IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/20/2011
Report Number: 252486
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

JLLP-PRECISION000284

EAB CERCLA 106(b) 12-01 001520

iATL INTERNATIONAL
Asbestos Testing Laboratories

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 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIOT
Fax Number:		**Office Phone:**	216-378-0997
Email Address:	RCSenvironmental@MSN.COM	**Cell Phone:**	

Analysis/Instructions:

- ☑ PCM
- ☑ TEM – NIOSH 7402
- ☐ PLM
- ☐ Other _____

Method (specify): PLEASE USE METHOD 7400 AND 7402 ON EACH CASSETTE

Special Instructions: _____

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ☒ Email ☐ Fax

☐ 10 Day ☐ 5 Day ☒ 3 Day ☐ 2 Day ☐ 1 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***

Chain of Custody

Relinquished (Name/Organization):	(RCS)	Date:	9/6/11	Time:	5pm
Received (Name / IATL):		Date:		Time:	
Sample Login (Name / IATL):		Date:		Time:	
Analysis(Name(s) / IATL):		Date:	9/20/11	Time:	
QA/QC Review (Name / IATL):		Date:		Time:	
Archived / Released: _____ QA/QC InterLAB Use: _____		Date:		Time:	

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Asbestos Testing Laboratories

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: ~~CES~~ RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

Sampling Date: 8/23-24/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	f/mm² f/cc Results ( )
082411-01B 082311-01A	4429701 2 FB					1576	2.65 <0.0018
082411-02B 082311-02A	4429702 2 FB					1572	2.65 <0.0018
082411-03B 082311-03A	4429703 2 FB					1566	2.65 <0.0018
082411-04B 082311-04A	4429704 2 FB					1562	2.65 <0.0018
082411-05B 082311-05A	4429705 2 FB					1554	2.65 <0.0018
082411-06B 082311-06A	4429706 2 FB					1552	2.65 <0.0018
082411-07B 082311-07A	4429707 1 FB	BLANK					1.33

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

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IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/20/2011
Report Number: 252488
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

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

JLLP-PRECISION000287

EAB CERCLA 106(b) 12-01 001523

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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:	29012 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIDT
Fax Number:		**Office Phone:**	216-378-0997
Email Address:	RCSENVIRONMENTAL@MSN.COM	**Cell Phone:**	

Analysis/Instructions:

- ☒ PCM
- ☒ TEM – NIOSH 7402
- ☐ PLM
- ☐ Other

Method (specify): PLEASE ~~[illegible]~~ USE METHOD 7400 AND 7402 ON EACH CASSETTE.

Special Instructions:

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ☒ Email ☐ Fax

☐ 10 Day ☐ 5 Day ☒ 3 Day ☐ 2 Day ☐ 1 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***

Chain of Custody

Relinquished (Name/Organization):	[illegible] (RCS)	Date: 9/6/11	Time:
Received (Name / IATL):		Date:	Time:
Sample Login (Name / IATL):	[illegible] 9/16/11	Date:	Time:
Analysis(Name(s) / IATL):		Date:	Time:
QA/QC Review (Name / IATL):	[illegible]	Date: 9/20/11	Time:
Archived / Released: _____ QA/QC InterLAB Use: _____		Date:	Time:

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IATL - By [illegible]

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Asbestos Testing Laboratories

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

Sample Log

–Airborne Asbestos –

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

Sampling Date: 8/25-26/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	Results f/mm² / f/cc
082611-01B 082511-01A	4429708					1522	2.65 <0.0018
082611-02B 082511-02A	4429709					1520	2.65 <0.0018
082611-03B 082511-03A	4429710					1514	2.65 <0.0019
082611-04B 082511-04A	4429711					1502	2.65 <0.0019
082611-05B 082511-05A	4429712					1500	2.65 <0.0019
082611-06B 082511-06A	4429713					1490	2.65 <0.0019
082611-07B 082511-07A	4429714					1486	2.65 <0.0019
082611-08B 082511-08A	4429715	BLANK				N/A	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.

