Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/20/2011

Report Number: 252486

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)
4429701	01A/01B	WestSideOfPropertySouthPastEndOfBldg. 082311/082411	1576	2.65	<0.0018
4429702	02A/02B	WestSideOfProperty@WestSideGate 082311/082411	1572	2.65	<0.0018
4429703	03A/03B	SouthwestCornerOfProperty 082311/082411	1566	2.65	<0.0018
4429704	04A/04B	South Center Of Property 082311/082411	1562	2.65	<0.0018
4429705	05A/05B	EastSideEastOfProperty 082311/082411	1554	2.65	<0.0018
4429706	06A/06B	NorthEndInsideDeconArea 082311/082411	1554	2.65	<0.0018
4429707	07A/07B	Field Blank 082311/082411	0	1.33	NA

Accreditation:

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: __9/16/2011

Date Analyzed:

9/20/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1



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

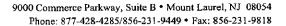
Chain of Custody -Airborne Asbestos –

Contact Information	
Client Company: RCS ENVIRONMENTAL Office Address: 2012 SHAKERCEST City, State, Zip: BRACHWOOD, OH WIZZ Fax Number: Email Address: R RCSENJICONMENTAL OMSN. C	Project Number: Project Name: CLEUELAND TRENCHEZ Primary Contact: MIVE SCHMIDT Office Phone: 216-378-0997 Cell Phone:
Analysis/Instructions: PCM TEM - NOSH 740Z PLM Other	
	D 7400 AND 7402 ON EACH CASSETTIE
Note: Viable/Culturable samples may require several days in order to	IVerbal Email Fax 1 Day* 12 Hour** 6 Hour** RUSH** establish countable colony forming units (CFU) of fungi. atrix Dependent. ***Please notify the lab before shipping***
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: 9/6/11 Time: 5m Date: Times Date: 7/20/11 Time: Date: Affine: Date: Time: Date: Time: Date: Time: Date: Time: Date: Date: Time: Date: Date: Time: Date: Date: Time: Date: Date: Time: Date: Date: Time: Date: Da

Colobrating 25 years, none sample at a time www.infl.com

JLLP-PRECISION000285

-1-





Sample Log

-Airborne Asbestos -

Client:	RCS ENVIRONMENTAL	Project:_	CLEURLAND TRENCHER	_
Sampling Date:	0/23-24/11			

								A
Client Sample #	· iATL#		Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	Area (ft2) Volume (L)	Results CC
082311-01B	4429701	孟					1574	2,65 <0,0018
092411-02B	4429702	3					1572	265<0018
082411-03B	4429703	彦					1546	1.65 <0.0018
002411-04B	4429704	為	_				1502	265 <0,0018
082411-05B 082311-05A	4429705	為						265<0.0018
082411-06B 082311-06A	4429706	客					1552	2.65<0.0018
002411-078 002311-07A	4429707	400	BLANK					1.33
				_				
		ě	-					
 		_						

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

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

*** = 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.

Celebrating 25 years. one sample at a time www.last.com

-2-

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/20/2011

Report Number: 252488

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

44122

<u>Lab No.</u>	Client No.	<u>Description / Location</u>	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
4429708	01A/01B	InsideBldg.SouthEndByCtrOfStandByBldg. 082511/082611	1522	2.65	<0.0018
4429709	02A/02B	WestSideOfProperty@WestSideGate 082511/082611	1520	2.65	<0.0018
4429710	03A/03B	SouthEndOfPropertyNearCtrOfSouthSide 082511/082611	1514	2.65	<0.0019
4429711	04A/04B	EastSideInTheSouthEnd 082511/082611	1502	2.65	<0.0019
4429712	05A/05B	EastSideOfPropertyNearCtrOfEastSide 082511/082611	1500	2.65	<0.0019
4429713	06A/06B	South Side Of Decon Area 082511/082611	1490	2.65	<0.0019
4429714	07A/07B	NorthSideOfPropertyEastOfOfficeBldg. 082511/082611	1486	2.65	<0.0019
4429715	08A/08B	Field Blank 082511/082611	0	1.33	NA

٨	ec	***	Аł	+~	41.	

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AlHA 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. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/16/2011 9/20/2011 Date Analyzed:

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1



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

Chain of Custody

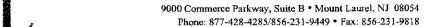
-Airborne Asbestos -

Contact Information
Client Company: RCS ENUIRONMENTAL Project Number:
Office Address: 2012 SHAKERCREST Project Name: CEVILLAND TRENCHER
City, State, Zip: BEACHWOOD OH 44/22 Primary Contact: MIXE SCHMIOT
Fax Number: Office Phone: 216-376-0997
Email Address: Cell Phone:
RCSenvironmental@MSN.COM
Analysis/Instructions:
S PCM
ØTEM - NIOSH 7402
PLM
Other
Method (specify): PI SASS - 1155 METHOD 7400 AND 7402 AND
Method (specify): PLEASE WETHOD 7400 MD 7402 ON FEACH CASSETTE.
Special Instructions:
Turnayound Time
Turnaround Time Preliminary Results Requested Date:
Specific date / time
10 Day 15 Day 23 Day 22 Day 11 Day* 12 Hour** 6 Hour** RUSH**
Note: Viable/Culturable samples may require several days in order to establish countable colony forming units (CFU) of fungi. * End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***
The second supplies
Chain of Custody
Relinquished (Name/Organization): / / / / / Date: 9/1974 E Pine Symple
Received (Name / IATL): Date: Date: Date:
Sample Login (Name / IATL): Analysis(Name(s) / IATL): Date: Time: Time: Date: Time:
Analysis(Name(s) / IATL): QA/QC Review (Name / IATL): Date: Date: Time: 2011
Archived / Released: QA/QC InterLAB Use. Date: Time:
L ATL-BO
for A summarium 26 and a summarium and a second summarium and a seco

mos, lbs., men

JLLP-PRECISION000288

-1-





Sample Log

-Airborne Asbestos -

Client: RCS	ENUIRONMENTAL	Project:_	CLEVELAND TRENCHER
Sampling Date:	0/25-26/11		

	Client Sample #	iATL#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	Area (ft2)- Volume (L)	Results VCC
1	082611-01B 082511-01A.	4429708 2					1522	265 < 20018
Į	082611-02B	4429709 晨					1520	2.65 < 0.0018
V	082511-03B	4429710 斋					1514	265 < 20019
V	082611-04B	4429711 2					1502	2.65 < 0,009
V	082611-05B	4429712					1500	265<0,0019
V	082611-06B	4429713 高					1490	2,65 <0,0019
/	082511-078	4429714 高					1486	2.65 <0.0019
·	082511-08A	4429715	BLANK				MA	133
				,-				
				-				
ļ		 						

*= 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 are made. conditions apply.

Calebrating 25 years...one sample at a firme

www.iatl.com

- 2 -

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/20/2011

Report Number: 252490

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)
4429716	08232011-08	PRS:Rodney Warrens#2410 InDeconArcaSetupUnloadSupplys	342	42.4	0.0480
4429717	08232011-09	EXC:Rodney Warrens#2410 2ndFloorOfficeBldg.SealingWindow	60	2.65	<0.0470
4429718	08232011-10	PRS:Rodney Warrens#2410 2ndFloorOfficeBldg.SealingWindow	210	10.6	0.0190
4429719	08232011-11	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 - 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: __9/16/2011

Date Analyzed:

9/20/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ientai Group

OH

44122

Report Date:

9/20/2011

Report Number: 252490

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab <u>No.</u>	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4429720	08242011-08	EXC:Rodney Warrens#2410 OfficeBldg.2ndFloorSealingWindows	60	2.65	<0.0470
4429721	08242011-09	PRS:Rodney Warrens#2410 OfficeBldg.2ndFloorSealingWindows	512	29.2	0.0220
4429722	08242011-10	PRS:Rodney Warrens#2410 OfficeBldg.2ndFloorSealingWindows	362	18.6	0.0200
4429723	08242011-11	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 - 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 l/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.

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: 9/16/2011

Date Analyzed: 9/20/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III. Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

44122

Report Date:

9/20/2011

Report Number: 252490

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4429724	08252011-09	PRS:Rodncy Warrens#2410 OfficeBldg,2ndFloorSealingWindows	630	7.29	0.0045
4429725	08252011-10	EXC:Rodney Warrens#2410 OfficeBldg.1stFloorSealingWindows	60	2.65	<0.0470
4429726	08252011-11	PRS:Rodney Warrens#2410 OfficeBldg.1stFloorSealingWindows	262	2.65	<0.0110
4429727	08252011-12	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. government

Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: __9/16/2011

Date Analyzed:

9/20/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/20/2011

Report Number: 252490

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)
4429728	08262011-09	EXC:Rodney Warrens#2410 OfficeBldg.1stFloorSealingWindows	64	2.65	<0.0440
4429729	08262011-10	PRS:Rodney Warrens#2410 OfficeBldg.1stFloorScalingWindows	368	7.96	0.0083
4429730	08262011-11	PRS:Rodney Warrens#2410 OfficeBldg.1stFloorSealingWindows	206	19.9	0.0370
4429731	08262011-12	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. government Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: __9/16/2011

Date Analyzed: _

9/20/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1



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

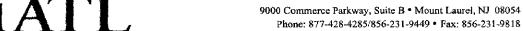
Chain of Custody -Airborne Asbestos –

Contact Information Client Company: RCS ENVIRONMENTAL Project Number: Office Address: 2812 SHAKERCEST Project Name: CLENELAND TRENCHER City, State, Zip: BEACHWOOD, OH 44122 Primary Contact: MKE SCHMIDT Fax Number: Office Phone: 216-376, 8997 Email Address: Cell Phone: SAME					
Matrix/Method: APCM: 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 (SPEATER THAN O. OC SFICE BY NIOSH THOZ (TEM). DO NOT ANALYZE BY TEM IF GREATER THAN O.OOS FICE BECAUSE OF PETECTION LIMIT AND SMALL SAMPLE VOLUME					
Turnaround Time Preliminary Results Requested Date: Specific date / time 10 Day 5 Day 23 Day 12 Day 12 Hour** 6 Hour** RUSH** * End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***					
Chain of Custody Relinquished (Name/Organization): Received (Name / iATL): Sample Login (Name / iATL): Analysis(Name(s) / iATL): QA/QC Review (Name / iATL): Archived / Released: QA/QC InterLAB Use: Date: Date: Date: Time: Time: Date: Time: Date: Time: Date: Date:					

Calebraing 25 years none symple at a time www.iath.com

JLLP-PRECISION000294

- 1 **-**





Chain of Custody -Airborne Asbestos -

Contact Information	
Client Company: RCS ENUIRONMENTAL Office Address: 28/2 SHAKERCEST City, State, Zip: BEACHWOOD, OH 44/122 Fax Number: Email Address: RCS ENUIRONMENTAL 28/2 SHAKERCEST REACHWOOD, OH 44/122 Email Address:	Project Number: Project Name: CLEVELAND TRENCHAR Primary Contact: MNE Sulm of Office Phone: 216-376,8997 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 0.005 FICE BY NIDO NOT ANALYZE BY TEM IF GREE OF DETECTION LIMIT AND SMALL S	MOSH THOR (TEM). HEL THON 0.005 Flee BECAUSE
Turnaround Time Preliminary Results Requested Date: \$\sum_{10\text{ Day}} \sum_{5\text{ Day}} \sum_{3\text{ Day}} \sum_{2\text{ Day}} \sum_{1\text{ Day}} \sum_{1\te	
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: Time: Date: Date: Time: Date: Date: Time: Date: Date: Time: Date:

Colebrating 25 years ... one sample at a time www.iati.com

JLLP-PRECISION000295

-1-



Sample Log

-Airborne Asbestos -

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

Sampling Date: 8/23-26/11

	Client Sample #	iATL#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	Area (ft2) Volume (L)	Results C
Ì	08232011-08	4429716				700 1000	342	424 0,048
/	08232011-09	4429717				忌	60	2.65 <0017
V	08232011-10	4429718	1			南	210	10.6 0.019
V	08232011-11	4429719		_	_	40	BLANK	1.33
ζ.	8242011-08	4429720				1		265 < 0.047
V	8242011-09	4429721					512	29.2 0,000
V	9242011-10	4429722				岩田	362	18.6 0.020
	824201-11	4429723				40	BLANK	1.33
\neg	8252011-99	4429724				SS		7.29 0.0045
1	8252011-10	4429725				1		2.65 < 0.047
Ų	8252011-11	4429726		_		2	262	265 <0.011
	8252011-12	.4429727					BLANK	1.33
	82691-09	4429728		- <u>. </u>		30	64	265 50,044
	82811-10	4429729 4429730				*		7,96 0,0083
	8281-11 8281-12	4429731				760	206 BLANK	19.9 0.037

*= 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.

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 are made. conditions apply.

Celebrating 25 years, one sample at a time mos.ltgi.www.

-2-

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

44122

Report Date:

9/27/2011

Report Number: 253205

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)
4436670	082911-01	PER:West Side South Past End Of Bldg.	1296	2.65	<0.0022
4436671	082911-02	PER:West Side @ West Gate	1293	2.65	<0.0022
4436672	082911-03	PER:South End Of Property Near Center Of South	1290	2.65	<0.0022
4436673	082911-04	PER:East End Of Property Near Center	1275	2.65	<0.0022
4436674	082911-05	PER:South Side Of Decon Area	1305	2.65	<0.0022
4436675	082911-06	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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

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

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

Comments:

A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Method requires submittal of blanks. Reporting Limit based upon 7 f/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: __9/26/2011

Date Analyzed:

9/27/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/27/2011

Report Number: 253205

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)
4436676	083011-01	PER:West Side @ West Gate	1305	2.65	<0.0022
4436677	083011-02	PER:South SideNear Center	1305	2.65	<0.0022
4436678	083011-03	PER:East Side Near Center	1305	2.65	<0.0022
4436679	083011-04	PER:Southeast Of Decon Arca	1305	2.65	<0.0022
4436680	083011-05	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 ½mm². 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.

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: 9/26/2011

Date Analyzed: 9/27/2011

B. Reich

Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

----- -----_F

OH

44122

Report Date:

9/27/2011

Report Number: 253205

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)
4436681	083111-01	PER:West Side Southwest @ West Gate	1365	2.65	<0.0021
4436682	083111-02	PER:South End Center Of South	1344	2.65	<0.0021
4436683	083111-03	PER:East Side Center	1317	2.65	<0.0021
4436684	083111-04	PER:North Side Of Decon Area	1452	2.65	<0.0019
4436685	083111-05	Field Blank	0	1.33	NA

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

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:

Accreditation:

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 t/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.

1ATL 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.

Current annual Coefficient of Variation (CV) values from low to high floor langes are 0.24, 0.30, & 0.23 as required by M10311 /1004

Date Received: __9/26/2011

Date Analyzed: _

9/27/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/27/2011

Report Number: 253205

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)
4436686	090111-01	PER:West Side @ Gate	1221	2.65	<0.0023
4436687	090111-02	PER:South End Center Of South	1215	2.65	<0.0023
4436688	090111-03	PER:East Side Center	1206	2.65	<0.0023
4436689	090111-04	PER:North Side Of Decon Area	1600	2.65	<0.0018
4436690	090111-05	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 ar 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: __9/26/2011

Date Analyzed:

9/27/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/27/2011

Report Number: 253205

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)
4436691	090211-01	PER:Southwest On West Gate	1224	2.65	<0.0023
4436692	090211-02	PER:South End Center Of South	1224	2.65	<0.0023
4436693	090211-03	PER:East Side Center Of East	1221	2.65	<0.0023
4436694	090211-04	PER:North Side Of Decon Area	1624	2.65	<0.0017
4436695	090211-05	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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:

Accreditation:

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: 9/26/2011 9/27/2011

Date Analyzed:

B, Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

44122

Report Date:

9/27/2011

Report Number: 253205

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)
4436696	090611-01	PER:Southwest @ West Gate	1314	2.65	<0.0021
4436697	090611-02	PER:South End Center	1308	2.65	<0.0021
4436698	090611-03	PER:East Side Center	1290	2.65	<0.0022
4436699	090611-04	PER:North End Of Decon Area	1620	2.65	<0.0017
4436700	090611-05	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 ogency 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. governmer 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

9/27/2011 Date Analyzed:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of i



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

Report Date:

9/27/2011

Report Number: 253205

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)
4436701	090711-01	PER:Southwest @ West Gate	1068	2.65	<0.0026
4436702	090711-02	PER:South End Center	1065	2.65	<0.0026
4436703	090711-03	PER:East Side Center	1062	2.65	<0.0026
4436704	090711-04	PER:North End Of Decon Area	1172	2.65	<0.0024
4436705	090711-05	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 hased, 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 NIOSII 7400.

Date Received:

9/26/2011

Date Analyzed:

9/27/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ОН

Report Date:

9/27/2011

Report Number: 253205

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)
4436706	090811-02	PER:South End Near Center	1137	2.65	<0.0025
4436707	090811-03	PER:East Side Near Conter	1131	5.31	<0.0025
4436708	090811-04	PER:North End Of Decon Area	1608	2.65	<0.0017
4436709	090811-05	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 - NIOS117400 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.

IATI, assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government, Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/26/2011

Date Analyzed:

9/27/2011

Analyst:

B. Reich

Approved By:

Fre Fre Swanfel

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/27/2011

Report Number: 253205

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)
4436710	090911-01	PER:Southwest @ West Gate	1440	2.65	<0.0020
4436711	090911-02	PER:South Center	1440	18.6	0.0050
4436712	090911-03	PER:East Near Center	1425	13.3	0.0036
4436713	090911-04	PER:North End Of Decon	1716	2.65	<0.0016
4436714	090911-05	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, AIIIA 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: __9/26/2011

Date Analyzed:

9/27/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1



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: 2812 SHAKERCLEST Project Name: CLEVELAND TRENCHEL					
City, State, Zip: BEACHWOOD, OH 44122 Primary Contact: MIKE Schm. DT					
Fax Number: Office Phone: 216-376,0997					
Email Address: Cell Phone: SAME					
RCS environmental RMSN.com					
The transfer of the transfer o					
Matrix/Method:					
A 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					
(SREATER THAN 0.005 FICE BY NIOSH TY02 (TEM).					
DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 FICE 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**					
* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***					
End of next dustness day diffess otherwise specified. "Matrix Dependent, """ Flease notify the 1ab before snipping"."					
Chain of Custody					
Relinquished (Name/Organization): Date: Date: Date: Fing: , Som					
Received (Name / iATL): Date:					
Sample Login (Name / iATL): Date: Time:					
Analysis(Name(s) / iATL): QA/QC Review (Name / iATL): Date: Time: Date: Time					
Archived / Released: QA/QC InterLAB Use: Date: Time.					
LATL-R					
- Dy					
Celebraing 25 years - one sample at a lime sown lathoum					
«*« μπ.υσυ -1-					

10F5



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 ENURONMENTAL	Project: CLEVELAND TRENCHER
Sampling Date: 9/29-30/11	

Client Sample #	iATL#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	Area (ft2) Volume (L)	Results Ce
082911-01	4436670		!		150		2.65<0,002
08291102	4436671				n de	1293	2,65 <0.002
082911-03	4436672				忌	1	265<0002
082911-04	4436673		!		盘	1275	265 <0.002
082911-05	4436674				台	1305	265 <0,002
082911-06	4436675				4	BLANK	133
083011-01	4436676					1305	265 <0,00
083011-02	4436677				2 €	1305	265 < 0,002
093011-03	4436678				- 1 00	1305	2.65 <0,00
203011-04	4436679				18 8	1305 1	265 <0,002
083011-05	4436680				705	BANK	l=33
				<u> </u>	!		
							<u></u>
							<u>-</u>

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

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

*** = 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.

Calabrating 25 years a one sample as a time www.infl.com

20F5

JLLP-PRECISION000307

- 2 -



Sample Log

-Airborne Asbestos -

Client: RCS ENVIRONMENTAL	Project: CLEVELAND TRENCHER

Sampling Date: 8/31, 9/1, 9/2 2011

Client Samp	le#	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (#2) Volume (L)	mm2Results &	
063111-	01	4436681				虎	1365	265 <0,0021	
08311+ 0	12	4436682				8	1344	2.65 < 0.0021	
083111-0	3	4436683				165	1317	2.65 <0,0021	
083111-01	4	4436684				700		265 < 0,0019	
08311-0	5	4436685				700	BLANK	1.33	
090111-1	01	4436686				2	1221	265<0,0023	
090111 - 0	2	4436687				危	r	265<0,0023	
090111-0	03	4436688				吞	1200	2.65 <0.0023	
090111-0	4	4436689				£65	1600	2.65 <0,0018	
09011-0	5	4436690				15	BLANK	1.33	
090211-0	21	4436691				浸	1224	2.65<0.0023	
090211-0	2	4436692				1 000	1224	265 < 0.0023	
090211-0	3	4436693		!		元	[22]	265<0,0023	
090211-0	4	4436694				760	1624	2,65<0,0017	
090211-0	5	4436695				<i>t</i> to	BLANK	133	

Celebrating 25 years—tone sample at a time www.intiteour

30F5

JLLP-PRECISION000308

- 2 -

^{* =} Insufficient Sample Provided to Perform QC Reanalysis (<200mg)
** = Insufficient Sample Provided to Analyze (<50mg)
** = Matrix / Substrate Interference Possible

FB = Method Requires the submittat 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 amply 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 TRENCHER
Sampling Date: 96-8/11	

Client Sample #	IATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results &
090611-01	4436696				2	1314	7.65 <0,0021
090611-02	4436697		<u> </u>		あ	1308	265 <0,0021
090611-03	4436698				启	1290	2,65 <0,0022
090611-04	4436699	•		·) Ros	1620	265 < 0.0017
090611-05	4436700				to	Bank	1.33
090711-01	4436701				700	1068	2,65 <0,5026
50-11-06	4436702				2	1065	2.65<010026
090711-03	4436763				É	1062	2.65 <0.0026
9911-04	4436764				a Ros	1172	2.65 < 0,0024
090711-05	4436705				100	BLANK	1.33
090811-01	_ JOID -						-(MS)
090811-02	4436706				惫	1137	265 <0,0015
090811-03	4436707				100	1131	5.31 < 0,0025
090811-04	4436708				7	1600.	265 < 0,0017
090811-05	4436709				太	BLANK	1.33

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

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

*** 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 amply conditions apply.

Collimiting 25 years cone sample at a time

4 of 5

- 2 -



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: 9/9/11	

Client Sample #	- ·iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	A rea (ft2) Volume (L)	Results VCC
090911-01	4436710				忌	1440	265 < 0,0020
090911-02	4436710 4436711		<u> </u>	<u> </u>	哉	1440	18.6 0,0000
090911-03	4438712				岩	1425	133 0,0036
090911-04	4436713				750 1850	1716	265 <0,0016
090911-05	4436714				765	BLANK	1.33
			·				
		<u> </u>					
					}	[

Colchrating 25 years ...one sample at a time www.fath.com

50F5

JLLP-PRECISION000310

-2-

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

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

*** = 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.

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:

This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AlIIA 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. government

Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: ___9/26/2011

Date Analyzed:

9/27/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

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

			Volume	Density	Concentration
Lab No.	Client No.	Description / Location	(Liters)	(Fibers/mm ¹)	(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

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: 9/26/2011 9/27/2011

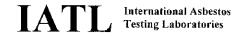
Date Analyzed:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ОН

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)
4436631	090711-06	EXC:Rodney Warrens#2410 SW EndWetting DebrisBeingLoaded	60	2.65	<0.0470
4436632	090711-07	PRS:Rodncy Warrens#2410 SW EndWetting DebrisBeingLoaded	358	2.65	<0.0078
4436633	090711-08	EXC:Daniel Schillero#7861 W.CenterLiningTrucks&SealingTruck	64	2.65	<0.0440
4436634	090711-09	PRS:Daniel Schillero#7861 W.CenterLiningTruck&SealingForDebris	358	2.65	<0.0078
4436635	090711-10	Field Blank	0	1.33	NA

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. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: __9/26/2011

Date Analyzed:

9/27/2011

Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page Loft

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

44122

Report Date:

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)
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:

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: __9/26/2011

9/27/2011 Date Analyzed:

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

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 <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

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. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400

Date Received: __9/26/2011

9/27/2011

Date Analyzed:

B. Reich

Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Bivd

Beachwood

__ .

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.	<u>Description / Location</u>	Volume (<u>Liters)</u>	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:Daniel Schillero#7861 S.EndOfSlabUsingWaterHoseWettingDebris	62	2.65	<0.0450
4436650	090111-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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. governmer Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/26/2011

Date Analyzed: 9/27/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

44122

Report Date:

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 (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-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 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: __9/26/2011 9/27/2011 Date Analyzed: B. Reich Analyst:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1



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 (<u>Liters)</u>	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

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 - NIOSII 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 6 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.

