



Client: RCS ENVIRONMENTAL	Project: CLEUELAND, TRENCHER
Sampling Date: 9/9/11	
Sampling Date: 919111	

Client Sample #	· ATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	A ree (ft2) Volume (L)	Results Cc
090911-01	4436710 4436711				忌	1440	265 < 0,0020
090911-02					岩	1440	18.6 0,0050
090911-03	4436712				岩	1425	13.3 0,0036
090911-04	4436713		:		1 2	1716	265 <0,0016
090911-05	4436714				705	BLANK	1.33
			!				
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1.	_			r 1	ı ,		`

^{* =} 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.



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/27/2011

Report Number: 253204

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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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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/mm². These results are not blank corrected.

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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:



Client:

RCS Environmental Group

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44122

Report Date:

9/27/2011

Report Number: 253204

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Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
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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B, Reich

Approved By:

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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OH

44122

Report Date:

9/27/2011

Report Number: 253204

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

EXC:Rodney Warrens#2410 SW EndWetting DebrisBeingLoaded PRS:Rodney Warrens#2410	60 358	2.65	<0.0470
	358		
SW EndWetting DebrisBeingLoaded		2,65	<0.0078
EXC:Daniel Schillero#7861 W.CenterLiningTrucks&SealingTruck	64	2.65	<0.0440
PRS:Daniel Schillero#7861 W.CenterLiningTruck&SealingForDebris	358	2.65	<0.0078
	0	1.33	NA
	9 PRS:Daniel Schillero#7861 W.CenterLiningTruck&SealingForDebris 0 Field Blank	9 PRS:Daniel Schillero#7861 358 W.CenterLiningTruck&SealingForDebris 0 Field Blank 0	9 PRS:Daniel Schillero#7861 358 2.65 W.CenterLiningTruck&SealingForDebris

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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Beachwood

OH

Report Date:

9/27/2011

Report Number: 253204

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	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

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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44122

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9/27/2011

Report Number: 253204

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	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

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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B. Reich

Approved By:



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/27/2011

Report Number: 253204

Project:

Cleveland Trencher

Project No .:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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:Danie] 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

Accreditation:

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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: __9/26/2011

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Analyst:

B. Reich

Approved By:

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/27/2011

Report Number: 253204

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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

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: __9/26/2011

Date Analyzed:

9/27/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

د مارود مسعود مستعین



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/27/2011

Report Number: 253204

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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:Derrik Wilhelm#6280 E.LiningTrucksForDebris	60	2.65	<0.0470
4436663	090811-11	PRS:Derrik 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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Date Analyzed:

9/27/2011

Analyst:

B. Reich

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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/mm²)	Concentration (Fibers/cc)
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

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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B. Reich

Approved By:



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 -

Client: RCS ENVIRONMENTAL	Project: CLEUKLAND	TRENUTER
Sampling Date: 9 2, 9 6, 9/7 2011		

	PERSONAL AIR SAMPLES							
; 	Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	A roa (f(2) Volume (L)	Results (C.
./	090211-06	4436621				忌	900	2.65 <0,031(
v	090211-07	4436622				1950 1950	58	2.65<0,048
V	090211-08	4436623				200	918	2.65 < 0.0031
ν	090211-09	4436624				19 <u>12</u>	60	2.65 < 0,047
v	090211-10	4436625				760	BLANK	133
V	090611-06	4436626				1 86	62	2.65<0,045
V	090611-07	4436627				7		265 < 0,0031
J	090611-08	4436628				2		265<9047
ν	090611-09	4436629				扇	924	2.65 <0.0030
v	090611-10	4436630		·		150	BLANK	1.33
7	090711-06	4436631					60	265<0,047
1	09011-07	4436632				<u>₹</u>	358	265 <0,0078
	0907117090	4436633				160	64	265<0,044
	090711-09	4436634				2	358	265<0,0078
V	09011-10	4436635				<u></u>	BLANK	1.33

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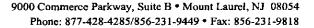
Celebrating 25 years ... one sample at a time

^{* =} 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.





-Airborne Asbestos -

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

Sampling Date: 8 30, 9 31, 9 1 Zon

	PERSONAL AIR SAMPLES							
	Client Sample #	IATL#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	A rea (ft2) Volume (L)	Results /
1	083011-06	4436636				100	846	265<0,0033
V	083011-07	4436637 4436638				2 80	72	265 <0,039
V	083011-08	4436638				3,00	848	265<010033
4	083011-09	4436609			i	启	62	265 <0,045
J	083011-10	4436640				10	BUNK	1.33
U	083111-06	4436641				360		265 <0,044
4	08311-07	4436642				Z		2.65 < 0.003(
- 4	083111-08	4436643				7	64	2.65 <0.044
- 1	08311-09	4436647				尮		265 < 0,0031
. І	083111-10	4436645				700	BLANK	1.33
1	090111-06	4436646	<u></u>			1	826	2.65 < 0,0034
4	09011-07	4436647				2	74	265 < 9.038
J	09911-03	4436648				Æ	830	2.65<0,003
₹.	09011-09	4436649				仓	62	2.65 <0.045
П	09011-10	4436650					BLANK	

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

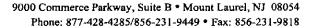
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Celebrating 25 years... one sample at a time

www.iati.com

3065

⁻ rosupteem sample Provided to Analyze (<50mg)*** = Insufficient Sample Provided to Analyze (<50mg)*** = Martx / Substrate Interference Possible
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.





-Airborne Asbestos -

Client: CLETTE RCS ENVIRONMENTAL	Project: CLEUZLAND TRENCHER
Sampling Date: 2 29 11	

PERSONAL AIR SAMPLES							
Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results fee
082911-07	4436651				磊	408	2,65<0,0069
4092911-08	4436652	}			启	حاصا	2.65<0.043
V082911-09	4436653				启		2,65 <0,000
082911-10	4400051				760	418	265 40,000
4082911-11	4436655				茄	62	2.65 < 0.045
082911-12	4436656				磊		2.65 < 0.0014
082911-13	4436857		-			BLANK	1.33
_							
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Celebrating 25 years come sample at a time

^{* =} 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 NIDEP conditions apply.



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: RCS ENVIRONMENTAL	Project: CLEVELAND	TRENCHEL
Sampling Date: P		,

		PERSONAL	- AIR	SAM	PLES		
Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	/www.kesuits/ec
1090811-010	4436658				る	62	2165 <01045
V09081207	4436659				斋	978	265 <0,0032
090811-08	4436660				<i>1</i>	64	265 <0,044
09081-09	4436661				Ŕŝ	882	265 <0,0032
1090011-10	4436662				Ŕ	60	2.65 < 0.047
090811-11	4436663				2 €	878	2.65 <0,0032
4090811-12	4436664				705	BLANK	1.33
090911-06	4436665				兔	60	Z165 <0,047
090911-07	4436665				2	950	7.65 <0,0030
090911-08	4436667			 -	<u></u>		2,65<0,045
090911-09	4436668	ļ			喬		Z65<0.0030
090911-10	4436669				700	BLAN	133
		-					
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<u> </u>							

Celebrating 25 years it mie sample at a time

^{* =} 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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Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	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&SealingDumpstersSouthwestEnd	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

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/mm². 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. governmen

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:

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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/mm²)	Concentration (Fibers/cc)
4432787	091211-10	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:

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Date Received: 9/21/2011

Date Analyzed:

9/22/2011

Analyst:

B. Reich

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

44122

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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

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: 9/21/2011

Date Analyzed:

9/22/2011

Analyst:

B. Reich

Approved By:

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432797	091311-10	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:

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Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.

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Date Received: __9/21/2011

Date Analyzed:

9/22/2011

Analyst:

B. Reich

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	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

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:

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Date Received: 9/21/2011

Date Analyzed:

9/22/2011

Analyst:

B. Reich

Approved By:

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

O11

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432807	091411-10	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:

Analyst:

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/mm². These results are not blank corrected.

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Date Received: 9/21/2011

Date Analyzed: 9/22/2011

B. Reich

Page 2 of 2



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
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	8 60	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,Line&ScalDumpster	850	2.65	<0.0033

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

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Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.

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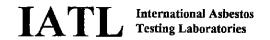
Date Received: 9/21/2011

9/22/2011 Date Analyzed:

Analyst:

B. Reich

Approved By:



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432817	091511-10	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/mm². These results are not blank corrected.

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Date Received: 9/21/2011

Date Analyzed:

9/22/2011

Analyst:

B. Reich

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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.EndI/S ExcavatorLoadingDebrisIntoDumpsters	72	2.65	<0.0390
4432824	091611-07	PER:Timothy Russell#4966 S.EndI/S ExcavatorLoadingDebrisIntoDumpstcrs	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

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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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:

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ОН

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432827	091611-10	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/mm². These results are not blank corrected.

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Date Received: 9/21/2011

Date Analyzed: 9/2

9/22/2011

Analyst:

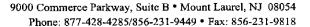
B. Reich



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 -

Contact Information
Client Company: RCS ENVIRONMENTAL Project Number:
Office Address: 2812 SHAKERCEEST Project Name: CLEVELAND TRENCHER
City, State, Zip: BEACHWOOD, OH 44122 Primary Contact: MIKE Schmidt
Fax Number: Office Phone: 216-376,0997
Email Address: Cell Phone: SAME
RCS environmental RMSN.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 FICE BY NIOSH THOZ(TEM).
DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 FICE BECAUSE OF DETECTION LIMIT AND SMALL SAMPLE VOLUME
OF DETECTION LIMIT AND STARE SAMPLE COLUMNS
Turnaround Time
Preliminary Results Requested Date:
Specific date / time 10 Day
10 Day C15 Day 2843 Day C12 Day C12 Hour** C16 Hour** C16 Hour**
* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***
Chain of Custody
Relinquished (Name/Organization): Date: 9/20/20// Time 1600 Received (Name / iATL): Date: 9/20/20// Time 1600
Sample Login (Name / iATL): Date: Time: Time:
Analysis(Name(s) / iATL): Date: 4/22/1/4 Tirge: 2 1 2011
QA/QC Review (Name / iATL): Archived / Released: QA/QC InterLAB Use: Date: Time: Time:
Archived / Released:QA/QC IntetLAB Use: Time: Time:
7.11-16





Client: Precision	Project: Cleveland Trencher
Sampling Date: 9/12 - 9/13	

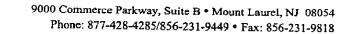
	Client Sample #	· iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	mm Results	&
	091211-01	4432778				Ros	1230	265 <0,0023	0.007
	09/211-02	4432779				2 150	1233	2.65 40,0023	
	091211-03	4432780				is description	1236	265 <0,0023	
	09/211-04	4432781		1		160	1604	2.65 <0.0018	
	09/211-05	4432782				755		1.33	
	091211-06	4432783		-		_ 165	60	2.65 < 0.047	
	09/211-07	4432784				क्रि	836	265 <90034	
	091211-08	4432785				165	64	265<0044	
	091211-09	4432786				\$5 \$5	836	265 < 9,0034	
<u>.</u>	09/2/1-10	4432787				105	NA	1.33	
v	09131101	4432788				吞	1290	265 < 00022	-
,	091311-02	4432789				合	1272	2,65 < 0,000	_
•	091311-03	4432790				<u>级</u>	1257	4.64 <0,0022	-
	091311-04	4432791				- 12 B		265 <0,000	
	091311-05	4432792	- Luis (r. 200m.)			あ	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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Client: Precision	Project: Cleveland Trencher
Sampling Date: 9/12 - 9/14	

	Client Sample #	iatl#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results /cc
	091311-06	4432793				高	60	265 < 0.047
	091311-07	4432794				300	820	2.65 < 0.0034
	09/311-08	4432795				后	62	265 < 0,045
> [091311-09	4432796				7 <u>7</u>	812	265 KO,0075
	091311-10	4432797		-		705	ΝA	1.33
٦	09/411-01	4432798				倉	1269	265 <0,0022
V	09/411-02	4432799				755	1287	2,65<0,0002
4	091411-03	4432800		<u>-</u>		줆	1308	265<0,0021
1	091411-04	4432801				<i>2</i>	1668	265 <0,0017
1	091411-05	4432802				古	NA	133
	091411-06	4432803				1 Po	60	2.65 < 0.047
Į	091411-07	4432804				杨	752	2,65 <0,0037
	091411-08	4432805				750	60	2.65 <0,0 47
	091411-09	4432806			<u> </u>	160	752	5.31 <0.0037
	091411-10	4432807				あ	NΑ	133

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

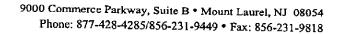
^{** =} Insufficient Sample Provided to Perform QC Reanalysis (~200mg)

*** = 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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Client: Percision	Project: Cleveland Trencher
Sampling Date:9/15 -	

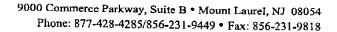
Client Sample #	iatl#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	MYWResults
091511-01	4432808				易	1191	265<0.0024
091511-02	4432809				B	1215	2.65 <0,0023
091511-03	4432810				its	1176	2.65 < 0.002
091511-04	4432811				100	1472	7.65 <0,001
091511-05	4432812				to 1	NA	1.33
091511-06	4432813				25	40	265 <0,047
091511-07	4432814			<u> </u>	庞	860	2,65 < a003
091511-08	4432815				B	74	265 < 0.031
091511-09	4432816				Ŕ	850	265 <0,003,
091511-10	4432817				765	NA	1.33
						,	
	 						
							<u></u>
			-				
•							

^{* =} 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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Client: Percision		Project: Cleveland Trencher
Sampling Date:	9/16/11	

Client Sample #	iatl#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	Area (ft2) Volume (L)	markesults Ca
09/6/1-01	4432818				É	1275	2,65 <0,0022
09/611-02	4432819				100	1311	265 <0,0024
091611-03	4432820				200	1332	265 < 0.002
09/6/1-04	4432821				36	1724	265 <0,0016
09141-05	4432822				100	NA	133
091611-06	4432823				斋	72	2.65 40,039
091611-07	4432824				ks	868	265 <01003
091611-08	4432825				磊	74	265 <0,038
071611-09	4432826				760	848	2,65 <0,0032
09/611-10	4432827				あ	NA	1.33
				_		<u>-</u> .	
-						 	
·					L		
							<u></u>

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

**= Insufficient Sample Provided to Analyze (<50mg)

***= Matrix / Substrate Interference Possible

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

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Final Certificate of Analysis will follow these preliminary results. The signed COA is to be considered the official results. All EPA, HUD, and NIDEP conditions early. conditions apply.

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	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.OldPaintShopScrapCleanUpPaintFrGrad	62	2.65	<0.0450
4436150	091911-09	PER:Scott Cline#1222 S.&F.SideScrap/Paint/UseBobcatMovePile	826	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:

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/mm2. These results are not blank corrected.