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IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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)
4429716	08232011-08	PRS:Rodney Warrens#2410 InDeconAreaSetupUnloadSupplys	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

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

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

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

JLLP-PRECISION000290

EAB CERCLA 106(b) 12-01 001526

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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)
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

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

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

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

JLLP-PRECISION000291

EAB CERCLA 106(b) 12-01 001527

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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:Rodney 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

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

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

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

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

JLLP-PRECISION000292

EAB CERCLA 106(b) 12-01 001528

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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)
4429728	08262011-09	EXC:Rodney Warrens#2410 OfficeBldg.1stFloorSealingWindows	64	2.65	<0.0440
4429729	08262011-10	PRS:Rodney Warrens#2410 OfficeBldg.1stFloorSealingWindows	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

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

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

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

JLLP-PRECISION000293

EAB CERCLA 106(b) 12-01 001529

iATL INTERNATIONAL
Asbestos Testing Laboratories

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 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIDT
Fax Number:		**Office Phone:**	216-378.0997
Email Address:	RCSenvironmental@MSN.com	**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 ALL "POSITIVE" RESULTS GREATER THAN 0.005 f/cc BY NIOSH 7402(TEM). DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 f/cc BECAUSE OF DETECTION LIMIT AND SMALL SAMPLE VOLUME

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ☐ Email ☐ Fax

☐ 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):		Date:	Time:
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):		Date:	Time:
Analysis(Name(s) / iATL):		Date: 9/20/11	Time:
QA/QC Review (Name / iATL):		Date:	Time:
Archived / Released: _____	QA/QC InterLAB Use: ____	Date:	Time:

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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 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIDT
Fax Number:		**Office Phone:**	216-378,0997
Email Address:	RCSenvironmental@MSN.com	**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 ALL "POSITIVE" RESULTS GREATER THAN 0.005 f/cc BY NIOSH 7402(TEM). DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 f/cc BECAUSE OF DETECTION LIMIT AND SMALL SAMPLE VOLUME

Turnaround Time

Preliminary Results Requested Date: _____ ☐ Verbal ☐ Email ☐ Fax

Specific date / time

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

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

Chain of Custody

Relinquished (Name/Organization):	[signature]	Date:	Time:
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):		Date:	Time:
Analysis(Name(s) / iATL):		Date:	Time:
QA/QC Review (Name / iATL):		Date:	Time:
Archived / Released: _____ QA/QC InterLAB Use: ____		Date:	Time:

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iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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: 8/23-26/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	Results f/mm2 ( ) / f/cc
08232011-08	4429716				32/100	342	42.4 0.048
08232011-09	4429717				2/100	60	2.65 <0.047
08232011-10	4429718				8/100	210	10.6 0.019
08232011-11	4429719				1/100	BLANK	1.33
8242011-08	4429720				2/100	60	2.65 <0.047
8242011-09	4429721				20/100	512	29.2 0.022
8242011-10	4429722				14/100	362	18.6 0.020
8242011-11	4429723				1/100	BLANK	1.33
8252011-09	4429724				55/100	630	7.29 0.0045
8252011-10	4429725				2/100	60	2.65 <0.047
8252011-11	4429726				2/100	262	2.65 <0.011
8252011-12	4429727				1/100	BLANK	1.33
82691-09	4429728				2/100	64	2.65 <0.044
82691-10	4429729				6/100	368	7.96 0.0083
82691-11	4429730				15/100	206	19.9 0.037
82691-12	4429731				1/100	BLANK	1.33

* = *Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
** = *Insufficient Sample Provided to Analyze (<50mg)* *** = *Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

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

JLLP-PRECISION000296

EAB CERCLA 106(b) 12-01 001532

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

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

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000297

EAB CERCLA 106(b) 12-01 001533

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

Lab No.	Client No.	Description / Location	Volume (Liters)	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 Area	1305	2.65	<0.0022
4436680	083011-05	Field Blank	0	1.33	NA

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

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

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

JLLP-PRECISION000298

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

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

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

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

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

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

JLLP-PRECISION000299

EAB CERCLA 106(b) 12-01 001535

IATL International Asbestos Testing Laboratories

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Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