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

9/27/2011 B Reich

Analyst: B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ОН

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)
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

Accreditation:

This confidential report relates only to those tiem(s) tested and does not represent an endorsement by NIST-NVLAP, AHA 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 6/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: __9/26/2011

Date Analyzed: ____9/27/2011

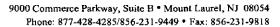
Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

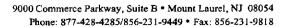




Chain of Custody

-Airborne Asbestos -

Contact Information
Client Company: RCS ENVIRONMENTAL Project Number:
Office Address: 28/2 SHAKERCREST Project Name: CLEVELAND TRENCHER
City, State, Zip: BEACHWOOD, OH 44122 Primary Contact: MIKE SCHMINDT
Fax Number: Office Phone: 216-379,0997
Email Address: Cell Phone:
RCS environmental RMSN.com
RESEAUTIONNEMENTAL EMBRICATION
Matrix/Method:
PCM: NIOSH 7400
PCM: OSHA ID-160
☐ TEM: NIOSH 7402
☐ TEM: NIOSH 7402
☐ TEM: ISO 10312
☐ TEM: ISO 10312
Other (M5 9 23 11)
(M) (I) (M)
Special Instructions: TED'S & ANALYZE ALL "POSITIVE" RESULTS
SPEATER KHAN O OOS FICE BY NIOSK THOSTEM
DO NOT ANAMZE BY THE F SEEDTER THEN QUOSTIC BELAUSE
OF DETECTION LIMIT AND SMALL SAMPLEX VOLUMBE
Turnaround Time
Preliminary Results Requested Date: Specific date / time
☐ 10 Day ☐ 5 Day ☑ 3 Day ☐ 2 Day ☐ 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH**
* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping ***
Chain of Custody
Relinquished (Name/Organization): Make Date: 9 23) Time: 57m
Received (Name / iATL): Date: Time:
Sample Login (Name / iATL): Date: Time: Time:
Analysis(Name(s) / iATL): QA/QC Review (Name / iATL): Date: Da
Archived / Released: QA/QC InterLAB Use: Date: Time:
State of the state
A CONTROL OF THE PROPERTY OF T
Celebrating 25 years Lone sample at a time ATL - BY
www.attroni
10F5





Sample Log

-Airborne Asbestos -

Client: ZCS	ENVIRONMENTAL	Project:	CLEURIAMO	TRENCHER	
- 					

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

		PERSO		412 5,	amples		
Client Sample #	IATL#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	A ros (ft2) Volume (L)	Results (
090211-04	4436621		!		启	900	265 <0,033(
090211-07	4436622			1	B	58	265<0.048
090211-08	4436623				8	918	2.65 < 0.0031
090211-09	4436624				1 60	60	265 <0,047
090211-10	4436625				150	BLANK	1.33
090611-06	4436626				200		2.65<0,045
109 abil- 07	4436627				2		2.65 <0,0031
09061-08	4436628				<u>₹</u>		265<9047
090611-09	4436629				檢	924	2.65 < 0.0030
1090611-10	4436630				5 0	BLANK	1.33
1090711-06	4436631				<u> </u>	0عا	2.65 < 0.047
090711-07	4436602				Ŕ	358	265 <0,0078
80-117090	4436633			 	100	64	2.65<0,044
1090711-09	4436634				760	358	265<0.0078
V09011-10	4436635				虚	BLANK	1.33

Calchrating 25 years ...one sample at a time www.faid.com

20F5

JLLP-PRECISION000321

- 2 -

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

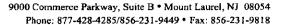
** = Insufficient Sample Provided to Analyze (<50mg)

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

** = Matrix | Substrate Interference Possible

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

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





Sample Log

-Airborne Asbestos -

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER	Client: RCS	ENVIRONMENTAL	Project:	CLEUELAND	TRENCHER
---	-------------	---------------	----------	-----------	----------

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

PERSONAL AIR SAMPLES Sampling Area (ft2) Results Location/ Flow Volume Start time IATL# Client Sample # Description Rate End (min) 4436636 846 265 <0,003 083011-06 100 72 265 <0.039 063011-07 265 <aa33 છ48 083011-08 4436609 265 <0,045 083011-09 4436640 1.33 083011-10 4436641 265 <0,044 <u>083111 - 06</u> 4436642 08311-07 **4436643** 083111-08 4436641 08311-09 4436645 4436646 4436647 09011-忿 4436648 830 4436649 265 <0.045 4436650 09011-10

Celebrating 25 years... one sample at a time www.inti.com

3065

- 2 -

⁼ 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.



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:	CHETTE	1265	ENUIRONMENTAL	Project:	CLEVELAND	TRENCHER	
		1 1			•	_	

Sampling Date: 8 29 11

			PERS	NAL ,	412 5	AMPLES		
	Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results Lec
J	082911-07	4436651		1				265<0,0069
Ч	082911-08	4436652				点	طاحا	2.65<0.043
Ų	082911-09	4436653				2	440	2,65 <0,0064
t٠	082911-10	4430051				る	4.0	265 <0,000
٧	082911-11	4436655				危	62	2.65 < 0.045
V	082911-12	4436656				2		2.65 < 0.0014
Ų	082911-13	4436657				165	BLANK	6.33
	· - · - · - 	·						
		· · · · · · · · · · · · · · · · · · ·		· · · · · · · · · · · · · · · · · · ·		·	_	
ŀ					<u> </u>		· 	
			-					
Į								

Celebrating 25 years ...one sample at a time

4 of 5

JLLP-PRECISION000323

- 2 -

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

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

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

** = Matrix / Substrate Interference Possible

FE = 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.



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: 205	ENUIRONMENTAL	Project: CLEURIAno	TREACHEL
Sampling Date	: ¥		

			PERSONAL	- AIR	- SAM	CLES		
ļ	Client Sample #	iATL#	Location/ Description	Flow Rate	<u>Start</u> End	Sampling time (min)	A rea (fi2) Volume (L)	MARKES ults Tec
Ų	090811-06	4436658			!	る	62	265 <0,045
Ч	09081107	4436659				吞	278	265 <0,0032
ļ	090811-08	4436660				喬	64	265 < 0,044
7	09081-09	4436661				Æ	882	265 <0,0032
Y	090011-10	4436662				Ŕ	60	265 < 0.047
Ч	090811-11	4436663		! ,		杨	878	2.65 <0,0032
Ч	690811-12	4436664				705	BLANK	1.33
	090911-06	4436665				200	60	265 <0,047
	090911-07	4436665				<u>2</u>	950	7.65 <0,0030
	090911-08	4436667				<u></u>		2,65<0,045
	090911-09	4436668				7 65		Z65 <0.0030
	090911-10	4436669				700	BLAN	1.33
					:			
ļ						-		
1		<u></u>				_		

* = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)
** = Insufficient Sample Provided to Analyze (<50mg)
**= 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 analy. conditions apply.

Celebrating 25 years—one sample at a time www.latt.com

50F5

JLLP-PRECISION000324

- 2 -

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

44122

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	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

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:

Accreditation:

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:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 2

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

9/22/2011

B. Reich

Date Analyzed:

Analyst:

OH

44122

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432787	091211-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC AIHA-LAP, LLC No. 100188 Accreditation: This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government 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 A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed. Comments: Method requires submittal of blanks. Reporting Limit based upon 7 1/mm2. These results are not blank corrected. IATL assumes that appropriate sampling methods were used and that the data upon which those results are based, has been accurately supplied by the client. This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400. Date Received: __9/21/2011

Page 2 of 2

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

<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:

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. government Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

 Date Received:
 9/21/2011

 Date Analyzed:
 9/22/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 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

Lab No.	Client No.	Description / Location	Volume (Liters)	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:

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. government Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: 9/21/2011

Date Analyzed: 9/22/2011

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

Page 2 of 2

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

44122

Report Date:

9/22/2011

Report Number: 252852

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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:

Accreditation:

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: 9/21/2011

Date Analyzed: _

9/22/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 2



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ientai Group

OH

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.	<u>Description / Location</u>	Volume (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432807	091411-10	Field Blank	0	1.33	NA

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-NVI AP. AIHA or any agency of the U.S. government.

AIHA Registry Program, LLC

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 Received:
 9/21/2011

 Date Analyzed:
 9/22/2011

 Analyst:
 B. Reich

Page 2 of 2

JLLP-PRECISION000330

AIHA-LAP, LLC No. 100188

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 (Liters)	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	860	2.65	<0.0033
4432815	091511-08	EXC:Daniel Schillero#7861 South End Scrap Lead Paint	74	2.65	<0.0380
4432816	091511-09	PER:Daniel Schillcro#7861 SouthEndScrapLeadPaint,Line&SealDumpster	850	2.65	<0.0033

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 frum? 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:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 2

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Blvd 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 (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:

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

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

Lab No.	Client No.	Description / Location	Volume (<u>Liters)</u>	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.Endl/S ExcavatorLoadingDebrisIntoDumpsters	868	2.65	<0.0032
4432825	091611-08	EXC:Scott Cline#1222 SouthEndLining&SealingDumpstersOfDebris	74	2.65	<0.0380
4432826	091611-09	PER:Scott Cline#1222 SouthEndLining&SealingDumpstersOfDebris	868	2.65	<0.0032

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. government. Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400

Date Received: __9/21/2011

Date Analyzed:

9/22/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 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 (Liters)	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:

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

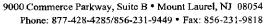
Page 2 of 2



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 SHAKECLEST Project Name: CLENELAND TRENCHER City, State, Zip: BEACHWOOD, OH 44122 Primary Contact: MNE SAMOOT Fax Number: Office Phone: Z16-376,0997 Email Address: Cell Phone: SAME RCS ENVIRONMENTAL Project Number: Office Phone: SAME
Matrix/Method: PCM: NIOSH 7400 PCM: OSHA ID-160 TEM: NIOSH 7402 TEM: AHERA 40 CFR 763 TEM: ISO 10312 TEM: ISO 10312 Other Special Instructions: PLEASE ANALYZE ALL "POSITIVE" RESULTS OF REATER THAN O.005 FICE BY NIOSH THOSE (TEM). DO NOT ANALYZE BY TEM IF GREATER THAN O.005 FICE BECAUSE OF DETECTION LIMIT AND SMALL SAMPLE VOLUME.
Turnaround Time Preliminary Results Requested Date: Specific date / time 10 Day 5 Day 2 Day 2 Day 1 Day* 12 Hour** 6 Hour** RUSH**
* End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping***
Chain of Custody Relinquished (Name/Organization): Received (Name / iATL): Sample Login (Name / iATL): Analysis(Name(s) / iATL): QA/QC Review (Name / iATL): Date: QA/QC Review (Name / iATL): Archived / Released: QA/QC InterLAB Use: Date: QA/QC InterLAB Use: Date: QA/QC InterLAB Use: Date: QA/QC InterLAB Use: Date: QA/QC InterLAB Use: Date: QA/QC InterLAB Use: Date: QA/QC InterLAB Use: QA/QC InterLAB
Celebrating 25 yearsone sample at a time





Sample Log

-Airborne Asbestos -

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

Client Sample #	· iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	mm ² Results	& CA
091211-01	4432778				Pos	1230	265 <0,0023	3002
041211-02	4432779				1 1 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	1233	2.65 <0,0023	
091211-03	4432780				185		2,65 < 0,0023	
09/211-04	4432781	1			₩.		2.65 <0,0018	
09/211-05	4432782		=		155		1.33	
091211-06	4432783			-	_ 75°		2.65 < 0.047	
09/2/1-07	4432784				彦	836	265 <90034	
091211-08	4432785				105 105	64	265 < 2044	
09/211-09	4432786				£5	836	265 < 0,0034	
09/2/1-10	4432787		-		105	NA	1.33	
09/3401	4432788				孟	1290	265 < 0.0022	
091311-02	4432789				2	1272	2,65 < 0,000	
091311-03	4432790				3 <u>5</u>	1257	4.64 <0.0022	
091311-04	4432791				仑	1612	2.65 <0,0017	
09/3/1-05	4432792				あ		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.

Calabrating 25 years, some sample at a time

www.dati.com

-2-



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

Sample Log

-Airborne Asbestos -

Client: Precision	Project: <u>Cleveland Trencher</u>
Sampling Date: 9/3 - 9/14	

Client Samp	ole# iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results /cc
091311-06	4432793				260	60	265 <0.047
091311-07	4432794				36.	820	265<0,034
09/9/1-0	4432795				£ 2	62	265 < 0,045
091311-0	4432796				163	81Z.	265 KO10035
091311-10	1132797				705	NΑ	1.33
091411-01	4432798				看	1269	2.65 <0.0022
09/4/1-07	2 4432799				718	1287	2,65 <0,0002
091411-0	3 4432800				学	1308	265<0,0021
091411-0	111111111				£.	1668	265 <0,0017
091411-0	5 44328 02				15	NA	1.33
09/411-0	6 4432803				120	60	2.65 < 0.04
091411-0	7 4432804				1	752	2,65 < 0,0037
091411-0	4432805				755	60	2.65 <0,04 7
091411-0	9 4432806				100	752	5.31 < 0.0037
091411-1	4432807				庙	NA	133

Celebrating 25 years...one sample at a time

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

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

** = 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 ambly



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: Percisi	on	_ Project:	Cleveland Trencher	
Sampling Date:	9/15-			

Client Sample #	iatl#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Mr. Results
091511-01	4432808				36	1/91	265<0,002
091511-02	4432809				启	1215	2.65 <0,002.
091511-03	4432810				Ŕ	1176	265 <0.002
091511-04	4432811				र्वे	1472	265 <0,001
091511-05	4432812				齿	NA	1.33
091511-06	4432813			-	君	60	2.65 <0.0 43
091511-07	4432814				2 165	860	2.65 < a003
091511-08	4432815				160	74	265 < 0.03
091511-09	4432816				Ŕ	850	265 <0,003
091511-10	4432817				765	NA	1.33
		-					
							
	 						
	·						

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

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

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

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

Celebrating 25 years...one sample at a time



Sample Log

-Airborne Asbestos --

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)	Mr. Results Cc
091611-01	4432818	B	i		台	1275	2.65 <0,0022
091611-02	4432819				ක්	13/1	2.65 < 0,0024
091411-03	4432820				200	1332	265 < 0.0021
091611-04	4432821				3	1724	7.65 <0,0016
09141-05	4432822				100	NA	133
091611-06	4432823				斋	72	2.65 40,039
0 91611-07	4432824				165	868	265 <01003
091611-08	4432825				Ŕ	74	265 <0.038
071611-09	4432826				1	848	2.45 <0.0032
09/611-10	4432827				あ	NA	1.33
			<u> </u>				
							
	<u></u>	-				· 	
		_			_		

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

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

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

** = Mathod 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.

Celebrating 25 years...one sample at a time

Client: RCS Environmental Group

2812 Shakercrest Blvd

OH

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 <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.OldPaintShopScrapCleanUpPaintFrGrnd	62	2.65	<0.0450
4436150	091911-09	PER:Scott Cline#1222 S.&F.SideScrap/Paint/UseBobcatMovePile	82 6	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, AIIIA 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 t/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

Date Analyzed: 9/26/2011

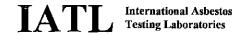
Date Analyzed: 9
Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 2



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 (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:

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: __9/24/2011

9/26/2011 Date Analyzed:

Analyst:

B. Reich

Page 2 of 2

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

Report Date:

9/26/2011

Report Number: 253171

Cleveland Trencher

Project No.:

Project:

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	NΛ
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.OITransformers	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:

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. government

Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

Date Received: __9/24/2011

9/26/2011 Date Analyzed:

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III

Page 1 of 2



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OΗ

44122

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	<u>Description / Location</u>	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:

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. gavernment

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. 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:

Page 2 of 2

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

44122

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/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	NΛ
4436167	092111-06	EXC:Rodncy 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

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 Trum. 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, AlHA 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:

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 2

Client:

RCS Environmental Group

2812 Shakercrest Blvd

9/26/2011

B. Reich

Date Analyzed:

Analyst:

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

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 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. Comments: 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

AIHA Registry Program, LLC

Page 2 of 2

JLLP-PRECISION000345

AIHA-LAP, LLC No. 100188

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

minemai Group

OH

44122

Report Date:

9/26/2011

Report Number: 253171

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume <u>(Liters)</u>	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 VSBldg.S.OldMechRmCleaningFireProofing	60	2.65	<0.0450
4436180	092211-09	PRS:Daniel Schillero#7861 I/SBldg.S.OldMechRmCleaningFireProofing	836	2.65	<0.0034

Accreditation:

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

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:
 9/24/2011

 Date Analyzed:
 9/26/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, Ill Laboratory Director

Page 1 of 2

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)
4436181	092211-10	Field Blank	0	1.33	NA

	AIHA Registry Program, LLC AIHA-LAP, LLC No. 100188
Accreditation:	This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
_	This report shall not be reproduced except in full, without written approval of the laboratory.
Analytical Method	l: 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	: <u>9/24/2011</u>
Date Analyzed	: 9/26/2011
Analyst:	B. Reich

Page 2 of 2

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)
4436182	092311-01	SW @ W.Gate	1203	2.65	<0.0023
4436183	092311-02	S.Side Near Center	1236	2.65	<0.0023
4436184	092311-03	E.Side Near Center	1239	2.65	<0.0023
4436185	092311-04	N.End Of Decon	1572	2.65	<0.0018
4436186	092311-05	Field Blank	0	1.33	NA
4436187	092311-06	EXC:Timothy Russell#4966 S.EndLoadDumpsterw/Debris	60	2.65	<0.0450
4436188	092311-07	PRS:Timothy Russell#4966 SW LoadDumpsterCleanUpRoofingDemoMetalBld	874	2.65	<0,0032
4436189	092311-08	EXC:Scott Cline#1222 SW Fireproofing Removal	62	2.65	<0.0450
4436190	092311-09	PRS:Scott Cline#1222 SW FireproofingRemovalCleaningOfBldg.	874	2.65	<0.0032

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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

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

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

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: __9/24/2011 Date Analyzed:

9/26/2011

Analyst:

B. Reich

Approved By:

Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 2



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

ОН

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)
4436191	092311-10	Field Blank	0	1.33	NA

AIHA Registry Program, LLC

AIHA-LAP, LLC No. 100188

Accreditation:

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

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.

LATL 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

Date Analyzed: 9/26/2011

Analyst: B. Reich

Page 2 of 2



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 SHAKERREST City, State, Zip: BEACHWOOD, OH 44122 Fax Number: Email Address: RCS ENUIRONMENTAL MSN	Project Number: Project Name: CLEVELAND TRENCHER Primary Contact: MINE Schmot Office Phone: 216-370,0997 Cell Phone: SAME
Matrix/Method: M-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 FICE BY DO NOT ANALYZE BY TEM IF OF OF DETECTION LIMIT AND SMALL	NIOSH THOZ(TEM). PEATER THAN 0.005 FICE BECAUSE
	☐Verbal ☐ Email ☐ Fax 1 Day* ☐ 12 Hour** ☐ 6 Hour** ☐ RUSH** atrix Dependent. ***Please notify the lab before shipping***
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: 9/23/2011 Time: 1800
And Continued to the second of	THE STUDYS OF FIRMS



Sample Log

-Airborne Asbestos -

Client: Precisi	on	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)	Imm Fee
091911-01	4436142				RS	1197	2,65 <0,0023
091911-02	4436143				磊	1197	265 40,0023
091911-03	4436144				2 80	1164	265 < 0.0024
091911-04	4436145				郡		2,65 <0,0019
091911-05	4436146				ゅ	NA	1.33
09/911-06	4436147				斋	60	265 <0.047
091911-07	4436148				易	824	265 <0.0034
091911-08	4436149				斋	62	265 <0.045
091911-09	4436150		:		点	824	2.65 < 0,0034
091911-10	4436151				150	NA	1.33
092011-DI	4436152				意	1191	2.65 <0,0024
092011-02	4436153				杨	1194	265 <00024
092011-03	4436154				2		2.65 <0.0024
092011-04	4438155				磊	1520	2.65 <0,0018
C92011-05	4436156				700	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 Continued To your Supply of the Continued To your Supply of th



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: <u>Precisio</u>	on	Project:_	Ckeveland Trancher	
Sampling Date:	9/20 - 9/21			

	1				,		1 P7 N
		Location/	Flow	Start	Sampling time	Area (ft2) Volume	Trange Results
Client Sample #	iATL#	Description	Rate	End	(min)	(L)	()
092011-06	4436157				启	60	265 < 0.047
092011-07	4436158				杨	788	265 < 0,0036
092011-08	4436159				斋	60	265 < 0,045
092011-09	4436160				7 165	788	265 <0,0036
092011-10	4436161				100	n A	1.33
092111-01	4436162					1164	265 <0,0024
092111-02.	4436163				700	1179	2.65 < 0.0024
092111-03	4436164				杨	1182	265 < 0,0024
097111-04	4436165				Ros Ros	1564	265 <00018
092111-05	4436166				760	NA	1.33
092111-06	4436167				孟	40	265<0.047
092111-07	4436168		<u> </u>		100	848	265<0.0033
092111-08	4436169				启		2-65<0.044
092111-09	4436170				杨	846	2.65 < 0.0033
092111-10	4436171				あ	NA	133

conditions apply.