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Date Received:

9/24/2011

Date Analyzed:

9/26/2011

Analyst:

B. Reich

Approved By:



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

vironinentai Grou

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/mm²)	Concentration (Fibers/cc)
4436151	091911-10	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:

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Date Received: 9/24/2011

Date Analyzed: 9/26/2011

Analyst:

B. Reich

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume <u>(Liters)</u>	Density (Fibers/mm²)	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

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:



Client:

RCS Environmental Group

2812 Shakercrest Blyd

Beachwood

OH

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab <u>No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436161	092011-10	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:

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Date Received: __9/24/2011

Date Analyzed:

9/26/2011

Analyst:

B. Reich

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	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:

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Date Received: __9/24/2011

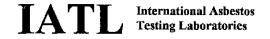
Date Analyzed:

9/26/2011

Analyst:

B. Reich

Approved By:



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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/mm²)	Concentration (Fibers/cc)
4436171	092111-10	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:

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Date Received: ___9/24/2011

Date Analyzed:

9/26/2011

Analyst:

B. Reich



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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.SidcCleanUpDebrisS.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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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



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/26/2011

Report Number: 253171

Project: Project No.: Cleveland Trencher

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436181	092211-10	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:

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Date Received: __9/24/2011

9/26/2011 Date Analyzed:

Analyst:

B. Reich

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
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	1 23 9	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:

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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



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436191	092311-10	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/mm2. 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. governmen. 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

9/26/2011 Date Analyzed:

B. Reich Analyst:



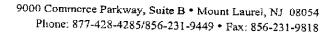
9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054 Phone: 877-428-4285/856-231-9449 • Fax: 856-231-9818

Chain of Custody

-Airborne Asbestos -

Contact Information Client Company: RCS ENUIRONMENTAL Office Address: 2812 SHAKERCREST City, State, Zip: BEACHWOOD, OH 44122 Fax Number: Email Address: RCS ENUIRONMENTAL Office Address:	Project Number: Project Name: CLEVELAND TRENCHER Primary Contact: MKE Schmor Office Phone: 216-378,0997 Cell Phone: SAME
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 SPEATER THAN O. DO 5 F/CL BY DO NOT ANALYZE BY TEM IF CRE OF DETECTION LIMIT AND SMALL	NIOSH THOZ(TEM). EATER THAN 0.005 FICE BECAUSE
Turnaround Time Preliminary Results Requested Date: Specific date / time 10 Day 5 Day 3 Day 2 Day 1 * End of next business day unless otherwise specified. ** Matr	
Chain of Custody Relinquished (Name/Organization): Received (Name / iATL): Sample Login (Name / iATL): Analysis(Name(s) / iATL): QA/QC Review (Name / iATL): Archived / Released: QA/QC InterLAB Use:	Date: 9/23/211 Time: 1800 Date: Time: Date: 9-24 Time: Date: 9116/11 Time: Date: Date: Time: Date: Time: Date: Time: Date: Time: Date: Time: Date: Date: Date: Time: Date: Date: Time: Date: Time: Date: Da

Colebrating 15 years than sample of thine





Client: Precision	Project: Cleveland Trencher
Sampling Date: 9/19/11 - 9/20/11	

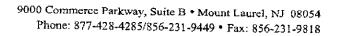
Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Min Results
091911-01	4436142				165	1197	2,65 <0,0023
091911-02	4436143				る	1197	265 40,0023
C919H-03	4436144				2 80	1164	265 <0.0024
091911-04	4436145				矞		7,65 <0,0019
091911-05	4436146				協	NA	1.33
09/911-06	4436147				离	60	265 <0.047
091911-07	4436148				爱	824	265 <0.0034
091911-08	4436149				₩	62	265 < 0.045
09/9/1-09	4436150				扇	826	2.65 <0,0034
091911-10	4436151				150	NA	1.33
092011-01	4436152				磊	1191	2.65 < 0,0024
092011-02	4436153				െ	1194	265 < 00024
092011-03	4436154				ති		2.65 <0.0024
092011-04	4438155				危	1520	265 <0,0018
C92011-05	4436156				700	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.





Client: Precisi	Project:	Ckeveland	Trencher		
Sampling Date:	9/20 - 9/21				

Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Mm Results
092011-06	4436157				局	60.	265 < 0.047
092011-07	4436158				杨	788	265 < 0,0036
092011-08	4436159				杨	60	265 < 0.045
092011-09	4436160				160	788	265 <0,0036
092011-10	4436161				105	n A	1.33
092111-01	4436162				為	1164	2-65 <0,0024
092111-02.	4436163				70	1179	2.65 < 0,0024
092111-03	4436164				危	1182	265 < 0,0024
092111-04	4436165				俞	1564	265 <00018
092111-05	4436166				100	NA	1.33
092111-06	4436167				孟	40	265<0.047
092111-07	4436168				1000	848	265<0,0033
092111-08	4436169				岩	64	265<0044
092111-09	4436170				ゐ	846	2.65 <0,0033
092111-10	4436171				あ	NA	1-33

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

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

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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



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Sample Log

Client: Precision	Project: Cleveland Trencher
Sampling Date: 9/22 -9/2:	3

Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results /CC
0922/1-01	4436172		_		· · · · · · · · · · · · · · · · · · ·	1137	2,65 <0.0025
092211-02	4436173				る	1122	265 < 0,0025
09211-03	4436174			• "	31	1140	265 <0.0025
092211-04	4436175				茄	1520	265 <0,0018
092211-05	4436176				to	NA	1,33
092211-06	4436177				危	100	2.65 20.04
092211-07	4436178				Ŕ		265 <0,0034
092211-08	4436179				离	60	2.65 < 0.045
092711-09	4436180				7 do	836	265 < 0.0034
0 9221-10	4436181				枋	NA	133
092311-01	4436182				吞	1203	2.65 < 0.0023
092311-02	4436183				仑	1236	265 <0.0003
092311-03	4436184				吞	1239	265 <0,6023
092311-04	4436185				磊	1572	2.65 < 0.0018
092311-05	4436186				杨	NA	1.33

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

** = Insufficient Sample Provided to Analyse (<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 NIDEP conditions apply.



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Sample Log

Client: Preci	sion	Project:_	Cheveland	Trencher	
Sampling Date:	7/22				

Client Sample #	iATL#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	Area (ft2) Volume (L)	France Results
092311-06	4436187				16g	60	265 < 0.045
042311-07	4436188				700		265 < 0,0032
092311-08	4436189				1 00	62	265 <0,045 265 <0,0032
092311-09	4436190				100	874	265 < 0,0032
092311-10	4436191				协	μд	1.33
						. "	
	<u></u>						
			,	<u> </u>		<u> </u>	

^{* =} 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.



BATCH / SAMPLE MANAGEMENT REPORT

	RCS486			Batch Number:	25317
Customer:		onmental Group		Project:	Cleveland Trench
	2812 Shake Beachwood		l 44122	Project Number:	
Customer Rep:	SC			TAT:	3 D
customer Rep.	30			Date/Time Rec'd:	9/24/20
4 - 25 3	5 0	A 1	D.C.N.F.		
f of Samples:	5 U	Analysis:	PCM	Time/Date Due:	9/29/20
Initials Signal Acknowledge	ing ment		To PLM	NOB To TEM	1 NOB
Special Instruct					
Admin Notes:	ro	senvironmental@	@msn.com		
Sh	ipping Error	<u> </u>		····	
			ealed container. Bulk s	amples not double bagged.	
				mpromised, possible contamination	1.
		-	-D	r	
Sa:	moles receive	d wet.			
Sa	-		ust possible cross cor	ntamination.	
Sa	mples receive	d covered with di	ust possible cross cor		
Sa	mples receive mple containe	d covered with do	tents spilled possible	cross contamination.	
Sa Sa Pa	mples receive mple containe perwork recei	d covered with do rs damaged, cont ved in the same b	tents spilled possible bag as samples possible	cross contamination.	
Sa Sa Pa	mples receive mple containe perwork recei o / Incomplete	d covered with do rs damaged, cont ved in the same b Chain of Custod	tents spilled possible bag as samples possible ly Received.	cross contamination.	
Sa Sa Pa No	mples received mple containe perwork recei o / Incomplete o / Incomplete	d covered with do rs damaged, cont ved in the same b Chain of Custod Sample Log Rec	tents spilled possible bag as samples possible ly Received. ceived.	cross contamination.	
Sa Sa Pa No No	mples received mple containe perwork recei o / Incomplete o / Incomplete mple containe	d covered with do rs damaged, cont ved in the same b Chain of Custod Sample Log Rec r IDs do not mate	tents spilled possible bag as samples possible ly Received.	cross contamination.	
Sa Sa Pa No No	mples received mple containe perwork received / Incomplete per / Incomplete mple containe per / Turnaround	d covered with do rs damaged, cont ved in the same b Chain of Custod Sample Log Rec or IDs do not mate Time indicated.	tents spilled possible bag as samples possible ly Received. ceived. the client's sample le	cross contamination. contamination. og.	noved
Sa Sa No Sa No PC	mples received mple contained perwork received of Incompleted of Incompleted mple contained of Turnaround CM Re-prep for	d covered with do rs damaged, cont ved in the same b Chain of Custod Sample Log Rec or IDs do not mate Time indicated. or TEM NIOSH 7	tents spilled possible bag as samples possible ly Received. ceived. ich the client's sample k	cross contamination. contamination. pg. usly opened and portion of filter ren	noved.
Sa Sa No No No PC BI	mples received mple contained perwork received. Incompleted of Incompleted in Incompleted in Incompleted mple contained of Turnaround of Turna	d covered with do rs damaged, conto ved in the same b Chain of Custod Sample Log Recor IDs do not mate Time indicated. or TEM NIOSH 7 mitted as require	tents spilled possible bag as samples possible ly Received. ceived. ceh the client's sample left the client's sample left the client's previously the requested analysis.	cross contamination. contamination. pg. usly opened and portion of filter renytical method.	noved.
Sa S	mples received mple containe perwork received of Incomplete of Incomplete mple containe of Turnaround CM Re-prep for ank(s) not sub- inimum shippi	d covered with do rs damaged, cont ved in the same b Chain of Custod Sample Log Rec or IDs do not mate Time indicated. or TEM NIOSH 7 mitted as require ing requirements	tents spilled possible bag as samples possible ly Received. ceived. ich the client's sample k	cross contamination. contamination. og. usly opened and portion of filter ren lytical method. hed Carrier Air Bill.	noved.
Sa Sa No Sa Sa No Sa No Sa No Sa No Sa Sa Sa No Sa Sa Sa No Sa	mples received mple containe perwork received of Incomplete of Incomplete mple contained of Turnaround CM Re-prep for ank(s) not sub- inimum shippi	d covered with do rs damaged, cont ved in the same b Chain of Custod Sample Log Rec or IDs do not mate Time indicated. or TEM NIOSH 7 mitted as require ing requirements	tents spilled possible bag as samples possible ly Received. ceived. ceh the client's sample left to the client'	cross contamination. contamination. og. usly opened and portion of filter ren lytical method. hed Carrier Air Bill.	noved.
Sa Sa Sa No No Sa Sa No Sa Sa No Sa Sa	mples received mple containe perwork recei o / Incomplete o / Incomplete mple containe o Turnaround CM Re-prep for ank(s) not sub inimum shippi ther: atch Error: rong Client II.	d covered with de rs damaged, cont ved in the same be Chain of Custod. Sample Log Recor IDs do not mater Time indicated. For TEM NIOSH 7 mitted as required ing requirements.	tents spilled possible bag as samples possible ly Received. ceived. ceh the client's sample left to the client'	cross contamination. contamination. og. usly opened and portion of filter ren ytical method. hed Carrier Air Bill. Login Error: Sample Log Stamp	ed Incorrectly:
Sa Sa Sa No No No Sa Sa	mples received mple containe perwork recei o / Incomplete o / Incomplete mple containe o Turnaround CM Re-prep for ank(s) not sub inimum shippi ther: atch Error: frong Client II rong Client Lo	d covered with de rs damaged, cont ved in the same be Chain of Custod. Sample Log Recor IDs do not mater Time indicated. For TEM NIOSH 7 mitted as require ing requirements. Delisted: Delisted: Decation Listed:	tents spilled possible bag as samples possible ly Received. ceived. ceh the client's sample left to the client'	cross contamination. contamination. og. usly opened and portion of filter ren ytical method. hed Carrier Air Bill. Login Error: Sample Log Stamp Sample Containers	ed Incorrectly: Mislabelled:
Sa Sa Sa No No No No	mples received mple containe perwork recei o / Incomplete o / Incomplete mple containe o Turnaround CM Re-prep for ank(s) not sub inimum shippi ther: atch Error: frong Client III rong Client III rong Project I	d covered with de rs damaged, cont ved in the same be Chain of Custod Sample Log Recor IDs do not mate Time indicated. For TEM NIOSH 7 mitted as require ing requirements O Listed: O Listed: D Listed:	tents spilled possible bag as samples possible ly Received. ceived. the client's sample left of the client's sample left of the requested analytic not attained. See attack	cross contamination. contamination. og. usly opened and portion of filter ren ytical method. hed Carrier Air Bill. Login Error: Sample Log Stamp Sample Containers Duplicate / Extra S	ed Incorrectly: Mislabelled: amples Not Stamped:
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Sa Sa Sa Sa No No Sa No	mples received mple containe perwork recei o / Incomplete o / Incomplete mple containe o Turnaround CM Re-prep for ank(s) not sub inimum shippi ther: trong Client II frong Client Le frong Project I frong TurnAro frong Due Dat	d covered with de rs damaged, cont ved in the same be Chain of Custod Sample Log Recor IDs do not mater al I	tents spilled possible bag as samples possible ly Received. ceived. ceh the client's sample left the client's sample left the requested analymout attained. See attack	cross contamination. contamination. og. usly opened and portion of filter ren ytical method. hed Carrier Air Bill. Login Error: Sample Log Stamp Sample Containers Duplicate / Extra S	ed Incorrectly: Mislabelled: amples Not Stamped:
Sa Sa Sa No No Sa No Sa No No Sa No No Sa No No No No No No No Sa No	mples received mple containe perwork recei o / Incomplete o / Incomplete mple containe o Turnaround CM Re-prep for ank(s) not sub inimum shippi ther: atch Error: rong Client IC rong Client IC rong Project I rong TurnAro rong Due Dat rong Date/Tir	d covered with de rs damaged, cont ved in the same be Chain of Custod Sample Log Receive IDs do not mater al sample IDs de la control Listed: D Listed: D Listed: D Listed: and Time Listed to Received Listed:	tents spilled possible bag as samples possible by Received. ceived. ceived. ceh the client's sample by the requested analy not attained. See attack	cross contamination. contamination. og. usly opened and portion of filter ren ytical method. hed Carrier Air Bill. Login Error: Sample Log Stamp Sample Containers Duplicate / Extra S	ed Incorrectly: Mislabelled: amples Not Stamped:
	mples received mple containe perwork recei o / Incomplete o / Incomplete o / Incomplete o / Incomplete mple containe o Turnaround CM Re-prep for ank(s) not sub- inimum shippi ther: atch Error: rong Client In- rong Client In- rong Project I frong TurnAro frong Due Dat rong Date/Tir frong Analysis	d covered with de rs damaged, cont ved in the same be Chain of Custod Sample Log Recor IDs do not mater al I	tents spilled possible bag as samples possible by Received. ceived. ceived. ceh the client's sample le 7402. Cassettes previoued by the requested analout attained. See attack	cross contamination. contamination. og. usly opened and portion of filter ren ytical method. hed Carrier Air Bill. Login Error: Sample Log Stamp Sample Containers Duplicate / Extra S	ed Incorrectly: Mislabelled: amples Not Stamped:

SMGT.BatchSMR.0207



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
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

	AIHA	Registry Program, LLC	AIHA-LAP, LLC N	10. 100100		
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 labora	tory.		
Analytical Method	: Phase Contrast Microscopy - NIOSH 74	400 Method Revision #4, Issue 2, August 15	, 1994			
Comments:	Method requires submittal of blanks. R IATL assumes that appropriate samplin This confidential report relates only to t	ample has been overloaded with particulate reporting Limit based upon 7 f/mm². These regmethods were used and that the data upon those item(s) tested and does not represent an (CV) values from low to high fiber ranges a	esults are not blank corrected. which these results are based, has be endorsement by NIST-NVLAP, All	en accurately supplied by the client. HA or any agency of the U.S. government		
Date Received:	10/5/2011					
Date Analyzed	:10/6/2011		Approved By:			
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director		

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Dlad

OH

Report Date:

10/6/2011

Report Number: 254002

Project: Cleve

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
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

Accreditation:		egistry Program, LLC	AIHA-LAP, LLC N				
	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 740	0 Method Revision #4, Issue 2, August 15, 199	4				
Comments:	Method requires submittal of blanks. Rej IATL assumes that appropriate sampling This confidential report relates only to the	mple has been overloaded with particulate matte sorting Limit based upon 7 f/mm². These results methods were used and that the data upon which see item(s) tested and does not represent an endo CV) values from low to high fiber ranges are 0.2	s are not blank corrected. In these results are based, has be rement by NIST-NVLAP, AII	en accurately supplied by the client. HA or any agency of the U.S. governmen			
Date Received:	10/5/2011						
Date Analyzed:	10/6/2011		Approved By:				
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director			

