06	4436177				2	60	2.65 < 0.047
092211-07	4436178				2	836	2.65 < 0.0034
092211-08	4436179				2	60	2.65 < 0.045
092211-09	4436180				2	836	2.65 < 0.0034
092211-10	4436181				1	NA	1.33
092311-01	4436182				2	1203	2.65 < 0.0023
092311-02	4436183				2	1236	2.65 < 0.0023
092311-03	4436184				2	1239	2.65 < 0.0023
092311-04	4436185				2	1572	2.65 < 0.0018
092311-05	4436186				1	NA	1.33

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JLLP-PRECISION000353



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Sample Log

– Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 1/23

Client Sample #	IATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	µm/mz Results ()
092311-06	4436187				2 100	60	2.65 < 0.045
092311-07	4436188				2 100	874	2.65 < 0.0032
092311-08	4436189				2 100	62	2.65 < 0.045
092311-09	4436190				2 100	874	2.65 < 0.0032
092311-10	4436191				1 100	NA	1.33

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BATCH / SAMPLE MANAGEMENT REPORT

Customer No.: RCS486 **Batch Number:** 253171
Customer: RCS Environmental Group **Project:** Cleveland Trench
2812 Shakercrest Blvd
Beachwood OH 44122 **Project Number:**
Customer Rep: SC **TAT:** 3 Days
Date/Time Rec'd: 9/24/2011
of Samples: 50 **Analysis:** PCM **Time/Date Due:** 9/29/2011

Initials Signaling Acknowledgement RTP: _____ To PLM NOB _____ To TEM NOB _____

Special Instructions:

Admin Notes: rcsenvironmental@msn.com

Shipping Error:

- _____ Samples were not received in a sealed container. Bulk samples not double bagged.
- _____ Air Cassettes received open in bag... sample integrity compromised, possible contamination.
- _____ Samples received wet.
- _____ Samples received covered with dust... possible cross contamination.
- _____ Sample containers damaged, contents spilled... possible cross contamination.
- _____ Paperwork received in the same bag as samples possible contamination.
- _____ No / Incomplete Chain of Custody Received.
- _____ No / Incomplete Sample Log Received.
- _____ Sample container IDs do not match the client's sample log.
- _____ No Turnaround Time indicated.
- _____ PCM Re-prep for TEM NIOSH 7402. Cassettes previously opened and portion of filter removed.
- _____ Blank(s) not submitted as required by the requested analytical method.
- _____ Minimum shipping requirements not attained. See attached Carrier Air Bill.
- _____ Other: _____

Batch Error:

- _____ Wrong Client ID Listed:
- _____ Wrong Client Location Listed:
- _____ Wrong Project ID Listed:
- _____ Wrong TurnAround Time Listed:
- _____ Wrong Due Date Listed:
- _____ Wrong Date/Time Received Listed:
- _____ Wrong Analysis Method Listed:
- _____ Wrong Number of Samples Listed:

Login Error:

- _____ Sample Log Stamped Incorrectly:
- _____ Sample Containers Mislabeled:
- _____ Duplicate / Extra Samples Not Stamped:
- _____ Analyst Bench Sheet Error:

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 10/6/2011
Report Number: 254002
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4445127	092611-01	Perimeter SW @ W.Gate	1107	2.65	<0.0025
4445128	092611-02	Perimeter S.Side Center	1107	2.65	<0.0025
4445129	092611-03	Perimeter E.Side Near Center	1110	2.65	<0.0025
4445130	092611-04	Perimeter N.Side Of Decon Area	1448	2.65	<0.0019
4445131	092611-05	Field Blank	0	1.33	NA

Accreditation: **AIHA Registry Program, LLC** **AIHA-LAP, LLC No. 100188**
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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

Approved By: _____
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 10/6/2011
Report Number: 254002
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4445132	092611-06	EXC:Rodney Warrens#2410 S.Cleaning Metal	60	2.65	<0.0470
4445133	092611-07	PRS:Rodney Warrens#2410 S.Cleaning Metal/Wetting Debris	706	2.65	<0.0040
4445134	092611-08	EXC:Scott Cline#1222 N.CenterOfBldg./PressureWashingFloor	60	2.65	<0.0470
4445135	092611-09	PRS:Scott Cline#1222 N.CenterNEOfBldg.PressureWashingFloor	712	2.65	<0.0039
4445136	092611-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

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Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 10/6/2011
Report Number: 254002
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4445137	092711-01	Perimeter SW @ W.Gate	1347	2.65	<0.0021
4445138	092711-02	Perimeter S.Side Near Center	1326	2.65	<0.0021
4445139	092711-03	Perimeter E.Side Near Center	1323	2.65	<0.0021
4445140	092711-04	Perimeter N.End Of Decon Area	1684	2.65	<0.0017
4445141	092711-05	Field Blank	0	1.33	NA

Accreditation: **AIHA Registry Program, LLC** **AIHA-LAP, LLC No. 100188**
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Approved By: _____
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 10/6/2011 Report Number: 254002 Project: Cleveland Trencher Project No.:
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PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4445142	092711-06	EXC:Scott Cline#1222;S.End Line&SealLoadDumpstersRanBobcat	60	2.65	<0.0470
4445143	092711-07	PRS:Scott Cline#1222;S.End Line&SealLoadDumpstersRanBobcat	874	2.65	<0.0032
4445144	092711-08	EXC:Daniel Schillero#7861 NW In Bldg. Wash Floor	60	2.65	<0.0470
4445145	092711-09	PRS:Daniel Schillero#7861 NW In Bldg. Wash Floor	874	2.65	<0.0032
4445146	092711-10	EXC:James Omalley#1708 NW InBldg. RunSweeper/UseBobcat	90	2.65	<0.0310
4445147	092711-11	PRS:James Omalley#1708 NW InBldg. UseBobcatCleanFloor	1287	2.65	<0.0022
4445148	092711-12	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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		Report Number:	254002
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4445149	092811-01	Perimeter SW @ W.Gate	1296	2.65	<0.0022
4445150	092811-02	Perimeter S.Side Near Center Perimeter Concrete	1296	2.65	<0.0022
4445151	092811-03	Perimeter E.Side @ Fuel Pump	1290	2.65	<0.0022
4445152	092811-04	Perimeter N.End Of Decon Area	1620	2.65	<0.0017
4445153	092811-05	Perimeter Inside Bldg. Center E.Side	1326	2.65	<0.0021
4445154	092811-06	Field Blank	0	1.33	NA

AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

Accreditation: *This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government*

This report shall not be reproduced except in full, without written approval of the laboratory.

Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011

Date Analyzed: 10/6/2011

Analyst: B. Reich

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 10/6/2011 Report Number: 254002 Project: Cleveland Trencher Project No.:
---	--

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4445155	092811-07	EXC:Scott Cline#1222 S.End LineSealDumpster;LoadMoveDebris	30	2.65	<0.0940
4445156	092811-08	PRS:Scott Cline#1222;S.EndLine SealDumpster;MoveDebrisIntoPiles	840	2.65	<0.0033
4445157	092811-09	EXC:Pedro Castillo#3274 NS Inside Bldg.Clean Floor	31	2.65	<0.0910
4445158	092811-10	PRS:Pedro Castillo#3274 NS Inside Bldg.Clean Floor	842	2.65	<0.0033
4445159	092811-11	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

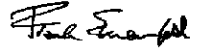
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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments:

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Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

Approved By: 
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	10/6/2011
		Report Number:	254002
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4445160	092911-01	Perimeter SW @ W.Gate	1296	2.65	<0.0022
4445161	092911-02	Perimeter S.Side Near Center	1284	2.65	<0.0022
4445162	092911-03	Perimeter E.Side At Fuel Pump	1260	2.65	<0.0022
4445163	092911-04	Perimeter N.End Of Decon Area	1620	2.65	<0.0017
4445164	092911-05	Field Blank	0	1.33	NA

AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011

Date Analyzed: 10/6/2011

Analyst: B. Reich

Approved By: _____
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 10/6/2011
Report Number: 254002
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4445165	092911-06	EXC:Scott Cline#1222 N.End Line Seal Dumpsters	62	2.65	<0.0450
4445166	092911-07	EXC:Scott Cline#1222 N.EndLineSealDumpstersUseBobcatMoveWater	852	2.65	<0.0033
4445167	092911-08	EXC:Israel Rojas#3715 S.End Wash Concrete	60	2.65	<0.0470
4445168	092911-09	PRS:Israel Rojas#3715 S.End Wash Concrete	852	2.65	<0.0033
4445169	092911-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments:

A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011

Date Analyzed: 10/6/2011

Analyst: B. Reich

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 10/6/2011
Report Number: 254002
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4445170	093011-01	Perimeter SW @ W.Gate	1137	2.65	<0.0025
4445171	093011-02	Perimeter S.Side Near Center	1146	2.65	<0.0025
4445172	093011-03	Perimeter E.Side @ Fuel Pump	1161	2.65	<0.0024
4445173	093011-04	Perimeter N.End Of Decon Area	1480	2.65	<0.0019
4445174	093011-05	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments:

A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 Fmm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011

Date Analyzed: 10/6/2011

Analyst: B. Reich

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 10/6/2011
Report Number: 254002
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4445175	093011-06	EXC:Scott Cline#1222 E.Side S.Line&SealDumpster	60	2.65	<0.0470
4445176	093011-07	PRS:Scott Cline#1222 E.Side S.CleanConcreteRunBobcat	810	2.65	<0.0035
4445177	093011-08	EXC:James Omalley#1708 SE CleanConcreteByHand	60	2.65	<0.0470
4445178	093011-09	PRS:James Omalley#1708 SE CleanConcreteUseBobcat&Brush	814	2.65	<0.0035
4445179	093011-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issuc 2, August 15, 1994

Comments:

A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

Approved By: _____
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date:	10/6/2011
		Report Number:	254002
		Project:	Cleveland Trencher
		Project No.:	

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4445180	100311-01	Perimeter Bldg. Center E. Side	1401	2.65	<0.0020
4445181	100311-02	Perimeter SE Center	1401	2.65	<0.0020
4445182	100311-03	Perimeter E. Side @ Fuel Pump	1404	2.65	<0.0020
4445183	100311-04	Perimeter N. End In Decon Area	1398	2.65	<0.0020
4445184	100311-05	Field Blank	0	1.33	NA

AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011

Date Analyzed: 10/6/2011

Analyst: B. Reich

Approved By: _____

Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 10/6/2011 Report Number: 254002 Project: Cleveland Trencher Project No.:
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PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm ³)	Concentration (Fibers/cc)
4445185	100311-06	EXC:Scott Cline#1222 DeconAreaCleaningByHand	60	2.65	<0.0470
4445186	100311-07	PRS:Scott Cline#1222 DeconAreaCleaning/HelpW/DrumInArea#2	914	2.65	<0.0031
4445187	100311-08	EXC:James Omalley#1708 DeconAreaCleaningUsingBobcat	60	2.65	<0.0470
4445188	100311-09	PRS:James Omalley#1708;DeconArea CleaningByHand&BobcatPressureWasher	916	2.65	<0.0031
4445189	100311-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC **AIHA-LAP, LLC No. 100188**

Accreditation: *This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government*
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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

Approved By: _____
Frank E. Ehrenfeld, III
Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	Report Date: 10/6/2011 Report Number: 254002 Project: Cleveland Trencher Project No.:
---	--

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4445190	100411-01	Perimeter Bldg. Center E. Side	1326	2.65	<0.0021
4445191	100411-02	Perimeter S. End Center	1326	2.65	<0.0021
4445192	100411-03	Perimeter E. Side @ Fuel Pump	1317	2.65	<0.0021
4445193	100411-04	Perimeter N. End In Decon Area	1332	2.65	<0.0021
4445194	100411-05	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments:

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Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

Approved By: _____
 Frank E. Ehrenfeld, III
 Laboratory Director

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 10/6/2011
Report Number: 254002
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	<u>Client No.</u>	<u>Description / Location</u>	<u>Volume (Liters)</u>	<u>Density (Fibers/mm³)</u>	<u>Concentration (Fibers/cc)</u>
4445195	100411-06	EXC:Scott Cline#1222 E.SideDeconAreaWorkingSouth	60	2.65	<0.0470
4445196	100411-07	PRS:Scott Cline#1222 NE Decon Area Cleaning	818	2.65	<0.0034
4445197	100411-08	Field Blank	0	1.33	NA

Accreditation: **AIHA Registry Program, LLC** **AIHA-LAP, LLC No. 100188**
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Analytical Method: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August 15, 1994

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/mm³. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

Approved By: _____
Frank E. Ehrenfeld, III
Laboratory Director



9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

- Airborne Asbestos -

<u>Contact Information</u>	
Client Company: <u>RCS ENVIRONMENTAL</u>	Project Number: _____
Office Address: <u>2812 SHAKERCREST</u>	Project Name: <u>CLEVELAND TRENCHER</u>
City, State, Zip: <u>BEACHWOOD, OH 44122</u>	Primary Contact: <u>MIKE SCHMIDT</u>
Fax Number: _____	Office Phone: <u>216-378,0997</u>
Email Address: _____	Cell Phone: <u>SAME</u>
<u>RCSenvironmental@msn.com</u>	