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

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

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

**= Matrix / Substrate Interference Possible

FB = Metlind 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



Sample Log

-Airborne Asbestos -

Client: Precision	Project: Cleveland Trencher
Sampling Date: 9/22 - 9/23	

Client Sample #	iATL#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Results CC
092211-01	4436172					1137	2,65 < 0,0025
092211-02	4436173				75	1122	265 < 0.0025
09211-03	4436174				36	1140	2.65 <0.0025
092211-04	4436175				吞	1520	265 <0,0018
092211-05	4436176				150	NA	1.33
09221-06	4436177				杨	60	2.65 \$20,04
092711-07	4436178				1		265 <0,0034
092211-08	4436179				杨	60	265 < 0.045
092211-09	4436180				700	₹36	265 < 0.0034
0 92211-10	4436181				办	NA	133
092311-01	4436182				杨	1203	2.65 < 0.0023
092311-02	4436183				杨	1236	2.65 60,0003
092311-03	4436184				杨	1239	265 <0,6023
072311-04	4436185				忌	1572	2.65 < 0.0018
092311-05	4436186				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.



Sample Log

-Airborne Asbestos -

Client: <u>Recision</u>	Project: Ckveland Trencher
Sampling Date: 7/23	

Client Sample #	iatl#	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	Immir Results &
092311-06	4436187				165	60	265 < 0.045
092311-07	4436188				18	874	265 < 0,0032
092311-08	4436189			_	ros ros	62	265 < 0.045 265 < 0.0032
092311-09	4436190				300	874	2.65 < 0.0032
092311-10	4436191				协	NА	1.33
			-				
							

the errors IS years come sample at a finie

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

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

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

** = Motrix / 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.



SMGT.BatchSMR.0207

BATCH / SAMPLE MANAGEMENT REPORT

Customer No.:	RCS486			Batch Number:	2531
Customer:	RCS Environ 2812 Shakero	mental Group		Project:	Cleveland Trenc
	Beachwood	OH OH	44122	Project Number:	
Customer Rep:	SC			TAT:	3]
				Date/Time Rec'd:	9/24/20
# of Samples:	50	Analysis: P	PCM	Time/Date Due:	9/29/20
Initials Signal Acknowledge	ment		To PLM NOB	П То ТБ	M NOB
Special Instruct	tions:	environmental@n	Isn com		
Sh	ipping Error:				
	•• •	received in a seale	ed container. Bulk samples	not double bagged.	
Air	r Cassettes rece	ived open in bag		nised, possible contamination	n.
	mples received				
San	mples received	covered with dust	possible cross contamin		
Sar	mples received mple containers	covered with dust damaged, conten	ts spilled possible cross o	contamination.	
Sai	mples received mple containers perwork receive	covered with dust damaged, conten ed in the same bag	ts spilled possible cross of as samples possible contar	contamination.	
Sal	mples received mple containers perwork receive o / Incomplete C	covered with dust damaged, conten ed in the same bag Chain of Custody F	its spilled possible cross of g as samples possible contain Received.	contamination.	
Sal	mples received mple containers perwork receive o / Incomplete Co o / Incomplete S	covered with dust damaged, contened in the same bag Chain of Custody F ample Log Receiv	ts spilled possible cross of as samples possible contain Received.	contamination.	
Sai Pa Nc Nc Sa	mples received mple containers perwork receive o / Incomplete Co o / Incomplete S	covered with dust damaged, contened in the same bag chain of Custody F ample Log Receiv IDs do not match	its spilled possible cross of g as samples possible contain Received.	contamination.	
Sai Pa No No Sai No	mples received mple containers perwork received of Incomplete C of Incomplete S mple container of Turnaround T	covered with dust damaged, contened in the same bag chain of Custody F ample Log Receivations and the IDs do not match ime indicated.	ts spilled possible cross of as samples possible contain Received. wed. the client's sample log.	contamination. nination.	moved.
Sal Sal Pa Pa No No No Sal Po Bl	mples received mple containers perwork received / Incomplete C / Incomplete S mple container o Turnaround T CM Re-prep for ank(s) not subm	covered with dust a damaged, content and in the same bag chain of Custody I ample Log Receiving to one match interindicated. TEM NIOSH 740 atted as required by the content and the content an	ts spilled possible cross of as samples possible contain Received. wed. the client's sample log. Cassettes previously op by the requested analytical in	contamination. mination. ened and portion of filter remethod.	moved.
Sal Sal Sal Pa No No No Sal Po No	mples received mple containers perwork received / Incomplete C / Incomplete S mple container / Turnaround T // M Re-prep for ank(s) not subminimum shippin	covered with dust a damaged, content and in the same bag chain of Custody I ample Log Receiving to one match interindicated. TEM NIOSH 740 atted as required by the content and the content an	ats spilled possible cross of as samples possible contain Received. wed. the client's sample log.	contamination. mination. ened and portion of filter remethod.	moved.
Sal Sal Sal Pa No No No Sal Po Bl Mi	mples received mple containers perwork received / Incomplete C / Incomplete S mple container o Turnaround T CM Re-prep for ank(s) not subm	covered with dust a damaged, content and in the same bag chain of Custody I ample Log Receiving to one match interindicated. TEM NIOSH 740 atted as required by the content and the content an	ts spilled possible cross of as samples possible contain Received. wed. the client's sample log. Cassettes previously op by the requested analytical in	contamination. mination. ened and portion of filter remethod.	moved.
Sal Sal Sal Pa No No No Sal No Sal On	mples received mple containers perwork received / Incomplete C / Incomplete S mple container / Turnaround T // M Re-prep for ank(s) not subminimum shippin	covered with dust a damaged, content and in the same bag chain of Custody I ample Log Receiving to one match interindicated. TEM NIOSH 740 atted as required by the content and the content an	ts spilled possible cross of as samples possible contain Received. wed. the client's sample log. Cassettes previously op by the requested analytical in	contamination. mination. ened and portion of filter remethod.	moved.
Sai Sai Pa No No No Sai No Ot Bi W	mples received mple containers perwork received / Incomplete C o / Incomplete S mple container o Turnaround T CM Re-prep for ank(s) not subm inimum shippin her:	covered with dust damaged, contened in the same bag chain of Custody F sample Log Receiv IDs do not match ime indicated. TEM NIOSH 740 htted as required I g requirements no	ts spilled possible cross of as samples possible contain Received. wed. the client's sample log. Cassettes previously op by the requested analytical in	contamination. mination. mened and portion of filter remethod. urier Air Bill. Login Error: Sample Log Stamp	ped incorrectly:
Sal Sal Sal Pa No No Sal No Sal No Ot Bl W W	mples received mple containers perwork received / Incomplete C o / Incomplete S mple container o Turnaround T CM Re-prep for ank(s) not subm inimum shippin her:	covered with dust damaged, contened in the same bag chain of Custody F sample Log Receiva IDs do not match ime indicated. TEM NIOSH 740 htted as required by g requirements no	ts spilled possible cross of as samples possible contain Received. wed. the client's sample log. Cassettes previously op by the requested analytical in	contamination. mination. mened and portion of filter remethod. urier Air Bill. Login Error: Sample Log Stamp Sample Containers	ped incorrectly: s Mislabelled:
Sal Sal Sal Pa No No Sal No Sal No Ot Bl W W W	mples received mple containers perwork received / Incomplete C o / Incomplete S mple container o Turnaround T CM Re-prep for ank(s) not subm inimum shippin her: atch Error: rong Client ID rong Client Loc rong Project ID	covered with dust damaged, contened in the same bag chain of Custody F dample Log Receiva IDs do not match ime indicated. TEM NIOSH 740 ditted as required by g requirements no Listed: eation Listed:	ts spilled possible cross of as samples possible contain Received. wed. the client's sample log. Cassettes previously op by the requested analytical in	contamination. mination. mened and portion of filter remethod. urier Air Bill. Login Error: Sample Log Stamper Sample Containers Duplicate / Extra S	ped incorrectly: s Mislabelled: Samples Not Stamped:
Sal Sal Sal Pa No No Sal No Sal No Ot Bl W W W W	mples received mple containers perwork received / Incomplete C o / Incomplete S mple container o Turnaround T CM Re-prep for ank(s) not subm inimum shippin her: atch Error: rong Client ID rong Client Loc rong Project ID	covered with dust damaged, contened in the same bag chain of Custody F sample Log Receiva IDs do not match ime indicated. TEM NIOSH 740 hitted as required by g requirements no Listed: cation Listed: Listed: nd Time Listed:	ts spilled possible cross of as samples possible contain Received. wed. the client's sample log. Cassettes previously op by the requested analytical in	contamination. mination. mened and portion of filter remethod. urier Air Bill. Login Error: Sample Log Stamp Sample Containers	ped incorrectly: s Mislabelled: Samples Not Stamped:
Sal Sal Sal Sal Pa No No Sal No Sal No Ot Bi W W W W W W W W	mples received mple containers perwork received / Incomplete C o / Incomplete S mple container o Turnaround T CM Re-prep for ank(s) not subminimum shippin her: atch Error: rong Client ID frong Client Loc frong Project ID frong TurnArou. frong Due Date frong Date/Time	covered with dust damaged, contened in the same bag chain of Custody F ample Log Receiva IDs do not match ime indicated. TEM NIOSH 740 nitted as required by g requirements no Listed: cation Listed: Listed: d Time Listed: Listed: Received Listed:	ats spilled possible cross of as samples possible contain Received. Weed. The client's sample log. The cassettes previously op by the requested analytical of attained. See attached Cassettes previously operations at attained.	contamination. mination. mened and portion of filter remethod. urier Air Bill. Login Error: Sample Log Stamper Sample Containers Duplicate / Extra S	ped incorrectly: s Mislabelled: Samples Not Stamped:
Sal Sal Sal Sal Sal Sal No No Sal No Sal No Ot Bl W W W W W W W W W W W W W	mples received mple containers perwork received / Incomplete C / Incomplete S mple container o Turnaround T CM Re-prep for ank(s) not subm inimum shippin her: atch Error: trong Client ID frong Client Loc frong TurnArou frong Due Date frong Date/Time frong Analysis N	covered with dust damaged, contened in the same bag chain of Custody F ample Log Receiva IDs do not match ime indicated. TEM NIOSH 740 nitted as required by g requirements no Listed: cation Listed: Listed: d Time Listed: Listed: Received Listed:	ats spilled possible cross of as samples possible contain Received. Wed. The client's sample log. Cassettes previously op by the requested analytical of attained. See attached Ca	contamination. mination. mened and portion of filter remethod. urier Air Bill. Login Error: Sample Log Stamper Sample Containers Duplicate / Extra S	ped incorrectly: s Mislabelled: Samples Not Stamped:

JLLP-PRECISION000355

Copy: FE, JN, RS



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OH

44122

Report Date:

10/6/2011

Report Number: 254002

Project:

Cleveland Trencher

Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

<u>Lab No.</u>	Client No.	Description / Location	Volume (Liters)	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	lo. 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	I: Phase Contrast Microscopy - NIOSH 7	7400 Method Revision #4, Issue 2, August 15,	1994		
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/mm². These re ing methods were used and that the data upon w those item(s) tested and does not represent an o in (CV) values from low to high fiber ranges are	sults are not blank corrected. thich these results are based, has be indorsement by NIST-NVLAP, All	en accurately supplied by the client. HA or any agency of the U.S. governmen	
Date Received	:10/5/2011	-			
Date Analyzed	l:10/6/2011	_	Approved By:		
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director	

Page 1 of 1



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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)
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:	This confidential report relates o	Registry Program, LLC only to those item(s) lested and does not represent in separation that the reproduced except in	full, without written approval of the labora	or any agency of the U.S. government	
Analytical Method:	Phase Contrast Microscopy - NIOSH 7	400 Method Revision #4, Issue 2, Augus	: 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 firmm ² . 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. governm 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	

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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)
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 F.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 labor	atory.		
Analytical Method	: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, Aug	st 15, 1994			
Comments:	A VOID concentration means that the sample has been overloaded with partic Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². T IATL assumes that appropriate sampling methods were used and that the data. This confidential report relates only to those item(s) tested and does not represent annual Coefficient of Variation (CV) values from low to high fiber random to the confidence of th	nese results are not blank corrected. upon which these results are based, has but an endorsement by NIST-NVLAP, Al	een accurately supplied by the client. IHA or any agency of the U.S. governmer		
Date Received	<u> 10/5/2011</u>				
Date Analyze	:	Approved By:			
Analyst:	B. Reich		Frank E. Ehrenfeld, III Laboratory Director		

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

•

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)
4445142	092711-06	EXC:Scott Cline#1222;S.End Line&SealLoadDumpstersRanBobcat	60	2.65	<0.0470
4445143	092711-07	PRS:Scott Cline#1222;S.End Line&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	Registry Program, 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 not be reproduced except in full, witho	out written approval of the labora	ory.		
Analytical Method:	: Phase Contrast Microscopy - NIOSH	7400 Method Revision #4, Issue 2, August 15, 1994				
Comments:	Method requires submittal of blanks. IATL assumes that appropriate sampli This confidential report relates only to	sample has been overloaded with particulate matter Reporting Limit based upon 7 f/mm ² . These results ng methods were used and that the data upon which those item(s) tested and does not represent an endon n (CV) values from low to high fiber ranges are 0.22	are not blank corrected. these results are based, has be- sement by NIST-NVLAP, AII	en accurately supplied by the client. IA or any agency of the U.S. governmer		
Date Received:	10/5/2011					
Date Analyzed	10/6/2011		Approved By:			
Analyst:	B. Reich			Frank E. Ehrenfeld, III Laboratory Director		

Page 1 of 1



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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)
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 Prog	gram, LLC	AIHA-LAP, LLC N	lo. 100188
Accreditation:	This confidential report relates only to those item(s) tes	sted and does not represent ar	n endorsement by NIST-NVLAP, AIHA	or any agency of the U.S. government
	This report shall not	be reproduced except in full, y	without written approval of the labora	tory.
Analytical Method	: Phase Contrast Microscopy - NIOSH 7400 Method Revision	ın #4, Issue 2, August 15, 1	1994	
Comments:	A VOID concentration means that the sample has been over Method requires submittal of blanks. Reporting Limit base IATL assumes that appropriate sampling methods were use This confidential report relates only to those item(s) tested a Current annual Coefficient of Variation (CV) values from I	ed upon 7 f/mm². These res ed and that the data upon wi and does not represent an cr	ults are not blank corrected. hich these results are based, has be adorsement by NIST-NVLAP, AIF	on accurately supplied by the client. A 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

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakererest 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)
4445155	092811-07	EXC:Scott Cline#1222 S.End LineSealDumpster;LoadMoveDebris	30	2.65	<0.0940
4445156	092811-08	PRS:Scott Cline#1222;S.EndLine SealDumpster;MoveDebrisIntoPiles	840	2.65	<0.0033
4445157	092811-09	EXC:Pedro Castillo#3274 NS Inside Bldg.Clean Floor	31	2.65	<0.0910
4445158	092811-10	PRS:Pedro Castillo#3274 NS Inside Bldg.Clean Floor	842	2.65	<0.0033
4445159	092811-11	Field Blank	0	1.33	NA

AlHA 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. 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

Page 1 of 1



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

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)
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

Accreditation:	AIHA Registry Program, LLC	AIHA-LAP, LLC No. 100188		
	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 excep	ot in full, without written approval of the laboratory.		
Analytical Method	: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, Aug	gust 15, 1994		
Comments:		These results are not blank corrected. Lupon which these results are hased, has been accurately supplied by the client, sent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government		
Date Received:	: <u>10/5/2011</u>			
Date Analyzed	;10/6/2011	Approved By:		
Analyst:	B. Reich	Frank E. Ehrenfeld, III Laboratory Director		

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

OTT

Report Date:

10/6/2011

Report Number: 254002

234002

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)
4445165	092911-06	EXC:Scott Cline#1222 N.End Line Seal Dumpsters	62	2.65	<0.0450
4445166	092911-07	EXC:Scott Cline#1222 N.EndLineSealDumpstersUseBobcatMoveWater	852	2.65	<0.0033
4445167	092911-08	EXC:Israel Rojas#3715 S.End Wash Concrete	60	2.65	<0.0470
4445168	092911-09	PRS:Israel Rojas#3715 S.End Wash Concrete	852	2.65	<0.0033
4445169	092911-10	Field Blank	0	1.33	NA

	AIHA	Registry Program, LLC	AIHA-LAP, LLC N	lo. 100188
Accreditation:	This confidential report relates	only to those item(s) tested and dues not represent an endo	orsement by NIST-NVLAP, AIHA	or any agency of the U.S. government
		This report shall not be reproduced except in full, without	ut written approval of the labora	tory.
Analytical Method:	Phase Contrast Microscopy - NIOSH	400 Method Revision #4, Issue 2, August 15, 1994		
Comments:	Method requires submittal of blanks. IATL assumes that appropriate sampli This confidential report relates only to	sample has been overloaded with particulate matter. Reporting Limit based upon 7F/mm^2 . These results a g methods were used and that the data upon which those item(s) tested and does not represent an endors n (CV) values from low to high fiber ranges are 0.24	are not blank corrected. these results are based, has be- sement by NIST-NVLAP, AIF	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
Analyst:				Laboratory Director

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

- -- **E**

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 (<u>Liters)</u>	Density (Fibers/mm²)	Concentration (Fibers/cc)
4 445170	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	NΑ

	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, 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 7	7400 Method Revision #4, Issue 2, August 15, 19		100).	
Comments:	Method requires submittal of blanks. I IATL assumes that appropriate sampling This confidential report relates only to	sample has been overloaded with particulate mat Reporting Limit based upon 7 t/mm ² . These resu ng methods were used and that the data upon whi those item(s) tested and does not represent an en- n (CV) values from low to high fiber ranges are to	its are not blank corrected. ich these results are based, has be dorsement by NIST-NVLAP, All	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	

Page 1 of 1



Client:

RCS Environmental Group

OH

2812 Shakercrest Blvd

Beachwood

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)
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

Accreditation:	AIHA Registry Program, LLC	AIHA-LAP, LLC No. 100188
	This confidential report relates only to those item(s) tested and does not re	present an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
	This report shall not be reproduced exce	pt in full, without written approval of the laboratory.
Analytical Meth-	od: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, Au	gust 15, 1994
Comments:		These results are not blank corrected. a upon which these results are based, has been accurately supplied by the client, sent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. governmen
Date Receive	ed:10/5/2011	
Date Analyzo	ed: 10/6/2011	Approved By:
Analyst:	B. Reich	Frank E. Ehrenfeld, III Laboratory Director

Page 1 of 1

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)
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

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. 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 Approved By: Frank E. Ehrenfeld, III Laboratory Director		AIHA Registry Program, LLC	AIHA-LAP, LLC No. 100188
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. 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: B. Reich Approved By: Frank E. Ehrenfeld, III	Accreditation:	This confidential report relates only to those item(s) tested and does not represe	ent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
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 Approved By: B. Reich B. Reich		This report shall not be reproduced except in	full, without written approval of the laboratory.
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: B. Reich Approved By: Frank E. Ehrenfeld, III	Analytical Metho	d: Phase Contrast Microscopy - NIOSH 7400 Method Revision #4, Issue 2, August	15, 1994
Date Analyzed: 10/6/2011 Approved By: B. Reich Frank E. Ehrenfeld, III	Comments:	Method requires submittal of blanks. Reporting Limit based upon 7 I/mm ² . Thes IATL assumes that appropriate sampling methods were used and that the data upor This confidential report relates only to those item(s) tested and does not represent	se results are not blank corrected. on which these results are based, has been accurately supplied by the client. an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government
B. Reich Frank E. Ehrenfeld, III	Date Receive	d: 10/5/2011	
A 1 . D. AQIQII	Date Analyze	ed:10/6/2011	Approved By:
	Analyst:	B. Reich	· · · · · · · · · · · · · · · · · · ·