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ОН

Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
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

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:

Analyst:

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/mm². 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

 B. Reich

Approved By: ___

Frank E. Ehrenfeld, III Laboratory Director

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
4445142	092711-06	EXC:Scott Cline#1222;S.End Line&SealLoadDumpstersRanBobcat	60	2.65	<0.0470
4445143	09 27 11-07	PRS:Scott Cline#1222;S.End Line&SealLoadDumpstersRunBobcat	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-LAP, LLC No. 100188 AIHA Registry Program, LLC

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 [/mm². 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 10/6/2011 Date Analyzed:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

B. Reich Analyst:

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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OН

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 (<u>Liters)</u>	Density (Fibers/mm²)	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 N	lo. 100188		
Accreditation:	This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, A!HA or any agency of the U.S. government					
Analytical Method	: Phase Contrast Microscopy - NIOSH 7	This report shall not be reproduced except in full. 400 Method Revision #4, Issue 2, August 15,		tory.		
Comments:	Method requires submittal of blanks. I IATL assumes that appropriate sampli This confidential report relates only to	sample has been overloaded with particulate m Reporting Limit based upon 7 f/mm ² . These re ng methods were used and that the data upon w those item(s) tested and does not represent an of n (CV) values from low to high fiber ranges are	sults are not blank corrected. which these results are based, has be endorsement by NIST-NVLAP, AII	on accurately supplied by the client. HA or any agency of the U.S. governmen		
Date Received:	10/5/2011					
Date Analyzed	10/6/2011		Approved By:			
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director		

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 <u>(Liters)</u>	Density (Fibers/mm²)	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 Bidg.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:

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 - NIOS11 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/mm². 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

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ОН

Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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, LL	C AIHA-LAP, LLC N	No. 100188			
Accreditation:	This confidential report relates only to those item(s) tested and does not represent an endorsement by MST-NVLAP, AIHA or any agency of the U.S. government					
	This report shall not be reproduced	except in full, without written approval of the labora	ntory.			
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 p Method requires submittal of blanks. Reporting Limit based upon 7 f/mr IATL assumes that appropriate sampling methods were used and that the This confidential report relates only to those item(s) tested and does not r Current annual Coefficient of Variation (CV) values from low to high fit	n ² . These results are not blank corrected. data upon which these results are based, has be epresent an endorsement by NIST-NVLAP, All	ten accurately supplied by the client. HA or any agency of the U.S. governmen			
Date Received:	:10/5/2011					
Date Analyzed	:10/6/2011	Approved By:				
Analyst:	B. Reich		Frank E. Ehrenfeld, III Laboratory Director			

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

B. Reich

Analyst:

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OH

44122

Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
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

Page 1 of 1

Frank E. Ehrenfeld, III

Laboratory Director

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
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 Pr	ogram, LLC	AIHA-LAP, LLC N	o. 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 n	ot be reproduced except in full, w	thout written approval of the laborat	rory.
Analytical Method:	Phase Contrast Microscopy - NIOSH 7400 Method Revi	sion #4, Issue 2, August 15, 19	994	
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/mm². 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. governme 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		Approved By:	
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

44122

Report Date:

10/6/2011

Report Number: 254002

Project:

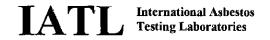
Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (<u>Liters)</u>	Density (Fibers/mm ²)	Concentration (Fibers/cc)
4445175	093011-06	EXC:Scott Cline#1222 E.Side S.Line&SealDumpstcr	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 Omallay#1708 SE CleanConcreteByHand	60	2.65	<0.0470
4445178	093011-09	PRS:James Omallay#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 N	lo. 100188			
Accreditation:	This confidential report relates o	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, with	out written approval of the labora	tory.			
Analytical Metho	d: Phase Contrast Microscopy - NIOSH 7	400 Method Revision #4, Issue 2, August 15, 1994	4				
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/mm². 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 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	d: <u>10/5/2011</u>						
Date Analyze	d;10/6/2011		Approved By:				
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director			



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	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 N	lo. 100188			
Accreditation:	This confidential report relates o	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 ful	l, without written approval of the labora	tory			
Analytical Metho	d: Phase Contrast Microscopy - NIOSH 7	7400 Method Revision #4, Issue 2, August 15	5, 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/mm². 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. governs 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	i: 10/5/2011						
Date Analyze	d:10/6/2011		Approved By:				
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director			

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/mm²)	Concentration (Fibers/cc)
4445185	100311-06	EXC:Scott Cline#1222 DcconAreaCleaningByHand	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 Omallay#1708 DeconAreaCleaningUsingBobcat	60	2.65	<0.0470
4445188	100311-09	PRS:James Omallay#1708;DeconArea CleaningByHand&BobcatPressureWashcr	916	2.65	<0.0031
4445189	100311-10	Field Blank	0	1.33	NA

	AIHA	Registry Program, LLC	AIHA-LAP, LLC N	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 labora	tory.		
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/mm². 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 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 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		Approved By:			
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director		

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

Lab No.	Client No.	<u>Description / Location</u>	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
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:

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/mm². 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. governmen 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



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
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:		iy to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA This report shall not be reproduced except in full, without written approval of the labora	, , , ,
Comments:	A VOID concentration means that the sa Method requires submittal of blanks. Re IATL assumes that appropriate sampling This confidential report relates only to the	00 Method Revision #4, Issue 2, August 15, 1994 Imple has been overloaded with particulate matter and could not be reliably analogoriting Limit based upon 7 f/mm². These results are not blank corrected. In methods were used and that the data upon which these results are based, has be lose item(s) tested and does not represent an endorsement by NIST-NVLAP, All (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by	een accurately supplied by the client. HA or any agency of the U.S. governmen
Date Received:	10/5/2011		
Date Analyzed	:	Approved By:	
Analyst:	B. Reich		Frank E. Ehrenfeld, III Laboratory Director

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188



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: RCS ENUIRONMENTAL Project Number:
Office Address: 28/2 SHAKERCREST Project Name: CLEVELAND TRENCHER
City, State, Zip: BEACHWOOD, OH 44122 Primary Contact: MIXE SCHM.OT
Fax Number: Office Phone: 216-378,8997
Email Address: Cell Phone: SAME
RCSenu conmental RMSN.com
Matrix/Method:
A-PCM: NIOSH 7400
☐ PCM: OSHA ID-160
☐ TEM: NIOSH 7402
☐ TEM: AHERA 40 CFR 763
☐ TEM: ISO 10312
☐ TEM: ISO 13794
Cother
Special Instructions: PLEASE ANALYZE ALL "POSITIVE" RESULTS
SPEATER THAN 0.005 FLCC BY NIOSH 7402 (TEM).
DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 FLCK BECAUSE
OF DETECTION LIMIT AND SMALL SAMPLE VOLUME
Turnaround Time
Preliminary Results Requested Date: Specific date / time
10 Day 5 Day 3 Day 2 Day 1 Day* 12 Hour** 6 Hour** RUSH**
* Find of court business decomplant of business of Court of the Martin Donat and the Plant of the Laboratory design.
* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***
Chain of Custody
Relinquished (Name/Organization): Date: 10/4/2011 Time: 1800
Received (Name / iATL): Sample Login (Name / iATL): Date: Time: 7 5 2011
Sample Login (Name / iATL): Analysis(Name(s) / iATL): Date: Time: Time:
QA/QC Review (Name / iATL): Abr 10-7-11 Date:Time
Archived / Released: QA/QC InterLAB Use: Date: TAT Time DY

Celebrating 15 years, tone sample at a time www.lath.com



-Airborne Asbestos -

Client: Precision	Project: Cleveland Trencher

Sampling Date: 9/26 - 9/27

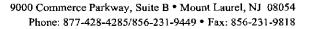
	Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results (
	092411-01	4445127 🗸				南	1107	2.65 <0,0025
	092611-02	4445128				€	1107	265 <0,0025
	09241-03	4445129				MB	1110	265 <0.0025
Į	092611-04	4445130 /				760	1448	265 <0.0019
	092611-05	4445131				あ	NA	1.33
	092611-06	4445132 /				急	60	2.65 <0.047
	092611-07	4445133 🗸				760 TO	706	265 < 0,0040
	092611-08	4445134		·		磊	60	265 < 0.047
	092611-09	4445135 🗸				急	7/2	2,65 < 0,0039
	0926/1-10	4445136 V				协	NA	133
	092711-01	4445137				悬	1347	265 <0,0021
	092711-02	4445138 ~				磊	1326	265<0,0021
1	092711-03	4445139 /	_			孟	1323	2.65 < 0.6021
	092711-04	4445140 V				700	1684	2.65<0.0017
	092711-05	4445141				あ	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 NIDEP conditions apply.





-Airborne Asbestos -

Client: Precision	Project: Cleveland Trencher
Sampling Date: 9/27 - 9/28	

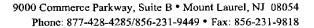
Client Sample#	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results /
092711-06	4445142	_			危	60	265 <0,047
092711-07	4445143 ~				启	874	265 < 0.0032
092711-08	4445144 /				700	60	265 <0,047
0927/1-09	4445145			}	彦	874	2.65 < 0.0032
09271-10	4445146 V				100	90	265 < 0.031
092711-11	4445147				危	1287	265 40,0002
092711-12	4445148				to	NA	1.33
092811-01	4445140				700	1296	2,65<0.002
092811-02	4445150				76	1296	4 <i>6</i> 5<0.002
092811-03					斋	1290	265 <0,0022
092811-04	4445152 /				2	1620	265<0,0017
092811-05	4445153 ~	`		<u> </u>	12 150	1326	265 <0,0021
092711-06	4445154				700	NA	1.33
092811-07	4445155				启	30	2,65 < 0.094
0 72811-08	4445156 /				100	840	265 <0.0033

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 NJDFP conditions apply.

^{* =} 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.





Client: Precision		Project:	Cheveland Trencher	_
Sampling Date:	9/28-9/29			

	Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results f
	092811- 09	4445157				100	31	265<0.091
	092811-10	4445158				150	842	265<0,0033
	092811-11	4445159				100	NA	1.33
. .	092911-01	4445160				76	1296	2.65 < 0,0022
	092911-02	4445161 ~				2 1600	1284	265 <010012
	092911-03	4445162				2 kg	1260	265 <0,0022
	092911-04						1620	2,65 < 0,0017
	092911-05	4445163 V 4445164 V				to	NA	1.33
	092911-06	4445165 ~				孟	62	2.65-<0.045
	092911-07	4445166				孟		2. 8 5 <0.033
	092911-08	1445167					60	265<0.047
	092911-09	4445168				1	852	2,65<0,0033
_	072911-10	4445169				あ	NA	1.33
				-				, , ,

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

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

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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

Client: <u>Precision</u>	Project: Cleveland Trencher
Sampling Date: 9/30 - 10/3	

_	Client Sample #	iATL [?] #	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	Area (ft2) Volume (L)	Results for
	0 93011-01	4445170				高	1137	265 <0.0025
	093011-01	4445171				福	1146	265 < 20.0025
	093011-03	4445172 /				38	1141	245 < 0.0024
	093011-04	4445173				<i>i</i> 65	1480.	265 <0.0019
\ -	093011-05	4445174	·			あ	-NA	1.33
	093011-06	4445175 /				2	60	265 < 0.047
	093011-07	4445176 -				2 60	810	265 < 0.0035
	093011-08	4445177				台	60	2.65 < 0.047
	093011-09	4445178 /				â	814	265 <0.0035
`	093011-10	4445179				700	NA	133
-	100311-0(4445180		- proper to an emission		100 AS	1401	2,65 <0,0020
	100311-02	4445181					· ''	265 < 0,0020
!	100311-03	4445182				虚	1404	265 <0.0020
	10311-04	4445183				磅	1398	2.65 < 0.0020
	10311-05	4445184				760	N A	1.33

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

^{** =} Insufficient Sample Provided to Analyze (<50mg) *** = Matrix | Substrate Interference Possible

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-Airborne Asbestos -

Client: Precisa	n	Project:_	Cheveland	Trenchen	
Sampling Date:	10/3-10/4				

Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results A
10311-06	4445185				2	60	265 < 2017
100311-07	4445186				高	914	265 <0,003/
100311-08	4445187				孟	60	265 < 0.047
100311-09	4445188 -				2	916	26520,0031
100311-10	4445189				Tota	N4	1.33
100411-01	4445190				2	1326	265<0,0021
100411-02	4445191 ~				产	1326	2.65<0.0021
100411-03	4445192 ~				£6	/3/1	265<0.0021
100411-04	4445193				7	1332	265<0.0021
> 100411-05	4445194					NA	1.33_
100911-06	4445195				南京	60.	265<0,047
100411-07	4445196				悬	818	265 <0,0034
100411-08	4445197				西	NA	1.33
	10202						

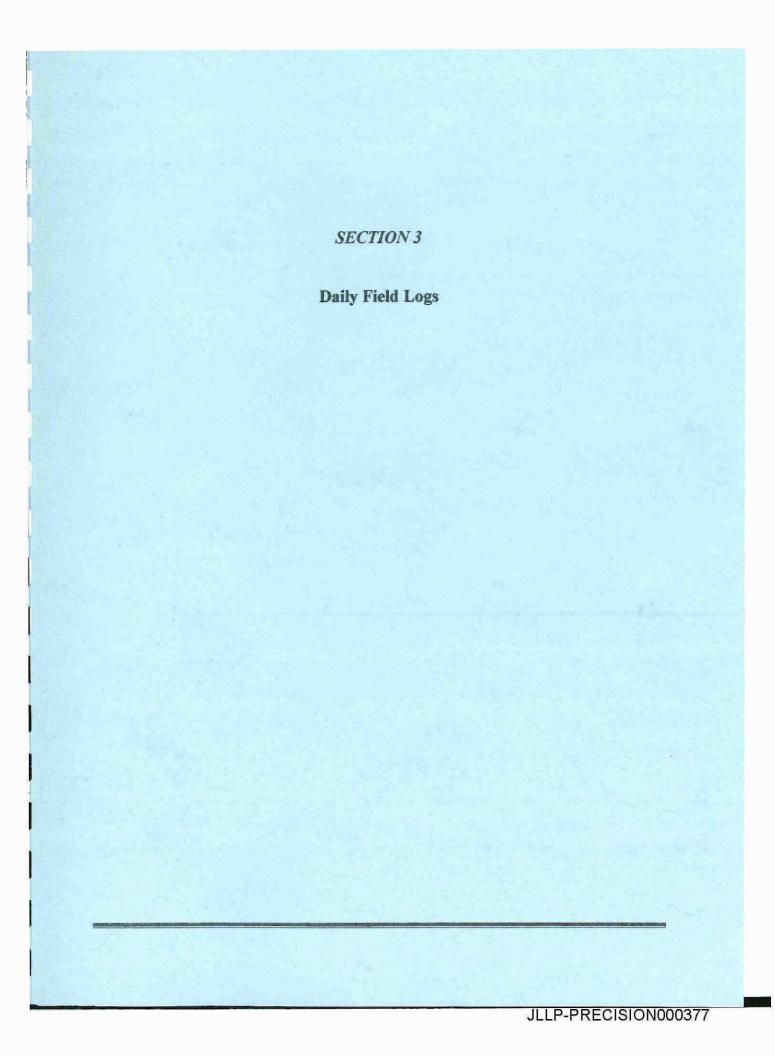
Collectioning 15 years were congressed a trace access buildings

^{* =} Insufficient Sample Provided to Perform QC Reanalysts (<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.