<u>Matrix/Method:</u>
<input checked="" type="checkbox"/> PCM: NIOSH 7400
<input type="checkbox"/> PCM: OSHA ID-160
<input type="checkbox"/> TEM: NIOSH 7402
<input type="checkbox"/> TEM: AHERA 40 CFR 763
<input type="checkbox"/> TEM: ISO 10312
<input type="checkbox"/> TEM: ISO 13794
<input type="checkbox"/> Other _____
<p>Special Instructions: <u>PLEASE ANALYZE ALL "POSITIVE" RESULTS</u> <u>(GREATER THAN 0.005 f/cc BY NIOSH 7402 (TEM)).</u> <u>DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 f/cc BECAUSE</u> <u>OF DETECTION LIMIT AND SMALL SAMPLE VOLUME</u></p>

<u>Turnaround Time</u>
Preliminary Results Requested Date: _____ <input type="checkbox"/> Verbal <input type="checkbox"/> Email <input type="checkbox"/> Fax 71
_____ <small>Specific date / time</small> <input type="checkbox"/> 10 Day <input type="checkbox"/> 5 Day <input checked="" type="checkbox"/> 3 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 1 Day* <input type="checkbox"/> 12 Hour** <input type="checkbox"/> 6 Hour** <input type="checkbox"/> RUSH**
<small>* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***</small>

<u>Chain of Custody</u>	
Relinquished (Name/Organization): <u>Mike</u>	Date: <u>10/4/2011</u> Time: <u>1800</u>
Received (Name / iATL): _____	Date: _____ Time: _____
Sample Login (Name / iATL): <u>20110101</u>	Date: <u>10/5/2011</u> Time: <u>5:20</u>
Analysis (Name(s) / iATL): _____	Date: <u>10/5/11</u> Time: _____
QA/QC Review (Name / iATL): <u>10-7-11</u>	Date: _____ Time: _____
Archived / Released: _____ QA/QC InterLAB Use: _____	Date: _____ Time: _____

RECEIVED
OCT 5 2011
IATL BY

Sample Log

– Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/26 - 9/27

Client Sample #	iATL #	Location/Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	Results
092611-01	4445127 ✓				7 2	1107	265 < 0.0025
092611-02	4445128 ✓				7 2	1107	265 < 0.0025
092611-03	4445129 ✓				7 2	1110	265 < 0.0025
092611-04	4445130 ✓				7 2	1448	265 < 0.0019
092611-05	4445131 ✓				7 1	NA	1.33 ✓
092611-06	4445132 ✓				7 2	60	265 < 0.047
092611-07	4445133 ✓				7 2	706	265 < 0.0040
092611-08	4445134 ✓				7 2	60	265 < 0.047
092611-09	4445135 ✓				7 2	712	265 < 0.0039
092611-10	4445136 ✓				7 1	NA	1.33 ✓
092711-01	4445137 ✓				7 2	1347	265 < 0.0021
092711-02	4445138 ✓				7 2	1326	265 < 0.0021
092711-03	4445139 ✓				7 2	1323	265 < 0.0021
092711-04	4445140 ✓				7 2	1684	265 < 0.0017
092711-05	4445141 ✓				7 1	NA	1.33 ✓

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

Sample Log

—Airborne Asbestos—

Client: Precision

Project: Cleveland Trencher

Sampling Date: 9/27 - 9/28

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	f/ mmf	Results /cc
092711-06	4445142 ✓				2/100	60	2.65	<0.047
092711-07	4445143 ✓				2/100	874	2.65	<0.0032
092711-08	4445144 ✓				2/100	60	2.65	<0.047
092711-09	4445145 ✓				2/100	874	2.65	<0.0032
092711-10	4445146 ✓				2/100	90	2.65	<0.031
092711-11	4445147 ✓				2/100	1287	2.65	<0.0022
092711-12	4445148 ✓				1/100	NA	1.33	✓
092811-01	4445149 ✓				2/100	1296	2.65	<0.0022
092811-02	4445150 ✓				2/100	1296	2.65	<0.0022
092811-03	4445151 ✓				2/100	1290	2.65	<0.0022
092811-04	4445152 ✓				2/100	1620	2.65	<0.0017
092811-05	4445153 ✓				2/100	1326	2.65	<0.0024
092711-06	4445154 ✓				1/100	NA	1.33	✓
092811-07	4445155 ✓				2/100	30	2.65	<0.094
092811-08	4445156 ✓				2/100	840	2.65	<0.0033

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

Sample Log

-Airborne Asbestos -

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/28 - 9/29

Client Sample #	IATL #	Location/Description	Flow Rate	Start End	Sampling time (min)	Area (ft ²) Volume (L)	f/ Results f/ mmm ² vcc
092811-09	4445157 ✓				2/100	31	2.65 < 0.091
092811-10	4445158 ✓				2/100	842	2.65 < 0.0033
092911-11	4445159 ✓				1/100	NA	1.33 ✓
092911-01	4445160 ✓				2/100	1296	2.65 < 0.0022
092911-02	4445161 ✓				2/100	1284	2.65 < 0.0022
092911-03	4445162 ✓				2/100	1260	2.65 < 0.0022
092911-04	4445163 ✓				2/100	1620	2.65 < 0.0017
092911-05	4445164 ✓				1/100	NA	1.33 ✓
092911-06	4445165 ✓				2/100	62	2.65 < 0.045
092911-07	4445166 ✓				2/100	852	2.65 < 0.0033
092911-08	4445167 ✓				2/100	60	2.65 < 0.047
092911-09	4445168 ✓				2/100	852	2.65 < 0.0033
092911-10	4445169 ✓				1/100	NA	1.33 ✓

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)
 ** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible
 FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
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9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

-Airborne Asbestos -

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/30 - 10/3

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results mg/m ³ / cc
093011-01	4445170 ✓				2/100	1137	2.65 <0.0025
093011-02	4445171 ✓				2/100	1146	2.65 <0.0025
093011-03	4445172 ✓				2/100	1161	2.65 <0.0024
093011-04	4445173 ✓				2/100	1480	2.65 <0.0019
093011-05	4445174 ✓				1/100	NA	1.33 ✓
093011-06	4445175 ✓				2/100	60	2.65 <0.047
093011-07	4445176 ✓				2/100	810	2.65 <0.0035
093011-08	4445177 ✓				2/100	60	2.65 <0.047
093011-09	4445178 ✓				2/100	814	2.65 <0.0035
093011-10	4445179 ✓				1/100	NA	1.33 ✓
100311-01	4445180 ✓				2/100	1401	2.65 <0.0020
100311-02	4445181 ✓				2/100	1401	2.65 <0.0020
100311-03	4445182 ✓				2/100	1404	2.65 <0.0020
10311-04	4445183 ✓				2/100	1398	2.65 <0.0020
10311-05	4445184 ✓				1/100	NA	1.33 ✓

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

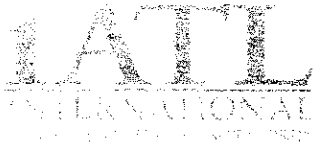
** = Insufficient Sample Provided to Analyze (<50mg) *** = Matrix / Substrate Interference Possible

FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

Customer 15 days - one sample at a time

JLLP-PRECISION000374



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 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Sample Log

-Airborne Asbestos -

Client: Precision

Project: Cleveland Trencher

Sampling Date: 10/3 - 10/4

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results mm ² /cc
100311-06	4445185 ✓				2/100	60	2.65 < 0.047
100311-07	4445186 ✓				2/100	914	2.65 < 0.0031
100311-08	4445187 ✓				2/100	60	2.65 < 0.047
100311-09	4445188 ✓				2/100	916	2.65 < 0.0031
100311-10	4445189 ✓				1/100	NA	1.33 ✓
100411-01	4445190 ✓				2/100	1326	2.65 < 0.0021
100411-02	4445191 ✓				2/100	1326	2.65 < 0.0021
100411-03	4445192 ✓				2/100	1317	2.65 < 0.0021
100411-04	4445193 ✓				2/100	1332	2.65 < 0.0021
100411-05	4445194 ✓				1/100	NA	1.33 ✓
100411-06	4445195				2/100	60	2.65 < 0.047
100411-07	4445196				2/100	818	2.65 < 0.0031
100411-08	4445197				1/100	NA	1.33 ✓

* = Insufficient Sample Provided to Perform QC Reanalysis (< 200mg)
 ** = Insufficient Sample Provided to Analyze (< 50mg) *** = Matrix / Substrate Interference Possible
 FB = Method Requires the submittal of blank(s). MI = Multi Layered Sample. May result in inconsistent results.
 These preliminary results are issued by iATL to expedite procedures by clients based upon the above data. iATL assumes that all of the sampling methods and data upon which these results are based, has been accurately supplied by the client. These results may not have been reviewed by the Laboratory Director. Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NJDEP conditions apply.

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3

SECTION 3

Daily Field Logs



**RCS Environmental
Group**

DATE: 8/23/2011
PROJECT: _____
FIELD REPORT No.: 1
PAGE 1

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS and Mike Schmidt of RCS, Kenny Yates and Redney Warrens on-site for Precision Env. Andrew Kiel of Weston Solutions for EPA
Weather 62°F Winds 5 MPH SE

0800 Mike Schmidt off site. Precision 2 workers unload equipment supplies and set up Decon area. Cecil Brannon setup background samples

1000 Precision is fixing the fencing around the property
Cecil Brannon of RCS and Andrew Kiel of Weston Solutions work the office building They sounded 9x9 floor and ceiling tile, 9x9 Ceiling & Brown Mastick glue also paper back on the floor throughout the building. They sound Pipe Insulation most about the ceiling in good condition.

1100 The 2 workers for Precision start sealing windows with Gylc tape & Poly on the 2nd floor of office building Start in the North West working East

1140 Precision Stop for lunch

1230 Precision are on 2nd floor office building Sealing windows

1445 Workers Clean up for end of shift

1530 Precision, Weston Solutions and RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: 



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/23/2011
 Client _____
 Project _____
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082311-01A	BGD			Westside of Property Southpass end of Build		
082311-02A	BGD			Westside of Property @ Westside Gate		
082311-03A	BGD			Southwest corner of Property		
082311-04A	BGD			South center of Property		
082311-05A	BGD			Eastside East of Property		
082311-06A	BGD			Northend inside Decan Area		
082311-07A	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082311-01A	20	2.0	2.0	2.0	0808	1449	401	802				
082311-02A	76	2.0	2.0	2.0	0810	1452	402	904				
082311-03A	49	2.0	2.0	2.0	0813	1455	402	804				
082311-04A	99	2.0	2.0	2.0	0819	1458	399	798				
082311-05A	87	2.0	2.0	2.0	0824	1500	396	792				
082311-06A	54	2.0	2.0	2.0	0832	1506	394	788				
082311-07A	NA	NA	NA	NA	NA							

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = hepa exhaust	EXC = excursion	FF = full face
FB = field blank	IWA = inside work area	P = powered
BC = ikgrou	DWA = work t	air pl
		SEP.

Comments _____

Sampled by Date 8/23/2011



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/23/2011
 Client _____
 Project _____
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
08232011-08	PRS	Rodney Warrens	2410	In Dicon Area Setup unlead Suppys		
08232011-09	EXC	Rodney Warrens	2410	2 nd Floor Office Building Sealing Window		
08232011-10	PRS	Rodney Warrens	2410	2 nd Floor Office Building Sealing Window		
08232011-11	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ² (Blank Corr)	LOQ FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
08232011-08	KY1	2.0	2.0	2.0	0848	11:39	171	342				
08232011-09	KY1	2.0	2.0	2.0	1230	1300	30	60				
08232011-10	KY1	2.0	2.0	2.0	1300	1445	105	210				
08232011-11	NA	NA	NA									

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	IWA = inside work area	GLBG = glovebag
Bl = blank	OWA = outside work area	WLO = waste load out
ckgro = check gross		HM = half mask
		FF = full face
		P = powered
		APR = air purifying resp.