Page 1 of 1

Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

~~~

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<br>(Liters) | Density<br>(Fibers/mm²) | Concentration<br>(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<br>DcconAreaCleaningUsingBobcat                  | 60                 | 2.65                    | <0.0470                      |
| 4445188 | 100311-09  | PRS:James Omallay#1708;DeconArea<br>CleaningByHand&BobcatPressureWasher | 916                | 2.65                    | <0.0031                      |
| 4445189 | 100311-10  | Field Blank                                                             | 0                  | 1.33                    | NA                           |

|                   | AIHA                                                                                                                         | Registry Program, LLC                                                                                                                                                                                                    | AIHA-LAP, LLC !                                                                                                    | No. 100188                                                                     |
|-------------------|------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|
| Accreditation:    | This confidential report relates o                                                                                           | only to those item(s) tested and does not represe                                                                                                                                                                        | nt an endorsement by NIST-NVLAP, AIHA                                                                              | or any agency of the U.S. government                                           |
|                   |                                                                                                                              | This report shall not be reproduced except in f                                                                                                                                                                          | ull, without written approval of the labora                                                                        | ntory.                                                                         |
| Analytical Method | l: Phase Contrast Microscopy - NIOSH 7                                                                                       | 7400 Method Revision #4, Issue 2, August 1                                                                                                                                                                               | 15, 1994                                                                                                           |                                                                                |
| Comments:         | Method requires submittal of blanks. I<br>IATL assumes that appropriate sampling<br>This confidential report relates only to | sample has been overloaded with particulate Reporting Limit based upon 7 f/mm². These ng methods were used and that the data upothose item(s) tested and does not represent an (CV) values from low to high fiber ranges | e results are not blank corrected.<br>In which these results are based, has be<br>an endorsement by NIST-NVLAP, AI | een accurately supplied by the client.  HA or any agency of the U.S. governmer |
| Date Received     | : 10/5/2011                                                                                                                  |                                                                                                                                                                                                                          |                                                                                                                    |                                                                                |
| Date Analyzed     | l: 10/6/2011                                                                                                                 |                                                                                                                                                                                                                          | Approved By:                                                                                                       |                                                                                |
| Analyst:          | B. Reich                                                                                                                     |                                                                                                                                                                                                                          |                                                                                                                    | Frank E. Ehrenfeld, III<br>Laboratory Director                                 |
| Analyst:          | D. REICH                                                                                                                     |                                                                                                                                                                                                                          |                                                                                                                    |                                                                                |

Page 1 of 1



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

oroup

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<br>(Liters) | Density<br>(Fibers/mm²) | Concentration (Fibers/cc) |
|---------|------------|----------------------------------|--------------------|-------------------------|---------------------------|
| 4445190 | 100411-01  | Perimeter<br>Bldg.Center E.Side  | 1326               | 2.65                    | <0.0021                   |
| 4445191 | 100411-02  | Perimeter<br>S.End Center        | 1326               | 2.65                    | <0.0021                   |
| 4445192 | 100411-03  | Perimeter<br>E.Side @ Fuel Pump  | 1317               | 2.65                    | <0.0021                   |
| 4445193 | 100411-04  | Perimeter<br>N.End In Decon Area | 1332               | 2.65                    | <0.0021                   |
| 4445194 | 100411-05  | Field Blank                      | 0                  | 1.33                    | NA                        |

|                              | AIHA Registry Program, LL                                                                                                                                                                                                                                                                                                                                             | C 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            | t: 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 Method requires submittal of blanks. Reporting Limit based upon 7 f/m IATL assumes that appropriate sampling methods were used and that the This confidential report relates only to those item(s) tested and does not a Current annual Coefficient of Variation (CV) values from low to high fil | m². These results are not blank corrected.  e data upon which these results are based, has be represent an endorsement by NIST-NVLAP, A | neen accurately supplied by the client.  IHA or any agency of the U.S. governmen |  |  |  |  |
| Date Received  Date Analyzed | 40161004                                                                                                                                                                                                                                                                                                                                                              | Approved By                                                                                                                             | :                                                                                |  |  |  |  |
| Analyst:                     | B. Reich                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                         | Frank E. Ehrenfeld, III<br>Laboratory Director                                   |  |  |  |  |
|                              |                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                         |                                                                                  |  |  |  |  |

Page 1 of 1



Client:

RCS Environmental Group

2812 Shakercrest Blvd

Beachwood

vironinemai Group

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<br>(Liters) | Density<br>(Fibers/mm²) | Concentration (Fibers/cc) |
|---------|------------|-----------------------------------------------------|--------------------|-------------------------|---------------------------|
| 4445195 | 100411-06  | EXC:Scott Cline#1222<br>E.SideDeconAreaWorkingSouth | 60                 | 2.65                    | <0.0470                   |
| 4445196 | 100411-07  | PRS:Scott Cline#1222<br>NE Decon Area Cleaning      | 818                | 2.65                    | <0.0034                   |
| 4445197 | 100411-08  | Field Blank                                         | 0                  | 1.33                    | NA                        |

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | AP, 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 appr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | roval of the laboratory.                                                                                                |  |  |  |  |  |  |
| Analytical Metho | thod: 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 no Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank LATL assumes that appropriate sampling methods were used and that the data upon which these results This confidential report relates only to those item(s) tested and does not represent an endorsement by NI Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.000 to the confidence of | corrected.  are based, has been accurately supplied by the client.  (ST-NVLAP, AIHA or any agency of the U.S. governmen |  |  |  |  |  |  |
| Date Received    | ved: <u>10/5/2011</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                                         |  |  |  |  |  |  |
| Date Analyze     | zed:10/6/2011 Ap                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | pproved By:                                                                                                             |  |  |  |  |  |  |
| Analyst:         | B. Reich                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Frank E. Ehrenfeld, III<br>Laboratory Director                                                                          |  |  |  |  |  |  |

Page 1 of 1



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: 28/2 SHAKERCREST Project Name: CLEVELAND TRENCHER                                                        |  |  |  |  |  |
| City, State, Zip: BEACHWOOD, OH 44122 Primary Contact: MIKE SCHMINDT                                                     |  |  |  |  |  |
| Fax Number: Office Phone: 216-376,0997                                                                                   |  |  |  |  |  |
| Email Address: Cell Phone: SAME                                                                                          |  |  |  |  |  |
| RCS environmental QMSN.com                                                                                               |  |  |  |  |  |
| KC DENOTION MAN 141 ENSIGNED IT                                                                                          |  |  |  |  |  |
| 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                                                              |  |  |  |  |  |
| (SPEATER THAN 0.005 F/CL BY NIOSH 7402 (TEM).                                                                            |  |  |  |  |  |
| DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 FICE BECAUSE                                                                 |  |  |  |  |  |
| OF DETECTION LIMIT AND SMALL SAMPLE VOLUME                                                                               |  |  |  |  |  |
|                                                                                                                          |  |  |  |  |  |
| Turnaround Time                                                                                                          |  |  |  |  |  |
| Preliminary Results Requested Date:  Specific date / time  Verbal                                                        |  |  |  |  |  |
| □ 10 Day □ 5 Day □ 3 Day □ 2 Day □ 1 Day* □ 12 Hour** □ 6 Hour** □ RUSH**                                                |  |  |  |  |  |
|                                                                                                                          |  |  |  |  |  |
| * End of next business day unless otherwise specified. ** Matrix Dependent. ***Please notify the lab before shipping *** |  |  |  |  |  |
|                                                                                                                          |  |  |  |  |  |
| Chain of Custody / // DECEIVE                                                                                            |  |  |  |  |  |
| Relinquished (Name/Organization): Date: 10/4/2011 Time: 1800                                                             |  |  |  |  |  |
|                                                                                                                          |  |  |  |  |  |
| Received (Name / iATL):  Sample Login (Name / iATL):  Date:  Date:  Time:  5 2011                                        |  |  |  |  |  |
| Analysis(Name(s) / iATL): Date: 1/6/// Time:                                                                             |  |  |  |  |  |
| QA/QC Review (Name / iATL): Date: Time                                                                                   |  |  |  |  |  |
| Archived / Released:QA/QČ InterLAB Use: Date:TAT #iffie Dy                                                               |  |  |  |  |  |
|                                                                                                                          |  |  |  |  |  |

Celebrating 25 years...one sample at came a www.lat.com

- I -

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: <u>Precision</u>   | Project: Cleveland Trencher |
|----------------------------|-----------------------------|
| Sampling Date: 9/26 - 9/27 |                             |

| !            | Client Sample # | iATL#     | Location/<br>Description | Flow<br>Rate | Start<br>End | Sampling<br>time<br>(min) | Area (ft2)<br>Volume<br>(L) | Results (           |
|--------------|-----------------|-----------|--------------------------|--------------|--------------|---------------------------|-----------------------------|---------------------|
| ١            | 092611-01       | 4445127 < |                          |              |              | 7<br>190                  | 1107                        | 2.65 <0,0025        |
|              | 092611-02       | 4445128 - |                          |              |              | ***                       | 1107                        | 765 <0,007 <i>5</i> |
|              | 09241-03        | 4445129   |                          |              |              | 31B                       | 1110                        | 265 < 0.0025        |
|              | 092611-04       | 4445130 ~ | :                        |              |              | 766                       | 1448                        | 265 < 0,0019        |
|              | 092611-05       | 4445131 🗸 |                          |              |              | お                         | NA                          | 1.33                |
|              | 092111-06       | 4445132   |                          |              |              | 急                         | 60                          | 2.65 <0,047         |
|              | 092611-07       | 4445133 🗸 |                          |              |              | <b>₩</b>                  | 706                         | 265 <0,0040         |
|              | 092611-08       | 4445134   |                          | 1            |              | 磊                         | 60                          | 265 < 0.047         |
|              | 092611-09       | 4445135 🗸 |                          |              |              | 急                         | 7/2                         | 2,65 < 0,0039       |
| $\downarrow$ | 0924/1-10       | 4445136 V |                          |              |              | 协                         | NA                          | 133                 |
|              | 092711-01       | 4445137 / |                          |              |              | 老                         | 1347                        | 265 <0,0021         |
|              | 092711-02       | 4445138 - |                          |              |              | <u>₹</u>                  | 1326                        | 265<0,0021          |
|              | 092711-03       | 4445139 < |                          |              |              | 斋                         | 1323                        | 265 < 0,0021        |
| ł            | 092711-04       | 4445140 V |                          |              |              | 700                       | 1684                        | 2.65<0.0517         |
|              | 092711-05       | 4445141   |                          | <del></del>  |              | 右                         | NA                          | 1133                |

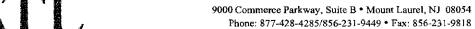
Celebrating 25 years...one sample at a time

<sup>\* =</sup> 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.





-Airborne Asbestos -

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

|          | Client Sample # | iATL#     | Location/<br>Description | Flow<br>Rate | Start<br>End | Sampling<br>time<br>(min) | Area (ft2)<br>Volume<br>(L) | Results       |
|----------|-----------------|-----------|--------------------------|--------------|--------------|---------------------------|-----------------------------|---------------|
| )        | 092711-00       | 4445142   | :                        |              |              | 2<br>160                  | 60                          | 2.65 < 0.047  |
|          | 092711-07       | 4445143 / |                          |              |              | 后                         | 874                         | 2.65 < 0.0032 |
|          | 092711-08       | 4445144 / |                          |              |              | 杨                         | 60                          | 265 <0,047    |
|          | 092711-09       | 4445145   |                          |              |              | 2                         | 874                         | 265 <0,0031   |
|          | 69271-10        | 4445146 🗸 |                          | _            |              | 房                         | 90                          | 265 < 0.031   |
|          | 092711-11       | 4445147   |                          |              |              | 危                         | 1287                        | 265 40,0002   |
| ,        | 092711-12       | 4445148   |                          |              |              | ito                       | NA                          | 1.33          |
| _        | 092811-01       | 4445149 / |                          |              |              | 700                       | 1294                        | 2,65 < 0,002  |
|          | 092811-02       | 1445150   |                          |              |              | 12                        | 1296                        | 2.15<0.002    |
|          | 092811-03       | 4445151   |                          |              |              | 孟                         | 1290                        | 2.65 < 0,0022 |
|          | 092811-04       | 4445152 v |                          |              |              | <u>7</u>                  | 1620                        | 265 <0,0017   |
|          | 092811-05       | 4445153 ~ |                          |              |              | <u>2</u>                  | 1326                        | 265 <0,0021   |
|          | 092711-06       | 4445154   |                          |              |              | 705                       | NA                          | 1.33          |
| <b>'</b> | 092811-07       | 4445155   |                          |              |              | 忌                         | 30                          | 265 < 2.094   |
|          | 0 72811-08      | 4445156 / |                          |              |              | 750                       | 840                         | 265 40,0033   |

Celubrating 25 years ...one sample at a time

www.iatl.com

-2-

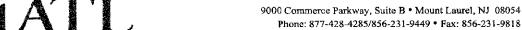
<sup>\*=</sup> Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

\*\*= 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 amply conditions apply.





-Airborne Asbestos -

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

|          | Client Sample # | iATL#                  | Location/<br>Description | Flow<br>Rate | Start<br>End | Sampling<br>time<br>(min) | Area (ft2)<br>Volume<br>(L) | Results f            |
|----------|-----------------|------------------------|--------------------------|--------------|--------------|---------------------------|-----------------------------|----------------------|
|          | 092811-09       | 4445157                |                          |              |              | 龙                         | 31                          | 2.65<0.091           |
| <u> </u> | 092811-10       | 4445158                |                          |              |              | 100                       | 842                         | 265<0,0033           |
| Ĺ        | 092811-11       | 4445159                |                          |              |              | A                         | NA                          | 1.33                 |
| *        | 092911-01       | 4445160                |                          |              |              | <u>2</u>                  | 1296                        | 2.65 <0,0022         |
|          | 092911-02       | 4445161                |                          |              |              | 合                         | 1284                        | 265 <0,0022          |
|          | 092911-03       | 4445162                |                          |              |              | 2<br>100                  | 1240                        | 2455 <02022          |
|          | 092911-04       |                        |                          |              |              |                           | 1620                        | 2,65 < 0,0017        |
|          | 092911-05       | 4445163 V<br>4445164 V |                          |              |              | pto                       | NA                          | 1.33                 |
|          | 092911-04       | 4445165 ~              |                          |              |              | 彦                         |                             | 265-<0.045           |
|          | 092911-07       | 4445166                |                          |              | <u> </u>     | 1860<br>1860              |                             | 2. <b>85</b> <0.3033 |
|          | 092911-08       | 4445167                |                          |              | <br>         | 毒                         |                             | 265<0.047            |
|          | 092911-09       | 4445168                |                          | <del></del>  | <u> </u>     | 1                         | 852                         | 265<0,003            |
| -        | 072911-10       | 4445169                |                          |              |              | 150                       | NA                          | 1.33                 |
| !        |                 |                        |                          |              |              |                           |                             |                      |
|          |                 |                        |                          |              |              |                           |                             |                      |

Celebrating 25 years...one sample at a time

www.dail.com

<sup>\* =</sup> Insufficient Sample Provided to Perform QC Reanalysis (<200mg)

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

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

\*\*\* = Matrix / Substrate Interference Possible

FB = Method Requires the submittal of blank(s). ML = Multi Lapered 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 early.



-Airborne Asbestos -

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

| Client Sample #   | iATL#     | Location/<br>Description | Flow<br>Rate | Start<br>End | Sampling<br>time<br>(min) | Area (ft2)<br>Volume<br>(L) | Results from  |
|-------------------|-----------|--------------------------|--------------|--------------|---------------------------|-----------------------------|---------------|
| <b>0</b> 93011-01 | 4445170   |                          |              |              | る                         | 1137                        | 265 <0,0025   |
| 09.3011-01        | 4445171   |                          |              |              | 最                         | 1146                        | 265 40.0575   |
| 093011-03         | 4445172 / |                          |              |              | 3k                        | 1/41                        | 2.65 < 0.0024 |
| 093011-04         | 4445173   |                          |              |              | do                        | 1480                        | 265 <0.0019   |
| 093011-05         | 4445174   | ·                        |              |              | あ                         | NA                          | 1.33          |
| 093011-06         | 4445175   |                          |              |              | 启                         | 60.                         | 265 < 0.047   |
| 093011-07         | 4445176 - |                          |              |              | 易                         | 810                         | 2.65 <0.0035  |
| 093011-08         | 4445177   |                          |              |              | 台                         | 60                          | 2.65 <0.047   |
| 093011-09         | 4445178 / |                          |              |              | <i>7</i> 6                | 814                         | 265 <0.0038   |
| 093011-10         | 4445179   |                          |              |              | 160                       | NA                          | 133           |
| 100311-01         | 4445180   |                          |              |              | 168                       | 1401                        | 2.65 < 0,0020 |
| 100311-02         | 4445181   |                          |              |              | 吞                         | 1401                        | 265<0.0020    |
| 100311-03         | 4445182   |                          |              |              | 危                         | 1404                        | 265 <0.0020   |
| 10311-04          | 4445183/  |                          |              |              | <del>76</del> 0           | 1398                        | 2.65 < 0.0020 |
| 10311-05          | 4445184   |                          |              | ·            | 160                       | N A                         | 133           |

<sup>\* =</sup> 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

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: Precison          | _Project:_ | Cleveland | Trenchen |  |
|---------------------------|------------|-----------|----------|--|
| Sampling Date: 10/3 -10/4 |            |           |          |  |

| Client Sample # | iATL#     | Location/<br>Description | Flow<br>Rate | Start<br>End | Sampling<br>time<br>(min) | Area (ft2)<br>Volume<br>(L) | Results of    |
|-----------------|-----------|--------------------------|--------------|--------------|---------------------------|-----------------------------|---------------|
| 10311-06        | 4445185 0 |                          |              |              | 360                       | 60                          | 265 < 2047    |
| 100311-07       | 4445186   |                          |              |              | 1<br>150                  | 914                         | 265<0,0031    |
| 100311-08       | 4445187   |                          |              |              | 局                         | 60                          | 265 < 0.047.  |
| 100311-09       | 4445188   |                          | ·            |              | <b>1</b> 30               | 916                         | 26520,0031    |
| 100311-10       | 4445189   |                          |              |              | 成                         | NA                          | 1.33          |
| 100411-01       | 4445190   |                          |              |              | 3                         | 1326                        | 265<0,0021    |
| 100411-02       | 4445191 - |                          |              |              | ]<br>65                   | 1326                        | 2.65<0,0021   |
| 100411-03       | 4445192 ~ |                          |              |              | 君                         | 13/1                        | 265<0.0021    |
| 100411-04       | 4445193   |                          |              |              | 2<br>200                  | 1332                        | 2.65 < 0.0002 |
| 100411-05       | 4445194   |                          |              |              | <u>*</u>                  | NA                          | 1.33          |
| 100411-06       | 4445195   |                          |              |              |                           | 60                          | 265<0.047     |
| 100411-07       | 4445196   |                          |              |              | <del>1</del> 20           | 818                         | 2.65 <0,0034  |
| 100411-08       | 4445197   |                          |              | -            |                           | NA.                         | 1.33          |
|                 |           |                          |              |              |                           |                             |               |

-2-

<sup>\*-</sup> Insufficient Sample Provided to Perform QC Reanalysts (<200mg)

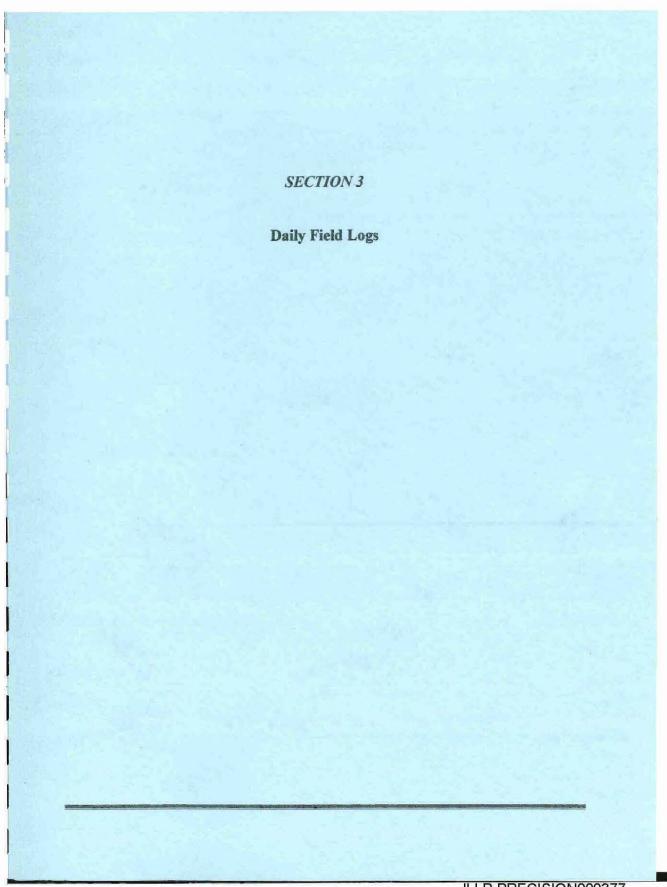
\*\* - Insufficient Sample Provided to Analyze (<50mg)

\*\*\* = Matrix / Substrate Interference Possible

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

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.

\*\*Cocombination of the sampling methods are considered to the official results. All EPA, HUD, and NIDEP conditions apply.





| DATE: 8/23/201    | 1 |   |
|-------------------|---|---|
| PROJECT:          |   |   |
| FIELD REPORT No.: |   |   |
| PAGE /            |   | • |

#### **ASBESTOS DAILY FIELD REPORT**

| FIELD OBSERVATIONS:                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| O700 Ceail Brannon on-site for RCS and Mike Schmidt of RCS. Kenny Yates and Redney Warrens on site for Precision Env. Andrew Kiel of Westen Schriftens for EPA |
| Warrens on s.k for Precision Env. Andrew Kiel of Weston Solutions for EPA                                                                                      |
| Weather 62°F Winds 5 MPN SE                                                                                                                                    |
| OBOD Mike Schmodt off site Presision 2 Workers unload equipment suppys and setup Decen area. Cool Brannon setup brakground samples                             |
| and set up Decon area. Cecil Brannon set up braky ound samples                                                                                                 |
| 1000 Precision is fixing the fencing around The propty                                                                                                         |
| Cocil Brannon of RCS and Andrew Kiel of Weston Solutions work the office                                                                                       |
| Building Bey founded 9x9 floor 2x4 Ce long like 9x9 Culting & Brown Martet glue also                                                                           |
| paper book ect on the Floor though out the builty They found Pipe Ininhation                                                                                   |
| most obut the ceiling in good Condation.                                                                                                                       |
| 1100 The 2 Worker for Precision Start Sealing windows with Chie tape I Poly on the                                                                             |
| 2 tloor of office building Start in the North West Working East                                                                                                |
| 1140 Precision Stop for lunch                                                                                                                                  |
|                                                                                                                                                                |
| 1230 Precision are on 2nd floor office building Scaling Windows 1445 Workers Cleanup for end of Shift                                                          |
| 1448 Workers Cleanup for end of Shift                                                                                                                          |
| 772                                                                                                                                                            |
| 1530 Precision, Weston Solutions and RCS off-Site                                                                                                              |
|                                                                                                                                                                |
|                                                                                                                                                                |
|                                                                                                                                                                |
|                                                                                                                                                                |
| INFORMATION OF ACTION PROUPED BY CONTRACTOR.                                                                                                                   |
| INFORMATION OR ACTION REQUIRED BY CONTRACTOR:                                                                                                                  |
|                                                                                                                                                                |
|                                                                                                                                                                |