Lab No.	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

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

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

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

JLLP-PRECISION000300

IATL International Asbestos Testing Laboratories

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Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

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

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

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

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

JLLP-PRECISION000301

EAB CERCLA 106(b) 12-01 001537

IATL International Asbestos Testing Laboratories

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Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

Lab No.	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

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

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

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

JLLP-PRECISION000302

EAB CERCLA 106(b) 12-01 001538

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

Lab No.	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

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

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000303

EAB CERCLA 106(b) 12-01 001539

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

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 Center	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

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

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

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

JLLP-PRECISION000304

EAB CERCLA 106(b) 12-01 001540

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

Lab No.	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

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

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

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

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

JLLP-PRECISION000305

EAB CERCLA 106(b) 12-01 001541

iATL
INTERNATIONAL
Asbestos Testing Laboratories

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 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIDT
Fax Number:		**Office Phone:**	216-378.0997
Email Address:	RCSenvironmental@MSN.com	**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 ALL "POSITIVE" RESULTS GREATER THAN 0.005 f/cc BY NIOSH 7402(TEM). DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 f/cc BECAUSE OF DETECTION LIMIT AND SMALL SAMPLE VOLUME

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ☐ Email ☐ Fax

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

45

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

Chain of Custody

Relinquished (Name/Organization):		Date:	Time:
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):		Date:	Time:
Analysis(Name(s) / iATL):		Date:	Time:
QA/QC Review (Name / iATL):		Date:	Time:
Archived / Released: _____ QA/QC InterLAB Use: ____		Date:	Time:

RECEIVED 27 SEP 2011 IATL - BY

JLLP-PRECISION000306

EAB CERCLA 106(b) 12-01 001542

iATL INTERNATIONAL
Asbestos Testing Laboratories

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: 8/29-30/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	Results f/mm² f/cc
082911-01	4436670				2/100	1296	2.65 <0.0022
082911-02	4436671				2/100	1293	2.65 <0.0022
082911-03	4436672				2/100	1290	2.65 <0.0022
082911-04	4436673				2/100	1275	2.65 <0.0022
082911-05	4436674				2/100	1305	2.65 <0.0022
082911-06	4436675				1/100	BLANK	1.33
083011-01	4436676				2/100	1305	2.65 <0.0022
083011-02	4436677				2/100	1305	2.65 <0.0022
083011-03	4436678				2/100	1305	2.65 <0.0022
083011-04	4436679				2/100	1305	2.65 <0.0022
083011-05	4436680				1/100	BLANK	1.33

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

iATL INTERNATIONAL
Asbestos Testing Laboratories

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

Sample Log

–Airborne Asbestos –

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

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

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	~~Area (ft²)~~ Volume (L)	f/mm² Results f/cc
083111-01	4436681				100	1365	2.65 <0.0021
083111-02	4436682				100	1344	2.65 <0.0021
083111-03	4436683				100	1317	2.65 <0.0021
083111-04	4436684				100	1452	2.65 <0.0019
083111-05	4436685				100	BLANK	1.33
090111-01	4436686				100	1221	2.65 <0.0023
090111-02	4436687				100	1215	2.65 <0.0023
090111-03	4436688				100	1206	2.65 <0.0023
090111-04	4436689				100	1600	2.65 <0.0018
090111-05	4436690				100	BLANK	1.33
090211-01	4436691				100	1224	2.65 <0.0023
090211-02	4436692				100	1224	2.65 <0.0023
090211-03	4436693				100	1221	2.65 <0.0023
090211-04	4436694				100	1624	2.65 <0.0017
090211-05	4436695				100	BLANK	1.33

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

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Asbestos Testing Laboratories