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

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:
0700 Ceal Brannon on-site for RCS and Mike Schmidt of RCS. Kenny Yates and Rodne
Warrens on- Site for Precision Env. Andrew Kiel of Weston Solutions for EPA
Weather 62°F Winds 5 MPW SE
OBDO Mike Schmidt off site Presision 2 Workers unload equipment supplys and setup Decon area. Cocil Brannon setup bookground samples
and Set up Decon Area. Coll Drannon Set up Book ground Samples
1000 Precision is fixing the fanceing around The propty Cecil Brances of RES and Andrew Kiel of Weston Solutions Work the office
Building They founded 9x9 floor 2x4 Ce ling like, 9x9 Culting & Brown Martick give also
Paper book act on the Floor though out the builty They Sound Pipe Insultan
most about the ceiling in good Condution.
UDD The 2 Worker for Pression Start Sealing Windows With Glue tame & Pake on the
2nd Floor of office building Start in the North West Working East
2nd Floor of office buildry Start in the Northwest working East 1140 Precision Stop for Lunch
1230 Precision are on 2nd Floor office buildry Scaling Windows
1230 Precision are on 2nd Floor office buildry Scaling Windows 1445 Workers Cleanup for end of Shift
1530 Precision, Weston Solutions and KCS off-Site
INFORMATION OR ACTION REQUIRED BY CONTRACTOR:
INFORMATION OR ACTION REQUIRED BY RCS:
INFORMATION OR ACTION REQUIRED BY THE OWNER:
IN ONWATION ON ACTION REQUIRED BY THE OWNER.
DISTRIBUTION
OWNER
CONTRACTOR
RCS OFFICE
FIELD OFFICE
LABORATORY
REPORTED BY:
REPORTED BY:

(5)	RCS Environmental Group
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ASBESTOS AIR MONITORING REPORT

Date	8/23/2011
Client	
Project	
Project No	
Analytical Mai	thod

SAMPLE I.D.	PLE I.D. SAMPLE WORKERS NAME		SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082311-01A	BGD	·		Westside of Property Southpass end of Build		
0823/1-02A	BGD			Westside of Property @ Westside Gate		
082311-03A	BGP			Southwest corner of Property		
082311-04 A	BGD			South center of Propert		
082311-05A	BGP			Eastside East of Propert		
082611-06A	BGD			Northend inside Decon Area		
082511-07 A	FB			Field Blank		
						<u> </u>
						'
						1

ANALYTICAL INFORMATION

					INCLINA	AL INTO	11414						
SAMPLE I.D.	PUMP#	CALIB. FLOW RATE (L/min)		ATE (L/min) RUNNING TIME (min)	VOLUME	FIBERS/	FIBERS/	LOQ FIBERS/	FIBER/cm				
	LAMIL #	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS	FIELDS	ກາກະ (Blank Corr)	om ₃	(Blank Corr)
082341 - 01A	20	2.0	2.0	2.0	6808	1449	401	802					
092311-02A	74	2.0	2.0	2.0	0810	1452	402	904					
082311-03A	49	2.0	2.0	2.0	09/3	1435	402	804					
082311-04A	99	2.0	2.0	2.0	0819	1458	399	798					
082311-05A	87	2.0	2.0	2.0	0814	1500	396	792					
082311-06 A	54	2.0	2.0	2.0	0832	1504	394	788					
082311-07A	NA	NA	NΑ		NΑ								
		 	~ .						<u></u>		<u></u>		

	KEY TO ABBREVIATIONS SAMPLE TYPE ACTIVITY RESPIRATOR		
SAMP	LE TYPE	ACTIVITY	RESPIRATOR
RS = personal	FC = final clearance	REM = removal	HM = haff mask

HEX = heps exhaust FB = field blank BC ikgroui EXC = excursion IWA = Inside work area DWA = work r REM = removal
CLN = clean-up
GLBG = glovebag
z waste

HM = nan mask
FF = full face
P = powered
= air pt 580.

Comments _____

Sampled by Date 8

Date 8/23/2011

RCS Environmental Group	
Group	

ASBESTOS AIR MONITORING REPORT

Date	8/23/2011
Client	
Project	
Project No.	
Analytical Meth	od

DESCRIPTIVE INFOR	RMATION
SOCIAL SECURITY #	LOCAT

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR
08232011-08	PRS	Rodney Warrens	2410	A In Decon Area Setup unload Supple		
08132011-09	Exc	Rodney Warrens	2410	Ind Floor Office Building Sealing Window		<u> </u>
08232011-10	PRS	Rodney Warrens	2410	2nd Floor Office Building Seuling Window		<u> </u>
08232011-11	FB			Field Blank		<u> </u>
]
						,

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP#	CALIB. FLOW PATE (L/min)			RUNNING TIME (min)			VOLUME	FIBERS/	FIBERS/	LOQ	FIBER/om ³
		BEGINNING	END	AVERAGE	START	STOP	DURATION	(Litere)	FIELD8	mm² (Blank Corr)	FIBERS/ om³	(Blank Corr)
08232011-08	KYT	7.0	2.0	2.0	0848	11:39	171	342				
08232011-09	KY)	2.0	2.0	2.0	1230	1300	30	60				
08232011-10	KYI	2. v	2.0	2.0	1300	1445	105	210				
08232011-11	NA	NA	NA									
	······································									<u> </u>		
		1								'		ľ

	KEY TO ABBREVIATIONS	
MPLE TYPE	ACTIVITY	RESPIRATOR

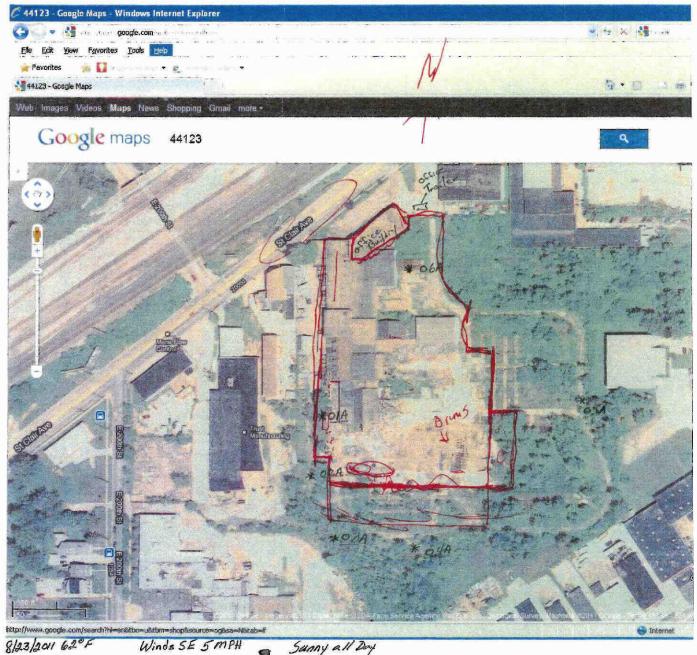
PRS = parsonal HEX = heps exhaust FB = field blank BC = okgros

FC = final clearance EXC = excursion IWA = inside work area
OWA : """ work ;""" REM = removal
CLN = clean-up
GLBG = glovebag

HM = half mask FF = full face P = powered

APR = air purifying resp. Comments Start 18836 0830, June 1130-1230 Stop Work 1445

Sampled by Date





DATE:_	8/24/20	11	
PROJEC	т:		
	EPORT No.:	2	
PAGE /			

FIELD OBSERVATIONS:
0700 Ceail Brancon on-site for RCS Kenny Yates and Rodney Warrens on-sit for Precision and Andrew Kiel on-site for Weston Solutions for the EPA
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 1 6he
On the 2nd floor of Office building 0730 Rain has Stoped
9800 Emly Wolf of Precision on site to go over work with Kenny Yents
P800 Precision Delivery of trail Water track and other component
1100 EMN Wolf off - site Kenny Vates is Risin Bobcat to Clean up aren for
Cleaning (Deconing) Trucks for loading out debics (Acm) Roday Warren on
2nd floor office building 2nd floor Scaling Windows
1200 Precision Stop for Lunch Temp 80°F Winds 5W at 16 MPH
1230 Worker will be on bobcat set up Decon area / Worker or 2nd loor
of Office building Sealing Windows
1500 Cecil Brannon Collect Background and presonal 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:

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Date	8/24/2011
Client	
Project	

			DESCRIPTIVE INFORMATION Analytic				
SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #		LOCATION	ACTIVITY	RESPIRATOR TYPE
8242011-08	P&S	Rodney Warrens	2410	Office Building	2nd Floor Sealing Windows	Prep	
8242011 -09	EXC	Rodney Warrens	2410	Office Buldy	znd Floor Senling Windows	Prep	
8242011 - 10	P&S	Rodner Warrens	2410	office Buildi.	y 2 Hoor Seculing Windows	Prep	
8242011-11	FB			Field (
			 				
				 			
	· · · · · · · · · · · · · · · · · · ·						
				-		- 	
							

ANALYTICAL INFORMATION

SAMPLE I.D. PUMP #	Dillio 4	CALIB. FLOW PATE (L/min)					VOLUME	FIBERS/	FIBERS/	LOQ	FIBER/om ²	
	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS	ithim ^a (Blank Corr)	FIBERS/ om ^s	(Blank Corr)	
8242011-08	Pol	2.0	2.0	2.0	0728	0758	30	60				
8242011-09	901	2.0	20	2.0	0758	1214	256	512				1
8242011 - 10	901	2.0	2.0	2,0	1214	1515	181	362				
8242011-11	NΑ	NA	NA	NA	NA	NA	-					
						h	<u> </u>				· · · · · · · · · · · · · · · · · · ·	
			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
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			· · · · · · · · · · · · · · · · · · ·				1					
								 				
		†					 		1		······································	

Comments

		KEY TO ABBREVIATIONS	
SAMPLE	TYPE	ACTIVITY	RESPIRATOR
PRS = personal HEX = hepa exhaust PD = field blank E sckgro	FC = finst clearance EXC = excursion tWA = inside work area OWA = work	REM a removal GLN = clean-up GLBG = glovebso - = wast ul	HM = half meak FF = full face P = powered 1 = alr p resp.

RCS Environmental Group	

Date	8/24/2011
Client	
Project	
Project No	
Analytical Mo	athod

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
82411 - 01B	BGD			Westside of Property Southpassend of Builde		
082411-028	BGD			Westside of Property E Westside Gate		
082411-033	BGD			Southwest Corner of Property		
082411-04B	BGP			South Center of Property		
082411-05B	Ð GD			Eastside East of Property		
082411-068	BGD			North endinside Decon Aren		
082411-07B		,		Field Black		
			!			
						
						
						

ANALYTICAL INFORMATION

CHARLES IN ACTUALISM												
SAMPLE I.D.	DI MAD 4	PUMP # CALIS. FLOW RATE (L/min)		(L/min)	RUNNING TIME (min)			VOLUME	FIBERS/	FIBERS/	LOQ	FIBER/om ^a
	rumr #	BEGINNING	END	AVERAGE	START	8TOP	DURATION	(Liters)	FIELDS	Mm² (Blank Corr)	FIBERS/ om ³	(Blank Corr)
082411-01B	20	2.0	2.0	2.0	0825	1452	387	774				
082411-023	79	2.0	2.0	2.0	08130	1454	384	768				
082411 -03B	99	2.0	2.0	2.0	0814	1455	381	742				
082411-04B	49	2.0	210	2.0	0839	1501	382	764				
082411-053	87	2.0	2.0	2.0	0842	1506	384	762		1		
082411-06B	54	2.0	z.0	2.0	6850	1512	382	764				
082411-073	NA	NA	NA	NA	NΑ	NA						
										<u> </u>		
-					-							

	KEY TO ABBREVIATIONS
SAMPLE TYPE	ACTIVITY

PRS = personal
HEX = heps exhaust
FR = field blank
Bi - ckgrou

FC = final claurance EXC = excursion (WA = inalds work erea OWA = work (REM = removal CLN = clean-up GLSG = glovebag = waste HM = half mask

FF = full face

P = powered

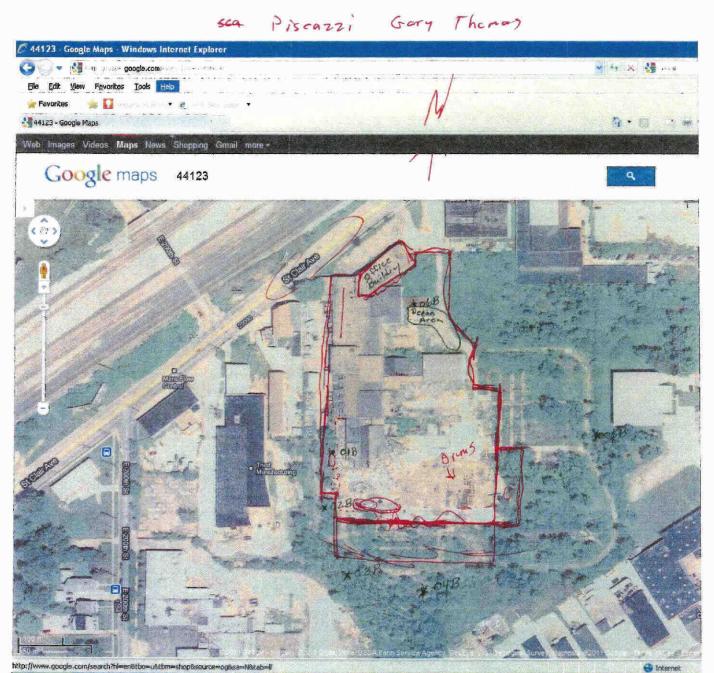
= air pt 18p.

RESPIRATOR

Comments _____

Sampled by

Date 8/24 2011



8/24/2011 640-85°F Wind SW6-18M74 Rair Trun To Sunny

8/24/11
0200640 T Wind 6 with gost 18,1
1200 80 F Wind 5 W L6MPh
1200 80 F W L6MPh
1

6 Backgrounds B 3 Personuls



DATE:	8/25/2011	
PROJECT:		
FIELD REP	ORT No.:_ 3	
PAGE 1		

	FIELD OBSERVATIONS:
0700	Cecil Brannon on-sit for RCS Kenny Yates and Kodney Warrens on-site for Precision and
	Andrew Kiel on -sit With Weston Solutions. A Storm come though over night some of the play over caving the window in a ffice Building 2nd floor come lose Precision is reseal Window 1st.
. بال	Over Caving the window in Office Building And floor come lose Precision is resent Window !"
- 77 .	Temp 70 F Winds NW 12 MPH.
	I Worker's sealing Window on 2 de Flour of Office Building and I Worker is certing foly wood to cover opening to the 1st Flour Office building
0800	Cesi Brannon of RCS Setup Bock groundair Somples Thoughout Provision Icsord a spage Delivery
•	CENT CHANGE OF ACT SETUP DIRECTORING AND SETUP DESTRUCTION TO THE RESIDENCE OF THE PERSON OF THE PER
1200	Precision Stop work for lunch Temp 75° Winds WNU 12 MPH
1230	Whiter for treesion will be using Play to Seal up Window on 1st floor afthe Office Building and Illorler Patting Play wood over door opening as 1st floor of Office Building to Secure and isolate work area from the Office Building
	and Ildorler Patting play wood over door opening as 1st flooraf Office Building to
,	Secure and isolate work area from the office Building
	Precisions E tectricianis on site to first connecting electricity to the Job Thirect
1/1 /	34.2
175	O Cecil Brannen Collect Back ground sample
150	O Precision Ckun up for end of Slift
أميرو	30 Precision and RCS off-5.te
100	N Trecision and ACS 218 3.7E
	INFORMATION OR ACTION REQUIRED BY CONTRACTOR:
	INFORMATION OF ACTION PROLUDED BY BOOK
	INFORMATION OR ACTION REQUIRED BY RCS:
	INFORMATION OR ACTION REQUIRED BY THE OWNER:
	DISTRIBUTION
	OWNER
	CONTRACTOR
	RCS OFFICE
	FIELD OFFICE
	LABORATORY
	— — // <i>M</i>
	DEPORTED BY.
	REPORTED BY:

RCS Environmental Group
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Date	8/25/2011
Client	
Project	
Project No.	