Comments start work 0830, lunch 1130-1230 stop work 1445

Sampled by Cal Date 8/23/2011

JLLP-PRECISION000380

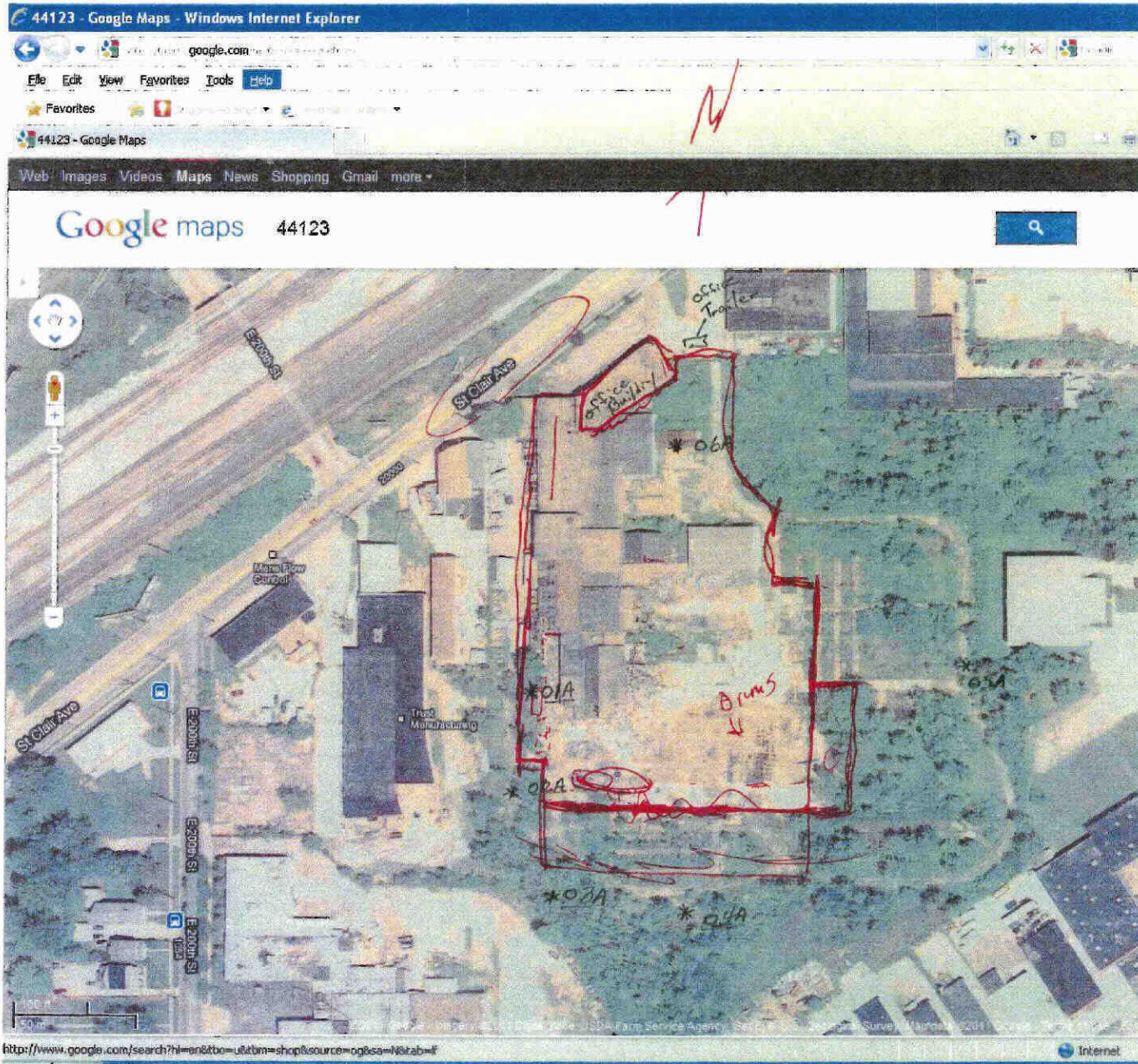
SEA Piscazzi Gary Thomas

8/23/2011

62° F SE Winds 5 MPH ↗

Setup equipment
Seal window 2nd floor office bank
6 Background Samples

JLLP-PRECISION000381



8/23/2011 62° F Winds SE 5 MPH Sunny all Day ↗



**RCS Environmental
Group**

DATE: 8/24/2011
 PROJECT: _____
 FIELD REPORT No.: 2
 PAGE 1

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yates and Rodney Warren on-site for Precision and Andrew Kiel on-site for Weston Solutions for the EPA
 Temp 64°F Rain Winds 6-18 MPH
 The 2 workers for Precision will be sealing window with Poly tape & Glue on the 2nd floor of Office building

0730 Rain has stopped

0800 Emily Wolf of Precision on-site to go over work with Kenny Yates

0800 Precision Delivery of trail under truck and other equipment

1100 Emily Wolf off-site Kenny Yates is using Bobcat to clean up area for cleaning (Deconing) Trucks for loading out debris (ACM) Rodney Warren on 2nd floor of Office building 2nd Floor Sealing Windows

1200 Precision Stop for Lunch Temp 80°F Winds SW at 16 MPH

1230 1 Worker will be on bobcat set up Decon area 1 Worker on 2nd floor of Office building sealing windows

1500 Cecil Brannon collect Background and personal samples

1530 Precision Weston Solution and RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: 



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/24/2011
 Client _____
 Project _____
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082411-01B	BGD			Westside of Property South Pass end of Bldg		
082411-02B	BGD			Westside of Property @ Westside Gate		
082411-03B	BGD			South West Corner of Property		
082411-04B	BGD			South Center of Property		
082411-05B	BGD			Eastside East of Property		
082411-06B	BGD			North end inside Decon Area		
082411-07B	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOQ FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082411-01B	20	2.0	2.0	2.0	0825	1452	387	774				
082411-02B	79	2.0	2.0	2.0	0830	1454	384	768				
082411-03B	99	2.0	2.0	2.0	0834	1455	381	762				
082411-04B	99	2.0	2.0	2.0	0839	1501	382	764				
082411-05B	87	2.0	2.0	2.0	0842	1506	384	762				
082411-06B	54	2.0	2.0	2.0	0850	1512	382	764				
082411-07B	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

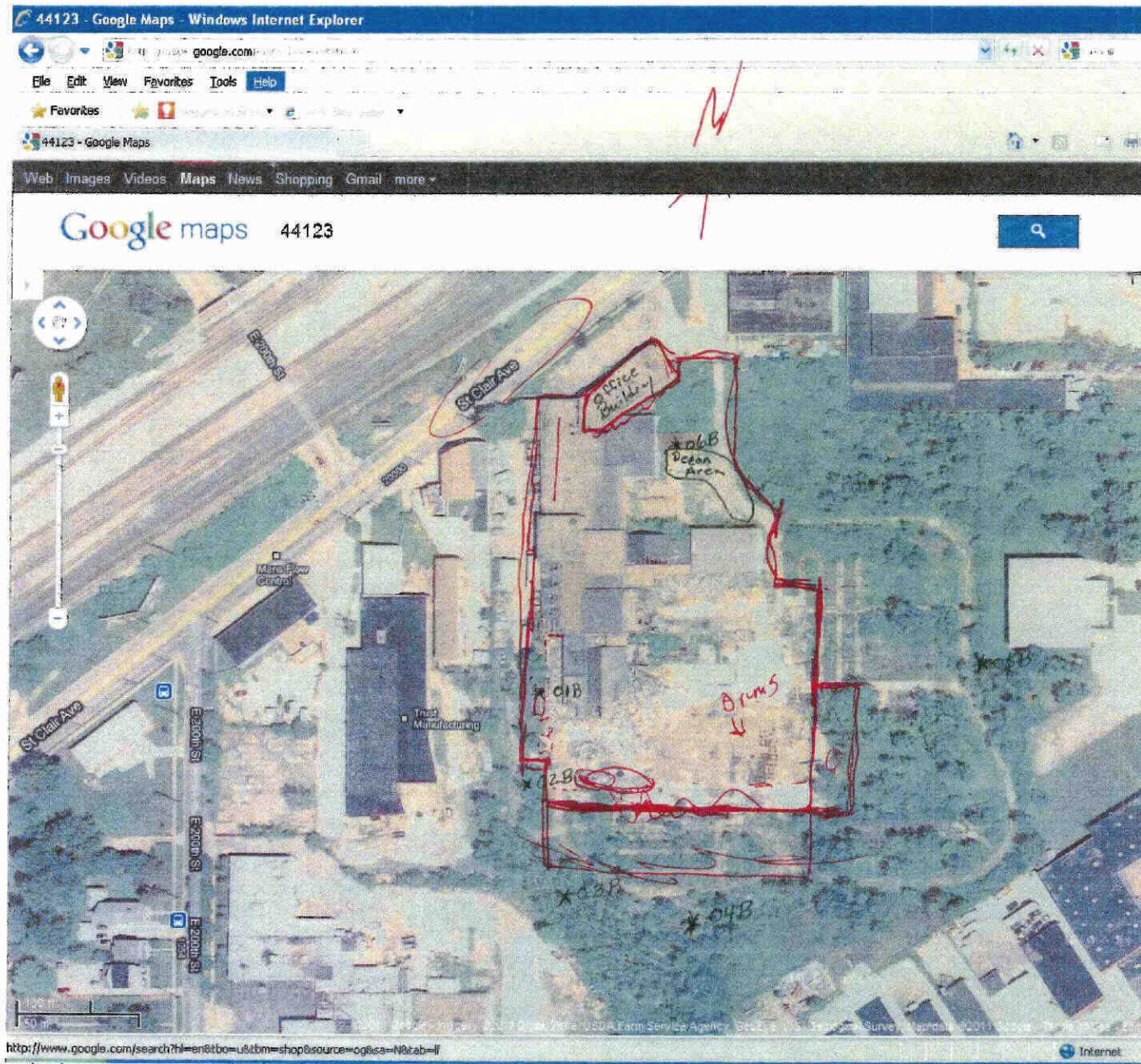
SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = hepa exhaust	EXC = excursion	FF = full face
FB = field blank	IWA = inside work area	P = powered
B = bkgr.	OWA = work area	= air pu.
		ISO.

Comments _____

Sampled by [Signature] Date 8/24/2011

JLLP-PRECISION000384

SCA Piscazzi Gary Thomas



8/24/2011 64°-85°F Wind SW 6-18MPH Rain Trun To Sunny

8/24/11
 0700 64°F Wind 6 with gust 18;
 1200 80°F Wind SW 16MPH
 Prep Office Building 2nd floor
 one worker
 Prep Decon Area
 6 Backgrounds B
 3 Personals

JLLP-PRECISION000385



ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

- 0700 Cecil Brannon on-site for RCS Kenny Yates and Rodney Warrens on-site for Precision and Andrew Kiel on-site with Weston Solutions. A storm came through over night some of the plywood covering the window in office building 2nd floor came loose Precision is re-seal window 1st.
* Temp 70°F Winds NW 12 MPH.
Worker is sealing window on 2nd floor of office building and worker is cutting plywood to cover opening in the 1st floor office building.
0800 Cecil Brannon of RCS setup background air samples throughout Precision received a supply delivery
1200 Precision stop work for lunch Temp 75° Winds W/NW 12 MPH
1230 Worker for Precision will be using plywood to seal up window on 1st floor of the office building and worker putting plywood over door opening on 1st floor of office building to secure and isolate work area from the office building.
Precision's electrician is on site to finish connecting electricity to the job theater.
1450 Cecil Brannon collect background sample
1500 Precision clean up for end of shift
1530 Precision and RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

- OWNER
CONTRACTOR
RCS OFFICE
FIELD OFFICE
LABORATORY

REPORTED BY: [Signature]



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/25/2011
 Client _____
 Project _____
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
8252011-09	PRS	Rodney Warrans	2410	office Building 2 nd Floor Sealing Windows	Prep	
8252011-10	PRS EXC	Rodney Warrans	2410	office Building 1 st Floor Sealing Windows	Prep	
8252011-11	PRS	Rodney Warrans	2410	office Building 1 st Floor Sealing Windows	Prep	
8252011-12	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
8252011-09	PO1	2.0	2.0	2.0	0724	1239	315	680				
8252011-10	PO1	2	2.0	2.0	1239	1309	30	60				
8252011-11	PO1	2	2.0	2.0	1309	1520	131	262				
8252011-12	NA	NA	NA		NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	IWA = inside work area	GLBG = glovebag waste
BG = kgrou	IWA = work a	
		HM = half mask
		PF = full face
		P = powered
		air pur
		sp.

Comments _____

Sampled by [Signature] Date 8/25/2011



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/25/2011
 Client _____
 Project _____
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082511-01A	BGD			Inside Building Southend of Center of standing Building		
082511-02A	BGD			Westside of Property @ Westside Gate		
082511-03A	BGD			Southend of Property Near Center of Southside		
082511-04A	BGD			Eastside in the Southend		
082511-05A	BGD			Eastside of Property Near Center of Eastside		
082511-06A	BGD			Southside of Decen Area		
082511-07A	BGD			Northend of Property East of office Building		
082511-08A	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOQ FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082511-01A	49	2.0	2.0	2.0	0817	1451	396	792				
082511-02A	20	2.0	2.0	2.0	0820	1454	394	788				
082511-03A	54	2.0	2.0	2.0	0826	1458	392	784				
082511-04A	99	2.0	2.0	2.0	0833	1459	386	772				
082511-05A	87	2.0	2.0	2.0	0837	1503	386	772				
082511-06A	79	2.0	2.0	2.0	0841	1505	384	768				
082511-07A	P02	2.0	2.0	2.0	0849	1509	380	760				
082511-08A	NA	NA	NA	NA	NA	NA	NA					

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = hepa exhaust	EXC = excursion	FF = full face
FB = field blank	IWA = inside work area	P = powered
Bl = blank	OWA = outside work area	air pr = air purifier
ckgr = check gross	work = work	app. = application