| INFORMATION OF ACTION PROJUPED BY DOC.                                                                                                                         |
| INFORMATION OR ACTION REQUIRED BY RCS:                                                                                                                         |
|                                                                                                                                                                |
|                                                                                                                                                                |
| INFORMATION OR ACTION REQUIRED BY THE OWNER:                                                                                                                   |
| INFORMATION OR ACTION REQUIRED BY THE OWNER.                                                                                                                   |
|                                                                                                                                                                |
|                                                                                                                                                                |
| DISTRIBUTION                                                                                                                                                   |
| <u>Biolings from</u>                                                                                                                                           |
| OWNER                                                                                                                                                          |
| OWNER CONTRACTOR                                                                                                                                               |
| _                                                                                                                                                              |
| RCS OFFICE                                                                                                                                                     |
| FIELD OFFICE                                                                                                                                                   |
| LABORATORY                                                                                                                                                     |
|                                                                                                                                                                |
| REPORTED BY:                                                                                                                                                   |
| REPORTED BY:                                                                                                                                                   |

| <b>&gt;</b>             |
|-------------------------|
| RCS Environmental Group |

# ASBESTOS AIR MONITORING REPORT

| Date        | 8/23/2011 |
|-------------|-----------|
| Client      |           |
| Project     |           |
| Project No. |           |

| <del></del> |                |              | DESCRIPTIVE INFO  | RMATION                     | Analytical Method |                 |  |
|-------------|----------------|--------------|-------------------|-----------------------------|-------------------|-----------------|--|
| SAMPLE I.D. | SAMPLE<br>TYPE | WORKERS NAME | SOCIAL SECURITY # | LOCATION                    | ACTIV             | RESPIRATOR TYPE |  |
| 082311-01A  | BGD            |              |                   | Westside of Property South  | Dass end of Build |                 |  |
| 082311-07A  | BGD            |              |                   | West side of Property @ Wes |                   |                 |  |
| 082311-03 A | BGP            |              |                   | Southwest corner of Prope   |                   |                 |  |
| 082311-04 A | BGD            |              |                   | South center of Propert     |                   |                 |  |
| 082311-054  | BGP            |              |                   | Eastside East of Propert    |                   |                 |  |
| 082311-06A  | BGD            |              |                   | Northend inside Decon Ar    |                   |                 |  |
| 082311-07 A | FB             |              |                   | Field Blank                 |                   |                 |  |
|             |                |              |                   |                             |                   |                 |  |
|             | ·              |              |                   |                             |                   |                 |  |
|             |                |              |                   |                             |                   |                 |  |
|             | ,              |              |                   |                             |                   |                 |  |

### **ANALYTICAL INFORMATION**

| AVALI (IOAL IN CHIRATION |                            |                      |                 |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------|----------------------------|----------------------|-----------------|-------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| DIIMD #                  | ÇALIB.                     | FLOW RATE            | (L/min)         | RL                                                          | INNING TIME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | (min)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | VOLUME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | FIBERS/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | FIBERS/                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LOQ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | FIBER/cm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| , σ <sub>π</sub>         | BEGINNING                  | END                  | AVERAGE         | START                                                       | STOP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DURATION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (Litera)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FIELDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | (Blank Corr)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CM <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | (Blank Corr)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| 20                       | 2.0                        | 2.0                  | 2.0             | 6808                                                        | 1449                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 401                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 802                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 74                       | 2.0                        | 2.0                  | 2.0             | 0810                                                        | 1452                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 904                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 49                       | 2.0                        | 2.0                  | 2.0             | 0413                                                        | 1455                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 402                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 804                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 99                       | 2.0                        | 2,0                  | 2.0             | 0819                                                        | 1458                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 399                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 798                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 87                       | 2.0                        | 2.0                  | 2.0             | 0814                                                        | 1500                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 396                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | 792                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 54                       | 2.0                        | 2.0                  | 2.0             | 0832                                                        | 1506                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| NA                       | NA                         | NΑ                   |                 | NA                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          |                            |                      |                 |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          |                            |                      |                 |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | <u> </u>                   |                      |                 |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          |                            |                      |                 |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | 1                          |                      |                 |                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|                          | 74<br>49<br>99<br>87<br>54 | PUMP # BEGINNING  20 | BEGINNING   END | PUMP#   CALIB.FLOW RATE (L/min)   BEGINNING   END   AVERAGE | PUMP #         CALIB. FLOW RATE (L/min)         RL           BEGINNING         END         AVERAGE         START           20         2.0         2.0         2.0         6808           74         2.0         2.0         2.0         0810           49         2.0         2.0         2.0         0913           99         2.0         2.0         2.0         0819           87         2.0         2.0         2.0         0814           54         2.0         2.0         2.0         0832 | PUMP #         CALIB. FLOW RATE (L/min)         RUNNING TIME           BEGINNING         END         AVERAGE         START         STOP           20         2.0         2.0         0808         1449           74         2.0         2.0         2.0         0810         1452           49         2.0         2.0         2.0         0713         1455           99         2.0         2.0         2.0         0819         1458           87         2.0         2.0         2.0         0824         1500           54         2.0         2.0         2.0         0832         1506 | PUMP#         CALIB. FLOW RATE (L/min)         RUNNING TIME (min)           BEGINNING         END         AVERAGE         START         STOP         DURATION           20         2.0         2.0         0.808         / 449         401           74         2.0         2.0         0.810         / 452         402           49         2.0         2.0         0.913         / 435         402           99         2.0         2.0         0.819         / 458         3.99           87         2.0         2.0         2.0         0.814         / 500         3.94           54         2.0         2.0         2.0         0.932         / 500         3.94 | PUMP#         CALIB. FLOW RATE (L/min)         RUNNING TIME (min)         VOLUME (Liters)           20         Z.O         2.0         2.0         0.808         1.449         40.1         80.2           7.4         2.0         2.0         0.810         1.452         4.02         9.04           49         2.0         2.0         0.913         1.435         4.02         80.4           99         2.0         2.0         2.0         0.819         1.458         3.99         7.98           87         2.0         2.0         2.0         0.814         1.500         3.94         7.92           54         2.0         2.0         2.0         0.932         1.500         3.94         7.88 | PUMP #         CALIB. FLOW RATE (L/min)         RUNNING TIME (min)         VOLUME (Liters)         FIBERS/FIELDS           20         2.0         2.0         2.0         6808         1449         401         802           74         2.0         2.0         2.0         0810         1452         402         904           49         2.0         2.0         0913         1435         402         804           99         2.0         2.0         2.0         0819         1458         399         798           87         2.0         2.0         2.0         0814         1500         394         792           54         2.0         2.0         2.0         0832         1500         394         788 | PUMP #         CALIB. FLOW RATE (L/min)         RUNNING TIME (min)         VOLUME (Liters)         FIBERS/ FIBERS/ mms (Blank Corr)           20         2.0         2.0         0.808         1.449         40.1         80.2         80.2         40.2         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         90.4         9 | PUMP#   CALIB. FLOW RATE (L/min)   RUNNING TIME (min)   VOLUME   FIBERS   FIBERS |

|                                                                 |                                                                                   | KEY TO ABBREVIATIONS                               |                                             | Comments             |
|-----------------------------------------------------------------|-----------------------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------|----------------------|
| SAMPLE                                                          | TYPE                                                                              | ACTIVITY                                           | RESPIRATOR                                  | 4.                   |
| PRS = personal HEX = heps exhaust FB = field blank BC = iteratu | FC = final clearance<br>EXC = excursion<br>IWA = inside work area<br>IWA = work 4 | REM = removal<br>CLN ≈ clean-up<br>GLBG = glovebag | HM = helf mask  FF = full face  P = powered | Sampled by Date Date |

| CE  | ,<br>D00 E I II         |
|-----|-------------------------|
| (3) | RCS Environmental Group |

# ASBESTOS AIR MONITORING REPORT

| Date8/2           | 23/2011 |
|-------------------|---------|
| Client            |         |
| Project           |         |
| Project No.       |         |
| Analytical Method | ·       |

|                        |     |                                | DESCRIPTIVE INFO | DRMATION         | Analytical Method                     |          |              |  |  |
|------------------------|-----|--------------------------------|------------------|------------------|---------------------------------------|----------|--------------|--|--|
| SAMPLE I.D. SAMPLE WOL |     | WORKERS NAME SOCIAL SECURITY # |                  | LOCATION         |                                       | ACTIVITY | RESPIRATOR   |  |  |
| 08232011-08            | PRS | Rodney Warrens                 | 2410             | To Decon A.      | rea Setup unlead Suppy                | 3        |              |  |  |
| 08132011-09            | PXC | Rodney Warrens                 | 24/0             | 2nd Floor Office |                                       |          |              |  |  |
| 08232011-10            | PRS | Rodney Warrens                 | 2410             |                  | e Building Senling Wine               |          |              |  |  |
| 08232011-11            | FB  |                                |                  | Field            | Blank                                 |          |              |  |  |
|                        |     |                                |                  |                  |                                       |          |              |  |  |
|                        |     |                                |                  |                  |                                       |          |              |  |  |
|                        |     |                                |                  |                  |                                       |          | 1            |  |  |
|                        |     |                                |                  |                  |                                       |          |              |  |  |
|                        |     |                                | <del>- </del>    |                  |                                       |          | 1            |  |  |
|                        |     |                                | <del> </del>     | <del></del>      | · · · · · · · · · · · · · · · · · · · |          |              |  |  |
|                        |     |                                | <del></del>      |                  |                                       |          | <del> </del> |  |  |
|                        |     |                                | <u> </u>         |                  |                                       |          | <del> </del> |  |  |
| <u></u>                |     | . <u>1—,</u>                   | <del> </del>     |                  |                                       |          |              |  |  |

### **ANALYTICAL INFORMATION**

| AWAST HONE AND OTHER TOTAL |                                         |                                                  |             |              |       |            |              |              |         |              |                 |                                                  |
|----------------------------|-----------------------------------------|--------------------------------------------------|-------------|--------------|-------|------------|--------------|--------------|---------|--------------|-----------------|--------------------------------------------------|
| SAMPLE I.D.                | PUMP #                                  | CALIB,                                           | FLOW RATE   | (L/min)      | RU    | NNING TIME | (min)        | VOLUME       | FIBERS/ | PIBERS/      | LOQ<br>FIBERS/  | FIBER/om <sup>2</sup>                            |
| OMINITED IID.              | POMP #                                  | BEGINNING                                        | END         | AVERAGE      | START | STOP       | DURATION     | (Liters)     | FIELDS  | (Blank Corr) | om <sub>3</sub> | (Blank Corr)                                     |
| 08232011-08                | KYT                                     | 7.0                                              | 2.0         | 2.0          | 0848  | 11:39      | 171          | 342          |         |              |                 |                                                  |
| 08232011-09                |                                         | 2.0                                              | 2.0         | 2.0          | 1230  | 1300       | 30           | 60           | _       |              |                 |                                                  |
| 08232011-10                | KYI                                     | 2.0                                              | 2.0         | 2.0          | 1300  | 1445       | 105          | 210          |         |              |                 |                                                  |
| 08232011-11                | λA                                      | NA                                               | NA          |              |       |            |              |              |         |              |                 |                                                  |
|                            |                                         |                                                  |             |              |       |            |              |              |         |              |                 |                                                  |
|                            | *************************************** |                                                  |             |              |       |            |              |              |         |              |                 |                                                  |
|                            |                                         |                                                  | <del></del> |              |       |            |              |              |         |              |                 |                                                  |
|                            |                                         |                                                  |             |              |       |            |              |              |         |              |                 | <del>                                     </del> |
|                            |                                         | 1                                                |             |              |       |            | <del> </del> | <del></del>  |         |              |                 | 1                                                |
|                            |                                         |                                                  |             |              |       |            |              | <del></del>  |         |              |                 | <del> </del>                                     |
|                            |                                         | 1                                                |             |              |       |            |              |              |         |              |                 |                                                  |
|                            |                                         | <del>                                     </del> |             | <del> </del> |       | ~          | 1            | <del> </del> |         |              |                 |                                                  |
|                            |                                         | <del></del>                                      |             | <u> </u>     |       |            |              | L            |         | L            |                 | L                                                |

|                                                                       | <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                     |                                                                              |         | <u> </u>                       |                 |             |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|------------------------------------------------------------------------------|---------|--------------------------------|-----------------|-------------|
|                                                                       | KEY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | TO ABBREVIATIONS                                                    |                                                                              | Commen  | its <u>start 10031</u> 0830./4 | urk 1130-1230s; | topwork 144 |
| SAMPLE                                                                | TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | ACTIVITY                                                            | RESPIRATOR                                                                   |         |                                |                 |             |
| PRS = personal<br>HEX = heps exhaust<br>FB = field blank<br>B( ckgrou | FC = final clearance<br>EXC = excursion<br>IWA = inalde work stree<br>OWA = Work   The control of the con | REM = removal CLN = clean-up GLBG = glovebag res C = waste lood-out | HM = half maak<br>FF = tull taos<br>P = powered<br>APR = air puritvino resp. | Sampled | ,                              | Date            | 8/23/2011   |



EAB CERCLA 106(b) 12-01 001617



| DATE:_  | 8/24/20     | <i>II</i> |  |
|---------|-------------|-----------|--|
| PROJEC  |             |           |  |
| FIELD R | EPORT No.:_ | 2         |  |
| PAGE /  |             |           |  |

### **ASBESTOS DAILY FIELD REPORT**

| FIELD OBSERVATIONS:                                                                                                                              |
|--------------------------------------------------------------------------------------------------------------------------------------------------|
| O700 Cecil Brannon on-site for RCS Kenny lates and Rodney Warrens on-site 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                                                                               |
| Temple 4 th Knin Winds 6-18 MPH                                                                                                                  |
| The 2 Workers for Precision with be sealing window with Poly tape + Glue                                                                         |
| on the 2nd floor of Office building                                                                                                              |
| 0730 Rain has Stored                                                                                                                             |
| 4800 Emly Wolf of Precision on site to go over work with Kenny Yents                                                                             |
| P800 Preusion Delivery of trail Water track and other caugment                                                                                   |
| 1100 Emy Wolf off - Site Kenny Vales is King Bobcat to Clean up area for                                                                         |
| Cleaning (Deconing) Trucks for loading out debirs (ACM) Rodry Warren on                                                                          |
| and floor office building 2nd floor Scaling Windows                                                                                              |
| 1980 P. TION OF LE DINIGHT 2 Floor Schling Windows                                                                                               |
| 1200 Precision Stop for Lunch Temp 80°F Winds SW at 16 MPH<br>1230 I Worker will be son bobcat set up Decon area I Worker on 2nd floor           |
| 1230 I Warker Will be on Doblat Set up Decon area I Worker on L' +100r                                                                           |
| of Office building sealing windows                                                                                                               |
| 1300 Cecil Branner Collect Background and present Samples                                                                                        |
| 15.30 Presision 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:                                                                                                                                     |

| (5) | RCS Environmental Group |
|-----|-------------------------|
|     | Group                   |

SAMPLE TYPE

PRE

PRS FB

PUMP#

Pol

POI

Pol

NA

BEGINNING

2.0

2.0

2.0

NA

**WORKERS NAME** 

Rodney Warrens

Rodney Warrens

Rodner Warrens

OALIB. FLOW RATE (L/min)

END

2.0

20

2.0

NA

AVERAGE

2.0

2.0

20

NA

SAMPLE I.D.

8242011-08

8242011 -09

8242011 - 10

8242011- 11

SAMPLE I.D.

8242011-08

8242011 -09 8242011 - 10

8242011- 11

## **ASBESTOS AIR MONITORING REPORT**

**DESCRIPTIVE INFORMATION** 

**ANALYTICAL INFORMATION** 

**RUNNING TIME** (min)

STOP

0758

1214

1515

NA

DURATION

30

256

181

SOCIAL SECURITY #

2410

2410

2410

START

0728

0758

1214

NA

|                    |                                      |                                               |                | •                                                |
|--------------------|--------------------------------------|-----------------------------------------------|----------------|--------------------------------------------------|
|                    |                                      | Date                                          | 8/24/2         | oll                                              |
|                    |                                      | Client                                        |                |                                                  |
|                    |                                      | Project                                       |                |                                                  |
|                    |                                      | Project No                                    |                |                                                  |
|                    |                                      | Analytical                                    | Method         |                                                  |
| LOCAT              |                                      |                                               | ACTIVITY       | RESPIRATOR<br>TYPE                               |
| 2nd Floor          | Sealing W<br>Sculing W<br>Seculing U | indows                                        | Prep           |                                                  |
| , 2rd Floor        | Scaling 4                            | 1. ndows                                      | Prep<br>Prep   |                                                  |
| 4 1 th Hoo         | Seculiar L                           | ڪيره لي درل                                   | Prep           |                                                  |
| Black              |                                      |                                               |                |                                                  |
|                    |                                      |                                               |                |                                                  |
|                    |                                      |                                               |                |                                                  |
| <del></del>        |                                      | ····                                          |                |                                                  |
|                    |                                      |                                               |                |                                                  |
|                    |                                      |                                               |                |                                                  |
|                    |                                      |                                               |                |                                                  |
|                    |                                      |                                               |                |                                                  |
|                    |                                      |                                               |                |                                                  |
|                    |                                      |                                               |                | <del> </del>                                     |
|                    |                                      |                                               |                | <u> </u>                                         |
|                    |                                      |                                               |                |                                                  |
| VOLUME<br>(Liters) | FIBERS/<br>FIELDS                    | FIBERS/<br>(MITT <sup>2</sup><br>(Blank Corr) | LOQ<br>FIBERS/ | FIBER/cm <sup>a</sup><br>(Sienk Carr)            |
| 60                 |                                      |                                               |                | <del></del>                                      |
| 512                |                                      |                                               |                |                                                  |
| 362                |                                      |                                               |                |                                                  |
| <u> </u>           |                                      | ·                                             | <del> </del>   | <del>                                     </del> |
|                    |                                      |                                               | <del> </del>   |                                                  |
|                    |                                      |                                               | ļ              | <del></del>                                      |
|                    |                                      |                                               | ļ              | <del> </del>                                     |
|                    |                                      |                                               | ·              |                                                  |
|                    |                                      |                                               |                | <u> </u>                                         |
|                    |                                      |                                               |                |                                                  |
| ·                  |                                      |                                               |                | <del></del>                                      |
|                    |                                      | <del></del>                                   | <del> </del>   | <del></del>                                      |
|                    |                                      |                                               | <del> </del>   | <del></del>                                      |
|                    |                                      |                                               | <u> </u>       |                                                  |
| ,                  |                                      |                                               |                |                                                  |
| ·                  |                                      |                                               |                |                                                  |
|                    |                                      |                                               |                |                                                  |

| RCS Environmental Group |
|-------------------------|
|-------------------------|

# ASBESTOS AIR MONITORING REPORT

| Date      | 8/24/2011 |
|-----------|-----------|
| Client _  |           |
| Project . |           |
| Project I | No        |

|             |                |                                       | DESCRIPTIVE INFO  | RMATION            | A                   | Analytical Method |                    |  |
|-------------|----------------|---------------------------------------|-------------------|--------------------|---------------------|-------------------|--------------------|--|
| SAMPLE I.D. | SAMPLE<br>TYPE | WORKERS NAME                          | SOCIAL SECURITY # |                    | LOCATION            | ACTIVITY          | RESPIRATOR<br>TYPE |  |
| 82411-018   | BGD            | <u> </u>                              |                   | Westside of Proper | rty South passendos | Builder           |                    |  |
| 082411-028  | BGD            |                                       |                   | WesteideofProper   | Ly eWestside Gate   |                   |                    |  |