		DESCRIPTIVE INFO	DRMATION	Analytical Method			
SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY N		LOCATION	ACTIVITY	RESPIRATOR TYPE	
PRS	Rodney Warrans	2410	Office Building	Ad Floor Sealing Windows	Preo		
EXC	Rodney Warrens				Prep		
PR5					Prep		
FB							
			/				
	1					1	
	PRS PRS PRS	PRS Redney Warrans FRS Redney Warrans PRS Redney Warrans	BAMPLE TYPE WORKERS NAME SOCIAL SECURITY N PRS Rodney Warrens 2410 PRS Rodney Warrens 2410 PRS Rodney Warrens 2410	PRS Rodney Warrens 2410 Office Building 2 EMERIC Rodney Warrens 2410 Office Building 2 PRS Rodney Warrens 2410 Office Building 2 PRS Rodney Warrens 2410 Office Building	BAMPLE TYPE WORKERS NAME SOCIAL SECURITY IN LOCATION PRS Redney Warrens 2410 Office Building 2nd Floor Sealing Windows EXECT Redney Warrens 2410 Office Building 1st floor Sealing Windows PRS Redney Warrens 2410 Office Building 1st floor Sealing Windows PRS Redney Warrens 2410 Office Building 1st floor Sealing Windows	BAMPLE TYPE WORKERS NAME SOCIAL SECURITY N LOCATION ACTIVITY PRS Rodney Warrens 2410 Office Building 2nd Floor Sealing Windows Prep PRS Rodney Warrens 2410 Office Building 1st floor Sealing Windows Prep PRS Rodney Warrens 2410 Office Building 1st floor Sealing Windows Prep	

ANALYTICAL INFORMATION

THIS I THE THE THE TAX												
SAMPLE I.D.	PUMP #	ÇALIB,	CALIB, FLOW RATE (L/min)			RUNNING TIME (min)			FIBERS/	FIBERS/	LOQ	FIBER/cm ³
	romr π	BEGINNING	END	AVERAGE	START	8TOP	DURATION	VOLUME (Liters)	FIELD8	(Blank Corr)	FIBERS/	(Blank Corr)
8250011-09	Pol	2.0	20	2,0	0724	1239	315	630				
8252011-10	Pol	2	2,0	2.0	1239	1309	30	60				
8252011 - 11	P01	2	2.0	2, 0	1309	1520	131	262				
8252011 - 12	NA	NA	μp		NA	NA						
		 										
		 -		J	 							<u> </u>
		 				<u> </u>						
		 		ļ								
												
		1		1			1					

KEY TO ABBREVIATIONS								
SAMPLE	TYPE	ACTIVITY	RESPIRATOR					
PRS = personal HEX = hapa exhaust FB = field blank	FC = final clearance EXC = excursion IWA = inside work s/sa	REM = removat CLN = cisen-up GLBG = glovebag	HM = helf mask FF = tulk face P = powered					
3G karour	IWA = work =	wasta.	- AIC 700 - P.D.					

RCS Environmental	ļ

Date	8/25/2011
Client	
Project No.	
Analytical M	ethod

DESCRIPTIVE 1	NFOR	IM/	ATI	ON
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SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082511 - 01A	BGD			Inside Building Southendby Center of standing Barto		
082511-01A	3G D			Westside of Property C Westside Gate	<u> </u>	<u> </u>
082511-03A	BCO			Southend of Property Near Center of South Edic		<u> </u>
082811-044	BGD			Eastside in the Southend		
082511-03A	BGD			Eastside of Property Near Center of Eastside		
082611-06A	BCD			Southside of Decon Area		
082511-074	BCD			Northand of Property Fast of Office Build.	1	
08231-084	FB			Field Blank		
		<u>, 1 - 1 - , , - 1 - , , , , , , , , , , </u>				
						

ANALYTICAL INFORMATION

		CALIB. FLOW RATE (L/min) RUNNING TIME (min)				T		FIBERS/	LOQ	FIBER/om ^a		
SAMPLE I.D.	PUMP#							VOLUME (Liters)	FIBERS/ FIELDS	mm _s	PIBERS/	(Blank Corr)
·		BEGINNING	END	AVERAGE	START	STOP	DURATION	(Firmin)	Tipaco	(Slank Corr)	om ³	(Billin Gori)
0825/1-014	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	2.6	0826	1458	392	784				
082511-04A	99	2.0	2.0	2.0	0833	1459	386	772				
082511-05 A	81	2.0	2.0	2.0	0837	1503	386	772				
082511-06A	79	2.0	2.0	2.0	0841	1505	384	768				
082511-07 A	P02	2.0	2.0	2.0	0849	1509	380	760				
082511-08A	AN	NA	NΑ	NA	NΑ	NA	NA					
	*********		· · · · · · · · · · · · · · · · · · ·								<u> </u>	
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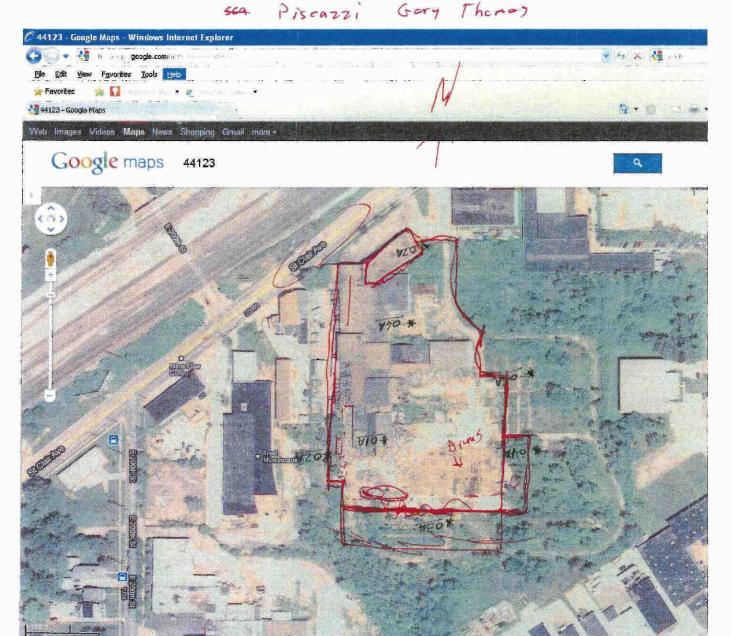
Comments

KEY TO ABBREVIATIONS								
SAMPLE	TYPE	ACTIVITY	RESPIRATOR					
RS = personal EX = heps exhaust	FC = final clearance EXC = excursion	REM = removal	HM = half mask FF = full face					
3 = field blank	IWA = inside work area	CLN = clean-up GLBG = cloveb=c	P = Privaced					

Sampled by

Presonal 3 samples

Internet



http://www.google.com/search?hi=en8tbo=u8.tbm=shop8source=og8sa=N8tab=if 8/25/2011 70°F Winds NW 12mph Sunny



DATE: 8/26/2011	<u>/</u>	
PROJECT:		_
FIELD REPORT No.:	4	_
PAGE		

FIELD OBSERVATIONS:
6700 Cecil Brannon on-site for RCS, Kenny Yates and Rodney Warrens on-site for
Precision and Andrew Kielon-steWith Weston Solutions, I Worker (Rodney Warrens)
is senting Window with Poly Tope on 13 floor Southeast of Office Building. Ilborker
Kenry Yates) is work in Decon area unloading Sappys and set up the area.
Temp: 3 71°F Winds North OMPH. Overlast see Sot Back ground + Presonal Sample
0900 Mike Same of Georgiand EPA walk around with Kennylates of Precision
1000 Mike Same cof Clev EPA off. S. to No Problem Kenny Vates go back To Setup Decon Area
Radney Warrens comtinue scal Window 1st-floor Eastside of Office building
200 Lunch Temp 73°F Wind NETMAN.
1230 Rodney Warrens will be sealing Window 18+ floor Southside of Officebuildy
Kenny Yate will firsh set up of Water truck watchwill be use for Keeping debirat
1300 Kenny Vale is in the Bobcat marine the word (Bid 18-12/20) out of the way in
side the building after he made sourit was well
1880 Kenny Yute is done moving word water Track is working continue set Decon area
Rodney Warrens is sealing wondow in Southsole of office Building
Cecil Branze RCS Collect Background samples.
1530 Presision Westonsolutions and RCS Off-site
INFORMATION OR ACTION REQUIRED BY CONTRACTOR:
INFORMATION OF ACTION PROCUPED BY DOC.
INFORMATION OR ACTION REQUIRED BY RCS:
· · · · · · · · · · · · · · · · · · ·
INFORMATION OF ACTION REQUIRED BY THE OWNER.
INFORMATION OR ACTION REQUIRED BY THE OWNER:
DISTRIBUTION
DISTRIBUTION
OWNER
OWNER
CONTRACTOR
RCS OFFICE
FIELD OFFICE
LABORATORY
114/
REPORTED BY:
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RCS Environmental Group	

Date	8/26/2011
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Project	Trencher
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			DESCRIPTIVE INFO	ORMATION	Analytical Method				
SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #		LOCATION	ACTIVITY	RESPIRATOR TYPE		
082611-09	EXC	Rodney Warrens	2410	office Building	1st floor Scaling Windows	Prep			
082611- 10	PRS	Rodney Warrens	2410		y 1st Spor Scaling Windows	Prep			
082611-11	PRS	Rodney Warrens	2410	office Building	1st-floor sealing Windows	Prep			
082611-12	FB			Field	Blank				
							1		
							,		

ANALYTICAL INFORMATION

								,	 	T. T		
SAMPLE I.D.	O. PUMP# CALIB.		FLOW RATE	(L/min)	RU	NNING TIME	(min)	VOLUME	FIBERS/	FIBERS/ mm²	LOQ FIBERS/	FIBER/om ⁴
	, water #	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Litere)	FIELDS	(Biank Corr)	om ³	(Blank Com)
082611 - 09 082611 - 10 082611 - 11	P01	2.0	2.0	2.0	0729	0801	32	64				
082611-10	11	2.0	2. 3	7.0	0801	12.05	30084	368				
082611-11		20	2.0	2.0	1208	1508	2-9508					
082411-12												
											-	
						······································					· · · · · · · · · · · · · · · · · · ·	
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KEY TO ABBREVIATIONS								
SAMPLE	TYPE	ACTIVITY	RESPIRATOR					
PRS = personal HEX = heps exhaust FB ==== hlank BG ==== kgroun	FG = final clearance EXC = excursion IVA = incline work erea . WA = c ook an	REM = removał CLN = clean-up GLSG = glovebno waste :	HM = half mask PF = full face P = powered = air pt = sap.					

Comments				
Sampled by			Date	

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Date	8/26/2011
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Project N	0
Analidiani	Method

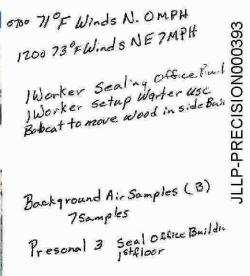
DESCRIPTIVE I	NFORMATION
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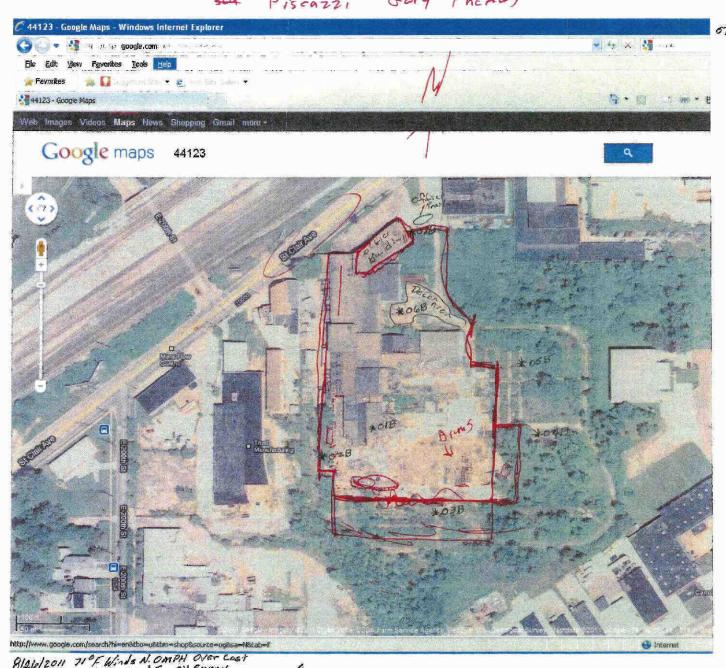
			DECOIN THE STATE			
SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR
82611- 018	BGD			Toside Builling Southerd by Center of Standing Buill		
32611- 02B	BGD			Westside of Proporty C Westside Gate		
B2611 - 03B	BGD			South end of Property New Center of South		
32411 - 04B	BGD			Easteide in the Southend		
82611 - OSB	BGD			Eastside of Proporty Near Center of Eastside		
82611 - 068	B ಮ			Southside of Decon Area		
82611-073	BGD			Northend of Property East of Office Buildy		
82611 - 088	FB			Field Black		
						
						<u> </u>
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ANALYTICAL INFORMATION

					INCH IIV	<u>VP 1141 A11</u>	1414111411					
SAMPLE I.D.	PUMP#	CALIB. FLOW RATE (L/min)		RUNNING TIME (min)			VOLUME	FIBERS/	FIBERS/	LOQ	FIBER/om	
		BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS	(Blank Corr)	FIBERS/	(Blank Corr)
82611 - OIB	49	2.0			0230	1335	345	730				
82611 OaB	20	2.0			0732	1338	364	732				
082611-033	54	2.0			0735	1340	365	730				
082611 - O4B	99	2.0			0237	1342	365	720				
082611- 05B	87	2.0			0740	1344	364	728				
082611- 063	79	2.0			0744	1345	361	722				
082611- 0713	Poz	7.0			0747	1550	363	726				
082611-088	NA											
												
		j !			. , ,	1	<u> </u>					

		KEY TO ABBREVIATIONS		Comments	
SAMPLE	TYPE	ACTIVITY	RESPIRATOR		
PRS w personal HEX = heps exhaust PB = field blank B(skgrov	FC = finsi plearance EXC = excursion IWA = inside work area OWA = work i	REM = removal CLN = clean-up GLBG = glovebag = wasts t	HM = half meek FF = full face P = powered = alr pt	Sampled by	Date





8/26/2011 71°F Winds N. OMPH Over Cost 73°F Winds NEMPH Swany





DATE:	8/29/201	7	
PROJEC	T:		
	EPORT No.:	5	
PAGE	·		

FIELD OBSERVATIONS:
0700 Cecil Brannon on-site for RCS Kenny Yates of site with Precision with 3 Workers Rondow, Scott Cline (1222) Daniel Schillero (286) Andrew Kiel on sit for
Workers Rondowy, Scott Cline (1222) Daniel Schillero (286) Andrew Kiel on sit for
Precision Work Today Use Bodent to more Debision pland Ballatorn for the convole
Skhofthe Truck Decon! RCS Site Mir + Presonal Samples.
One work is inside Build on a badeat suit TRESP maning Debai (in the North west) to the
Center aren of the Build One work wereny Suit 1 Respisues Water hole to keep the Deb.
Wet. Iwarkers Build Concert Lornes for Truck Decing Enstsideon Deconarea
1130 Presision Stort Pouring Conceder for The Truck Decon . 2 Worker are sait up in the Northwest of
the building I Worker using waterfale to wet bown the debir and I worker a Bebeat moving Debit
1200 Inneh Temp 72 Winds NW TMph.
1230 The Two Workers so tup contine wetting and Maring debisinto a pill. 1530 Weston Solution Precision and RES OFE-Site
1530 Wester dollution frecision and Ktd 0+6-5,76
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
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Client Precision	lient Precision	Date	8/29/2011
	alore March of Transper	Client	ecision
Project Cleveland Trenchev	IDIACI CIEVE MILL IF ENCIRC	Project	Cleveland Trenchev

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY#	LOCATION	ACTIVITY	RESPIRATOR
082911- 07	PRS	Rondney Warrens	2410	Northwest running water Hose Welling	CIN	нм
082911-08	EXC	Rondney Warrens	2410	Northwest runn, Water Hose W. Airi	CLN	HM
082411-09	P R3	Rondney Warrens	2411	Northwes runne, Water Hose Will:	CZN	Hn
082911-10	PRS	Scott Cline	1222	Northwest Bulling sunning Bodent Moving Debois	CLN	НМ
082911-11	EXC	Softcline	1222	Northwest of Building range Babant mony Debin	LLW	HM
082911-12	PRS	Scott Cline	1222	laborthwest of Build runne Police + movey Debris	CLW	HM
882911-13	FB	NA	NA	Field Blank		
						
	 	<u> </u>				
			 			

ANALYTICAL INFORMATION

						H- 1141 A11	INCH INCH					
SAMPLE I.D.	PUMP#	CALIB. FLOW RATE (L/min)		RUNNING TIME (min)			VOLUME	FIBERS/	FIBERS/	LOQ	FIBER/om	
ORIVIPEE I.D.	FUNC #	BEGINNING	END	AVERAGE	START	8TOP	DURATION	(Liters)	FIELDS	(Blank Corr)	FIBERS/ cm³	(Blank Corr)
082911-07	P01	2.0	2.0	2.0	0735	1059	204	408				
082911 - 08	P01	2.0	2.0	2.0	1059	1132	33	66				
082411-09	701	2,0	z. 0	2.0	1132	1510	220	440				
08291110	Po 2	2.0	Z. <i>0</i>	2.0	0732	1101	209	418				
082911-11	Po2	2.0	2.0	2.0	1191	1132	3/	62				
082911-12	POZ	2.0	2.0	20	1132	1519	219	438				
082911-13	NA											
								<u> </u>				
							1				<u> </u>	

KEY TO ABBREVIATIONS

SAMPLE TYPE

FC = final clearance

IWA winside work area

OWA = outside work area

EXC = excursion

PRS = personal

HEX = heps exhaust FB = field blank

BGD = background

ACTIVITY

REM = remove)
GLBG = glovebag
WLO = waste load-out

RESPIRATOR

HM = half mank
FF = full face
P = powered
APR = air purifying resp.