Comments _____

Sampled by [Signature] Date 8/25/2011

SEA Piscazzi Gary Thomas

8/25/2011

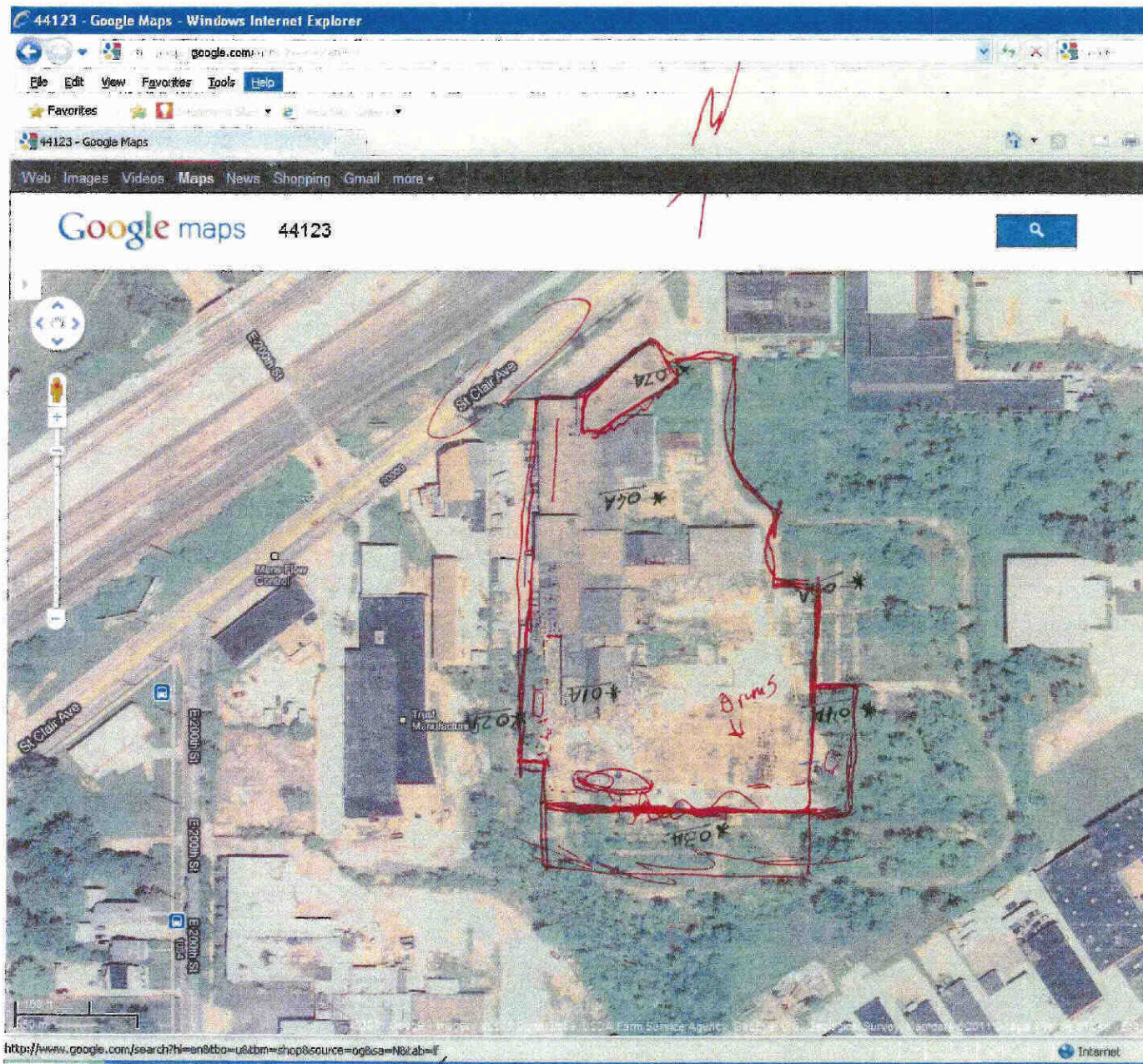
70°F Winds NW 12 MPH
75°F Winds NW 12 MPH

Sealup office Building
2nd + 1st floor Windows
and Doors

Background Air Samples
7 samples

Personal 3 samples

JLLP-PRECISION000389



<http://www.google.com/search?hl=en<b=us&tm=shop&source=og&sa=N&ab=I>

8/25/2011 70°F Winds NW 12mph Sunny



**RCS Environmental
Group**

DATE: 8/26/2011

PROJECT: _____

FIELD REPORT No.: 4

PAGE _____

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS, Kenny Yates and Rodney Warrens on-site for Precision and Andrew Kiel on-site with Weston Solutions. 1 Worker (Rodney Warren) is sealing window with Poly tape on 1st floor southeast of Office Building. 1 Worker (Kenny Yates) is working in Decon area unloading supplies and set up the area. Temp is 71°F Winds North 0 MPH. Overcast Cecil set Background + Personal samples

0900 Mike Samec of Cleveland EPA walk around with Kenny Yates of Precision

1000 Mike Samec of Cleveland EPA off-site No Problem Kenny Yates go back to set up Decon Area Rodney Warrens continue seal window 1st floor Eastside of Office building

1200 Lunch Temp 73°F Wind NE 7 mph.

1230 Rodney Warrens will be sealing window 1st floor Southside of Office building Kenny Yates will finish set up of water truck which will be use for keeping debris wet

1300 Kenny Yates is in the Bobcat moving the wood (Bld 18' x 20') out of the way in side the building after he made sure it was wet.

1350 Kenny Yates is done moving wood water truck is working continue set Decon Area Rodney Warrens is sealing window in south side of office building Cecil Brannon Res collect Background samples.

1530 Precision Weston Solutions and RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: 



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/26/2011
 Client _____
 Project Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082611-09	EXC	Rodney Warrens	2410	office Building 1 st floor Sealing Windows	Prep	
082611-10	PRS	Rodney Warrens	2410	office Building 1 st floor Sealing Windows	Prep	
082611-11	PRS	Rodney Warrens	2410	office Building 1 st floor Sealing Windows	Prep	
082611-12	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB, FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082611-09	P01	2.0	2.0	2.0	0729	0801	32	64				
082611-10	"	2.0	2.0	2.0	0801	1205	30 44	364				
082611-11	"	2.0	2.0	2.0	1208	1508	20 9508	206				
082611-12												

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = hepa exhaust	EXC = excursion	FF = full face
FB = field blank	WA = in the work area	P = powered
BG = background	WA = c... work an	... air pt... rep.
	REM = remove	
	CLN = clean-up	
	ALRG = glovebox waste	

Comments _____

Sampled by _____ Date _____

JLLP-PRECISION000391



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/26/2011
 Client _____
 Project _____
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
82611-01B	BGD			Inside Building Southend by Center of Standing Build		
82611-02B	BGD			Westside of Property @ Westside Gate		
82611-03B	BGD			Southend of Property Near Center of South		
82611-04B	BGD			Eastside in the Southend		
82611-05B	BGD			Eastside of Property Near Center of Eastside		
82611-06B	BGD			Southside of Deacon Area		
82611-07B	BGD			Northend of Property East of Office Building		
82611-08B	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOQ FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
82611-01B	49	2.0			0730	1335	365	730				
82611-02B	20	2.0			0732	1338	366	732				
082611-03B	54	2.0			0735	1340	365	730				
082611-04B	99	2.0			0737	1342	365	730				
082611-05B	87	2.0			0740	1344	364	728				
082611-06B	79	2.0			0744	1345	361	722				
082611-07B	P02	2.0			0747	1350	368	726				
082611-08B	NA											

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = hepa exhaust	EXC = excursion	FF = full face
FB = field blank	IWA = inside work area	P = powered
BC = bag	DWA = work	sp. = air pt
		waste

Comments _____

Sampled by _____ Date _____

SEA Piscazzi Gary Thomas

8/26/2011

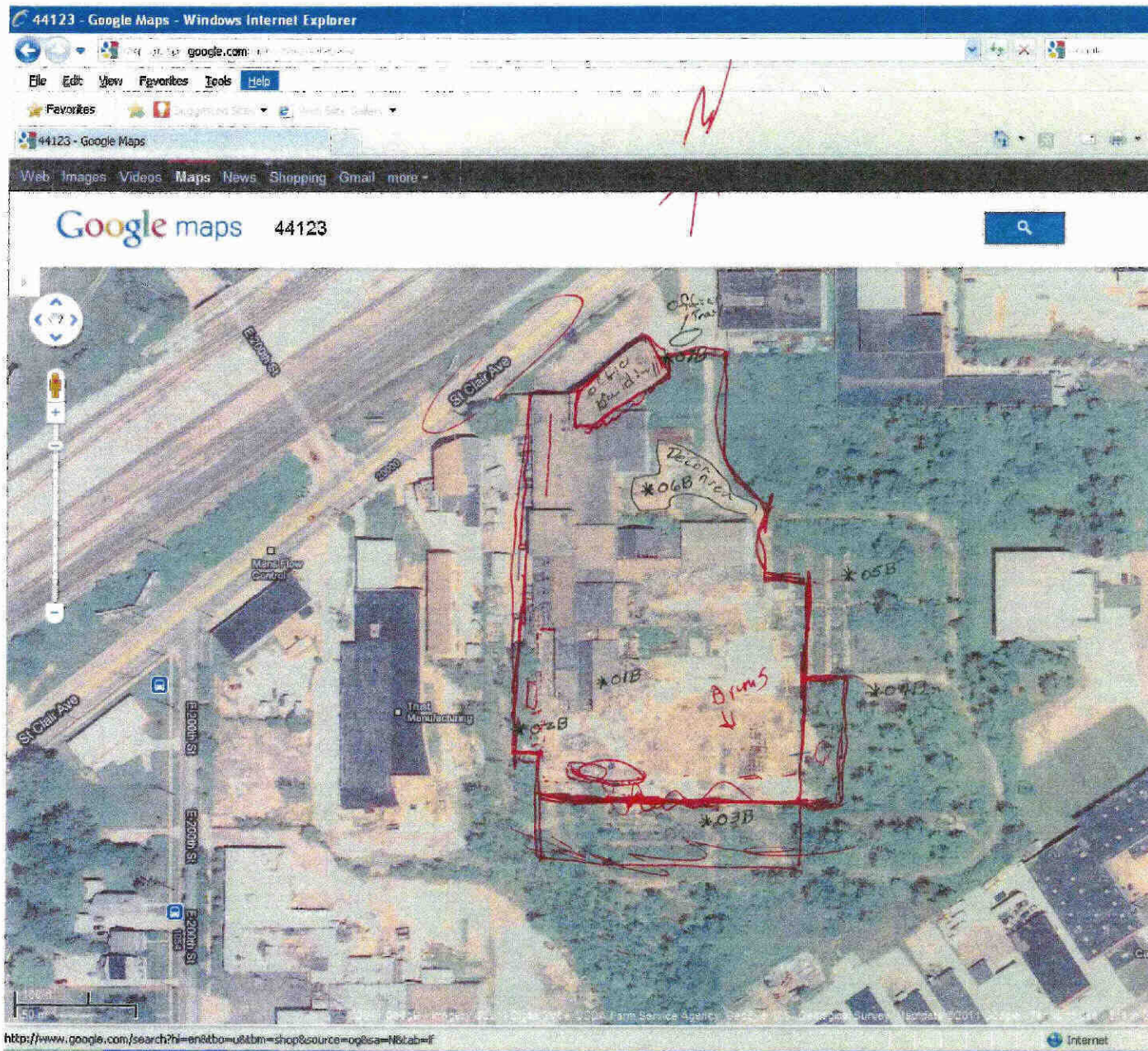
0700 71°F Winds N. 0MPH
1200 73°F Winds NE 7MPH

1 Worker Sealing Office Build
1 Worker Setup Water use
Bobcat to move wood in side Basi

Background Air Samples (B)
7 samples

Personal 3 Seal Office Building
1st floor

JLLP-PRECISION000393



8/26/2011 71°F Winds N. 0MPH Over East
73°F Winds NE 7MPH Sunny





RCS Environmental Group

DATE: 8/29/2011
 PROJECT: _____
 FIELD REPORT No.: 5
 PAGE 1

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yates on site with Precision with 3
 Workers Rodney, Scott Clive (1722) Daniel Schillevo (786) Andrew Kiel on site for
 Weston Solution Temp 57 North winds 0 mph
 Precision Work Today Use Bobcat to move Debris into pill and Balla form for the concrete
 slab of the Truck Decon. RCS site Air & Personal Samples.
 One worker inside Build on a badcat suit & Resp moving Debris (in the North west) to the
 center area of the Building One worker wearing suit & Resp is using water hole to keep the Debris
 Wet. 2 workers Build concrete forms for Truck Decon East side on Decon area
 1130 Precision Start Pouring Concrete for The Truck Decon. 2 Workers are suit up in the Northwest of
 the building 1 Worker using water hole to wet down the debris and 1 worker Bobcat moving Debris
 1200 Truck Temp 72 Winds NW 7 mph.
 1230 The two workers suit up continue wetting and moving debris into a pill.
 1530 Weston Solution Precision and RCS off site

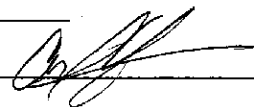
INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: 



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/29/2011
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082911-07	PRS	Rodney Warrens	2410	Northwest	running water hose withing	CLN HM
082911-08	EXC	Rodney Warrens	2410	Northwest	running water hose w. Air	CLN HM
082911-09	PRS	Rodney Warrens	2411	Northwest	running water hose withing	CLN HM
082911-10	PRS	Scott Cline	1222	Northwest Building	running Bobcat moving Debris	CLN HM
082911-11	EXC	Scott Cline	1222	Northwest of Building	recap Bobcat moving Debris	CLN HM
082911-12	PRS	Scott Cline	1222	Northwest of Building	running Bobcat moving Debris	CLN HM
082911-13	FB	NA	NA	Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ² (Blank Corr)	LOQ FIBERS/cm ²	FIBER/cm ² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082911-07	P01	2.0	2.0	2.0	0735	1059	204	408				
082911-08	P01	2.0	2.0	2.0	1132	1132	33	66				
082911-09	P01	2.0	2.0	2.0	1132	1510	220	440				
082911-10	P02	2.0	2.0	2.0	0732	1101	209	419				
082911-11	P02	2.0	2.0	2.0	1101	1132	31	62				
082911-12	P02	2.0	2.0	2.0	1132	1510	219	438				
082911-13	NA											

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = haps exhaust	EXC = excursion	CLN = clean-up
FB = field blank	IWA = inside work area	GLBG = glovebag
BGD = background	OWA = outside work area	WLO = waste load-out
		HM = half mask
		FF = full face
		P = powered
		APR = air purifying resp.