| 082411-033  | BGD            |                                       |                   | Southwest Corner   |                     |                   |                    |  |
| 082411-04B  | BGP            |                                       |                   | South Center of    | Property            |                   |                    |  |
| 082411-05B  | BBD            |                                       |                   | Eastside East of   | Property            |                   |                    |  |
| 082411-068  | BGD            |                                       |                   | Northendinside     | Decon Area          |                   |                    |  |
| 082411-07B  |                | ,                                     |                   | Field B            |                     |                   |                    |  |
|             |                |                                       |                   |                    |                     |                   |                    |  |
|             |                |                                       |                   |                    |                     |                   |                    |  |
|             |                |                                       |                   |                    |                     |                   |                    |  |
|             |                |                                       |                   |                    |                     |                   |                    |  |
|             |                | · · · · · · · · · · · · · · · · · · · |                   |                    |                     |                   | · [                |  |

#### **ANALYTICAL INFORMATION**

|             |        |           |                          |                                                | MALI IIV | AR HAN OL  | 1717111011 |           |         |                                |                |              |
|-------------|--------|-----------|--------------------------|------------------------------------------------|----------|------------|------------|-----------|---------|--------------------------------|----------------|--------------|
| SAMPLE I.D. | PUMP # | CALIB.    | CALIB. FLOW RATE (L/min) |                                                | AU       | NNING TIME | (min)      | VOLUME    | FIBERS/ | FIBERS/                        | LOQ            | FIBER/om     |
|             | COME   | BEGINNING | END                      | AVERAGE                                        | START    | 870P       | DURATION   | (i.itera) | FIELDS  | Mm <sup>e</sup><br>(Blank Com) | FIBERS/<br>cm² | (Blank Corr) |
| 082411-013  | 20     | 7.0       | z.0                      | 2.0                                            | 0825     | 1452       | 387        | 774       |         |                                |                |              |
| 082411-023  | 79     | 7.0       | 2.0                      | 2.0                                            | 08430    | 1454       | 384        | 768       |         |                                |                |              |
| 082411-083  | 49     | 7.0       | 2.0                      | 2.0                                            | 0834     | 1455       | 381        | 742       |         |                                |                |              |
| 082411-04B  | 49     | 2.0       | 200                      | 2.0                                            | 0839     | 1501       | 382        | 764       |         |                                |                |              |
| 082411-053  | 87     | 2.0       | 2.0                      | 2.0                                            | 0842     | 1504       | 384        | 742       |         |                                |                |              |
| 082411-06B  | 54     | 2.0       | z. 0                     | 2.0                                            | 6850     | 1512       | 382        | 764       |         |                                |                |              |
| 082411-073  | NA     | NA        | NA                       | NA                                             | NΑ       | NΑ         |            |           |         |                                |                |              |
|             |        |           |                          |                                                |          |            |            |           |         |                                |                |              |
|             |        |           |                          |                                                |          |            |            |           |         |                                |                | <u> </u>     |
|             |        |           |                          | l <u> —                                   </u> |          |            | <u> </u>   |           |         |                                |                |              |
|             |        |           |                          |                                                |          |            | <u> </u>   |           |         |                                |                |              |
|             |        |           |                          |                                                |          |            | ļ <u> </u> | -         |         |                                |                | ļ            |

|                                                             |                                                                                   | KEY TO ABBREVIATION                                             | 18                                                        | Comments          |           |
|-------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------|-------------------|-----------|
| SAMPLE                                                      | TYPE                                                                              | ACTIVITY                                                        | RESPIRATOR                                                |                   |           |
| PRS = personal HEX = heps exhaust FP = seld blank BL ckgrou | FC = final clearance<br>EXC = excursion<br>IWA = inside work area<br>OWA = work ( | REM = removal<br>CLN = clean-up<br>GLBG = glovebac<br>= wasta } | HM = half mask FF = full face P = powered = air pt = rap. | Sampled by Date _ | 4/24 2011 |



8/24/11
0200640T Wind Ewithgest 18,
1200 800 Wind 5W / 6MPh
1200 800 Wind 5W / 6 Backgrounds B 3 Ressonals



| DATE:          | 8/25/2011    |  |
|----------------|--------------|--|
| <b>PROJECT</b> |              |  |
| FIELD REI      | PORT No.:_ 3 |  |
| PAGE 1         |              |  |

#### **ASBESTOS DAILY FIELD REPORT**

| FIELD OBSERVATIONS: 0700 Cecil Brannon on-sit for RCS Kenny Yates and Rodney Warrens on-site for Precision and Andrew Kiel on-sit With Westen Solutions. A Storm come though over night some of the play over Coving the window in a faire building 2nd floor come lose Precision is reseal Window 1st.  * Temp 70 F Winds NW 12 MPH.                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 Worker's sealing Window on 2" Floor of Offic Building and I Worker is certing forth wood To cover opening to the 1st Floor Office building Office building Office building Office Brannen of RCS setup Bruk ground air Samples Thoughout Provision resound a supply Delivery                                                                                                                 |
| 1200 Precision stop work for lunch Temp 75° Winds WNW 12 MPN 1230 INVESTOR For Precision will be using the to seal up Windswen 1st flore of the Office Building and Illborker Patting play wood over door opening as 1st flore of Office Bailding to Secure and isolate work area from the Office Building Precisions E bedricionis on site to finsh connecting electricity to the Job Thirect |
| 1450 Cecil Brannon Collect Background Sample 1500 Precision Chan up for end of Shift                                                                                                                                                                                                                                                                                                           |
| 15.30 Precision and RCS off-5.te                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                |
| 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:                                                                                                                                                                                                                                                                                                                                                                                   |

|     | *                       |
|-----|-------------------------|
| (5) | RCS Environmental Group |

# ASBESTOS AIR MONITORING REPORT

| Date       | 8/25/2011 |  |
|------------|-----------|--|
| Client     |           |  |
| Project    |           |  |
| Project No |           |  |
| Analytical |           |  |

|              | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |                | DESCRIPTIVE INFO  | DRMATION Analytic                         | Analytical Method |            |  |  |  |
|--------------|----------------------------------------|----------------|-------------------|-------------------------------------------|-------------------|------------|--|--|--|
| SAMPLE I.D.  | SAMPLE<br>TYPE                         | WORKERS NAME   | SOCIAL SECURITY # | LOCATION                                  | ACTIVITY          | RESPIRATOR |  |  |  |
| 8252011- 09  | PRS                                    | Rodney Warrens | 2410              | office Building 200 Floor Sealing Windows | Prep              |            |  |  |  |
| 8252011 - 10 | EXC                                    | Rodney Warrens | 2410              | office Building 1st floor Sealing Windows | Prep              |            |  |  |  |
| 8252011- 11  | PRS                                    | Rodney Warrens | 2410              | Office Building 1stfloor Sealing Windows  | Prep              |            |  |  |  |
| 8252011- 12  | _FB                                    |                |                   | Field Blank                               |                   |            |  |  |  |
|              |                                        |                |                   |                                           |                   | ]          |  |  |  |
|              |                                        |                |                   | /                                         |                   |            |  |  |  |
|              |                                        | -              |                   |                                           |                   |            |  |  |  |
|              |                                        |                |                   |                                           |                   |            |  |  |  |
|              |                                        |                |                   |                                           |                   |            |  |  |  |
|              |                                        |                |                   |                                           |                   |            |  |  |  |
|              |                                        |                |                   |                                           |                   |            |  |  |  |
|              |                                        |                |                   |                                           | _                 | 1          |  |  |  |

# ANALYTICAL INFORMATION

| ANALI NAL INFORMATION |                                       |                               |     |              |                    |          |              |          |             |                     |                            |              |
|-----------------------|---------------------------------------|-------------------------------|-----|--------------|--------------------|----------|--------------|----------|-------------|---------------------|----------------------------|--------------|
| SAMPLE 1.D.           | PUMP #                                | MP " OALIB, FLOW RATE (L/min) |     | R            | RUNNING TIME (min) |          |              | FIBERS/  | FIBERS/     | LOG                 | FIBER/cm²                  |              |
|                       | 10.00                                 | BEGINNING                     | END | AVERAGE      | START              | STOP     | DURATION     | (Litera) | FIELDS      | Mm²<br>(Blank Corr) | FIBERS/<br>om <sup>3</sup> | (Blank Corr) |
| 8250011-09            | 701                                   | 2.0                           | 2.0 | 2.0          | 0724               | 1239     | 315          | 630      |             |                     |                            |              |
| 8252011-10            | Pol                                   | 2                             | 2,0 | 2.0          | 1239               | 1309     | 30           | 60       |             |                     | ,, <del></del> ,,,         |              |
| 8252011 - 11          | P01                                   | Z                             | 2.0 | 2.0          | 1309               | 1520     | 131          | 262      |             |                     |                            |              |
| 8252011 - 12          | NA                                    | NA                            | NА  |              | NΑ                 | NA       |              |          |             |                     |                            |              |
|                       | ··                                    |                               |     |              |                    |          |              |          |             |                     |                            |              |
|                       |                                       |                               |     |              |                    |          |              |          |             |                     |                            |              |
|                       |                                       | <del></del>                   |     |              |                    |          |              |          |             |                     |                            | <u> </u>     |
|                       | · · · · · · · · · · · · · · · · · · · | <del> </del>                  |     | <del> </del> |                    | <u> </u> |              |          |             |                     |                            |              |
|                       | ···                                   | -                             |     | ļ            |                    |          |              |          |             |                     |                            |              |
|                       | <del></del>                           | <del> </del>                  |     | ļ            |                    | <u> </u> | ļ            |          | <del></del> |                     |                            | <u> </u>     |
|                       |                                       | <del></del>                   |     |              |                    |          | <del>-</del> |          | <del></del> |                     |                            | <u> </u>     |
|                       |                                       | 1                             |     | , i          |                    | Į.       |              |          | l           |                     |                            | !            |

|                                                                       |                                                                                   | KEY TO ABBREVIATIONS                                        |                                                                    | Comments   |                |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------|--------------------------------------------------------------------|------------|----------------|
| SAMPLE                                                                | TYPE                                                                              | ACTIVITY                                                    | RESPIRATOR                                                         |            |                |
| PRS = personat<br>HEX = heps sykaust<br>FB = field blank<br>BG kgrour | FC = final cleanance<br>SXC = excursion<br>IWA = inside work erea<br>IWA = work a | REM = removal<br>CLN = clean-up<br>GLBG = plovebag<br>waste | HM = helf mask<br>SF = full face<br>P = powered<br>- air pur - sp. | Sampled by | Date 8/25/2011 |

| <b>(S)</b> | RCS Environmental Group |
|------------|-------------------------|
|            |                         |

# ASBESTOS AIR MONITORING REPORT

| Date _  | 8/25/2011 |
|---------|-----------|
| Cllent  |           |
| Project |           |
| Project | No        |
|         |           |

|              |                 |              | DESCRIPTIVE INFO  | PRMATION           | Analytical Method               |          |                    |  |
|--------------|-----------------|--------------|-------------------|--------------------|---------------------------------|----------|--------------------|--|
| SAMPLE I.D.  | SAMPLE<br>TYPE  | WORKERS NAME | SOCIAL SEGURITY # |                    | LOCATION                        | ACTIVITY | RESPIRATOR<br>TYPE |  |
| 082511 - 01A | BGD             |              |                   | Inside Building So | attender Center of standing 13a | di       |                    |  |
| 082511-02A   | 2G D            |              |                   | Westside + Propert | ty C Wests de Gate              |          |                    |  |
| 082511-03 A  | BCO             |              |                   | Southend of Proper | Ly Near Conter of South sid     | r        |                    |  |
| 082511-0414  | BGD             |              |                   | Eastside in the    |                                 |          |                    |  |
| 082511-054   | BCD             |              |                   |                    | of Near Center of Eastside      |          |                    |  |
| 082611-06A   | $\mathcal{BGD}$ |              |                   | Southside of De    |                                 |          |                    |  |
| 0 82511-07A  | BGD             | ,            |                   |                    | perty East of Office Buil       | day      |                    |  |
| 08251-08A    | FB              |              |                   |                    | Tield Blank                     |          |                    |  |
|              |                 |              |                   |                    |                                 |          |                    |  |

## **ANALYTICAL INFORMATION**

|             |         | CALIB, FLOW RATE (L/min) |     |         | 211   | INNING TIME                           |              |                    |                   | FIBERS/         | LOQ     | FIBER/om <sup>‡</sup> |
|-------------|---------|--------------------------|-----|---------|-------|---------------------------------------|--------------|--------------------|-------------------|-----------------|---------|-----------------------|
| SAMPLE I.D. | PUMP #  | BEGINNING                | END | AVERAGE | START | 8TOP                                  | DURATION     | VOLUME<br>(Liters) | FIBERS/<br>FIELDS | mm <sup>a</sup> | FIBERS/ | (Blank Corr)          |
| - (7)       | · · · · |                          |     | +       |       |                                       |              |                    | ļ                 | (Blank Cerr)    | om-     | <del> </del>          |
| 082511-019  | 49      | 2.0                      | 2.0 | 2.0     | 0817  | 1451                                  | 396          | 792                |                   |                 |         | <del></del>           |
| 082511-02A  | 20      | 2.0                      | 2.0 | 2.0     | 0820  | 1454                                  | 394          | 788                |                   |                 |         |                       |
| 082511-03A  | 54      | 2.0                      | 2.0 | 2.6     | 0824  | 14.58                                 | 392          | 784                |                   |                 |         |                       |
| 082511-04A  | 99      | 2.0                      | 2.0 | 2.0     | 0833  | 1459                                  | 386          | 772                |                   |                 |         |                       |
| 082311-05 A | 87      | 2.0                      | 2.0 | 2.0     | 0837  | 1503                                  | 386          | 772                |                   |                 |         |                       |
| 082511-06A  | 79      | 2.0                      | 2.0 | 2.0     | 0841  | 1505                                  | 384          | 768                |                   |                 |         | <b>\</b>              |
| 082511-07 A | P02     | 2.0                      | 2.0 | 2.0     | 0849  | 1509                                  | 380          | 760                |                   |                 |         |                       |
| 082511-084  | NΑ      | NA                       | ΝA  | NA      | NA    | NA                                    | NA           |                    |                   |                 |         |                       |
|             |         |                          | ·   |         |       | · · · · · · · · · · · · · · · · · · · | <del> </del> |                    | <u> </u>          |                 |         |                       |
|             |         |                          |     |         |       |                                       |              |                    |                   |                 |         |                       |
|             |         |                          |     |         |       |                                       |              |                    |                   |                 |         |                       |

|                                                              | <del></del>                                                                       | KEY TO ABBREVIATION                                   | s                                                         | Comments   |               |
|--------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------------|------------|---------------|
| SAMPLE                                                       | TYPE                                                                              | ACTIVITY                                              | RESPIRATOR                                                |            | 7             |
| PRS = personal HEX = heps exhaust FS = field blank B: okgrou | FC = final clearance<br>EXC = excursion<br>WA = inclide work area<br>OWA + : work | REM = removal CLN = dean-up GLSG = glovebag = weets t | HM = half mask FF = full face P = powered = sli pi = sap. | Sampled by | Date 8/25/201 |



8/25/2011

70° F Winds NW EMPH &
75° F Winds NW 12MPH S

Sealup office Building
2nd 1 st floor Windows
and Doors

Background Air Samples
75amples

Presonal 35amples



| DATE: 8/26/2011                     | _ |  |
|-------------------------------------|---|--|
| PROJECT:                            |   |  |
| FIELD REPORT No.:                   | 4 |  |
| PAGE                                |   |  |
| · · · · · · · · · · · · · · · · · · | 4 |  |

### **ASBESTOS DAILY FIELD REPORT**

| FIELD OBSERVATIONS:                                                                    |
|----------------------------------------------------------------------------------------|
| 6700 Cecil Brannon on-ste for RCS, Kenny Yates and Rodney Warrens on-site for          |
| Yres. Bion and Andrew Kiel on -5.1 e With Weston 5 of Utions, Warker (Kodney Warrens)  |
| is sealing Window with Poly + Tape on 13 floor south cost of Office Building. I Worker |
| Kenny Inted is work in Decon area un leading Suppys and set up the area.               |
| Temp: & 710F Winds North OMPH. Overlast cecil sat Background + Presonal Sumple         |
| 0900 Mike Samec of Gerchard EPA walk around with Kenny Vales of Precision              |
| 1000 Mike Same of Clev EfA off 5 ite No Problem Kenny Vates as book to stap Docon Area |
| Redney Warrens comfine scal window 1st floor East side of Office building              |
| MOD Lunch Temp 73°F Wind NE 7 mph.                                                     |
| 1230 Redney Warrens will be sealing Window 1st floor Southside of Officebuilly         |
| Kenny Yate Will first setup of Water truck watchwill be use for Keeping Bebiret        |
| 1300 Kenny Yate's in the Bo beat maying the word (Bd 18'-bg' 20') out of the way in    |
| Side the building after he made soorit was wet.                                        |
| 1880 Kenny Yute is done morny word water Track : sworking continue set Decon area      |
| Redner Warrens is scaling wendow in South sole of affice Building                      |
| Ccc. Brannon Res Collect Buckground samples.                                           |
| 1530 Presision Nestonsolutions 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                                                                             |
| ///                                                                                    |
| 14/                                                                                    |
| REPORTED BY:                                                                           |
| 7//                                                                                    |

| ,                       |
|-------------------------|
| RCS Environmental Group |

SAMPLE TYPE

EXC PRS PRS

PUMP #

POI

FC = final clagrance EXC = accuration "VA = in place work area WA = ; work an

SAMPLE I.D.

082611- 09 082611- 10 082611-11 082611-12

SAMPLE I.D.

08261-04

082611 - 10 082611 - 11 082411 - 12

SAMPLE TYPE

PRS = personal
HEX = heps exhaust
FB = finishink
BG = \_\_\_\_kgroun

| vironm                        | ental      | Ali                               |                       | BESTO                                        | S<br>REPORT                              |                       |                                        | Client<br>Project _7         | 8/26/              | 2011                                  |
|-------------------------------|------------|-----------------------------------|-----------------------|----------------------------------------------|------------------------------------------|-----------------------|----------------------------------------|------------------------------|--------------------|---------------------------------------|
|                               |            |                                   | DECODIBE              | WE INDO                                      | - MATION                                 |                       |                                        | Project No                   | o<br>Method        |                                       |
| T                             |            | <del></del>                       | DESCRIPT              | IVE INFO                                     | RMATION                                  |                       |                                        | Analytical                   |                    | 1                                     |
| WORKERS NAME                  |            | SOCIAL SECURITY #                 |                       | LOCATION                                     |                                          |                       |                                        | ACTIVITY                     | RESPIRATOR<br>TYPE |                                       |
| Rodney                        | Warren     |                                   | 2410                  |                                              | office Buil                              | dian 15+fla           | ou Scalingle                           | 100006                       | Prep               | <del></del>                           |
|                               | y Warren   | 5                                 | 2410                  |                                              | office Bai                               | 14:20 13+E            | Dor Sealing                            | Windows                      | Prep               |                                       |
|                               | y Warrer   |                                   | 2410                  |                                              | office Buil                              | 14.7 12 4             | sor Sealin                             | Windows                      | Prep               |                                       |
|                               |            |                                   |                       |                                              | Fiel                                     | d Blan                | <u> </u>                               |                              |                    | <u> </u>                              |
|                               |            |                                   |                       |                                              |                                          |                       |                                        | *                            |                    |                                       |
|                               |            |                                   |                       |                                              |                                          |                       |                                        |                              |                    |                                       |
|                               |            | <del></del>                       | <del></del> -         |                                              |                                          |                       | ······································ |                              |                    |                                       |
|                               | ·····      |                                   |                       |                                              |                                          |                       |                                        |                              |                    |                                       |
|                               |            |                                   |                       |                                              |                                          |                       |                                        |                              |                    |                                       |
|                               | FLOW RATE  | (L/min)                           | AU                    | NNING TIME                                   |                                          | VOLUME                | FIBERS/<br>FIELDS                      | FIBERS/<br>mm³               | LOQ<br>FIBERS/     | FISER/om <sup>4</sup>                 |
| EGINNING                      | END        | (L/min)<br>AVERAGE                | START                 | NNING TIME<br>8TOP                           | ! (min) DURATION                         | (Litere)              | FIBERS/<br>FIELDS                      |                              |                    | FIBER/am <sup>a</sup><br>(Blank Carr) |
| 2.0                           | 2.0        | (L/min)<br>AVERAGE<br>2. 0        | 8TART 0729            | NNING TIME<br>8TOP<br>6801                   | DURATION 32                              | (Litere)              | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0<br>2.0                    | 2.0<br>2.9 | (L/min)<br>AVERAGE                | START                 | 8TOP<br>6801<br>1205                         | I (min) DURATION 32 -35/184              | (Litere)<br>24<br>364 | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0                           | 2.0        | AVERAGE<br>2.0<br>2.0             | 8TART<br>0729<br>0801 | NNING TIME<br>8TOP<br>6801                   | DURATION 32                              | (Litere)              | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0<br>2.0                    | 2.0<br>2.9 | AVERAGE<br>2.0<br>2.0             | 8TART<br>0729<br>0801 | 8TOP<br>6801<br>1205                         | I (min) DURATION 32 -35/184              | (Litere)<br>24<br>364 | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0<br>2.0                    | 2.0<br>2.9 | AVERAGE<br>2.0<br>2.0             | 8TART<br>0729<br>0801 | 8TOP<br>6801<br>1205                         | I (min) DURATION 32 -35/184              | (Litere)<br>24<br>364 | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0<br>2.0                    | 2.0<br>2.9 | AVERAGE<br>2.0<br>2.0             | 8TART<br>0729<br>0801 | 8TOP<br>6801<br>1205                         | I (min) DURATION 32 -35/184              | (Litere)<br>24<br>364 | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0<br>2.0                    | 2.0<br>2.9 | AVERAGE<br>2.0<br>2.0             | 8TART<br>0729<br>0801 | 8TOP<br>6801<br>1205                         | I (min) DURATION 32 -35/184              | (Litere)<br>24<br>364 | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0<br>2.0                    | 2.0<br>2.9 | AVERAGE<br>2.0<br>2.0             | 8TART<br>0729<br>0801 | 8TOP<br>6801<br>1205                         | I (min) DURATION 32 -35/184              | (Litere)<br>24<br>364 | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0<br>2.0                    | 2.0<br>2.9 | AVERAGE<br>2.0<br>2.0             | 8TART<br>0729<br>0801 | 8TOP<br>6801<br>1205                         | I (min) DURATION 32 -35/184              | (Litere)<br>24<br>364 | FIBERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| 2.0<br>2.0                    | 2.0<br>2.9 | AVERAGE<br>2.0<br>2.0             | 8TART<br>0729<br>0801 | 8TOP<br>6801<br>1205                         | I (min) DURATION 32 -35/184              | (Litere)<br>24<br>364 | FISERS/<br>FIELDS                      | mm <sup>1</sup>              | FIBERS/            |                                       |
| RGINNING 2.0 2.0 2.0 KEY TO A | 2.0<br>2.9 | L/min)  AVERAGE  2. O  2. U  2. O | 8TART<br>0729<br>0801 | NNING TIME<br>\$TOP<br>0801<br>/2.05<br>/508 | I (min) DURATION 3 2 - John 1944 2 19508 | (Litera) 24 364 206   | FIBERS/<br>FIELDS                      | MM <sup>3</sup> (Blank Corr) | FIBERS/            |                                       |

| (CE) | RCS Environmental |
|------|-------------------|
| 9    | Group             |

| Date         | 8/26/2011 |  |
|--------------|-----------|--|
| Cilent       |           |  |
| Project      |           |  |
| Project No   |           |  |
| Analytical I | Vethod    |  |

|             |                |              | DESCRIPTIVE INFO  | PRMATION             | Analytical Method           |          |              |  |  |