Comments Movedebis in Build-

Sampled by Cal # Date 8/29/24

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LP-PRECISION000396	_
P-PRECISION000396	\Box
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RCS Environmental Group

Date	8/29	/n
Client _	Precision	·
Project .	Cleveland	Trencher
Project :		
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DESCRIPTIVE INFORMATION

		DEOCULL HAR HALC	ZENTALION ANALYSIS	Wishlich Manior		
SAMPLE (.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SEGURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082911 - 01	OWN PER			Westside South passed end of Building	CLN	HM
0849(1- 02	AWAPER			lutataile e West Gare	CLN	HM
082911- 03	OWA PER			South end of Proporty Near Center of South	CLN	Ни_
082911 - 04	OWAPER			Eastside of Proporty Near Center	CLU	HM
092911 - 05	ew A PER			Southside of Deepn Aven	CLN	HM
082911-06	FB			Field Blank		
		,				
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ANALYTICAL INFORMATION

SAMPLE I.D. P	SAMELE ID DI	PUMP #	QALIB.	FLOW RATE	(L/min)	RUNNING TIME (min)		VOLUME	FIBERS/	FIBERS/	LOQ	FIBER/cm ^a
	- CMIC #	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS	mm² (Blank Corr)	FIBERS/ om ³	(Blank Corr)
082911 - 01		3.0	3.0	3.0	0741	1453	432	1294				
082911- OZ		3.0	3.0	3.0	0743	1459	431	1293				
082911- 03		3.0	3.0	3.0	0749	1459	430	1290				
087911-04		3.0	3.0	3.0	0753	1458	425	1275				
082911-05		30	3.0	3.0	0735	1450	435	1305				
082911-06		NA	MA	ΝA	NA	NA	NA	AA				
									,		<u></u>	
					 		T					
			No									

DER=Perime	ter	KEY TO ABBREVIATIONS		Comments Moveny Debri inside Barlday
SAMPLE	TYPE	ACTIVITY	RESPIRATOR	
PRS = personal HEX = heps exhaust FB = field blank RGD = herbrowked	FC = fingl clearance EXC = excursion IWA = inside work area OWA = cutside work area	REM # removal CLN = clean-up GLBQ # glovebag WLO = waate bad-nut	HM = helf mank FF = full face P = powered APR = air purifylna read.	Sampled by Carl Date 8/29/11



8/24/11

57-72 W. 1 NOI-NW mph

2 Worker Sotup Truck Decom 2 Worker inside NW Mounty DebNs

5 area Samples G Prosonal Samples



DATE:	8/31/1	1	
PROJECT.		\	
FIELD REPO	RT No	7	
PAGE			

FIELD OBSERVATIONS:
0700 Cecil Brannon on-site for RCS Kennylate for Precision With 4 Workers
Work to first Consolidate debis pills and first sealing Window of Office Building Andrew Kiel on-site with Weston Solutions
Andrew Kielon-site with Weston Solutions
Тетр
Cecil Brannon set Prosonal + Perimeters Air Samples Two Workers inside Building
(Non Bob cat moving debris () Worker Keeping it wet (2) Workers Working on Truck Decon
(1) Worker Scaling window of Office Building
0910 Chris Karas on - site for Enviro Serve to look C and invotory Drums ect.
Cecil Brancos Cairbrate the Mine Rae 2000
Chris Karas of Enviso Serve & Cecil Brannon Surrey and use the Mims Rac to test Drums (NArea & Drums in the Brenth, Zone and & open of the Drums
to feet Drums (Marca 6 Drums in the Breath , Zone and & open of the Drums
The Keaden was 0.0000m.
In Aren(2) There is 110 Drums 27 Drums Had Roadings at the opening
from 0.00ppm - 100.00ppm The Breathing ZONE Redden was 0.00ppm to 0.00ppm
1200 Precision Stop Cor Lunch
1230 Precision is using Bobeat to move Debrituto Fills The Cleveland EPA on-site
1415 ENVIO Serve Off-S.te
1500 Ceul Branon Collect Samples Precision Cleanup for end of Sh. St. 1580 Prec. sign, Western Goldtions and RES of Siste
1580 Prec. sion, Weston Solutions and RES offsite
N/CONTENTION OF LOTION OF CHART BY AGUET LOTION
INFORMATION OR ACTION REQUIRED BY CONTRACTOR:
NEODMATION OF ACTION PROMISES DV POC
INFORMATION OR ACTION REQUIRED BY RCS:
INFORMATION OF ACTION PROLUTED BY THE OWNER
INFORMATION OR ACTION REQUIRED BY THE OWNER:
DISTRIBUTION
DISTRIBUTION
CHAIFD
OWNER
CONTRACTOR
RCS OFFICE
FIELD OFFICE
LABORATORY
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Date	8/31/2011
	Precision
Project	Cleveland Trencher
Project	No

DESCRIPTIVE INFORMATION

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Anal	vtical	Meth	od

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
083111 - 01	Perineters			Westside Soutwest @ West Gate	CIN	Нн
	Perimeter			Southend Center of South	CLN	HM
083111- 03	Perimeter			Eastside Center	CLN	HM
083111- 04				Northside of Decon Area	CLN	HM
083111- 05	EB			Field Blank		<u> </u>
	,					

ANALYTICAL INFORMATION

					1417=11141	* 4	1110 11 1 1 1 1 1					
SAMPLE I.D.	PUMP#	CALIB, FLOW RATE (L/min) RUNNING TII		NNING TIME	min)	VOLUME	UME FIBERS/	FIBERS/	LOQ FIBERS/	FIBER/cm²		
SUMPLE I.D.	FUMP#	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS	mm² (Blank Cerr)	OW ₂	(Blank Corr)
083111-01	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	47	3.0	3.0	3.0	0730	1449	439	1317				
083111- 04	RCS-03		4.0	4.0	0859	1502	363	1452				
083111-05	NΑ	NA	NA	NA	ΝA	NA					_	
									'			
		}										
· ·												

KEY TO ABBREVIATIONS ACTIVITY

SAMPLE TYPE

PRS = personal HEX = heps exhaust PB Talank

BG. = usukgrounu

FC = final clearance EXC = excursion "VA = le de de de de de le de JWA = buseuu Nork stu-

REM = removal CLN = cisan-up

Cln = cisan-up

waste RESPIRATOR HM = helf mask FF = full face P = DOWered

= air pi esp.

Comments Mariny Debris Southeast outside

Sampled by

(\$)	RCS Environmental Group

Date _	8/31/2011
Client	Presision
	Cleveland Treacher
Project	-

DESCRIPTIVE INFORMATION

Analyti	cal N	/letho	od

			BE66.00			
SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
083111 - 06	EXC	Daniel Schillero	7861	South center Boheat moving Debri	CLN	HM
	PR5	Daniel Schillero	7841	South Center + South Center parkide Bobset	CLN	HM
083111- 08	EXC	Scott Cline	1223	South center King Water Hose	CLN_	HM
08311-09	PR5	Scott Cline	1222	South Center Building South Center outside	CLN	HM
08311-10	FB	NΑ	NA	Field Black		<u> </u>
	 					
					 -	
		<u> </u>				ļ.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
						

ANALYTICAL INFORMATION

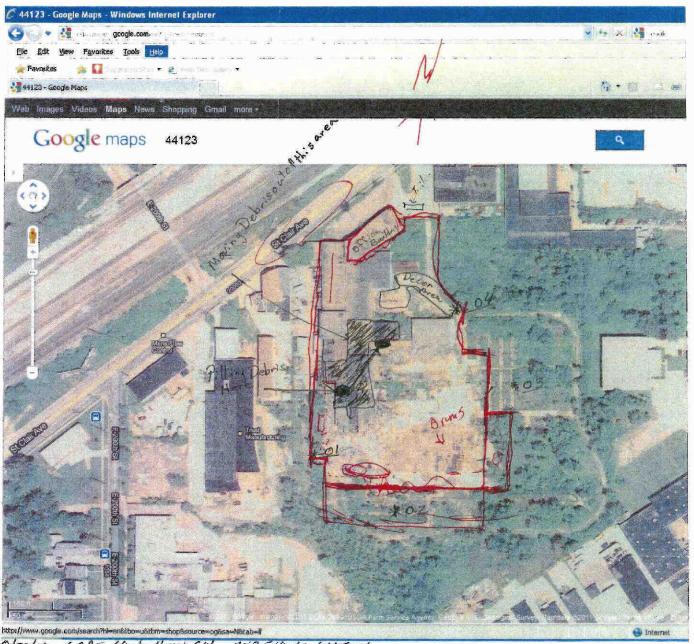
					141-261 1161	AM IIVI VII	1411-211-4					
SAMPLE I.D.	PUMP #	CALIB.	FLOW RATE	(L/min)	RU	INNING TIME (min)	VOLUME	FIBERS/	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm ³	FIBER/om ³ (Blank Corr)
CHANTEL I.D.	- CHIF#	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS			
083111 - 06	POI	2.0	2-0	2.0	0712	0744	32	64				
083111-07	. P01	2.0	2.0	2.0	0744	15/0	446	832				
083111-08	P02	2.0	2.0	2.0	07/1	6743	34	64				
083111-09	902	2.0	2.0	2.0	0743	1510	447	894				
083111-10	NA	NA	MA									
				ļ						<u> </u>	<u> </u>	
		<u> </u>										1

····	K	EY TO ABBREVIATIONS	
SAMPLE	TYPE	ACTIVITY	RESPIRATOR
PRS = personal HEX = heps exhaust FR	FC = final clearance EXC = excursion NA = ir WA = work at	PEM ≈ removal CLN = clean-up car ac = glovehac waste ;	HIM = half mask FF = full face P = covered = air p: eap.

Comments Marin, Debris in to Pills Southers to a toide

Sampled by Col Toll Date 9/31/2011

8/30111



8/30/11 62° Winds 4 min SW - 14° FWinds 5W5mph



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

FIELD OBSERVATIONS:
O700 Cecil Brannon on-site for RCS Kenny Vate on-site for Precision with 3 Workers Work is to Consol: date debris into Pills and Weston Solution on-site.
Work is to Consolidate debris into Pills and Weston Solution on-site.
Temp G2°F Winds SW4MPH
0980 Cecil Bronnan 5. ta Air Samples and Presonals 3 Worke wereing track suits + Hole for
Repators I worke use ander Hose from water truck to act 2 Worker use Bodeak To move debris in to Pills workis in Building Southwest
1200 Lunch 1200 Worker Suit up enter work area to consolicate debir Into pills
I Worker welling bedris 2 use Bobcat to move debis into pils
1500 Ccc Branco Called Air Sandles
1530 Presision Woston Solution and RCS off-site
-
Temp 74°F Winds SW Smph
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
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RCS Environmental Group	

SAMPLE TYPE

SAMPLE I.D.

083011 - 06 08301 - 07

083011- 10

09

083011 083011

ASBESTOS AIR MONITORING REPORT

Date	8/30/	
Client	Precision	
Project	Cleveland	Trencher
	No	
Analytic	el Method	

DESCRIPTIVE INFO	DRMATION Analytical	Analytical Method			
SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE		
7861	South west of Building Warn, Bolocatore	CLN	HM		
7861	Southwestof Build Wainy Bobcate Mousdeby	CIN	HM		
2410	Southwest of Buildusing Water Hose	CLN	HM		
2410	Southwest of Buildus: 1 had- Hose	CLN	HM		
	Field Blank				

ANALYTICAL INFORMATION

							HAIVIIAIA					
SAMPLE I.D. PUMP #	DI IMPO	CALIB.	CALIB, FLOW RATE (L/min)		RU	INNING TIME	(min)	VOLUME	FIBERS/	FIBERS/	LOQ FIBERS/	FIBER/am
	PUMP #	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Litera)	FIELDS	(Minnk Corr)	cm ³	(Blank Corr)
083011- 06	POZ	2.0	2.0	2.0	0729	1432	423	846				
083011-07	. POZ	20	2.0	2.0	1432	1508	34	72				ļ
083011-08	P01	2.0	2.0	2.0	0731	1435	424	848				
083011-09	POI	2.0	2.0	2.0	1435	1507	31	62				
083011-10	٨A	NA	NA	NA	NA	NA						
<u> </u>		-										
				<u> </u>								
						1						

KEY TO ABBREVIATIONS						
SAMPLE	TYPE	ACTIVITY	RESPIRATOR			
PRS = personal HEX = hepa exhaust FB =====henk BG======kgrour.=	FC = finel clearance EXC = excursion "NA = px	REM = removal CLN = olean-up Au RG = glovebec waate :	HM = half mask FF = full face P = powered = air p: *asp.			