Comments Moved debris in Building

Sampled by Col H

Date 8/29/2011

Analyzed by _____

Date _____

JLLP-PRECISION000395



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/29/11
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082911-01	OWAPER			Westside South passed end of Building	CLN	HM
082911-02	OWAPER			Westside @ West Gate	CLN	HM
082911-03	OWAPER			South end of Property Near Center of South	CLN	HM
082911-04	OWAPER			Eastside of Property Near Center	CLN	HM
082911-05	OWAPER			Southside of Decon Area	CLN	HM
082911-06	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOQ FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082911-01		3.0	3.0	3.0	0741	1453	432	1294				
082911-02		3.0	3.0	3.0	0743	1459	431	1293				
082911-03		3.0	3.0	3.0	0749	1459	430	1290				
082911-04		3.0	3.0	3.0	0753	1458	425	1275				
082911-05		3.0	3.0	3.0	0735	1450	435	1305				
082911-06		NA	NA	NA	NA	NA	NA	NA				

PER = Perimeter

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	IWA = inside work area	GLBG = glovebag
OWAPER = outside work area	OWA = outside work area	WLO = waste load-out
		HM = half mask
		FF = full face
		P = powered
		APR = air purifying resp.

Comments Moving Debris inside Building

Sampled by [Signature]

Date 8/29/11

JLLP-PRECISION0000396

SCA Piscazzi Gary Thomas

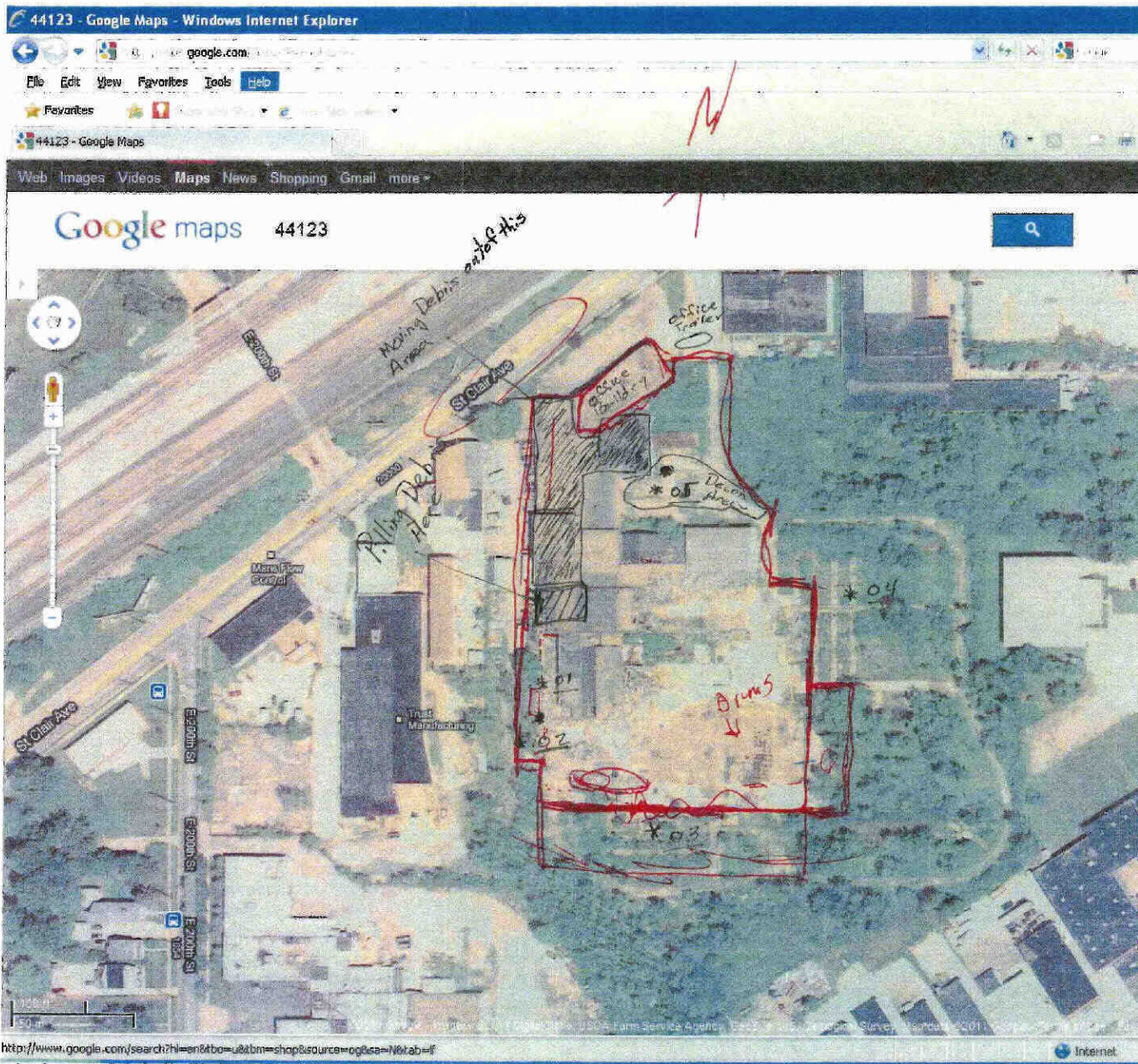
8/29/11

57-72 Ws; N@-NW mph

2 Worker Setup Truck Dec on
2 Worker inside NW Mouy Debris

5 area samples

6 Personal samples



http://www.google.com/search?hl=en&bo=us&bm=shop&source=og&sa=N&ab=if

8/29/2011 67°F North Wind 0 mph
72°F NW Wind 7 mph

JLLP-PRECISION000397



**RCS Environmental
Group**

DATE: 8/31/11
 PROJECT: _____
 FIELD REPORT No. 7
 PAGE _____

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kennyate for Precision With 4 Workers
 Work to finish Consolidate debris pills and finish sealing window of Office Building
 Andrew Kiel on-site with Weston Solutions
 Temp
 Cecil Brannon set Personal + Perimeters Air Samples Two Workers inside Building
 (Don Bobcat moving debris (Worker keeping it wet) (2) Workers working on Truck Decon
 (1) Worker Sealing window of Office Building
 0910 Chris Karas on-site for Enviro Serve to look @ and inventory Drums ect.
 Cecil Brannon Calibrate the Mine Rae 2000
 Chris Karas of Enviro Serve + Cecil Brannon Survey and use the Mine Rae
 to test Drums (1 Area 4 Drums in the Breathing Zone and @ open of the Drums
 The Reading was 0.00ppm.
 In Area (2) There is 110 Drums 27 Drums Had Readings at the opening
 from 0.00ppm - 100.00ppm The Breathing Zone Reading was 0.00ppm to 0.00ppm
 1200 Precision Stop for lunch
 1230 Precision is using Bobcat to move Debris into Pills The Cleveland EPA on-site
 1415 Enviro Serve @ Site
 1500 Cecil Brannon Collect Samples Precision Clean up for end of Shift.
 1530 Precision, Weston Solutions and RES @ Site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: 



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/31/2011
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
08311-01	Perimeter			Westside Southwest @ West Gate	CLN	HM
08311-02	Perimeter			Southend Center of South	CLN	HM
08311-03	Perimeter			Eastside Center	CLN	HM
08311-04	Perimeter			Northside of Decon Area	CLN	HM
08311-05	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIBLOS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
08311-01	49	3.0	3.0	3.0	0721	1456	455	1365				
08311-02	99	3.0	3.0	3.0	0725	1453	448	1344				
08311-03	97	3.0	3.0	3.0	0730	1449	439	1317				
08311-04	RCS-03	4.0	4.0	4.0	0859	1502	363	1452				
08311-05	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
PB = blank	VA = inside work area	GLV = glove box
BG = background	JWA = joint work area	WASTE = waste
		HM = half mask
		FF = full face
		P = powered
		AP = air purifying
		esp. = exp.

Comments Moving Debris Southeast outside

Sampled by [Signature] Date 8/31/2011

JLLP-PRECISION000399



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/31/2011
 Client Precision
 Project Cleveland Teacher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
083111-06	EXC	Daniel Schillero	7861	South center Bobcat moving Debris	CLN	HM
083111-07	PRS	Daniel Schillero	7861	South center + South Center outside Bobcat	CLN	HM
083111-08	EXC	Scott Cline	1222	South center King Water Hose	CLN	HM
083111-09	PRS	Scott Cline	1222	South Center Building South Center outside	CLN	HM
083111-10	FB	NA	NA	Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
083111-06	P01	2.0	2.0	2.0	0712	0744	32	64				
083111-07	P01	2.0	2.0	2.0	0744	1510	446	892				
083111-08	P02	2.0	2.0	2.0	0711	0743	36	64				
083111-09	P02	2.0	2.0	2.0	0743	1510	447	894				
083111-10	NA	NA	NA									

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	NA = in the work area	PF = full face
BGW = background	JWA = job work area	P = covered
		W = air p. esp.

Comments Moving Debris into Pills Southeast outside

Sampled by Col [Signature] Date 9/31/2011

JLLP-PRECISION000400

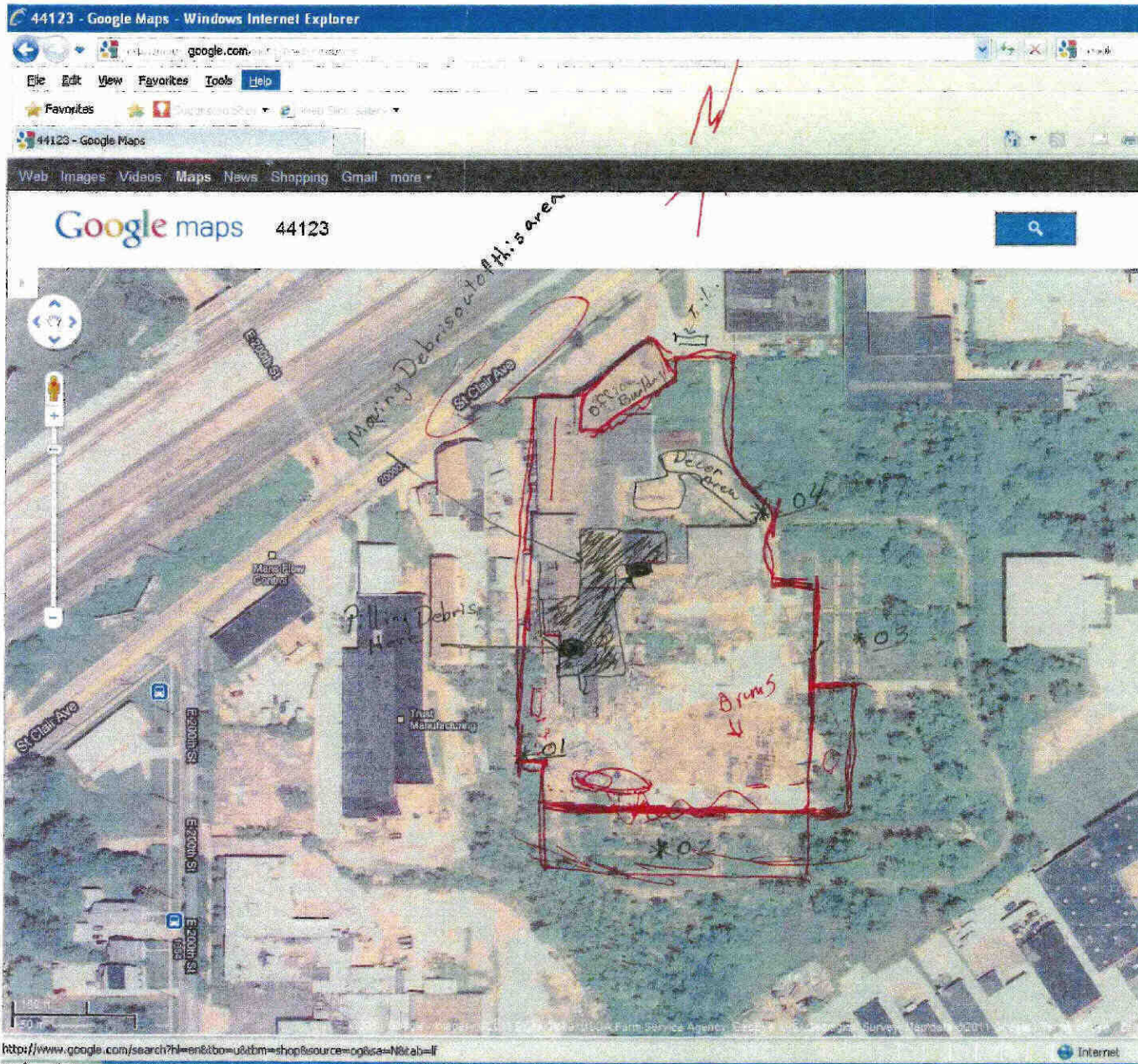
SCA Piscazzi Gary Thomas

8/30/11

Temp. 62° - 74°
SW 4-5 mph

(4 Perimeters) Samples
4 Personal

Moving Debris w Bobcat
4 Workers



http://www.google.com/search?hl=en&bo=us&tm=shop&source=og&sa=N&ab=lf

8/30/11 62° F Winds 4 mph SW - 74° F Winds 5 W 5 mph

JLLP-PRECISION000401



RCS Environmental Group

DATE: 8/30/11
PROJECT: Cleveland Trencher
FIELD REPORT No.: 4
PAGE

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yate on-site for Precision with 3 Workers
Work is to consolidate debris into pills and Weston Solution on-site.
Temp 62°F Winds SW 4 MPH
0900 Cecil Brannon site Air Samples and Personnel 3 Worker wearing junk suits & Hair
Reparators 1 Worker use water Hose from water truck to wet 2 Worker use Bobcat
To move debris in to Pills work is in Building Southwest
1200 Lunch
1200 Worker suit up enter work area to consolidate debris into pills
1 Worker Wetting Debris 2 use Bobcat to move debris into pills
1500 Cecil Brannon Collect Air Samples
1530 Precision Weston Solution and RCS off-site
Temp 74°F Winds SW 5 mph