9000 Commerce Parkway, Suite B • Mount Laurel, NJ 08054
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Sample Log

–Airborne Asbestos –

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

Sampling Date: 9/6-8/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	Results f/mm² ( ) f/cc
090611-01	4436696				2/100	1314	2.65 <0.0021
090611-02	4436697				2/100	1308	2.65 <0.0021
090611-03	4436698				2/100	1290	2.65 <0.0022
090611-04	4436699				2/100	1620	2.65 <0.0017
090611-05	4436700				1/100	BLANK	1.33
090711-01	4436701				2/100	1068	2.65 <0.0026
090711-02	4436702				2/100	1065	2.65 <0.0026
090711-03	4436703				2/100	1062	2.65 <0.0026
090711-04	4436704				2/100	1172	2.65 <0.0024
090711-05	4436705				1/100	BLANK	1.33
090811-01	VOID						(MS)
090811-02	4436706				2/100	1137	2.65 <0.0025
090811-03	4436707				4/100	1131	5.31 <0.0025
090811-04	4436708				2/100	1609	2.65 <0.0017
090811-05	4436709				1/100	BLANK	1.33

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Sample Log

–Airborne Asbestos –

Client: RCS ENVIRONMENTAL Project: CLEVELAND, TRENCHER

Sampling Date: 9/9/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	f/mm² / f/cc Results
090911-01	4436710				3/100	1440	265 <0,0020
090911-02	4436711				14/100	1440	18.6 0,0050
090911-03	4436712				10/100	1425	13.3 0,0036
090911-04	4436713				2/100	1716	265 <0,0016
090911-05	4436714				1/100	BLANK	1.33

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

Comments:
A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000311

EAB CERCLA 106(b) 12-01 001547

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436626	090611-06	EXC:Timothy Russell#4966 S.EndSeperatingDebrisUsingExcavator	62	2.65	<0.0450
4436627	090611-07	PRS:Timothy Russell#4966 S.EndLoadingTrackw/DebrisUsingExcavator	916	2.65	<0.0031
4436628	090611-08	EXC:Daniel Schillero#7861 Lining&SealingTrackw/PolyOnManualLifts	60	2.65	<0.0470
4436629	090611-09	PRS:Daniel Schillero#7861 Lining&SealingTrackw/PolyOnManualLifts	924	2.65	<0.0030
4436630	090611-10	Field Blank	0	1.33	NA

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

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

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

Approved By:

Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000312

EAB CERCLA 106(b) 12-01 001548

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436631	090711-06	EXC:Rodney Warrens#2410 SW EndWetting DebrisBeingLoaded	60	2.65	<0.0470
4436632	090711-07	PRS:Rodney Warrens#2410 SW EndWetting DebrisBeingLoaded	358	2.65	<0.0078
4436633	090711-08	EXC:Daniel Schillero#7861 W.CenterLiningTrucks&SealingTruck	64	2.65	<0.0440
4436634	090711-09	PRS:Daniel Schillero#7861 W.CenterLiningTruck&SealingForDebris	358	2.65	<0.0078
4436635	090711-10	Field Blank	0	1.33	NA

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

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

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000313

EAB CERCLA 106(b) 12-01 001549

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000314

EAB CERCLA 106(b) 12-01 001550

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000315

EAB CERCLA 106(b) 12-01 001551

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000316

EAB CERCLA 106(b) 12-01 001552

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
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Date Received: 9/26/2011
Date Analyzed: 9/27/2011
Analyst: B. Reich

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000317

EAB CERCLA 106(b) 12-01 001553

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000318

EAB CERCLA 106(b) 12-01 001554

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/27/2011
Report Number: 253204
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

JLLP-PRECISION000319

EAB CERCLA 106(b) 12-01 001555

iATL INTERNATIONAL
Asbestos Testing Laboratories

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 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIDT
Fax Number:		**Office Phone:**	216-378.0997
Email Address:	RCSenvironmental@MSN.com	**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 _____

MS 9/23/11

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

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ☐ Email ☐ Fax

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

4P

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

Chain of Custody

Relinquished (Name/Organization):		Date: 9/23/11	Time: 5pm
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):		Date:	Time:
Analysis(Name(s) / iATL):		Date: 9/27/11	Time:
QA/QC Review (Name / iATL):		Date:	Time:
Archived / Released: _____	QA/QC InterLAB Use: ____	Date:	Time:

RECEIVED SEP 26 2011

IATL - By _____

JLLP-PRECISION000320

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iATL INTERNATIONAL
Asbestos Testing Laboratories