|-------------|----------------|--------------|-------------------|----------------------|-----------------------------|----------|--------------|--|--|
| SAMPLE I.D. | SAMPLE<br>TYPE | WORKERS NAME | SOCIAL SECURITY # |                      | LOCATION                    | ACTIVITY | RESPIRATOR   |  |  |
| 82611- 018  | BGD            |              |                   | Inside Builling Sou  | ethend by Center of Standin | Bull     |              |  |  |
| 82611 - OZB | BGD            |              |                   | Westside of Property |                             |          |              |  |  |
| B2611 - 03B | BGD            |              |                   | South end of Proper  | ty New Center of South      |          |              |  |  |
| 82611 - 04B | BGD            |              |                   | Eastside in the S    |                             |          |              |  |  |
| 82611 - 05B | Bed            |              |                   |                      | - Ly Near Center of Easts   | sle      |              |  |  |
| 82611 - 06B | BCD            |              |                   | Southside of Dec     |                             |          |              |  |  |
| 82611- 073  | BGD            |              |                   | Northead of Prop     | erty East of Office Bui     | ien,     |              |  |  |
| 82C11 - 08B | FB             |              |                   |                      | Blank                       |          |              |  |  |
|             |                |              |                   |                      | <u></u>                     |          | <del> </del> |  |  |
|             |                |              | <del></del>       |                      |                             |          |              |  |  |
|             |                |              |                   |                      |                             | 1        | 1            |  |  |

| SAMPLE I.D. PL | PUMP#  | CALIB. FLOW RATE (L/min) |     | RUNNING TIME (min) |       |      | VOLUME   | FIBERS/  | FISERS/ | LOQ          | FIBER/cm <sup>8</sup> |              |
|----------------|--------|--------------------------|-----|--------------------|-------|------|----------|----------|---------|--------------|-----------------------|--------------|
|                | FUNIFE | BEGINNING                | END | AVERAGE            | START | STOP | DURATION | (Liters) | FIELDS  | (Blank Corr) | FIBERS/<br>cm³        | (Blank Corr) |
| 82611 - OIB    | 49     | 2.0                      |     |                    | 0730  | 1335 | 345      | 730      |         |              |                       |              |
| 82611 OBB      | 20     | 2.0                      |     |                    | 0732  | 1338 | 366      | 732      |         |              |                       | ]            |
| 082611-033     | 54     | 2.0                      |     |                    | 0735  | 1340 | 365      | 730      |         |              |                       |              |
| 082611- 04B    | 99     | 2.0                      |     |                    | 0237  | 1342 | 365      | 730      |         |              |                       |              |
| 082611- OSB    | 81     | 2.0                      |     |                    | 0740  | 1344 | 364      | 728      |         |              |                       |              |
| 082611- 063    | 79     | 2.0                      |     |                    | 0744  | 1345 | 361      | 722      |         |              |                       |              |
| 092611- 0713   | Poz    | 2.0                      |     |                    | 0747  | 1350 | 363      | 726      |         |              |                       |              |
| 082611- OSB    | NA     |                          | -   |                    |       |      |          |          |         |              |                       |              |
|                |        |                          | ·   |                    |       |      |          |          |         |              |                       |              |
|                |        |                          |     | ]                  |       |      |          |          |         |              |                       |              |
|                |        | <u></u>                  |     |                    |       |      |          |          |         | 1            |                       |              |

|                                                                       |                                                                                   | KEY TO ABBREVIATIONS                                            |                                                        | Comments        |
|-----------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------|-----------------|
| SAMPLE                                                                | TYPE                                                                              | ACTIVITY                                                        | RESPIRATOR                                             |                 |
| PRS w personal<br>HEX = haps exhaust<br>PB w field blank<br>BC skgrou | FC = final clearance<br>EXC = excursion<br>(WA = inside work erea<br>DWA = work ( | REM = removel<br>CLN = cleen-up<br>GLBG = glovebag<br>= wasts t | HM = half mask FF = full fans P = powered = strp. 93p. | Sampled by Date |



| DATE:_  | 8/29/20      | // |  |
|---------|--------------|----|--|
| PROJE   |              |    |  |
| FIELD I | REPORT No.:_ | 5  |  |
| PAGE    | 1            |    |  |

| FIELD OBSERVATIONS:  0700 Cecil Brannon on-site for RCS Kenny Vales of site with Precision with 3  Workers Rondow, Scott Cline (1722) Daniel Schillero (784) Andrew Kiel on sit for Westen Solution Temp 57 North winds Omph Precision Work Today Use Bodeat to more Debir into pll and Boda form for the convole Shoot the Foul Pecon. RCS Site Air & Presonal Samples.  One work is inside Bull on a bodeat suit Presonal Samples.  One work is inside Bull on one work werry Suit Logicus on Water hole to keep the Debir Wet Two keep Build Concern Commes for Truck Decong Ensisted on Decongree  1130 Presision Start Pouring Concern for The Truck Decong Suit up in the Northwestef The building I Worker using water tole towed Down the Jebir and I Worker o Bebeat morny Debir 1200 Inach Temp 72 Winds NW 7Mph.  1330 The Two Workers suitup Contino wetting and Morry debis into a pill.  1530 Westen Schution Precision and RCS SFG-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:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |

# JLLP-PRECISION000395

| ,                       |
|-------------------------|
| RCS Environmental Group |

# ASBESTOS AIR MONITORING REPORT

| Date       | 8/29/2011         |   |
|------------|-------------------|---|
| Client P   | ecision           | _ |
| Project _C | Vevelond Trenchev | _ |
| Project No |                   | _ |
| Analytical | Method            |   |

| DESCR | IDTIVE | INCOP | BAATI | ON |
|-------|--------|-------|-------|----|
| DESCH | IPIIVE | INPUR | WIAII | UN |

| SAMPLE I.D. | SAMPLE<br>TYPE | WORKERS NAME    | SOCIAL SEGURITY # | LOCATION                                         | ACTIVITY    | RESPIRATOR<br>TYPE                               |  |  |
|-------------|----------------|-----------------|-------------------|--------------------------------------------------|-------------|--------------------------------------------------|--|--|
| 082911- 07  | PRS            | Rondney Warrens | 2410              | Northwest running water Hose welling             | CTN         | нм                                               |  |  |
| 082911-08   | Exc            | Rondney Warrens | 2410              | Northwest runn, Water Hose W. Ai-1               | CLN         | HM                                               |  |  |
| 082411-09   | PRS            | Rondney Warrens | 2.411             | Northwes runny Water Hose Well:                  | CZW         | Hn                                               |  |  |
| 082911-10   | PRS            | Scott Cline     | 1272              | Northwest Building sunning Betweet moving Debois | CLN         | Ни                                               |  |  |
| 082911-11   | EXC            | S.HCline        | 1222              | Northwest of Builder, were Babant many Deb-      | LLN         | HM                                               |  |  |
| 082911-12   | 205            | Scott Cline     | 1222              | Aboth west of Build - cumo Policat Mora Debas    |             | HM                                               |  |  |
| 882911-13   | FB             | NA              | NA                | Field Blank                                      |             |                                                  |  |  |
|             |                |                 |                   |                                                  |             | <del>                                     </del> |  |  |
|             | <u> </u>       |                 |                   |                                                  |             |                                                  |  |  |
|             | 1              |                 | <u> </u>          |                                                  | <del></del> |                                                  |  |  |
|             | I              | 1               | 1                 |                                                  |             |                                                  |  |  |

### **ANALYTICAL INFORMATION**

| SAMPLE I.D. | DURAD A | PUMP # CALIB. FLOW RATE (L/min) |      | RUNNING TIME (min) |       |       | VOLUME   | FIBERS/  | FIBERS/ | LOQ<br>FIBERS/                    | FIBER/am <sup>3</sup> |              |
|-------------|---------|---------------------------------|------|--------------------|-------|-------|----------|----------|---------|-----------------------------------|-----------------------|--------------|
| ORWITE I.D. | LAME 4  | BEGINNING                       | END  | AVERAGE            | START | \$TOP | DURATION | (Liters) | FIELDS  | होता <sup>3</sup><br>(Blank Corr) | cm <sub>2</sub>       | (Blank Corr) |
| 082911-07   | Poi     | 2.0                             | 2.0  | 2.0                | 0735  | 1059  | 204      | 408      |         |                                   |                       |              |
| 082911-08   | PO1     | 2,0                             | 2.0  | 2.0                | 1059  | 1132  | 33       | 66       |         |                                   |                       |              |
| 082411-09   | 701     | 2.0                             | z. 0 | 2.0                | 1132  | 1510  | 220      | 440      |         |                                   |                       |              |
| 082411-10   | Po 2    | 2.0                             | 7.0  | 2.0                | 0732  | 1101  | 204      | 418      |         |                                   |                       |              |
| 082911-11   | P02     | 2.0                             | 2.0  | 2.0                | 1/0/  | 1132  | 3/       | 62       |         |                                   |                       |              |
| 082911-12   | RO2     | 2, 0                            | 2. V | Z. Ø               | 1132  | 1519  | 219      | 438      |         |                                   |                       |              |
| 082911-13   | NA      |                                 |      |                    |       |       |          |          |         |                                   |                       |              |
|             |         |                                 |      |                    |       |       |          |          |         |                                   |                       |              |
|             |         |                                 |      |                    |       |       |          |          |         |                                   |                       |              |
|             |         | 1                               |      | 1                  |       |       |          | ]        | }       | 1                                 | }                     |              |

# KEY TO ABBREVIATIONS SAMPLE TYPE ACTIVITY HESPIRATOR PRS - personal FC - final clearance REM - remove) HM = helf meak

PRS = personal FC = final clearance REM = removel HM = half mask
HEX = haps exhaust EXC = scourator CUN = clean-up FF = full face Si
FB = filled leank INV = halde work area GLRGI = glovebag P = powered

9GD = background OWA = cutside work area WLO = waste load-out APR = air purifying resp.

note

| Ć | • |   |
|---|---|---|
| ř |   |   |
| ľ | - |   |
| - | Т | 1 |
|   | ì | • |
| - | ÷ |   |
|   | ļ | J |
| , | Į | J |
| ľ | T | 1 |
| ( | _ | ) |
| - | _ | Ĭ |
| ( | 7 | ) |
| - | = |   |
| ĺ | _ | ١ |
| - | Ξ | , |
| • | _ |   |
| ¢ | Ξ | ) |
| ¢ | Ξ | ) |
| ¢ | Ξ | ) |
| ¢ | J | ١ |
| ¢ | 2 | ) |
| ı | 7 | ١ |

| *                       |
|-------------------------|
| RCS Environmental Group |

| Date      | 8/29/11            |
|-----------|--------------------|
| Client _  | Precision          |
| Project   | Cleveland Trencher |
| Project : |                    |
| Analytic  | il Method          |

|             |                     |              | DESCRIPTIVE INFO  | PRMATION And                              | Analytical Method |                                                  |  |
|-------------|---------------------|--------------|-------------------|-------------------------------------------|-------------------|--------------------------------------------------|--|
| SAMPLE I.D. | SAMPLE<br>TYPE      | WORKERS NAME | SOCIAL SECURITY # | LOCATION                                  | ACTIVITY          | RESPIRATOR<br>TYPE                               |  |
| 082911 - 01 | OWN PER             |              |                   | Westside South passed end of Buildin      | CIN               | H_M                                              |  |
| 084911- 02  | OWAPER              |              |                   | Westside @ West Gate                      | CLN               | 14111                                            |  |
| 082911- 03  | GWA PER             |              |                   | South and of Proporty Near Center of Sout | ( CLN             | HM_                                              |  |
| 082911 - 04 | OWAPER              |              |                   | Easteide of Proporty Near Center          | CLU               | HM                                               |  |
| 092911- 05  | <del>OW A</del> PER |              |                   | Southside of Deepn Aven                   | CLN               | HM                                               |  |
| 082911-06   | FB                  |              |                   | Field Blank                               |                   |                                                  |  |
|             |                     |              |                   |                                           |                   |                                                  |  |
|             |                     |              |                   |                                           |                   | <del> </del>                                     |  |
|             |                     | ·            |                   | <u> </u>                                  |                   | .                                                |  |
| <del></del> |                     |              |                   |                                           |                   | <del> </del>                                     |  |
|             | <del></del>         |              |                   | <u> </u>                                  |                   | <del>                                     </del> |  |
|             |                     |              |                   |                                           |                   | 1                                                |  |

| OARSON EIN  | PUMP#        | CALIB, FLOW RATE (L/min)                         |                                       | RUNNING TIME (min) |       |      | VOLUME       | FIBERS/  | FIBERS/                               | LOQ                             | FIBER/om <sup>4</sup> |              |
|-------------|--------------|--------------------------------------------------|---------------------------------------|--------------------|-------|------|--------------|----------|---------------------------------------|---------------------------------|-----------------------|--------------|
| SAMPLE I.D. | PUMP #       | BEGINNING                                        | END                                   | AVERAGE            | START | STOP | DURATION     | (Litere) | FIELDS                                | mm <sup>a</sup><br>(Blank Corr) | FIBERS/<br>cm²        | (Blank Corr) |
| 0829/1- 01  |              | 3.0                                              | 3.0                                   | 3.0                | 0741  | 1453 | 432          | 1294     |                                       |                                 |                       | I            |
| 082911- 02  |              | 3.0                                              | 3.0                                   | 3.0                | 0743  | 1454 | 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                | 0135  | 1450 | 435          | 1305     |                                       |                                 |                       |              |
| 082911-06   |              | NA                                               | MA                                    | ΝA                 | NA    | NA   | NA           | A A      |                                       |                                 | -                     |              |
|             |              |                                                  |                                       |                    |       |      |              |          |                                       |                                 |                       |              |
|             |              | [                                                | · · · · · · · · · · · · · · · · · · · |                    |       |      |              |          |                                       |                                 |                       |              |
|             | <del> </del> |                                                  | <del></del>                           |                    |       |      | <del> </del> |          | · · · · · · · · · · · · · · · · · · · |                                 |                       | <del></del>  |
|             | <u> </u>     | <del>                                     </del> |                                       |                    |       |      | <del> </del> |          |                                       |                                 |                       |              |

|                    |                                                                   |          |                                                 |    |                                                                |     | <u> </u> |          |             |         |      |         |  |
|--------------------|-------------------------------------------------------------------|----------|-------------------------------------------------|----|----------------------------------------------------------------|-----|----------|----------|-------------|---------|------|---------|--|
| PER=Perime         | er                                                                | KEY TO A | BBREVIATIO                                      | NS |                                                                |     | Commen   | s Movem  | Debni mirda | Buolday |      |         |  |
| SAMPLE 1           | TYPE                                                              |          | CTIVITY                                         |    | RESPIRAT                                                       | TOR |          |          |             |         |      |         |  |
| HEX - heps exhaust | FC = finel clearance<br>EXC = excursion<br>IWA = inside work area | ı G      | EM = removal<br>LN = clean-up<br>LBG = glovebag |    | HM = half ma<br>PF = full face<br>P = powered<br>APR = air out | ,   | Sampled  | by Caf G | <i>y</i>    |         | Date | 8/29/11 |  |



\$ /24/11
57-72 Way NOI-NW mph
2 Worker Stup Truck Decen
2 worker inside NW Marry Debty
5 area Samples
6 Presonal Samples



| DATE:     | 8/31/  | 11 |   |
|-----------|--------|----|---|
| PROJECT   |        |    | - |
| FIELD REP | ORT No | 7  |   |
| PAGE      |        |    |   |

| FIELD OBSERVATIONS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0700 Cec. 1 Brannon on-site for RCS Kenny Yate for Precision With 4 Workers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Work to first Consolidate debis pills and first sealing Window of Office Building Andrew Kielon-site with Westen Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Andrew Kiel on-site with Weston Solutions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Тетр                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Ceil Branzen set Praggal + Parimeters Air Samples Two Workers inside Building                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| (Non Bob cat moving debris Unborker Keeping it wet (2) Workers Working on Truck Decon                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| (1) Worker Sealing window of Office Building                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 0910 Chris Karas on-site for Enviro Serve to lock @ and invotory Drums ect.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Cecil Branco Cairbrate the Mini Rae 2000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Chris Karas of Enviro Serve 4 Cecil Branon Survey and use the Mimi Rac                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| to test Drums (NArea & Draws in the Breather, Zone and & open of the Drums                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| The Reading was 0.00ppm.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| In Aren(2) There is 110 Drams 27 Drums Had Readings at the opening                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| for other than the state of the |
| from 0.00ppm - 100.00ppm The Breath of 20NE Reddy was 0.00ppm to 0.000ppm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 1230 Precision Stop Cor Lunch 1230 Precision is Ksi-i Bobcat to move Debrituto Pills The Cleveland EPA on-site                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 1415 Enviro Serve OSF-S.te                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1500 Ceril Branen Collect Samples Precision Cleanup for end of Shaft.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 1580 Precision, Weston Solutions and RES offsite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| INFORMATION OR ACTION REQUIRED BY CONTRACTOR:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| INFORMATION OR ACTION REQUIRED BY RCS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| INFORMATION OR ACTION REQUIRED BY THE OWNER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| DISTRIBUTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <u></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| OWNER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| OWNER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| CONTRACTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RCS OFFICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| FIELD OFFICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| LABORATORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| (4.//3//                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| REPORTED BY.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

| (E) | RCS Environmental |
|-----|-------------------|
|     | Group             |

| Date              | 8/31/2011          |  |  |  |  |  |  |
|-------------------|--------------------|--|--|--|--|--|--|
|                   | Precision          |  |  |  |  |  |  |
| Project .         | Cleveland Trencher |  |  |  |  |  |  |
| Project I         | No                 |  |  |  |  |  |  |
| Analytical Method |                    |  |  |  |  |  |  |
|                   | DECRIPATOR         |  |  |  |  |  |  |

|                                         |              |                   | DESCRIPTIVE INFO                                 | Analytical Method             |                    |          |
|-----------------------------------------|--------------|-------------------|--------------------------------------------------|-------------------------------|--------------------|----------|
| SAMPLE I.D. SAMPLE TYPE                 | WORKERS NAME | SOCIAL SECURITY # | LOCATION                                         | ACTIVITY                      | RESPIRATOR<br>TYPE |          |
| 083111 - 01                             | Perimeters   |                   | <del>                                     </del> | Westside Soutwest @ West Cate | CLN                | НН       |
|                                         | Perimeter    |                   |                                                  | Southend Center of South      | CLN                | HM       |
| 083111- 03                              |              |                   |                                                  | Eastside Center               | CLN                | HM       |
| 083111- 04                              |              |                   |                                                  | Northside of Decon Area       | CLN                | HM       |
| 08311- 05                               |              |                   |                                                  | Field Blank                   |                    |          |
|                                         |              |                   |                                                  |                               |                    | <u> </u> |
| *************************************** |              |                   |                                                  |                               |                    |          |
|                                         |              |                   |                                                  |                               |                    |          |
|                                         |              |                   |                                                  | <u> </u>                      |                    |          |
|                                         |              |                   |                                                  | <u> </u>                      |                    |          |
|                                         |              |                   |                                                  |                               |                    | ,        |
|                                         |              | ·· <del> </del>   | I                                                |                               |                    | <u> </u> |

**ANALYTICAL INFORMATION** PIBERS/ Mm<sup>2</sup> (Blank Com) LOQ PIBERS/ om<sup>3</sup> RUNNING TIME (min) CALIB, FLOW RATE (L/min) VOLUME (Liters) PIBERS/ FIELDS FIBER/cm\* SAMPLE I.D. PUMP# (Blank Corr) BEGINNING AVERAGE STOP DURATION END START 49 3.0 3.0 3.0 1456 455 1363 083111 - 01 0721 3.0 1344 448 99 1453 08311 02 3.0 0725 30 87 093117- 03 3.0 3.0 1449 439 1317 0730 3.0 083111- 04 RCS-03 40 4.0 4.0 0859 1502 363 1452 NA NΑ 08311-05 NA NA ΝA

|                                                                     |                                                    | KEY TO ABBREVIATIONS                              |                                                                 | Comments Marry Debris South | met outside    |
|---------------------------------------------------------------------|----------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------|-----------------------------|----------------|
| SAMPLE                                                              | TYPE                                               | ACTIVITY                                          | RESPIRATOR                                                      |                             |                |
| PRS = personal<br>HEX = heps exhaust<br>FB Xank<br>BGU = usukgrounu | FC = final clearance<br>EXC = excursion<br>VA = in | REM = removal CLN = clean-up Cl PG = glove* weste | HM = helf mesk<br>PF = full face<br>P = cowered<br>= at p: esp. | Sampled by Cy The           | Date 8/81/2011 |

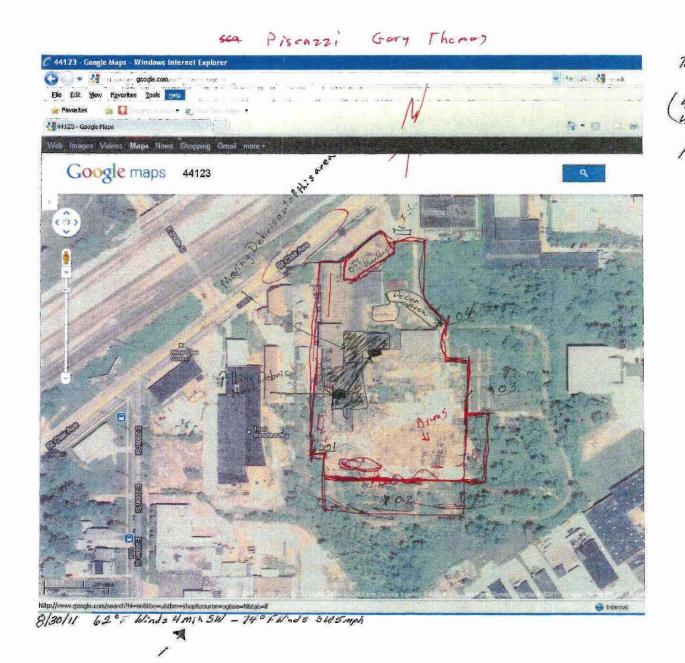
| (\$) | RCS Environmental Group |
|------|-------------------------|
|      |                         |

| Date _  | 8/31/2011          |
|---------|--------------------|
| Client  | Treaision          |
| Project | Cleveland Treacher |
| Project | No.                |

|             |                | ·                | DESCRIPTIVE INFO  | ORMATION                 | Analytica           | l Method |                    |
|-------------|----------------|------------------|-------------------|--------------------------|---------------------|----------|--------------------|
| SAMPLE I.D. | SAMPLE<br>TYPE | WORKERS NAME     | SOCIAL SECURITY # | LO                       | CATION              | ACTIVITY | RESPIRATOR<br>TYPE |
| 083111- 06  | EXC            | Daniel Schillero | 7861              | South center Boheat      | movina Debri        | CLN      | HM                 |
| 083111- 07  | PRS            | Daniel Schillero | 7841              | South Center 1 South Cen | terpodeide Bobcat   | CLN      | HM                 |
| 083111- 08  | EXC            | Snott Cline      | 1222              | South center thing       | Water Hose          | CLN      | HM                 |
| 083111-09   | PRS            | Scott Cline      | 1222              | South Center Building    | South Centerpattide | CLN      | HM                 |
| 08311-10    | FB             | NΑ               | NA                | Field Blan               | k                   |          |                    |
|             |                |                  |                   |                          |                     |          |                    |
|             | <del></del> _  |                  |                   |                          |                     |          |                    |
|             |                |                  |                   |                          |                     |          |                    |
|             |                |                  |                   |                          |                     |          |                    |

|              | ANALYTICAL INFORMATION |                          |     |                    |       |       |          |          |         |                     |                       |              |
|--------------|------------------------|--------------------------|-----|--------------------|-------|-------|----------|----------|---------|---------------------|-----------------------|--------------|
| SAMPLE I.D.  | PUMP #                 | CALIB. FLOW RATE (L/min) |     | RUNNING TIME (min) |       |       | VOLUME   | FIBERS/  | FIBERS/ | LOQ<br>FIBERS/      | FiBER/om <sup>a</sup> |              |
| SARIFLE I.D. | PUMIT #                | BEGINNING                | END | AVERAGE            | START | STOP  | DURATION | (Litera) | FIELDS  | mm³<br>(Blank Corr) | cm <sub>2</sub>       | (Blank Corr) |
| 083111-06    | POI                    | 2.0                      | Z-O | 2.0                | 0712  | -0744 | 32       | 64       |         |                     |                       |              |
| 083111-07    | . POI                  | 2.0                      | 2.0 | Z. 0               | 0744  | 15/0  | 446      | 892      |         |                     |                       |              |
| 083111-08    | P02                    | 2.0                      | 2.0 | 2.0                | 07/1  | 6743  | 34       | 64       |         |                     |                       |              |
| 083111-09    | P02                    | 2.0                      | 2.0 | 2.0                | 0743  | 1510  | 447      | 894      |         |                     |                       |              |
| 083111-10    | WA                     | NA                       | MA  |                    |       |       |          |          |         |                     |                       |              |
|              |                        |                          |     | <u> </u>           |       |       |          | <u> </u> | <u></u> |                     |                       | <u> </u>     |
|              |                        |                          |     |                    |       |       |          |          | L       |                     | <u> </u>              | <u> </u>     |
|              |                        |                          |     | Ι.                 |       |       |          |          |         | }                   |                       | T            |
|              |                        |                          |     | Ţ                  |       |       |          |          |         |                     |                       | Ţ            |
|              |                        |                          |     |                    |       |       |          |          |         |                     |                       |              |
|              |                        |                          |     |                    |       |       |          |          |         |                     |                       |              |

|                                                               | KEY TO ABBREVIATIONS                                   |                                                         | Comments Main; Ochris into fills South castoatside | _        |
|---------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|----------|
| SAMPLE TYPE                                                   | ACTIVITY                                               | RESPIRATOR                                              |                                                    |          |
| PRS = personal FC = final clearance HEX = hapa exhaust FE """ | REM = removel CLN = clean-up Ct = C = glovehec wasta ; | HM = half mask FF = full face P = powered = skr p: eap. | Sampled by Date Date                               | <u>"</u> |





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

| FIELD OBSERVATIONS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0700 Cecil Brannon on-site for RCS Kenny Vate on-site for Precision with 3 Workers                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Workisto Consol: date debeis into fils and Weston Solution on-site.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Tema 62°F Winde 5W 4MPH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 0880 Cecil Brancon Sita Air Samples and Presonal Alberte whereing trank sults + Hala And                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Repators I Worke use and those from water truck to att 1 Worker use Bodcate To move debris in to fills workisin Building South west                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| To move debris in to fills workisin Building Southwest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 1200 _ Lune L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 1200 Worker suit up enter work area to consolicate debir Into pills                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Iworker wothing Aeb- 5 2 use Booket to move debis into pills                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 1500 Cecil Brannon Called Air Samples                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1530 Precision Weston Solution and RCS off-5.te                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Temp 74 F Winds SN Smph.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| WEARING TO LOT THE TOTAL TO THE TOTAL TOTAL TO THE TOTAL |