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY:



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/30/11
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
083011-06	PRS	Daniel Schillero	7861	Southwest of Building Using Bobcat Hose	CLN	HM
083011-07	EXC	Daniel Schillero	7861	Southwest of Build Using Bobcat Moulded	CLN	HM
083011-08	PRS	Rodney Warrrens	2410	Southwest of Building Using Water Hose	CLN	HM
083011-09	EXC	Rodney Warrrens	2410	Southwest of Building Using Water Hose	CLN	HM
083011-10	FB	Field Blank		Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
083011-06	PO2	2.0	2.0	2.0	0729	1432	423	846				
083011-07	PO2	2.0	2.0	2.0	1432	1509	36	72				
083011-08	PO1	2.0	2.0	2.0	0731	1435	424	848				
083011-09	PO1	2.0	2.0	2.0	1435	1507	31	62				
083011-10	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = hepa exhaust	EXC = excursion	PF = full face
FB = field blank	WA = inside work area	P = powered
BC = background	AWA = outside work area	ESP = air purifier

Comments _____

Sampled by [Signature] Date 8/30/11



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 8/30/11
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
083011 01	Perimeter			Westside @ West Gate	CLN	HM
083011 02	Perimeter			Southside Near Center	CLN	HM
083011 03	Perimeter			Eastside Near Center	CLN	HM
083011 04	Perimeter			Southeast of Decon Area	CLN PP	HM
083011 05	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOQ FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
083011 - 01	49	3.0	3.0	3.0	0742	1457	435	1305 ¹³⁰⁵				
083011 - 02	99	3.0	3.0	3.0	0745	1500	435	1305				
083011 - 03	87	3.0	3.0	3.0	0748	1503	435	1305				
083011 - 04	79	3.0	3.0	3.0	0751	1505	434	1302				
083011 - 05	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	IWA = inside work area	GLBG = glovebag
BGD = background	OWA = outside work area	WLO = waste load-out
		PREP = site prep
		HM = half mask
		FF = full face
		P = powered
		APR = air purifying resp.
		SA = supplied air

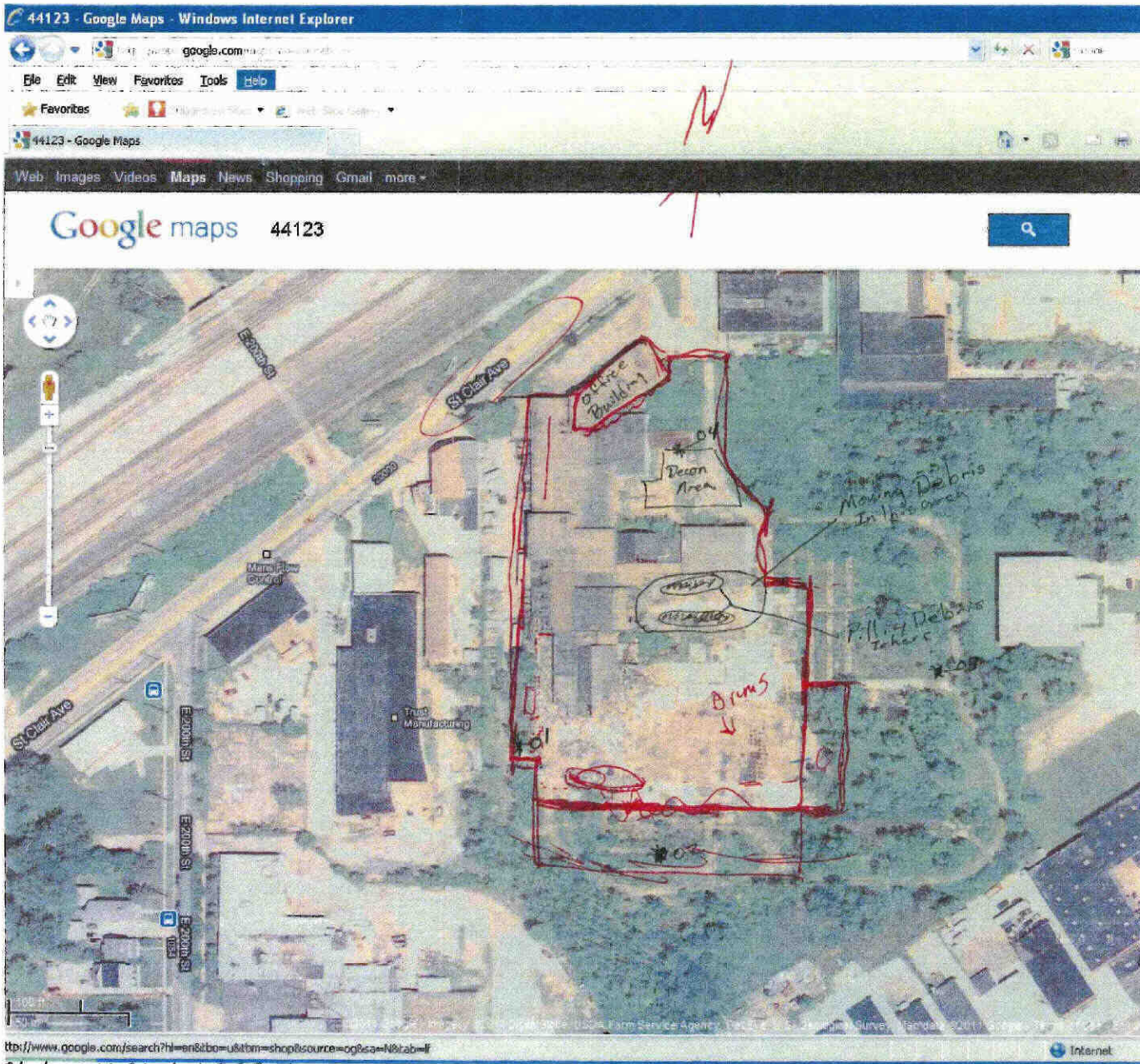
Comments _____

Sampled by Cent Date 8/30/11

Analyzed by _____ Date _____

JLLP-PRECISION000404

SCA Piscazzi (Gary Thomas)



8/31/2011
Temp 66°F - 84
SE 5-7 mph

(4 Perimeters) Samples
4 Personal
Moving Debris 2 Bobcats
Backhoe

5 Workers
Cleveland EPA on-site
EnviroServe on-site for Drums

http://www.google.com/search?hl=en&bo=us&tm=shop&source=og&sa=N&tab=f

7/31/2011 66°F Wind SE 5 mph
84°F Wind SE 7 mph





**RCS Environmental
Group**

DATE: 9/1/2011
 PROJECT: Precision Cleveland Trencher
 FIELD REPORT No.: 4
 PAGE

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yates ^{for} Precision with 4 workers work will be 1 worker finish Poling the window of Office Building 2 worker on Bobcat 1 worker on Backhoe moving debris into Pits in the south end of the site on the slab. 1 worker is using a water hose from a water truck to keep debris wet Western Solution is on site Temp 71° F Rain Wind SW @ 7mph

0900 Cecil Brannon set Air Samples

1100 Al Richerson of ODH on site meet with Kenny Yates go over Paperwork then walk the site with Precision RCS talk about the pascd of the site

1200 Precision stop for lunch

1300 Precision 4 worker suit up 1 worker on water hose 2 worker on Bobcats moving debris into Pits in the south end on the slab. 1 worker working on Truck Decon.

1330 Al Richerson of ODH off-site found NO Problem at this time but have Question on the debris in the south end Passed the partitioned work area.

1430 Cecil Brannon Collect Air Samples

1500 Work Shower out put away equipment

1520 RCS Precision and Western Solution off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: Cecil Brannon



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 9/1/2011
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090111-06	PRS	Scott Cline	1222	Southend of Slab on Bobcat moving debris	CLN	HM
090111-07	EXC	Scott Cline	1222	Southend of Slab on Bobcat moving debris	CLN	HM
090111-08	PRS	Daniel Schillero	7861	Southend of Slab using Water Hose with debris	CLN	HM
090111-09	EXC	Daniel Schillero	7861	Southend of Slab using Water Hose with debris	CLN	HM
090111-10	FB	NA	NA	Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOQ FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090111-06	P01	2.0	2.0	2.0	0738	1431	413	826				
090111-07	P01	2.0	2.0	2.0	1431	1508	37	74				
090111-08	P02	2.0	2.0	2.0	0740	1435	415	830				
090111-09	P02	2.0	2.0	2.0	1435	1506	31	62				
090111-10	NA	NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = haze exhaust	EXC = excursion	FF = full face
FB = Field Blank	W/A = inside work area	P = powered
BK = background	W/A = work area	resp. = respirator

Comments Moving Debris into Pits Southend of Slab

Sampled by Cal [Signature] Date 9/1/2011

JLLP-PRECISION000407



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 9/1/2011
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090111-01	Perimeter			Westside @ Gate	CLN	HM
090111-02	Perimeter			South end Center of South	CLN	HM
090111-03	Perimeter			Eastside Center	CLN	HM
090111-04	Perimeter			North side of Decor Area	CLN	HM
090111-05	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ² (Blank Corr)	LOG FIBERS/cm ²	FIBER/cm ² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090111-01	49	3.0	3.0	3.0	0901	1449	407	1221				
090111-02	97	3.0	3.0	3.0	0905	1450	405	1215				
090111-03	76	3.0	3.0	3.0	0919	1454	402	1206				
090111-04	RCS-03	4.0	4.0	4.0	0920	1500	400	1600				
090111-05		NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

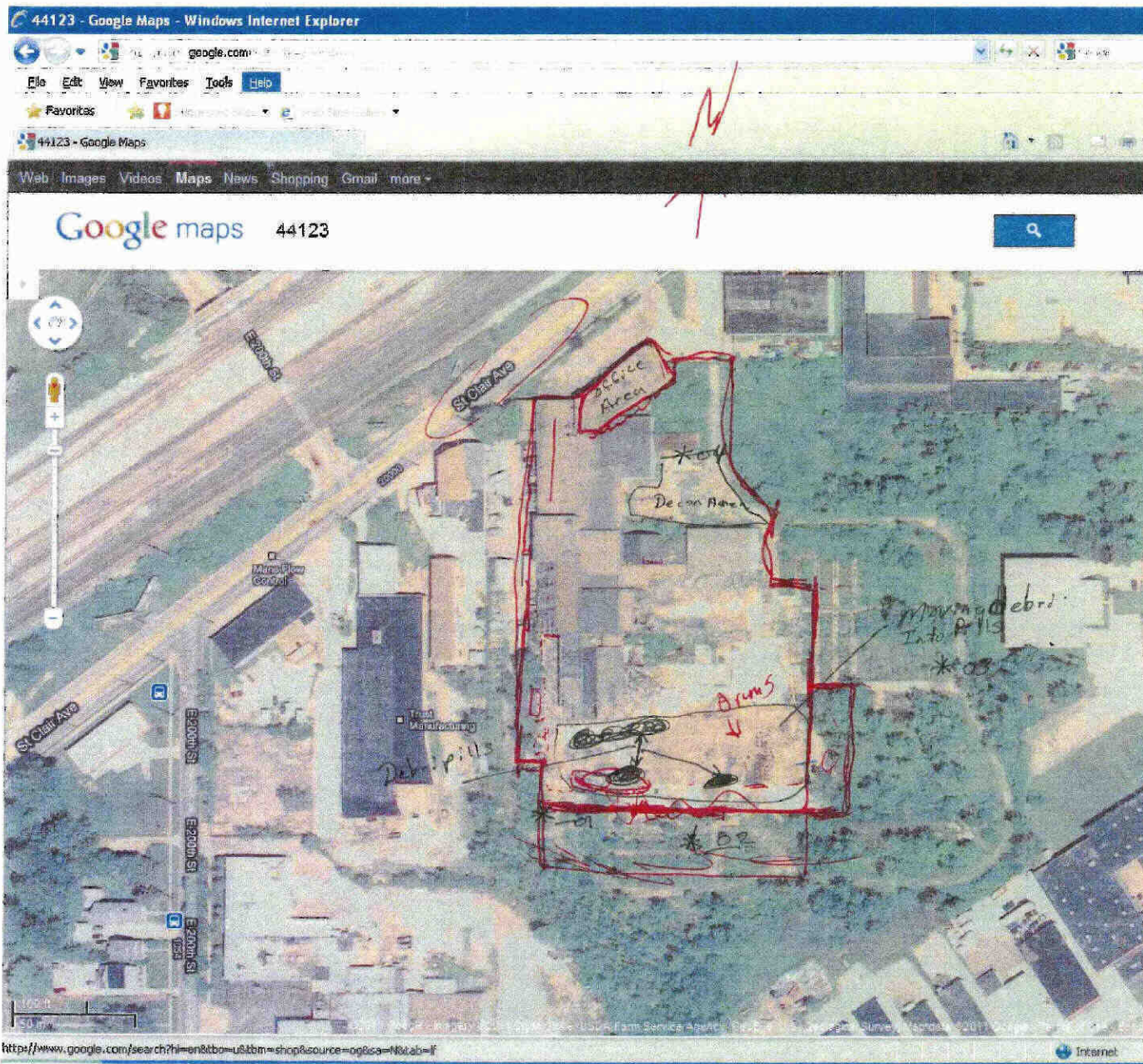
SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = blank	NA = in work area	GLV = glove
BGU = background	JWA = waste work area	WST = waste
		HM = half mask
		PF = full face
		POW = powered
		APP = air purifier
		ESP = esp.