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

Sample Log

–Airborne Asbestos –

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

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

PERSONAL AIR SAMPLES

Client Sample #	IATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	Results f/cc
090211-06	4436621				480	900	2.65 <0.0031
090211-07	4436622				480	548	2.65 <0.048
090211-08	4436623				480	918	2.65 <0.0031
090211-09	4436624				480	60	2.65 <0.047
090211-10	4436625				480	BLANK	1.33
090611-06	4436626				480	62	2.65 <0.045
090611-07	4436627				480	916	2.65 <0.0031
090611-08	4436628				480	60	2.65 <0.047
090611-09	4436629				480	924	2.65 <0.0030
090611-10	4436630				480	BLANK	1.33
090711-06	4436631				480	60	2.65 <0.047
090711-07	4436632				480	358	2.65 <0.0078
090711-08	4436633				480	64	2.65 <0.044
090711-09	4436634				480	358	2.65 <0.0078
090711-10	4436635				480	BLANK	1.33

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

JLLP-PRECISION000321

EAB CERCLA 106(b) 12-01 001557

iATL INTERNATIONAL
Asbestos Testing Laboratories

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

PERSONAL AIR SAMPLES

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	Results f/mm² / f/cc
083011-06	4436636				2/100	846	2.65 <0.0033
083011-07	4436637				2/100	72	2.65 <0.039
083011-08	4436638				2/100	848	2.65 <0.0033
083011-09	4436639				2/100	62	2.65 <0.045
083011-10	4436640				1/100	BLANK	1.33
083111-06	4436641				2/100	64	2.65 <0.044
083111-07	4436642				2/100	893	2.65 <0.0031
083111-08	4436643				2/100	64	2.65 <0.044
083111-09	4436644				2/100	894	2.65 <0.0031
083111-10	4436645				1/100	BLANK	1.33
090111-06	4436646				2/100	926	2.65 <0.0034
090111-07	4436647				2/100	74	2.65 <0.038
09011-08	4436648				2/100	830	2.65 <0.0034
090111-09	4436649				2/100	62	2.65 <0.045
090111-10	4436650				1/100	BLANK	1.33

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

JLLP-PRECISION000322

EAB CERCLA 106(b) 12-01 001558

iATL INTERNATIONAL
Asbestos Testing Laboratories

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: ~~CLIENT~~ RCS ENVIRONMENTAL Project: CLEVELAND TRENCHER

Sampling Date: 8/29/11

PERSONAL AIR SAMPLES

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	Results f/mm² ( ) f/cc
082911-07	4436651				200	408	265 <0.0069
082911-08	4436652				200	66	265 <0.043
082911-09	4436653				200	440	265 <0.0064
082911-10	4436654				200	418	265 <0.0067
082911-11	4436655				200	62	265 <0.045
082911-12	4436656				200	438	265 <0.0064
082911-13	4436657				200	BLANK	133

* = *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.

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Sample Log

–Airborne Asbestos –

Client: RCS ENVIRONMENTAL Project: CLEVELAND TRENCHAL

Sampling Date: 9

PERSONAL AIR SAMPLES

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	~~Area (ft2)~~ Volume (L)	f/mm² Results f/cc ( )
090811-06	4436658				2/100	62	2.65 <0.045
090811-07	4436659				2/100	878	2.65 <0.0032
090811-08	4436660				2/100	64	2.65 <0.044
090811-09	4436661				2/100	882	2.65 <0.0032
090811-10	4436662				2/100	60	2.65 <0.047
090811-11	4436663				2/100	878	2.65 <0.0032
090811-12	4436664				1/100	BLANK	1.33
090911-06	4436665				2/100	60	2.65 <0.047
090911-07	4436666				2/100	950	2.65 <0.0030
090911-08	4436667				2/100	62	2.65 <0.045
090911-09	4436668				2/100	946	2.65 <0.0030
090911-10	4436669				1/100	BLANK	1.33