WORKERS NAME

Daniel Schillers

<u></u>	1. Mild		abol.
Sampled by		Date _	8 13411

Comments _____



ASBESTOS AIR MONITORING REPORT

Date	8/30	<u> </u>
Client	Precision	•
Project	Cleveland	Trencher
Project I		
Analytic	al Method	

DESCRIPTIVE INFORMATION

			DEGGISH HAT BALL		Principalogi Melilou	
SAMPLE (.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR
083011 01	Perimeter			Westside @ West Cate	CLN	HM
083011 OZ	Perimeter			Sarthside New Center	CLN	HM
083011 03				Eastside New Center	CLN	HM
083011 04	Perimeter			Southeast of Decon Area	Chi Cata	HM
083011 05	FB			Field Blank		
···						<u> </u>
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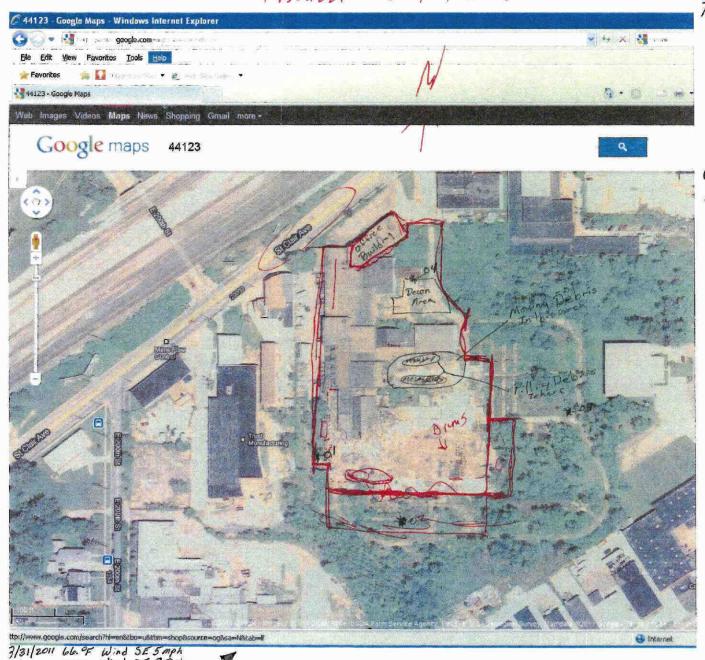
ANALYTICAL INFORMATION

SAMPLE LD.	PUMP #	CALIB.	FLOW RATE	FLOW RATE (L/min)		INNING TIME	(min)	VOLUME	VOLUME FIBERS/	16097 #LMHP	LOQ	FIBER/om
swiller in	FUNE#	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	field8	mm ^a (Blank Corr)	FIBERS/ om ³	(Blank Corr)
683011 - 01	49	3.0	3.0	3.0	0742	1457	435	1305 120				
083011- 02	79	3.0	3.0	3.0	0745	1500	435	1305				
083011 - 03	87	3.0	3.0	3.0	0748	1503	43.5	1305				
083011- 04	79	3.0	3.0	3.0	0751	1505	434	1302				
093011-05	NA	NA	NA	NA	MA	MA						
		 										<u> </u>
	<u> </u>	 		 								
	······································											

KEY TO ABBREVIATIONS					Comments
	SAMPLE	TYPE	ACTIVITY	RESPIRATOR	
	PRS = personal HEX = heps exhaust FB = field blank BBD = background	FC = final clearance EXC = excursion IWA = inside work area OWA = outside work area	REM = removal CLN = clean-up GLBG = glovebag WLC = waste load-out PRICP = site prep	HM = haif mesk FF = full face P = powered APR = air putfying resp. SA = supplied air	Sampled by

Date

Piscazzi Gary Thomas



Temp 66°F-84
SE 5-7mph

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

SWorkers
Cleveland EPA on -site
Enviro Serve on -site for Drum
Enviro Serve on -site for Drum Enviro Serve on - s.te for Drums

3/31/2011 66.95 Wind SE 5 mph 84°F Wind SE 7 mph



DATE:	9/1/:	2011	
PROJECT: 🦨	Ck.	Eland	Trencher
FIELD REPOR		4	
PAGE			

FIELD OBSERVATIONS:
0700 Cocil Brannin on-site for RCS Kenny Vates with Precision with 4 Workers Worker be 1 Norker finsh Polying this window of Office Building 2 Worker on Bobcat I Worker on Backhale moving debricate file in the southend of the Site on the slub. I Worker
is using a water hose from a water truck to keep debris wet Wester Solution: on 3. Temp 71° F Rian Wind SWE 7mph.
0800 Ceal Brannon Set Air Samples 1100 Al Richerson of ODH on site meetowith Kenny Yates go over Paperwork then wall The site with Precision RCS talk about the pased of thesite
1280 Precision Stop for Lunch 1380 Precision 4Worker Suitup I Worker on Water hose 2 Worker on Makats moving debris into fills in the southendon the slab. I Worker Working on Truck Decom
1330 AlRicherson of ODH off-5.te Sound NO Problem at this time bethave Questioned on The dobe in the southend Passed the problemed work area.
1430 Cecil Brannon Collect Air Samples 1500 World Shower out put away egapment
1570 RCs Precision and Wester Solution off-SHE
INFORMATION OR ACTION REQUIRED BY CONTRACTOR:
INFORMATION OR ACTION REQUIRED BY RCS:
INFORMATION OR ACTION REQUIRED BY THE OWNER:
DISTRIBUTION
OWNER
OWNER CONTRACTOR
RCS OFFICE
FIELD OFFICE
LABORATORY
BEPORTED BY: Cal Ed

S	RCS Environmental Group	

Date	9/1/2011
Client _	Precision
Project	Cleveland Trencher
Project	· ·
	al Method

DESCRIPTIVE INFORM	IATI	ION
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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 debis	CLN	HM
09011- 07	EXC	ScotCline	1222	Southerd of Slab on Bobcut Moving debris	CLN	HM
090111 - 08	PR5	Daniel Schillero	7861	Southerd of Slab Ming Water Hose Wellia debis	CLN	HM
090111 - 09	EXC	Paniel Schillero	7861	Southand of Slab using Water Hose Wolfindonia		HM
090111-10	FB	NA	N/A	Field Blank		
						
						
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ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP#	CALIB.	(L/min)	L/min) RUNNING TIME (min)		(min)	VOLUME	FIBERS/	FIGERS/	LOQ	FIBER/om	
SAMPLE I.D. PUMP #	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS	(Blank Corr)	FIBERS/	(Blank Corr)	
090111-06	POI	2.0	2.0	2.0	0738	1431	413	826				
09911-07	701	2.0	2.0	2.0	1431	1508	.37	74				
090111 - 08	Pos	2.0	2,0	2.0	0740	1435	415	830				
090111 - 09	P02	2.0	20	2.0	1435	1506	31	62				
09011-10	ALA_	NA	NA	NA	NA	NA	NA	NA				
			· · · · · · · · · · · · · · · · · · ·									
	<u> </u>											
	·		<u></u>									
		KEY TO A	BBREVIATI	ONS	1		Commen	ts Movin	y Debris into	Pills Sout	hend of SI	4

		KEY TO ABBREVIATIONS		Comments Movie
SAMPLE	TYPE	ACTIVITY	RESPIRATOR	
PRS = personal HEX = hepe exhaust FP - #etr' blank B(FC = final disgrance EXC = excursion WA = inside work area XWA = work a	REM = removal CLN = clean-up GLBG = glovebag : waste t	HM = haif mask FF = full face P = powered = = air p = = resp.	Sampled by Cal Za

Sampled by Cal Seff Date 9/1/2011

RCS Environmental	
Group	

Date	9/1/2011
Client Preci	Sion
Project Clev	eland Trencher
Prolect No.	

			DESCRIPTIVE INFO	RMATION	nalytical Method	
SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR
090111- 01	Perimeter			Westside @ Gate	CLN	HM
090111 - 02	Perimeter			Southend Center of South	CAN	14 m
090111 - 03	Per:neter			Eastside Center	ChN	HM
090111-04				North side of Decon Aren	CrN	H M
090111-05				Field Blank		
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ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP#	OALIB, FLOW RATE (L/min)			RU	RUNNING TIME (min)			FIBERS/	FIBERS/	LOQ FIBERS/	FIBER/om*
DAMPES ID:	FUNIP#	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS	mm ² (Blank Con)	om ²	(Blank Corr)
090111-01	49	3.0	3.0	3.0	0801	1448	407	1221				
690111-02	97	3.0	3.0	3.0	0905	1450	405	1215				
09011-03	76	3.0	3.0	3.0	0819	1454	402	1206				
090111-04	RC5-03	4.0	4.0	4.0	0820	1500	400	1600			,,,,	
04011-05		NA	NA	ΝA	NA_	NΑ	NA	NA				ļ
				<u> </u>						<u> </u>		
	i 					·	 					
	·		<u></u>	<u> </u>								<u> </u>
			- K-1									

	KEY	TO ABBREVIATIONS	
SAMPLE	TYPE	ACTIVITY	RESPIRATOR
PRS = personal HEX = heps exhaust FB plank	FC = final clearance EXC = excursion /VA = ir /k eres	REM = removal CLN = clean-up Cln = clean-up	HM = helf mask FF = full face ® ~ opwersd

Comments Moving Debri in to Pill in the South

41/200

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Temp 71° Winds 75W rain 1. . . 25 Winds 45W Suray 9/1/2011

Internet



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

FIELD OBSERVATIONS:	
0700 Cocil Brannon on-sit for RCS Kenny Yate for Precision with 4 Worker Workie I Work	~
Wetting Debri 3 Workers moving debris into Billo Morny Bolants and a Backhols Carl Branon set Air Samples Weston Solution: con-site	<u> 2 in S</u> oc
Ceril Branon set Air Semples Weston Solution: con-site	
Temp 72 Winds 3mph Southwest	
1000 Claveland EPA on- site Halked around. 1100 EPA off- 5:te	
1200 Yeelson at Lorch. 1230 YWerker Suitup üveksnit Vaface resports Inderker wet debri 3 Workers	
	<u>move</u>
1300 Precision Cound a large Funfarmer on West side of Baildry	1
under the 3 5 mall Franformers	<u> </u>
1500 Precision Cleanus for end of Shift.	
15000 Precision Wester Solution + PCS OFF-5:10	
13500 Trecision Wester Salviton 4 LC3 Des 3.1C	
<u></u>	
	<u>_</u>
INFORMATION OR ACTION REQUIRED BY CONTRACTOR:	
INFORMATION OR ACTION REQUIRED BY RCS:	
•	
INFORMATION OR ACTION REQUIRED BY THE OWNER:	
DICTORUTION	
DISTRIBUTION	
OWNER	
CONTRACTOR	
RCS OFFICE	
FIELD OFFICE	
LABORATORY	
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Date	09/02/11
Client	Precision
Project	Cleveland, Trencher
Project	
Analytic	al Method

DESCRIPTIVE IN	IFOR	M	ATI	ON
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SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090211-06	PRS	Daniel Schillero	7861	Southwest using Bobrat moving Debrishto Pills	CLN	НМ
090211-07	EXC	Daniel Schillero	7861	Southwest using Bobcat Moving Debriinto Pills	CLN	HM
090211- 08	PRS	Rodney Warrenes	2410	Southwest using Water Hose Keeping Debri Wet	CLN	HM
090211-09	EXC	Rodney Warrenes	2410	Southwest wing Water Hose Keeping Debi Wet	CTN	HM
090211-10	FB	Field BLANK		Field Blank		
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ANALYTICAL INFORMATION

		CALIB, FLOW RATE (L/min)			AU	RUNNING TIME (min)			FIBERS/	FIBERS/	LOG	FISER/om ²
SAMPLE I.D. PUMP #	BEGINNING	END	AVERAGE	START	STOP	DURATION	VOLUME (Liters)	FIELDS	(Blank Cerr)	FIBERS/	(Blank Corr)	
090211-06	P01	2.0	2.0	2.0	0738	1508	450	900				
090211-07	POI	2.0	2.0	2.0	0703	0738	29	58				
090211-08	Poz	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	ŅΑ	NA	ηA	NA	NA					
		<u> </u>					<u></u>					<u> </u>
	<u> </u>											
			n 1.8							<u></u>		
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KEY TO ABBREVIATIONS	
ACTIVITY	RESPIRATOR

PRS = personal HEX = heps exhaust FB = field blank RGD = bankmound

SAMPLE TYPE

FC = final clearance
EXC = excursion
IWA = inside work area
OWA = outside work area

REM = removal
CLN = clean-up
GLBG = glovebag
WLC = waste load-out

HM = half mask FF = full face F = powered APR = air purifying resp.

_ atnemmoC	3Workers moving	Debri on Bobcats und Brekh	9/
	I Worker Keing Wa	ter to Wet Debri	_
Sampled by	ON SF	Date 4/2/2011	-

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RCS Environmental Group
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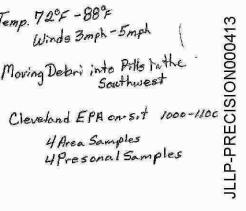
Date	9/2/11
Client _	Precision
Project	Cleveland Trencher
Project	No
Analytic	al Method

			DEGOVIL LIVE HALC		Analytical Metrica	
SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090211- 01	Perimeter			Southwest on West Gate	CLN	HM
0902/1-02	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		<u> </u>
,	 					<u> </u>
					<u> </u>	
	 					

ANALYTICAL INFORMATION

SAMPLE I.D. PUMI	D1184D #	_ CALIB, FLO		LOW RATE (L/min)		RUNNING TIME (min)			FIBERS/	FIBERS/	LOQ	FIBER/om ⁵
	PUNIF#	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELD\$	(Blank Corr)	FIBERS/ om ³	(Blank Corr)
090211-01	99	30	3.0	3.0	0801	1449	408	1224				
090211-02	. 49	3.0	3.0	3.0	0804	1452	408	1224				
090211-03	20	3.0	3.0	3.0	0807	1454	407	1221				
090211-04	RCS-83	4.0	4.0	4.0	0812	1458	406	1624		·		
090211-05	NA	NA	NA	NA	NA	NA	NA	NA				
						 						
 												

	· · · · · · · · · · · · · · · · · · ·	KEY TO ABBREVIATIONS		Comments Mosing Debriate Pills Southwest and outside
SAMPLE	TYPE	ACTIVITY	RESPIRATOR	
PRS = personal HEX = heps exhaust FB = field blank	FC = final clearance EXC = excursion IWA = inside work area	REM = removal CLN = clean-up GLBG = glovebag	HM = helf mesk FF = full face P = powered	Sampled by CATAL Date 9/2/11





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



DATE: 9/6/11
PROJECT: Cleveland Trencher
FIELD REPORT No.: 18
PAGE

FILL D ODGEDVATIONS
FIELD OBSERVATIONS: 0700 Cecil Brannon on site for RCS Kenny Ynte of Precision with 4Workers
Temp 59° F Wing Northeast @ 12 mgh
Work Today is Zworkers on lifts line trucke Tailer (Bed) with 26 mil liners once low
To scal + Inbledoncks. I Worker welting Debri with water thatis being loaded I wood
Will De using A Excapator to load Truck work is Standing on the Southwest and
Befor truck leve the area truck is ringed off
0800 Cecil Brunner set air samples Worker are waithy for truck to shown. The
Worker on the Excarcution Separating Debriand motal. Illorker Keeping debrian
1000 1st Track is on-site Being lined loaded sealing Cleaned, off-site 1600
1200 labetuil be 1 a Trucks lord With Bebris seal liner Clean fruck intruck Dech be So
Truck leve the site
1500 Clean up for end of Shift Cecil Brannon Collect vir Samples
1530 Precision ACS off-5ite
UTurk loaded and off-5.7e
4 Frack loaded and off-5. te
INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:
INFORMATION ON ACTION REQUIRED BY NCS.
INFORMATION OR ACTION REQUIRED BY THE OWNER:
DICTORUTION
DISTRIBUTION
OMNED
OWNER
CONTRACTOR
RCS OFFICE
FIELD OFFICE LABORATORY
LABORATORI
$ -\frac{1}{2}$ l_{1}
REPORTED BY:
TIEL OTTED DI.

RCS Environmental Group	
Group	

Date	9/4/2011
Client _	Procesion
Project	Cleveland Treacher
Project	

		DRMATION An	Analytical Method			
SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
090611 - 01	Perimeter			Booth west @ West gate	CLN	HM.
090611- 02				Southend Center	CLW	1+m
090611 - 03				Fastside Center	CLN	HM
090611 - 04				Northern of Decon Area	CLN	HM
090611 - 05	FB			Field Blank		
						<u> </u>
						<u> </u>
						,

ANALYTICAL INFORMATION

SAMPLE I.D. PUMP #	BIIMD #	CALIB, FLOW RATE (L/min)			AU	RUNNING TIME (min)			FIBERS/	FIBERS/	LOQ	FIBER/cm ³
	- PUMP#	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Liters)	FIELDS	MM ² (Blank Com)	FIBERS/ om²	(Blank Corr)
090611-01	99	3.0	3.0	3.0	0757	1515	438	1314				
090611-02	. 59	3.0	8.0	B. 0	0802	1518	436	1308				
090611-03	49	3.0	3.0	3.0	0809	1519	430	1290				
090611-04	ROB	4.0	4.0	4.0	0815	1500	405	1620				
090611-05	NA	NA	NA	NA	NA	NA	μΑ	NA				<u> </u>
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Comments

	ŀ	EY TO ABBREVIATIONS	
SAMPLE	TYPE	ACTIVITY	RESPIRATOR
PRS = personal HEX = heps exhaust PE	FC = final clearance EXC = excursion WA = ir = with area JWA = purple work s.	REM = removal CLN = clean-up GLBC = plovehen waste :	HM = helf mask FF = full face P = cowered = air p 'eap.