Comments Moving Debris into Pill in the South

Sampled by [Signature] Date 9/1/2011

JLLP-PRECISION000408

see Piscuzzi Gary Thomas



11/20/11
 Temp 71 - 85°
 Winds 7-4 mph.
 Start with rain turned
 Sunny
 finish sealing Window + Door of
 The Office building
 Moving Debr. Pill in the South
 on the sled

ODH on-sit 1100-1300

4 Area Samples
 4 Personal Samples

JLLP-PRECISION000409

9/1/2011 Temp 71° Winds 7 SW rain
 7-25 Winds 4 SW Sunny





**RCS Environmental
Group**

DATE: 9/02/11
 PROJECT: Cleveland Trencher
 FIELD REPORT No.: 9
 PAGE

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Branner on-site for RCS Kenny Yate for Precision with 4 Worker Mark's 1 Worker
 Wetting Debris 3 Workers moving debris into 8 1/2 gallon Buckets and Backhats in Southwest
 Cecil Branner set Air Samples Weston Solution on-site
 Temp 72 Winds 3mph Southwest
 1000 Cleveland EPA on-site walked around. 1100 EPA off-site
 1200 Precision at Lunch.
 1230 4/Worker suit up Tyvek suit 1/2 face respirator 1 Worker wet debris 3 Workers move
 Debris into Pail Southwest end.
 1300 Precision found a large Transformer on West side outside of Building it is
 under the 3 small Transformers
 1500 Precision Cleanup for end of Shift.
 15300 Precision Weston Solution + RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: 



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 09/02/11
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090211-06	PRS	Daniel Schillero	7861	Southwest using Bobcat moving Debris into Pits	CLN	HM
090211-07	EXC	Daniel Schillero	7861	Southwest using Bobcat Moving Debris into Pits	CLN	HM
090211-08	PRS	Rodney Warrenes	2410	Southwest using Water Hose Keeping Debris Wet	CLN	HM
090211-09	EXC	Rodney Warrenes	2410	Southwest using Water Hose Keeping Debris Wet	CLN	HM
090211-10	FB	Field BLANK		Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm ³ (Blank Corr)	LOG FIBERS/ cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090211-06	P01	2.0	2.0	2.0	0738	1508	450	900				
090211-07	P01	2.0	2.0	2.0	0708	0738	29	59				
090211-08	P02	2.0	2.0	2.0	0729	1508	459	918				
090211-09	P02	2.0	2.0	2.0	0709	0739	30	60				
090211-10	NA	NA	NA	NA	NA	NA	NA					

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	IWA = inside work area	GLBG = glovebag
RND = random	OWA = outside work area	WLO = waste load-out
		HM = half mask
		FF = full face
		P = powered
		APR = air purifying resp.

Comments Workers moving Debris on Bobcats and Backhoe
1 Worker using Water to wet Debris

Sampled by [Signature] Date 9/2/2011

JLLP-PRECISION000411



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 9/2/11
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090211-01	Perimeter			Southwest on West Gate	CLN	HM
090211-02	Perimeter			Southend Center of South	CLN	HM
090211-03	Perimeter			Eastside Center of East	CLN	HM
090211-04	Perimeter			North side of Decon Area	CLN	HM
090211-05	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOQ FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090211-01	99	30	3.0	3.0	0801	1449	408	1224				
090211-02	49	30	3.0	3.0	0804	1452	408	1224				
090211-03	20	3.0	3.0	3.0	0807	1454	407	1221				
090211-04	RCS-03	4.0	4.0	4.0	0812	1458	406	1624				
090211-05	NA	NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = hepa exhaust	EXC = excursion	FF = full face
FB = field blank	IWA = inside work area	P = powered
	REM = removal	APR = air purifying respirator
	CLN = clean-up	
	GLBG = glovebag	

Comments Moving Debris into P.I.s Southwest end outside

Sampled by CT/K Date 9/2/11

JLLP-PRECISION0000412

SEA Piscazzi Gary Thomas

9/2/11

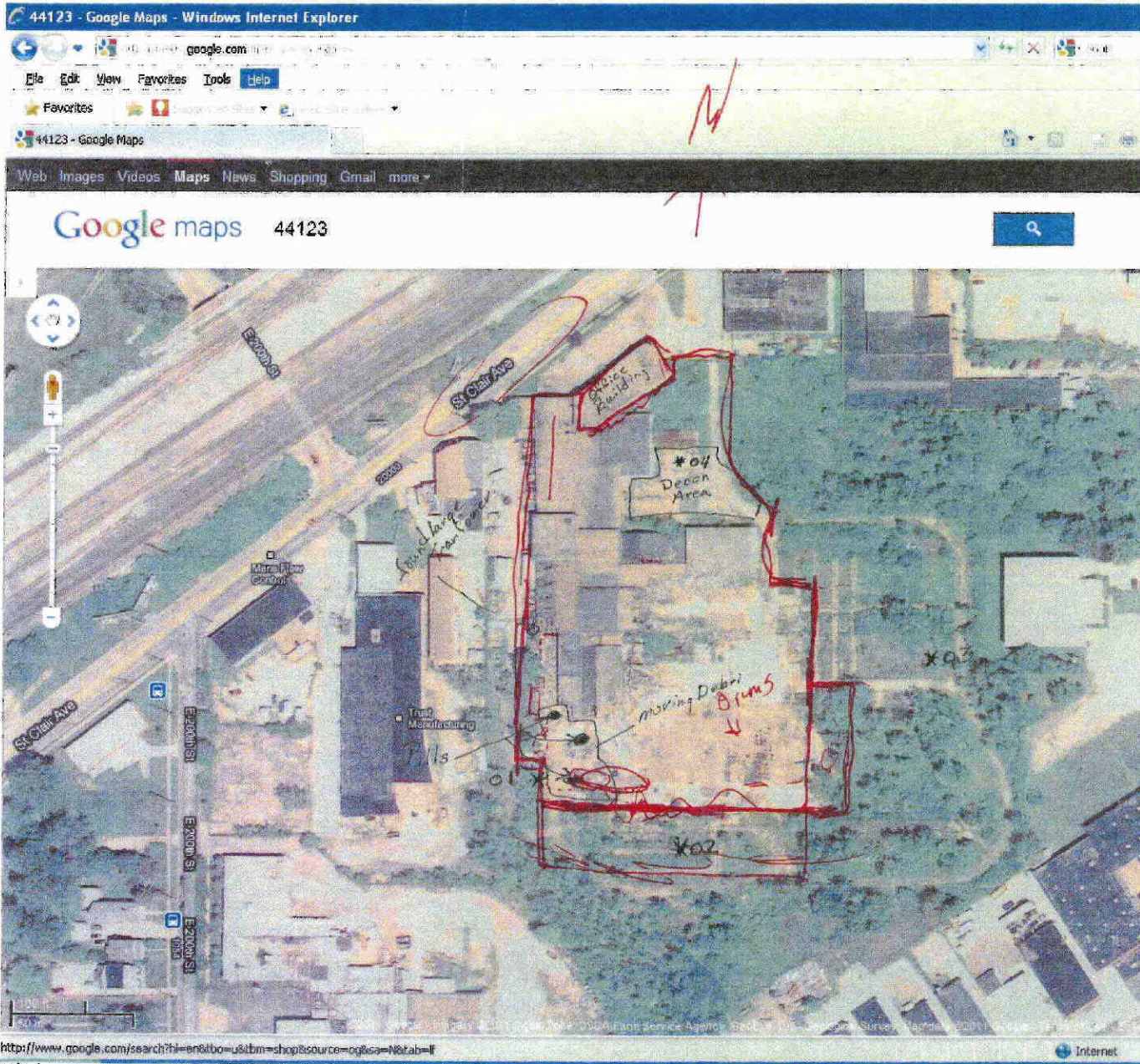
Temp. 72°F - 88°F
Winds 3mph - 5mph

Moving Debris into Pits in the Southwest

Cleveland EPA on sit 1000-1100

4 Area Samples
4 Personal Samples

JLLP-PRECISION000413



http://www.google.com/search?hl=en&bo=us&tm=shop&source=og&sa=N&tab=ll

Internet

9/2/2011 Temp 72°F - 88°F Winds 3mph - 5mph SW





RCS Environmental Group

DATE: 9/16/11
 PROJECT: Cleveland Trencher
 FIELD REPORT No.: 10
 PAGE

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yates of Precision with 4 workers
 Temp 59°F Wind Northeast @ 12 mph
 Work today is 2 workers on lifts line truck's tailer (Bed) with 26 mil liners once loaded
 to seal + 1 abletrucks. 1 Worker wetting Debris with water that is being loaded 1 Worker
 will be using A Excavator to load Truck works starting on the South west end.
 Before truck leave the area truck is rinsed off

0800 Cecil Brannon est air samples. Worker are waiting for truck to show up. The
~~1st~~ Worker on the Excavator is separating Debris and metal. 1 Worker keeping debris wet

1000 1st Truck is on-site Being lined loaded sealing cleaned. off-site 1000

1200 Work will be 1-c Trucks load with Debris seal liner Clean truck in truck Deck before
 Truck leave the site

1500 Clean up for end of Shift Cecil Brannon Collect air Samples

1530 Precision RCS off-site

4 Truck loaded and off-site


INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: 



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 9/6/2011
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090611-01	Perimeter	/	/	Southwest @ West gate	CLN	HM
090611-02	Perimeter	/	/	Southend Center	CLN	HM
090611-03	Perimeter	/	/	Eastside Center	CLN	HM
090611-04	Perimeter	/	/	Northeast of Decan Area	CLN	HM
090611-05	FB	/	/	Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ²	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090611-01	99	3.0	3.0	3.0	0757	1515	438	1314				
090611-02	59	3.0	3.0	3.0	0802	1519	436	1308				
090611-03	49	3.0	3.0	3.0	0809	1519	430	1290				
090611-04	RCSB	4.0	4.0	4.0	0815	1500	405	1620				
090611-05	NA	NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FE = field blank	WA = in work area	GLD = glove bag
BCK = background	JWA = joint work area	WASTE = waste
		HM = half mask
		FF = full face
		P = powered
		... = air p. resp.

Comments _____

Sampled by Carl J. A. Date 9/6/2011

JLLP-PRECISION000415



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 9/6/2011
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090611-06	EXC	Timothy Russell	4966	Southend separating debris using Excavator	CLN	HM
090611-07	PRS	Timothy Russell	4966	Southend loading Truck with debris using Excavator	CLN	HM
090611-08	EXC	Daniel Schillero	7861	Line 7 Seal by Truck with poly on Manl. Ses	CLN	HM
090611-09	PRS	Daniel Schillero	7861		CLN	HM
090611-10	FB	NA	NA	Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090611-06	PO2	2.0	2.0	2.0	0715	0746	31	62				
090611-07	PO2	2.0	2.0	2.0	0746	1524	458	916				
090611-08	PO1	2.0	2.0	2.0	0716	0746	30	60				
090611-09	PO1	2.0	2.0	2.0	0746	1528	462	924				
090611-10	NA	NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	HM = half mask
HEX = hepa exhaust	EXC = excursion	FF = full face
FB = field blank	WA = inside work area	P = powered
BC = background	JWA = outside work area	esp. = air p. esp.

Comments Line 7 Seal Truck Load Truck (2 Trucks loaded)