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.
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IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/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&SealingDumpsters;SouthwestEnd	60	2.65	<0.0470
4432784	091211-07	PRS:Scott Cline#1222 SouthwestEnd;Lining&SealingDumpsters	836	2.65	<0.0034
4432785	091211-08	EXC:Rodney Warrens#2410 SouthwestEnd;WettingDebrisBeingLoaded	64	2.65	<0.0440
4432786	091211-09	PER:Rodney Warrens#2410 SouthwestEnd;WettingDebrisBeingLoaded	836	2.65	<0.0034

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000325

EAB CERCLA 106(b) 12-01 001561

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

JLLP-PRECISION000326

EAB CERCLA 106(b) 12-01 001562

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/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.
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Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000327

EAB CERCLA 106(b) 12-01 001563

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432797	091311-10	Field Blank	0	1.33	NA

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

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

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

JLLP-PRECISION000328

EAB CERCLA 106(b) 12-01 001564

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000329

EAB CERCLA 106(b) 12-01 001565

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

JLLP-PRECISION000330

EAB CERCLA 106(b) 12-01 001566

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/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 Schillero#7861 SouthEndScrapLeadPaint,Line&SealDumpster	850	2.65	<0.0033

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000331

EAB CERCLA 106(b) 12-01 001567

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432817	091511-10	Field Blank	0	1.33	NA

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

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Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
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Date Received: 9/21/2011
Date Analyzed: 9/22/2011
Analyst: B. Reich

JLLP-PRECISION000332

EAB CERCLA 106(b) 12-01 001568

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432818	091611-01	South End West Side @ West Gate	1275	2.65	<0.0022
4432819	091611-02	South End Near Center	1311	2.65	<0.0021
4432820	091611-03	East End Near Center	1332	2.65	<0.0021
4432821	091611-04	North Side Of Decon Area	1724	2.65	<0.0016
4432822	091611-05	Field Blank	0	1.33	NA
4432823	091611-06	EXC:Timothy Russell#4966 S.EndI/S ExcavatorLoadingDebrisIntoDumpsters	72	2.65	<0.0390
4432824	091611-07	PER:Timothy Russell#4966 S.EndI/S 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

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

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

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000333

EAB CERCLA 106(b) 12-01 001569

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4432827	091611-10	Field Blank	0	1.33	NA

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

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

Comments:
A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Date Received: 9/21/2011

Date Analyzed: 9/22/2011

Analyst: B. Reich

JLLP-PRECISION000334

EAB CERCLA 106(b) 12-01 001570

iATL INTERNATIONAL
Asbestos Testing Laboratories

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 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIDT
Fax Number:		**Office Phone:**	216-374.0997
Email Address:	RCSenvironmental@MSN.COM	**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 ALL "POSITIVE" RESULTS GREATER THAN 0.005 f/cc BY NIOSH 7402(TEM). DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 f/cc BECAUSE OF DETECTION LIMIT AND SMALL SAMPLE VOLUME

Turnaround Time

Preliminary Results Requested Date: _____ (Specific date / time) ☐ Verbal ☐ Email ☐ Fax

☐ 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):		Date: 9/12/2011	Time: 1600
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):	9/13/11	Date:	Time:
Analysis(Name(s) / iATL):		Date: 9/22/11	Time:
QA/QC Review (Name / iATL):		Date:	Time:
Archived / Released: _____ QA/QC InterLAB Use: ____		Date:	Time:

RECEIVED
SEP 21 2011
IATL - By

JLLP-PRECISION000335

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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

Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/12 - 9/13

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	f/mm² f/cc f/cc Results ( )
091211-01	4432778				2/100	1230	2.65 <0.0023 ~~<0.002~~
091211-02	4432779				2/100	1233	2.65 <0.0023
091211-03	4432780				2/100	1236	2.65 <0.0023
091211-04	4432781				2/100	1604	2.65 <0.0018
091211-05	4432782				1/100	NA	1.33
091211-06	4432783				2/100	60	2.65 <0.047
091211-07	4432784				2/100	836	2.65 <0.0034
091211-08	4432785				2/100	64	2.65 <0.044
091211-09	4432786				2/100	836	2.65 <0.0034
091211-10	4432787				1/100	NA	1.33
091311-01	4432788				2/100	1290	2.65 <0.0022
091311-02	4432789				2/100	1272	2.65 <0.0022
091311-03	4432790				35/100	1257	4.64 <0.0022
091311-04	4432791				2/100	1612	2.65 <0.0017
091311-05	4432792				1/100	NA	1.33