| INFORMATION OR ACTION REQUIRED BY CONTRACTOR:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| INFORMATION OF ACTION DECLINED BY DOC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| INFORMATION OR ACTION REQUIRED BY RCS:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| INFORMATION OF ACTION REQUIRED BY THE OWNER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| INFORMATION OR ACTION REQUIRED BY THE OWNER:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| DISTRIBUTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <u>DISTRIBUTION</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| OWNER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| OWNER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| CONTRACTOR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| RCS OFFICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| FIELD OFFICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| LABORATORY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| REPORTED BY: COU                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

| •                       |
|-------------------------|
| RCS Environmental Group |

| Date _  | 8/30/11            |
|---------|--------------------|
| Client  |                    |
| Project | Cleveland Trencher |
| Project |                    |
| A       |                    |

|             |                |                  | DESCRIPTIVE INFO  | ORMATION Analyti                           | cal Method |                    |
|-------------|----------------|------------------|-------------------|--------------------------------------------|------------|--------------------|
| Sample I.D. | SAMPLE<br>TYPE | WORKERS NAME     | SOCIAL SECURITY # | LOCATION                                   | ACTIVITY   | RESPIRATOR<br>TYPE |
| 083011 - 06 | PRS            | Daniel Schillers | 7861              | South west of Building Horny Bloke able as | CIN        | HM                 |
| 083011 - 07 | EXC            | Duniel Schillero | 7861              | Southwestor Build Using Bobcate Movedeb    | W CLN      | HM                 |
| 083011 - 08 | PR5            | Rodder Warrends  | 2410              | Southwest of Buildusing Water Hose         | CLN        | HM                 |
| 083011 09   | EXC            | Rodney Warrens   | 2410              | Southwest of Buildus: 1 Whi Hose           | CLN        | HM                 |
| 083011- 10  | FB.            | Field Blank      |                   | Field Blank                                |            |                    |
|             |                | -                |                   |                                            |            |                    |
|             |                |                  |                   |                                            |            |                    |
|             |                | <u> </u>         |                   |                                            |            |                    |
|             |                |                  |                   |                                            |            |                    |
| {           |                | 1                |                   |                                            |            | 1                  |

|                  |         |           |                          |              | 14461 1161 |                    | 11411-11-1-4 |          |         |              |                |              |
|------------------|---------|-----------|--------------------------|--------------|------------|--------------------|--------------|----------|---------|--------------|----------------|--------------|
| SAMPLE I.D.      | PUMP #  | CALIB.    | CALIB, FLOW RATE (L/min) |              | RU         | RUNNING TIME (min) |              |          | FIBERS/ | FIBERS/      | LOQ<br>FIBERS/ | FIBER/om     |
| SAMPLE I.D. PUR! | rum;r # | BEGINNING | KND                      | AVERAGE      | START      | STOP               | DURATION     | (Liters) | FIELD8  | (Elenk Corr) | cm3            | (Blank Corr) |
| 083011-06        | POZ     | 2.0       | 2.0                      | 2.0          | 0729       | 1432               | 423          | 846      |         |              |                |              |
| 083011-07        | . POZ   | 2.0       | 2.0                      | 2.0          | 1432       | 1509               | 34           | 72       |         |              |                |              |
| 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        | ΝA      | NA        | nΑ                       | n/A          | NA         | NA                 |              |          |         |              |                |              |
|                  |         |           |                          |              |            |                    |              |          |         |              |                |              |
|                  |         |           | ·- ·- · · · ·            | <del> </del> |            |                    | <del> </del> |          |         |              |                | <del> </del> |
|                  |         |           |                          |              |            |                    |              |          |         |              |                |              |
|                  |         |           |                          |              |            |                    |              | -        |         |              |                |              |

|                                      |                                         | KEY TO ABBREVIATIONS | ·                            | Comments                      |
|--------------------------------------|-----------------------------------------|----------------------|------------------------------|-------------------------------|
| SAMPLE                               | TYPE                                    | ACTIVITY             | RESPIRATOR                   |                               |
| PRS = personal<br>HEX = heps sxhaust | FC = finel clearance<br>EXC = exoursion | REM = ramoval        | - - -                        | Sampled by 1/1/1 Date 8/30/11 |
| FBkgrour                             | JWA = Instrument and<br>JWA = L Nork &  |                      | P = powered<br>= air p: aup. | ···· want t                   |

| RCS Environmental Group |
|-------------------------|
|                         |

| Date       |              | וואס     |
|------------|--------------|----------|
| Client _   | Precision    |          |
| Project    | Cleveland    | Trencher |
| Project    |              |          |
| ماشا أسساه | لدسطندة الأد | -        |

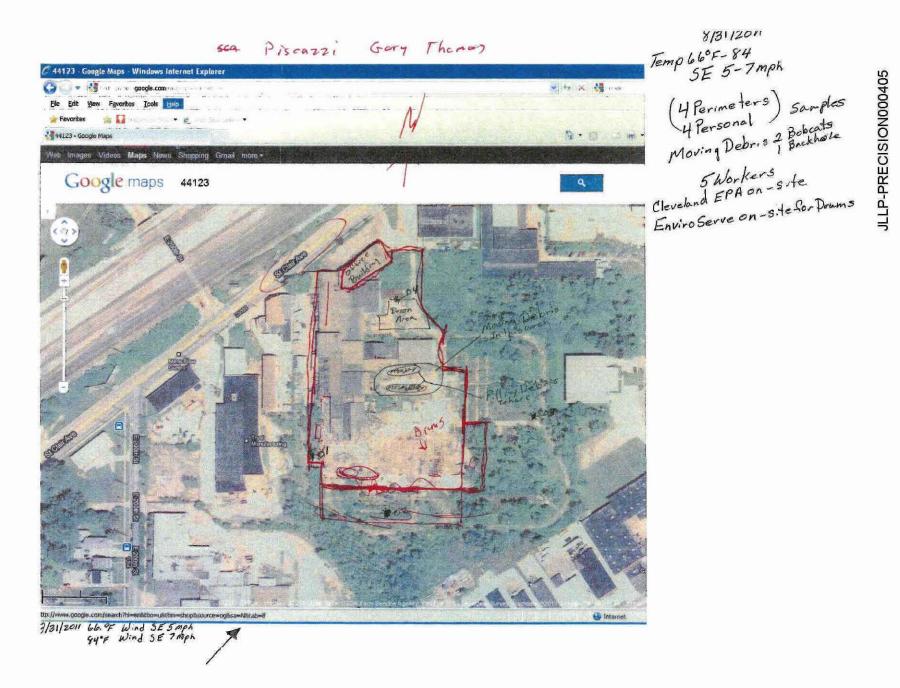
| DESCRIPT | IVE II | <b>JEORI</b> | MOTTAN |
|----------|--------|--------------|--------|
|          |        |              |        |

| SAMPLE<br>TYPE | WORKERS NAME                                      | SOCIAL SECURITY #                                 | LOCATION                                                                                      | ACTIVITY                                                                                                                                                                            | RESPIRATOR<br>TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|----------------|---------------------------------------------------|---------------------------------------------------|-----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| Perimeter      |                                                   |                                                   | Westside @ West Gate                                                                          | CLN                                                                                                                                                                                 | HM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| Perimeter      |                                                   |                                                   | Southside New Center                                                                          | CLN                                                                                                                                                                                 | HM.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |
| 3 Perimeter    |                                                   |                                                   | Eastside Near Ceaser                                                                          | CLN                                                                                                                                                                                 | HM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                |                                                   |                                                   | Southeast of Decon Area                                                                       | CIN CONT                                                                                                                                                                            | HM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |
|                |                                                   |                                                   | Field Blank                                                                                   |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                   |                                                   |                                                                                               |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                   |                                                   |                                                                                               |                                                                                                                                                                                     | -                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                |                                                   | ¢.                                                |                                                                                               |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                   |                                                   |                                                                                               |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                | :                                                 |                                                   |                                                                                               |                                                                                                                                                                                     | 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |
|                |                                                   |                                                   |                                                                                               |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                |                                                   |                                                   |                                                                                               |                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |
|                | Perimeter Revineter Revineter Revineter Revineter | Perimeter Recimeter Recimeter Recimeter Recimeter | SAMPLE TYPE WORKERS NAME SOCIAL SECURITY #  Perimeter Revineter Revineter Resimeter Resimeter | SAMPLE TYPE WORKERS NAME SOCIAL SECURITY # LOCATION  Perimeter Usest Side @ West Gate Scrimeter Scrimeter  Resimeter East side Near Center Resimeter Scrimeter  Resimeter Scrimeter | Perimeter  Restricter  Restric |  |

|                 | ARAEL HOAD IN ORMANION |                          |     |         |             |       |          |           |         |                     |                            |              |
|-----------------|------------------------|--------------------------|-----|---------|-------------|-------|----------|-----------|---------|---------------------|----------------------------|--------------|
| SAMPLE LD. PUMP | D: IAID #              | CALIB. FLOW RATE (L/min) |     | P.C     | unning time | (min) | VOLUME   | FIBERS/   | f!BERS/ | LOO                 | FIBER/cm²                  |              |
|                 | FURIF #                | BEGINNING                | END | AVERAGE | START       | STOP  | DURATION | (Liters)  | FIELD8  | mm²<br>(Biank Corr) | FIBERS/<br>om <sup>3</sup> | (Blenk Gorr) |
| 683011 - 01     | 49                     | 3.0                      | 3.0 | 3.0     | 0742        | 1457  | 435      | 1305 1905 |         |                     |                            |              |
| 083011- 02      | 99                     | 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                     | PV EL                    | NA  | NA      | NA          | μA    |          |           |         |                     |                            |              |
|                 |                        |                          |     |         |             |       |          |           |         |                     |                            |              |
|                 |                        |                          |     |         |             |       |          |           |         |                     |                            |              |
|                 |                        |                          |     |         |             |       |          |           |         |                     |                            |              |
|                 |                        |                          |     |         |             |       |          |           |         |                     |                            |              |
|                 |                        |                          |     |         |             |       |          |           |         |                     |                            |              |
|                 |                        |                          |     |         |             |       |          |           |         |                     |                            |              |
|                 |                        |                          |     |         |             |       |          |           |         |                     |                            |              |
|                 | <del></del>            |                          |     |         |             |       |          |           |         |                     |                            |              |

|                                                          | KE                                                          | Y TO ABBREVIATIONS                                 | Comments                                       |                   |              |
|----------------------------------------------------------|-------------------------------------------------------------|----------------------------------------------------|------------------------------------------------|-------------------|--------------|
| SAMPLE                                                   | TYPE                                                        | ACTIVITY                                           | RESPIRATOR                                     |                   |              |
| PRS = personal<br>HEX = heps exhaust<br>FS = field blank | FC = final plearance EXC = excursion IWA = inside work area | RÉM = removai<br>CLN ≠ olean-up<br>GLBG = glovebag | HM = haf mask<br>FP = full face<br>P = powered | Sampled by Centre | Date 8/30/11 |
| EGD = background                                         | OWA = outside work area                                     | WLO = waste toad-out<br>PREP = site prep           | APR = air purifylng resp.<br>SA = aupplied ak  | Analyzad by       | Oate         |

8/31/2011



EAB CERCLA 106(b) 12-01 001641



| DATE:       | 9/1/     | 2011   |          |
|-------------|----------|--------|----------|
| PROJECT: 🖣  | Che      | reland | Trencher |
| FIELD REPOR | RT No.:_ | 4      |          |
| PAGE        |          |        |          |

| FIELD OBSERVATIONS:                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 0700 Coul Brann in on-site for RCS Kenny Vates with Precision with 4 Workers Worker be I worker finsh Polying this window of Office Building 2 Worker on Bobcat I Worker on Backhole maying debrished like in the southend of the Site on the slab. I Worker is using a water hose from a water truck to keep debris wet Weston Solution is on s   |
| Temp 71°F Rian Wind SWE 7mph.  0400 Ceal Brannon Set Air Samples  1100 Al Richerson of ODH on site medis with Kenny Vates go over Paperwork then Wall  The site with Precision RCs talk about the pased of thesite from  1280 Precision Stop for Lunch                                                                                             |
| 1380 Precision 4 Worker Suitup I Worker on waterhose 2 Worker on Babats moving debris into fills in the southend on the slab. I Worker Working on Truck Decen 1330 Alkickerson of ODH OFF-5-le found no Problem at this time but have Questioned an the dobring the southend Passed the problem devorkaren. 1430 Cacil Branner Collect Air Samples |
| 1500 Work Shower out put away egapment. 1500 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 CONTRACTOR RCS OFFICE FIELD OFFICE LABORATORY REPORTED BY:                                                                                                                                                                                                                                                                                   |

JLLP-PRECISION000406

| (E) | RCS Environmental |
|-----|-------------------|
|     | Group             |

| Date _  | 9/1/2011           |
|---------|--------------------|
| Client  | Precision          |
| Project | Cleveland Trancher |
| Prolect |                    |

|             |                | DESCRIPTIVE INFO | PRMATION          | Analytica         | Analytical Method           |          |                    |  |  |
|-------------|----------------|------------------|-------------------|-------------------|-----------------------------|----------|--------------------|--|--|
| SAMPLE I.D. | SAMPLE<br>TYPE | WORKERS NAME     | SOCIAL SECURITY # |                   | LOCATION                    | ACTIVITY | RESPIRATOR<br>TYPE |  |  |
| 090111 - 06 | PR5            | Scott Cline      | 1222              | Southerd of Slab  | on Bobcat moving debris     | CLN      | HM                 |  |  |
| 09011- 07   | ΈΧC            | Scottline        | 1222              |                   | on Bobout Moving debris     | CLN      | HM                 |  |  |
| 090111 - 08 | PR5            | Daniel Schillero | 7861              | Southend of State | Winz Water Hose Wellia debi | CLN      | HM                 |  |  |
| 090111 - 09 | EXC            | Paniel Schillero | 7861              |                   | war Water Hose Wicheld-hos  |          | HM                 |  |  |
| 090111-10   | FB             | NA               | NA                | Fie               | ld Blank                    |          |                    |  |  |
|             |                |                  |                   |                   |                             |          | <del> </del>       |  |  |
|             | <del></del>    |                  |                   |                   |                             |          |                    |  |  |
|             |                |                  |                   |                   |                             |          | ·                  |  |  |
|             |                |                  |                   |                   |                             |          | •                  |  |  |
|             |                | 1                |                   |                   |                             |          |                    |  |  |

| ARACI HOAL INFORMATION |              |                          |             |                    |       |      |          |               |         |              |              |              |
|------------------------|--------------|--------------------------|-------------|--------------------|-------|------|----------|---------------|---------|--------------|--------------|--------------|
| SAMPLE I.D. PUMI       | DI BAD #     | CALIB. FLOW RATE (L/min) |             | RUNNING TIME (min) |       |      | VOLUME   | FIBERS/       | FIBERS/ | LOQ          | FIBER/om     |              |
|                        | COMP #       | BEGINNING                | END         | AVERAGE            | START | STOP | DURATION | (Liters)      | FIELDS  | (Blank Corr) | FIBERS/      | (Blank Com)  |
| 090111-06              | POI          | 2.0                      | 2.0         | 2.0                | 0738  | 1431 | 413      | 826           |         |              |              |              |
| 09011-07               | . <u>Poi</u> | 2.0                      | 2.0         | 2.0                | 1431  | 1508 | .37      | 74            |         |              |              | <u> </u>     |
| 090111 - 08            | Po2          | 2.0                      | 2.0         | 2.0                | 0740  | 1435 | 415      | 830           |         |              |              |              |
| 09011 - 09             | POZ          | 2.0                      | 20          | 2.0                | 1435  | 1506 | 31       | 62            |         |              |              |              |
| 09011-10               | NA           | NA                       | NΑ          | NA                 | NA    | NA   | NA       | NA            |         |              |              |              |
|                        |              | :                        |             |                    |       |      |          |               |         |              |              |              |
|                        |              | <del> </del>             | <del></del> |                    | ļ     |      |          | <del>,,</del> |         |              | <del> </del> | <del> </del> |
|                        |              |                          |             |                    |       |      |          |               |         |              |              |              |
| · ·                    |              |                          |             |                    | [     |      | 1        |               |         |              |              |              |

|                                                         |                                                                    |                                                    |                                                 | <del></del>           |                                |
|---------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------|-----------------------|--------------------------------|
| ·                                                       |                                                                    | KEY TO ABBREVIATIONS                               |                                                 | Comments Moving Debri | is into Pills Southern of Slap |
| SAMPLE TYPE                                             |                                                                    | ACTIVITY                                           | RESPIRATOR                                      |                       |                                |
| PRS = personal<br>HEX = heps exhaust<br>FF - Astr blank | FC = final disarrance<br>EXC = excursion<br>FWA = inside work area | REM = removel<br>CLN = slean-up<br>GLBG = glovebag | HM = helf mask<br>FF = full face<br>P = powered | Sampled by Cel If     | Date 9/1/2011                  |

|     | ,                       |
|-----|-------------------------|
| (5) | RCS Environmental Group |

| Date _  | 9/1/8011           |
|---------|--------------------|
| Client  | recision           |
| Project | Cleveland Trencher |
| Project | No                 |

| <del></del>    |              | DESCRIPTIVE INFO                        | PRMATION                                                                    | Analytical Method                                                                      |                                                                                                                                                                            |  |
|----------------|--------------|-----------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| SAMPLE<br>TYPE | WORKERS NAME | SOCIAL SECURITY #                       | LOCATION                                                                    | ACTIVITY                                                                               | RESPIRATOR<br>TYPE                                                                                                                                                         |  |
| Perimeter      |              |                                         | Westside @ Gate                                                             | CLN                                                                                    | HM                                                                                                                                                                         |  |
| Perimeter      |              |                                         |                                                                             | CAN                                                                                    | H 14                                                                                                                                                                       |  |
|                |              |                                         |                                                                             | ChN                                                                                    | H M                                                                                                                                                                        |  |
|                |              |                                         |                                                                             | CLN                                                                                    | HM.                                                                                                                                                                        |  |
| FB             |              |                                         |                                                                             |                                                                                        |                                                                                                                                                                            |  |
|                |              |                                         |                                                                             |                                                                                        |                                                                                                                                                                            |  |
|                |              |                                         |                                                                             |                                                                                        |                                                                                                                                                                            |  |
|                |              |                                         |                                                                             |                                                                                        |                                                                                                                                                                            |  |
|                |              |                                         |                                                                             |                                                                                        |                                                                                                                                                                            |  |
| ,              |              |                                         |                                                                             |                                                                                        |                                                                                                                                                                            |  |
|                |              |                                         |                                                                             |                                                                                        | •                                                                                                                                                                          |  |
|                |              |                                         |                                                                             |                                                                                        |                                                                                                                                                                            |  |
|                | TYPE         | Perimeter Perimeter Perimeter Perimeter | SAMPLE TYPE WORKERS NAME SOCIAL SECURITY #  Perimeter  Perimeter  Perimeter | Perimeter Westside @ Gate Perimeter Southand Center of South Perimeter Eastside Center | SAMPLE TYPE WORKERS NAME SOCIAL SECURITY# LOCATION ACTIVITY  Perimeter Southend Center of South Can  Perimeter Eastside Center CAN  Perimeter North side of Decompress CAN |  |

| ANALT FORMATION |        |                          |     |                    |       |              |          |           |                |                                |                 |              |
|-----------------|--------|--------------------------|-----|--------------------|-------|--------------|----------|-----------|----------------|--------------------------------|-----------------|--------------|
| SAMPLE 1.D.     | PUMP#  | CALIB, FLOW RATE (L/min) |     | RUNNING TIME (min) |       | VOLUME       | FIBERS/  | FIBERS/   | LOQ<br>PIBERS/ | FIBER/om*                      |                 |              |
|                 |        | BEGINNING                | END | AVERAGE            | START | STOP         | DURATION | (i.itera) | FIELDS         | mm <sup>q</sup><br>(Blenk Com) | om <sup>3</sup> | (Blank Com)  |
| 090111-01       | 49     | 3.0                      | 3.0 | 3.0                | 0901  | 1448         | 407      | 1221      |                |                                |                 |              |
| 090111-02       | 97     | 3.0                      | 3.0 | 3.0                | 0805  | 1450         | 405      | 1215      |                |                                |                 |              |
| 090111-03       | 76     | 3.0                      | 3.0 | 3.0                | 0919  | 1454         | 402      | 1206      |                |                                |                 |              |
| 090111-04       | RC5-03 | 4.0                      | 4.0 | 4.0                | 0820  | 1500         | 400      | 1600      |                |                                |                 |              |
| 04011-05        |        | NA                       | NA  | ΝA                 | NΑ    | NΑ           | NA       | NA        |                |                                |                 |              |
|                 |        |                          |     |                    |       |              |          |           |                | [                              |                 |              |
|                 |        | <del>[</del>             |     | <u> </u>           |       |              | <u> </u> |           |                |                                |                 | <u> </u>     |
|                 |        | <u> </u>                 |     |                    |       | <del> </del> |          |           | <u> </u>       |                                |                 | <u> </u>     |
|                 |        |                          |     |                    |       |              |          |           |                | <u> </u>                       |                 | ļ            |
|                 |        |                          |     |                    |       |              | <u> </u> | ····      |                |                                |                 | <del> </del> |
|                 |        | <del> </del>             |     |                    |       |              |          |           |                | ļ                              |                 | <del></del>  |
| .               |        |                          |     |                    | j     |              | j j      |           | J              |                                |                 | }            |

|                                                                      | K                                                                          | EY TO ABBREVIATIONS                        | Comments Moving Debrinto Pill in the South                     |                          |  |  |  |
|----------------------------------------------------------------------|----------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------------------------|--------------------------|--|--|--|
| SAMPLE TYPE                                                          |                                                                            | ACTIVITY                                   | RESPIRATOR                                                     |                          |  |  |  |
| PRS = personal<br>HEX = heps exhaust<br>PB slank<br>BGc = paskground | FO = first clearance EXC = excursion NA = ir rk area UWA = cursion work at | REM = removal CLN = clean-up a glove wante | HM = half mask<br>FF = full face<br>= gowersf<br>= air p. esc. | Sampled by Date 9/1/2011 |  |  |  |