Sampled by Cal 2 ft Date 2 lu / zon

RCS Environmental Group	1

Date	9/6/2011
Client _	Prenision
	Cleveland Treacher
Project	No

DESCRIPTIVE	INFORM	IATI	ON
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			DESCRIPTIVE INFO	•	Analytical Method		
SAMPLE I.D. SAMP		WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR	
090611-06	ΕXC	Timothy Kussell	4966	Southern Separation Dris using Excavator	CLN	<i>Н</i> м	
090611 - 07	PR5	Timothy Russell	4966	Southern load in Truck with debisussy Freewater	CYN	1+m	
090611-08	EXC	Daniel Schillero	7861	Lines + Sealing Truck with poly on Mond, fes	CLN	HH	
090611-09	PRS	Daniel Schillero	7861		CYN	HM	
090611-10	FB	NA	NA	Field Blank		-	
						 	
						 	

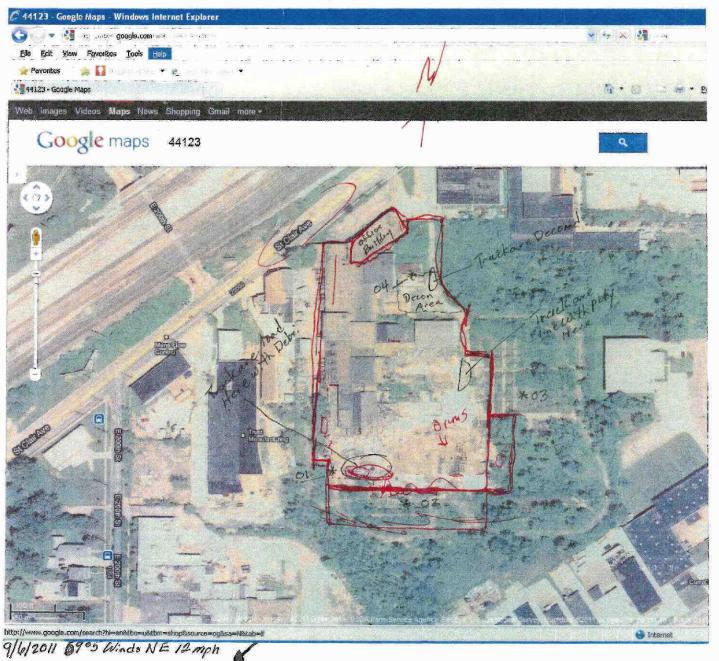
ANALYTICAL INFORMATION

		CALIB	ELOW BATE	11 1-1-1	RUNNING TIME (min)					FIBERS/	LOQ	
SAMPLE I.D.	PUMP#	UALIB.	FLOW RATE	(FWIII)	HL	MNING TIME	(min)	VOLUME	FIBERS/	UM ₃	FIBERS/	FIBER/om ²
		BEGINNING END AVERAGE START STOP DUR	DURATION	(Liters)	FIELDS	(Blank Corr)	GITT ⁸	(Blank Corr)				
090611-06	POZ	2.0	2.0	2.0	0715	0746	31	62				
090611-07		2.0	z. 0	2.0	0746	1524	458	916				
090611-08	Poi	2.0	2.0	2.6	0716	0746	30	60				
090611-09	701	2.0	2.0	2.0	0746	1528	462	924				
040611 - 10	NA	NΑ	NA	NA	NA	NA	AN	ΝÞ				
		<u> </u>	 									
		-										
				j			<u>}</u>					1

KEY TO ABBREVIATIONS							
SAMPLE	TYPE	ACTIVITY	RESPIRATOR				
RS = personal IEX = hepa axhaust B " blank	FC = final clearance EXC = excursion WA = inside work area	REM = removal CLN = clean-up QLRG = glovehan	HM = half mask FF ≈ full face P ≈ powered				

Comments line 1 Seal Truck load Truck (2 Truckwas loaded)

JLLP-PRECISION000417



Franks Debrisinto

4/4/2011

4 Perimeter 4 Prebonuls



	9/7/201		
PROJECT	: Cleveland	Trencher	
	PORT No.:		
PAGE			

FIELD OBSERVATIONS:
0700 Cecil Brannon on-site for RCS, Weston Solution for EPA Kenny Valeof Precision with
Sweekers Work intology belockers line Town to be landed then Seal Track of for they are
loaded with debris (1) Worker is welling debris to be loaded (1) Worker using a Exactly to load line Trucks (1) Worker maning Truck Decon.
Exactors to load line Trucks (1) Worker running Truck Decon.
Temp. 59 Wind East 11 mph
Con Brancon Setain Sandles
0930 1st Truck showed up to be loaded. 2 Pepde from Regart 5 EPA on-sit Talking With and Walking around with Andy Kielof Wester Solution Elemy Welf of Precision
With and Walking around with Andy Kielof West on Solution Elemy Welt of Precision
on-site and Talkwithmandefromressat SEPA
1100 EPA-Elmy Wolfoff-site. 3 Truck line toad and sealed off-site
1330 Keeny Yates af President Information Branco RCS and Wester Solution
That Pro sign is done with I Truck land for today Namore Truck are
That Pression is done with 6 Truck land for today Nomore Truckare Commy and Precision is Clean up for end of 5h ft. Cecil Brannon Collect
Air San ples
1400 Presision Waston Solution and RCS Off-5. fe
1100 118813. UN 108870N 50/4 1-107 ANE NCS - TO 3. FE
1 True to do Ct 6 to
Winds and 074 3.10
INFORMATION OF ACTION DECLEDED BY CONTRACTOR.
INFORMATION OR ACTION REQUIRED BY CONTRACTOR:
NECONATION OF ACTION DECLIDED BY DOC.
INFORMATION OR ACTION REQUIRED BY RCS:
NEODMATION OF ACTION PROVIDED BY THE OWARD
INFORMATION OR ACTION REQUIRED BY THE OWNER:
DISTRIBUTION
<u>DISTRIBUTION</u>
OWNER
CONTRACTOR
RCS OFFICE
FIELD OFFICE
LABORATORY
1 1 1
N / 1.6
REPORTED BY:

(CE)	RCS Environmental
9	Group

Date	9/7/2011
Client	Trecision
Project	Cleveland Trencher
Project	No
Analysis	ani Mathad

D	ESC	RIP	TIVE	INFO	PM	ATION
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			DESCRIPTIVE INFO	DRMATION Analytic	Analytical Method			
SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE		
090711-06	EXC	Rodney Warrens	7.551 2410	Southwestend Welling Debris being loaded	CLN	HM		
090711 - 07	7R5	Rodney Warrens	2450	Southwestend Wetting Debris being louded	CLN	HM		
09011-08	EXC	Daniel Schillero	7861	Westcenter lining Trucks + Scaling Truck	CIN	HM		
09011 - 09	PRS	Dagiel Schillero	7861	West center lining & Scaling Truck for De bris				
0901-10	FB	Field Blank		Field Blank				
								
						<u> </u>		
						T		

ANALYTICAL INFORMATION

					14001 1161							
SAMPLE I.D.	PUMP#	CALIB, FLOW RATE (L/min)			RL	INNING TIME	(min)	VOLUME	FIBERS/	FIBERS/	LOQ FIBERS/	FIBER/om ²
OMITTE I,U,	FUMP#	BEGINNING	END	AVERAGE	START	8TOP	DURATION	(Liters)	FIELDS	Mm² (Blank Cerr)	om ³	(Blenk Carr)
090711 -06	POI	2.0	2.0	2.0	0730	0800	.30	60				
090111 - 07	P01	2.0	Z. 0	2.0	0800	1329	6 179	3 58				
090711- 04	Poz	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	NΑ	NA	NA	NA	NΑ	ru A				
					<u> </u>							
_		.1		1			[.]		İ		1

KEY.	ፐብ 4	AR.	RE\/	AT I	ONS

ACTIVITY SAMPLE TYPE RESPIRATOR HM = helf mask FF = full face REM = removal PRS = personal HEX = hann exhaus! FC = final clearance CLN w clean-up FYC = expursion FB = unk BGD = background A = Ins gloveb WLO = waste load-out QWA = outside work area

wered APR = air punitying resp. Comments Linetrucks with Poly load truck with Debris Seal truck loads Stop Work 1320 Sampled by Date Ameliana at tace Data

(CE)	RCS Environmental	
9	Group	

Date _	
Cllent	Precision
	Cleveland Treacher
Project	No

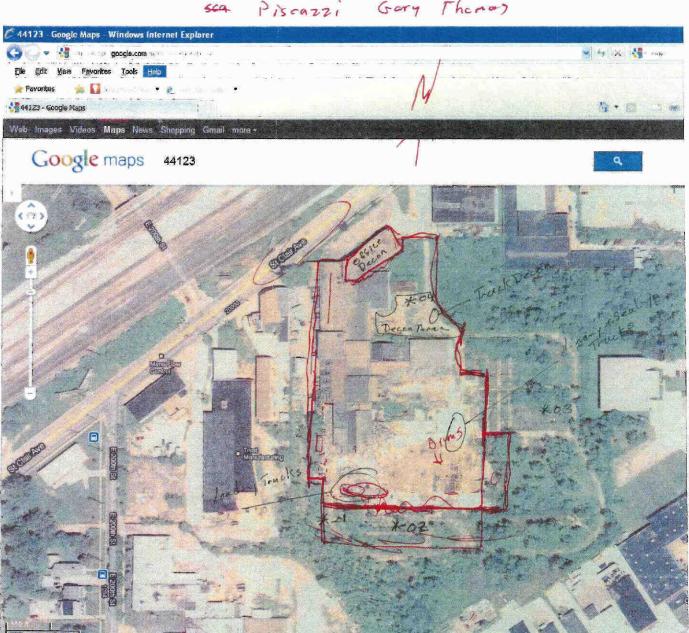
			DESCRIPTIVE INFO	RMATION	Analytical Method		
SAMPLE I.D.	SAMPLE	Workers name	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE	
090711 - 01	Perimeter			Southwest @ Westgate	CLN	НМ	
090711-02	Perimeter			Southend Center	CLN	НМ	
090711-03				Kastside Center	CLN	HM	
090711-04	Perimeter			Northend of Decon Area	CLN	HM	
090711-05	FB			Field Blank		ļ	
						 	
						 	
						'	
						1	

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP#	CALIB. FLOW FLATE (L/min)			RU	RUNNING TIME (min)		VOLUME	FIBERS/	FIBERS/	LOQ FIBERS/	FIBER/om ³
ONITIFEE I.D.	PUNIT #	BEGINNING	END	AVERAGE	START	8TOP	DURATION	(Liters)	FIELDS	(Mignik Corr)	om ³	(Blank Corr)
090711 - 01	49	3.0	3.0	3.0	0739	13.35	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	RC5-03	4.0	4.0	4.0	0839	1332	293	1172				
090711-05	NA	NA	NA	NA		·- 		······				
		· ·		<u> </u>		· -			·		<u> </u>	
·	*******											
									1	}		

	KI	EY TO ABBREVIATIONS	
SAMPLE	TYPE	ACTIVITY	RESPIRATOR
PRS = personal HEX = heps exhaust FB = enk BGD = background	FC = final clearance EXC = axoursion A = ins OWA = gussion work area.	RSM = removal CLN = elean-up gloveb you = waste known.	HM = half mask FF = hult face Wered Ap.

Comments	linetracks with Polylo	ad truck with De	bris Seal Fruck
loads	OSS-5:4e 1400		
Sampled by	Cel 7/	Date	9/1/2011



9/1/2011 59-65°F Winds East 11mph-10mph

http://www.google.com/search?hi=en&tbo=u&tbm=shop&source=og&se=N&tab=if

59°F Wind East Homph childy 65°F Wind Eart lough

load Trucks

Internet

4 Perimeter Snaples 4 Presonal Snaples

6 Truck loads outs



DATE:	9/8/2	2011	
PROJECT:_	Cleveland	Trencher	
FIELD REP	ORT No.:_	12	
PAGE	_		

FIELD OBSERVATIONS:
0700 Cecil Brannon on-site for RCS Weston Solution on-site Kenny Vate of Precision with 6 Workers
Tema (as What Abrahast 12 mah.
Worker suit up in Tyreksuit and 1/2 face Respotors I Worker will be in a seal Excarder tolord Debris into lined Trucks I Worker will be Kerping Dehris wet using Water hose from a water truck & Workers will be using lift to line Trucks 2 liner each. 2 Workers Will be scaling line inside Truck after they are
into lined Trucks I Worker will be Kerping Dehris wet using Water hose from a water truck 2 Workers
willbe using lift to line Trucks 2 line reach. 2 Workers Will be scaling line inside Truck after they are
londed with Debri four Truck are onsite to be loaded to Start. I Worker's curricy Truck Decorrodd read
Cecil Brannon site aer amples
1000 5 Trucks Have been loaded and smaled 40 yd Dumpers are Being Dropadoff Workers will line load and Seal Dumpers will waiting for Trucks to return from the land lille
1200 Precision & Lunch
1230 Precision Book to line Truck and 40 yd dumpter load with debris then sealed.
Dumpter are done was writing for Truck to came on site
Dumpter are done was writing for Truck to came on site 1300 Chris Karas and 10ther person om site from Enviro Serve to look @ Drum markand
test Druns. Cecil Brannon andof RCS and Andrew Kiel of Weston Solutions
Calabat Recalls RCSs and Weston Solutions suit up and monder Air in Berthing Zone
West Folice Serve Open Drung in Avea (2 Downs)
1500 Precision and EniroServe Cleanup for end of Shift Cocil Bronnon Collect
1530 Precision Eniro Serve Weston Solution and RCS Off- Site
8 Truck debri load y 4 Durpter ofdebri load and off -5:te
V WALK BEDT. 10AU 7 4 Durpter of CEBT, 1040 and 5 10
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
1 /./
REPORTED BY:

RCS Environmental Group
Group

Date	9/8/11
	Precision
Project	Cleveland Trencher
Project	

DESCRIPTIVE INCOGMATION

			DESCRIPTIVE INFO	DHMATION Analytic	Analytical Method		
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	A fastside Sealing loaded Trucks of Debi,	CLN	HM	
090811-09	PRS	Daniel Schillero	7861	Southmost Sealing looded	CLN	HM	
090811-10	EXC	Derik Wilhelm	6280	East lings Trucks for Debi.	CLN	НМ	
090811-11	PRC	Derik Wilhelm	6280	East lineing Toxaks for Debi	CLN	Hm	
090811-12	FB	NA	NA	Field Blank			
	<u> </u>	+			+	· · · · · · · · · · · · · · · · · · ·	
	 					 	

ANALYTICAL INFORMATION

SAMPLE I.D. PUM	PUMP#	CALIS, FLOW RATE (L/min)		RUNNING TIME (min)		VOLUME	FIBERS/	FIBERS/	LOQ	FIBER/om ⁴		
	- COMIP #	BEGINNING	END	AVERAGE	START	STOP	DURATION	(Litera)	FIELD8	mm² (Blank Corr)	FIBERS/ cm ³	(Blank Corr)
090811-06	P01	2.0	2.0	2.0	6709	0740	31	62				
090811-07	P01	2.0	2.0	2.0	0740	1459	439	878				
مستعمصي												
090811-08	POZ	2.0	2.0	2.0	0706	0758	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	,			1
090811-12	NA	NA	ΝД	NA	γA	NA	NA	NΑ				
······································	· · · · · · · · · · · · · · · · · · ·									<u> </u>	<u> </u>	
									· · · · · · · · · · · · · · · · · · ·	 		

KEY TO ABBREVIATIONS						
SAMPLE	TYPE	ACTIVITY	RESPIRATOR			
PRS = personal HEX = heps exhaust	FC = final clearance EXC = excursion	REM = removal CLN = dean-up	HM = buil mask, FF = tuli face			