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

JLLP-PRECISION000336

EAB CERCLA 106(b) 12-01 001572

iATL INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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

Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/13 - 9/14

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	f/mm² / f/cc Results ( )
091311-06	4432793				2/100	60	2.65 <0.047
091311-07	4432794				2/100	820	2.65 <0.0034
091311-08	4432795				2/100	62	2.65 <0.045
091311-09	4432796				2/100	812	2.65 <0.0035
091311-10	4432797				1/100	NA	1.33
091411-01	4432798				2/100	1269	2.65 <0.0022
091411-02	4432799				2/100	1287	2.65 <0.0022
091411-03	4432800				2/100	1308	2.65 <0.0021
091411-04	4432801				2/100	1668	2.65 <0.0017
091411-05	4432802				1/100	NA	1.33
091411-06	4432803				2/100	60	2.65 <0.047
091411-07	4432804				2/100	752	2.65 <0.0037
091411-08	4432805				2/100	60	2.65 <0.047
091411-09	4432806				4/100	752	5.31 <0.0037
091411-10	4432807				1/100	NA	1.33

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Sample Log

–Airborne Asbestos –

Client: Percision Project: Cleveland Trencher

Sampling Date: 9/15-

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) / Volume (L)	f/mm2 / f/cc Results ( )
091511-01	4432808				3/100	1191	265 <0.0024
091511-02	4432809				3/100	1215	265 <0.0023
091511-03	4432810				3/100	1176	265 <0.0024
091511-04	4432811				3/100	1472	265 <0.0019
091511-05	4432812				1/100	NA	133
091511-06	4432813				3/100	60	265 <0.047
091511-07	4432814				3/100	860	265 <0.0033
091511-08	4432815				3/100	74	265 <0.038
091511-09	4432816				3/100	850	265 <0.0033
091511-10	4432817				1/100	NA	133

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INTERNATIONAL
ASBESTOS TESTING LABORATORIES

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

Sample Log

–Airborne Asbestos –

Client: Percision Project: Cleveland Trencher

Sampling Date: 9/16/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	f/mm² f/cc Results ( )
091611-01	4432818				2/100	1275	265 <0.0022
091611-02	4432819				2/100	1311	265 <0.0021
091611-03	4432820				2/100	1332	265 <0.0021
091611-04	4432821				2/100	1724	265 <0.0016
091611-05	4432822				1/100	NA	133
091611-06	4432823				2/100	72	265 <0.039
091611-07	4432824				2/100	868	265 <0.0032
091611-08	4432825				2/100	74	265 <0.038
091611-09	4432826				2/100	868	265 <0.0032
091611-10	4432827				1/100	NA	133

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9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/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.&E.SideScrap/Paint/UseBobcatMovePile	826	2.65	<0.0034

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

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

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000340

EAB CERCLA 106(b) 12-01 001576

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436151	091911-10	Field Blank	0	1.33	NA

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

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

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

JLLP-PRECISION000341

EAB CERCLA 106(b) 12-01 001577

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436152	092011-01	SW @ W.Gate	1191	2.65	<0.0024
4436153	092011-02	S.Side Center	1194	2.65	<0.0024
4436154	092011-03	E.Side Near Center	1194	2.65	<0.0024
4436155	092011-04	North End of Decon Area	1520	2.65	<0.0018
4436156	092011-05	Field Blank	0	1.33	NA
4436157	092011-06	EXC:Scott Cline#1222 SE EndRem.OfTransformers	60	2.65	<0.0470
4436158	092011-07	PRS:Scott Cline#1222 SE Line&SealDumpsterS.EndW.Rem.Transite	788	2.65	<0.0036
4436159	092011-08	EXC:Timothy Russell#4966 SW InExcavatorRem.OfTransformers	60	2.65	<0.0450
4436160	092011-09	PRS:Timothy Russell#4966 SE LoadDebrisIntoDumpsters	788	2.65	<0.0036