Sampled by Carl E. ... Date 9/6/11

JLLP-PRECISION000416

SCA Piscazzi Gary Thomas

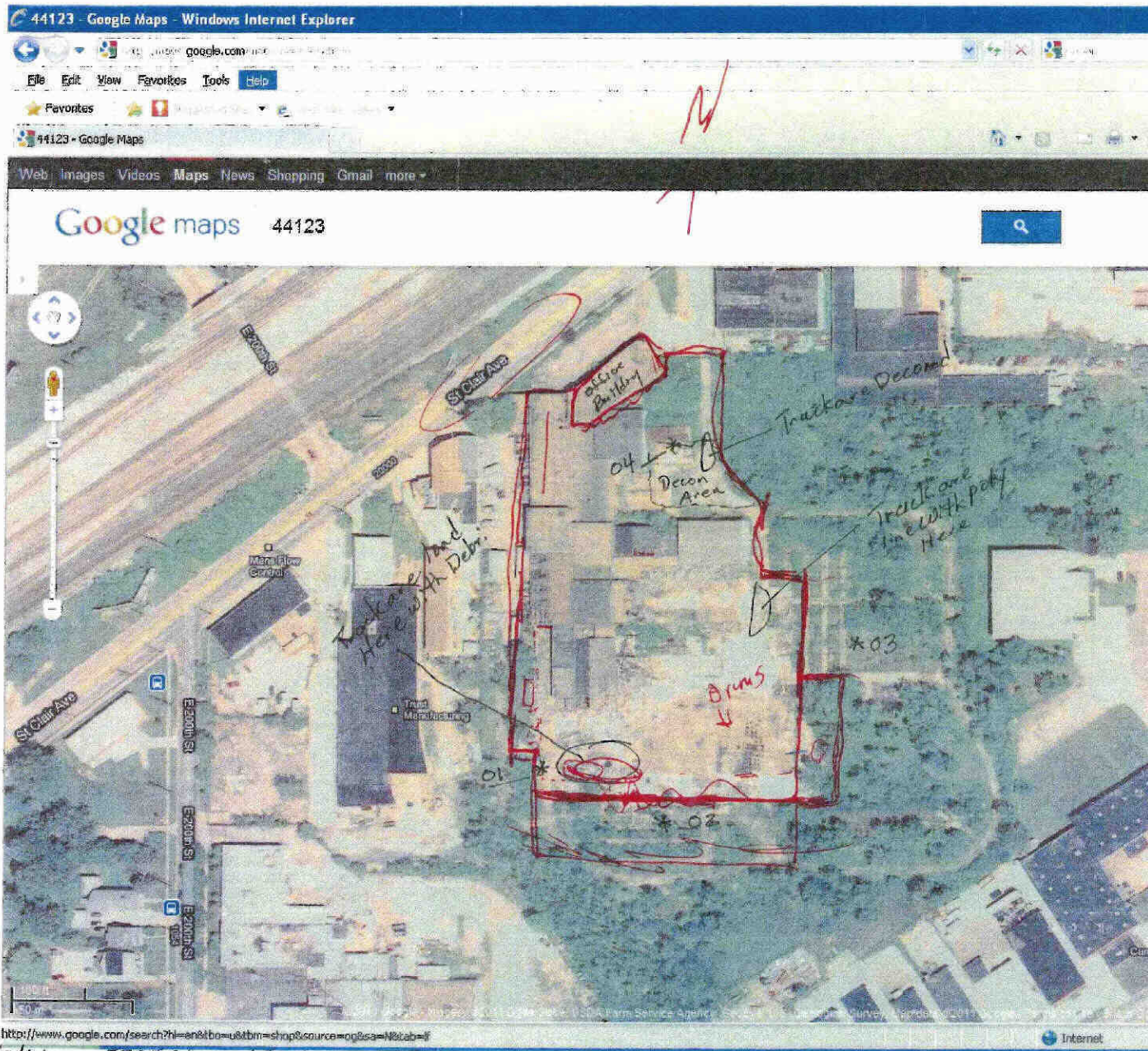
7/6/2011

Temp 59°F Winds NE 12mph

Fast loading Debris into
4 Trucks

4 Perimeter
4 Personnel

JLLP-PRECISION000417



<https://www.google.com/search?hl=en&tbid=us&tm=shop&source=og&sa=N&tab=1>

9/6/2011 69°F Winds NE 12 mph



**RCS Environmental
Group**

DATE: 9/7/2011
 PROJECT: Cleveland Trencher
 FIELD REPORT No.: 11
 PAGE

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS, Weston Solution for EPA Kenny Yates of Precision with
 workers work is to (2) workers line truck to be loaded then seal truck after they are
 loaded with debris (1) worker is wetting debris to be loaded (1) worker using a
 excavator to load line trucks (1) worker running truck decon.
 Temp. 59 Wind East 11 mph
 Cecil Brannon set air samples
 0930 1st Truck showed up to be loaded. 2 people from Request 5 EPA on-site talking
 with and walking around with Andy Kiel of Weston Solution Emy Wolf of Precision
 on-site and talk with people from request 5 EPA
 1100 EPA + Emy Wolf off-site. 3 Truck line load and sealed off-site
 1330 Kenny Yates of Precision informed Cecil Brannon RCS and Weston Solution
 that Precision is done with 6 Truck load for today. No more trucks are
 coming and Precision is Clean up for end of 5h. ft. Cecil Brannon collect
 Air Samples
 1400 Precision Weston Solution and RCS off-site

6 Truck load and off site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: *[Signature]*



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 9/7/2011
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090711-06	EXC	Rodney Warrens	7861 2410	Southwest end Wetting Debris being loaded	CLN	HM
090711-07	PRS	Rodney Warrens	2410	Southwest end Wetting Debris being loaded	CLN	HM
090711-08	EXC	Daniel Schillero	7861	West center lining Trucks + Sealing Truck	CLN	HM
090711-09	PRS	Daniel Schillero	7861	West center lining + Sealing Truck for Debris		
090711-10	FB	Field Blank		Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ² (Blank Corr)	LOQ FIBERS/om ³	FIBER/om ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090711-06	P01	2.0	2.0	2.0	0730	0800	30	60				
090711-07	P01	2.0	2.0	2.0	0800	1329	179	358				
090711-08	P02	2.0	2.0	2.0	0728	0800	32	64				
090711-09	P02	2.0	2.0	2.0	0800	1329	179	358				
090711-10	NA	NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	REM = removal	HM = half mask
HEX = Hex exhaust	CLN = clean-up	FF = full face
FB = blank	WLO = waste load-out	APR = air purifying resp.
BGD = background		
FC = final clearance		
EVC = excavation		
A = ins area		
QWA = outside work area		

Comments Lin trucks with Poly load truck with Debris
Seal truck loads stop work 1320
 Sampled by Ceal Date 9/7/2011
 Analyzed by _____ Date _____

JLLP-PRECISION000419



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 9/7/2011
 Client Precision
 Project Cleveland Teacher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090711-01	Perimeter	/	/	Southwest @ Westgate	CLN	HM
090711-02	Perimeter	/	/	Southend Center	CLN	HM
090711-03	Perimeter	/	/	Eastside Center	CLN	HM
090711-04	Perimeter	/	/	Northend of Decon Area	CLN	HM
090711-05	FB	/	/	Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ³ (Blank Corr)	LOG FIBERS/cm ³	FIBER/cm ³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090711-01	49	3.0	3.0	3.0	0739	1335	356	1068				
090711-02	20	3.0	3.0	3.0	0741	1336	355	1065				
090711-03	99	3.0	3.0	3.0	0744	1338	354	1062				
090711-04	RCS-03	4.0	4.0	4.0	0839	1332	293	1172				
090711-05	NA	NA	NA	NA								

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	RSM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = ank	A = ins area	gloves
BGD = background	OWA = outside work area	waste location
		HM = half mask
		FF = full face
		powered
		air pur.

Comments line trucks with Poly load truck with Debris Seal truck

loads off-site 1400

Sampled by [Signature]

Date 9/7/2011

JLLP-PRECISION000420

see Piscazzi Gary Thomas

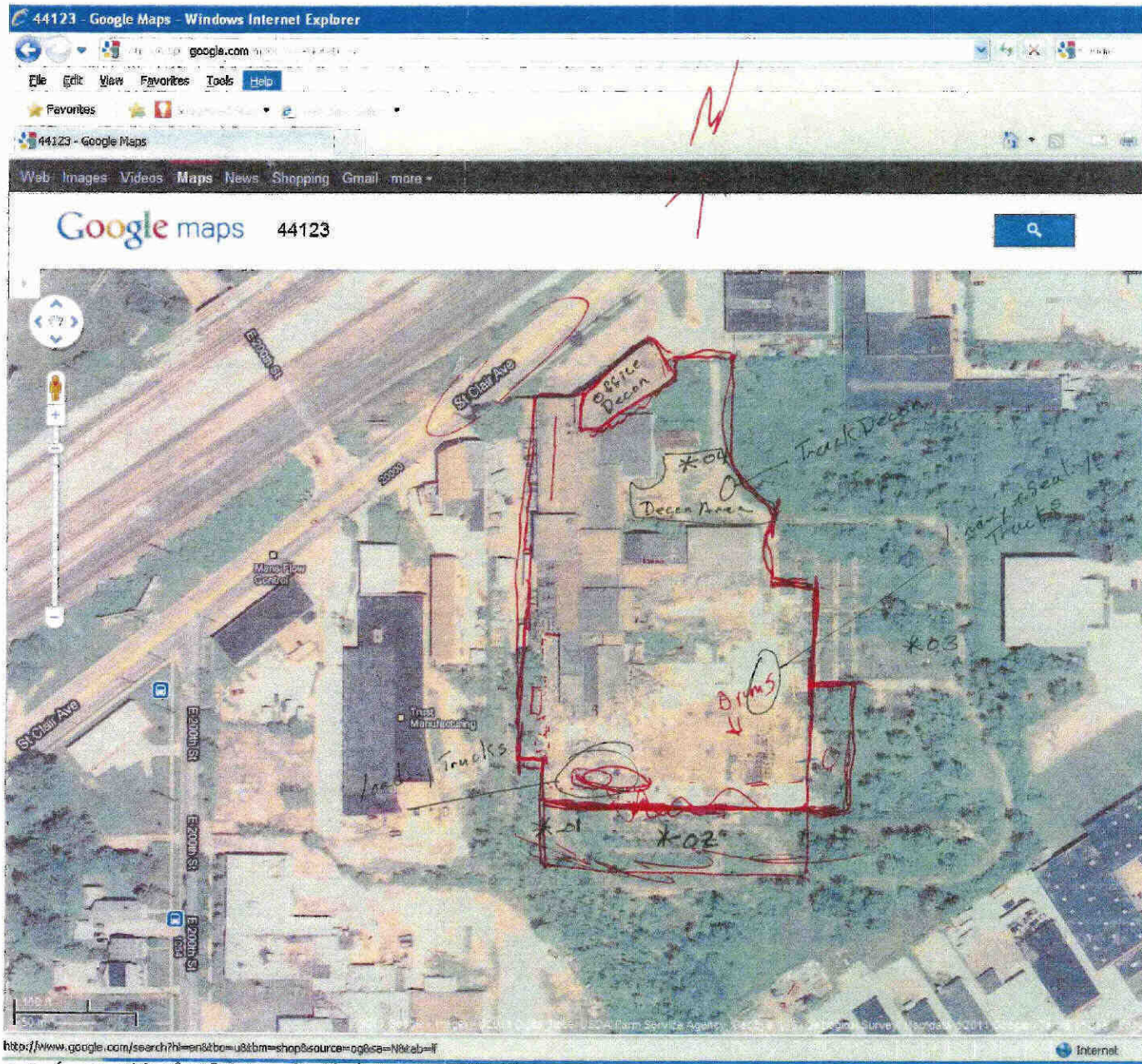
11/11/11

59°F Wind East 11mph cloudy
65°F Wind East 10mph

Load Trucks

4 Perimeter Samples
4 Personal Samples

6 Truck loads outs Today



http://www.google.com/search?hl=en&tbm=shop&source=og&ica=N&ab=I

9/7/2011 59-65°F Winds East 11mph-10mph



JLLP-PRECISION000421



**RCS Environmental
Group**

DATE: 9/8/2011
 PROJECT: Cleveland Trencher
 FIELD REPORT No.: 12
 PAGE

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Weston Solution on-site. Kenny Yates of Precision with 6 Workers
 Temp 63° Wind Northeast 12 mph.
 Worker suit up in Tyvek suit and 1/2 face Respirators. Worker will be in a seal Enclosure to load Debris
 into lined Trucks. 1 Worker will be Keeping Debris wet using water hose from a water truck & Workers
 will be using lift to line Trucks 2 liner each. 2 Workers will be sealing line inside Truck after they are
 loaded with Debris. Four Trucks are on-site to be loaded to start. 1 Worker's running Truck Down road ends
 Cecil Brannon site air samples

1000 5 Trucks Have been loaded and sealed. 40yd Dumpers are Being Dropped off. Workers will line
 load and seal Dumpers w/air waiting for Trucks to return from the land fill.


1200 Precision @ Lunch

1230 Precision Back to line Truck and 40yd dumper load with debris then sealed.
 Dumper are done wait waiting for Truck to come on site.

1300 Chris Karas and 1 other person on-site from Enviro Serve to look @ Down mark and
 test Drums. Cecil Brannon and of RCS and Andrew Kiel of Weston Solutions
 Calobot Recalls RCS's and Weston Solutions suit up and monitor Air in Berthing Zone
 wait Enviro Serve Open Drums in Area (2 Drums)

1500 Precision and Enviro Serve Cleanup for end of Shift Cecil Brannon Collect
 Air Samples

1530 Precision Enviro Serve Weston Solution and RCS off-site

 8 Truck debris load & 4 Dumper of debris load and off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR: _____

INFORMATION OR ACTION REQUIRED BY RCS: _____

INFORMATION OR ACTION REQUIRED BY THE OWNER: _____

DISTRIBUTION

- ___ OWNER
- ___ CONTRACTOR
- ___ RCS OFFICE
- ___ FIELD OFFICE
- ___ LABORATORY

REPORTED BY: 



RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

Date 9/8/11
 Client Precision
 Project Cleveland Trencher
 Project No. _____
 Analytical Method _____

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090811-06	EXC	Rodney Warrens	2410	Southwest Welling	Debris being loaded	CLN HM
090811-07	PRS	Rodney Warrens	2410		CLN	HM
090811-08	EXC	Daniel Schillero	7861	East side Sealini	loaded Trucks of Debris	CLN HM
090811-09	PRS	Daniel Schillero	7861	Southwest Sealini	loaded	CLN HM
090811-10	EXC	Derrick Wilhelm	6280	East lining Trucks	for Debris	CLN HM
090811-11	PRC	Derrick Wilhelm	6280	East lining Trucks	for Debris	CLN HM
090811-12	FB	NA	NA	Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/FIELDS	FIBERS/mm ² (Blank Corr)	LOQ FIBERS/cm ²	FIBER/cm ² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090811-06	P01	2.0	2.0	2.0	0709	0740	31	62				
090811-07	P01	2.0	2.0	2.0	0740	1459	439	878				
090811-08												
090811-08	P02	2.0	2.0	2.0	0706	0738	32	64				
090811-09	P02	2.0	2.0	2.0	0738	1459	441	882				
090811-10	99	2.0	2.0	2.0	0710	0740	30	60				
090811-11	99	2.0	2.0	2.0	0740	1459	439	878				
090811-12	NA	NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = blank	A = in area	G = glove
BGD = background	OWA = outside work area	WLU = waste load-out
		HM = half mask
		FF = full face
		P = powered
		AP = air purifying

Comments 2 Seal Truck, 2 line Truck 1 load 1 well Debris

Sampled by Cecil Z... Date 9/8/11

JLLP-PRECISION000423