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

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

Approved By:
Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000342

EAB CERCLA 106(b) 12-01 001578

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436161	092011-10	Field Blank	0	1.33	NA

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

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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

JLLP-PRECISION000343

EAB CERCLA 106(b) 12-01 001579

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436162	092111-01	SW @ W.Gate	1164	2.65	<0.0024
4436163	092111-02	S.Near Center	1179	2.65	<0.0024
4436164	092111-03	E.Side Near Center	1182	2.65	<0.0024
4436165	092111-04	N.End Of Decon Area	1564	2.65	<0.0018
4436166	092111-05	Field Blank	0	1.33	NA
4436167	092111-06	EXC:Rodney Warrens#2410 SE WettingDebrisBeingLoaded	60	2.65	<0.0470
4436168	092111-07	PER:Rodney Warrens#2410 SE WettingDebrisBeingLoaded	848	2.65	<0.0033
4436169	092111-08	EXC:Daniel Schillero#7861 SE Line&SealingDumpsters	64	2.65	<0.0440
4436170	092111-09	PRS:Daniel Schillero#7861 SE Line&SealingDumpsters	846	2.65	<0.0033

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, III
Laboratory Director

JLLP-PRECISION000344

EAB CERCLA 106(b) 12-01 001580

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4436171	092111-10	Field Blank	0	1.33	NA

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

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

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

JLLP-PRECISION000345

EAB CERCLA 106(b) 12-01 001581

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/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.SideCleanUpDebrisS.EndKeepDebrisWetCleanM	836	2.65	<0.0034
4436179	092211-08	EXC:Daniel Schillero#7861 I/SBldg.S.OldMechRmCleaningFireProofing	60	2.65	<0.0450
4436180	092211-09	PRS:Daniel Schillero#7861 I/SBldg.S.OldMechRmCleaningFireProofing	836	2.65	<0.0034

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, III
Laboratory Director

JLLP-PRECISION000346

EAB CERCLA 106(b) 12-01 001582

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

JLLP-PRECISION000347

EAB CERCLA 106(b) 12-01 001583

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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, III
Laboratory Director

JLLP-PRECISION000348

EAB CERCLA 106(b) 12-01 001584

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

Report Date: 9/26/2011
Report Number: 253171
Project: Cleveland Trencher
Project No.:

PCM AIR SAMPLE ANALYSIS SUMMARY

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

JLLP-PRECISION000349

EAB CERCLA 106(b) 12-01 001585

iATL INTERNATIONAL
Asbestos Testing Laboratories

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 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIDT
Fax Number:		**Office Phone:**	216-378,0997
Email Address:		**Cell Phone:**	SAME

RCSenvironmental@MSN.com

Matrix/Method:

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

RECEIVED
SEP 24 2011
IATL - By [signature] LOG [signature] 9-2'

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

Turnaround Time

Preliminary Results Requested Date: _____ [ ] Verbal [ ] Email [ ] Fax

[ ] 10 Day [ ] 5 Day [x] 3 Day (Specific date / time) [ ] 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):	[signature]	Date:	9/23/2011	Time:	1800
Received (Name / iATL):		Date:		Time:	
Sample Login (Name / iATL):	[signature]	Date:	9-24	Time:	
Analysis(Name(s) / iATL):		Date:	9/26/11	Time:	
QA/QC Review (Name / iATL):	[signature] 9-27-11	Date:		Time:	
Archived / Released: _____ QA/QC InterLAB Use: _____		Date:		Time:	

Celebrating 25 years - one sample at a time

JLLP-PRECISION000350

EAB CERCLA 106(b) 12-01 001586

iATL INTERNATIONAL
Asbestos Testing Laboratories

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

Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/19/11 – 9/20/11

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	f/mm² f/cc Results ( )
091911-01	4436142				480	1197	2.65 <0.0023
091911-02	4436143				480	1197	2.65 <0.0023
091911-03	4436144				480	1164	2.65 <0.0024
091911-04	4436145				480	1452	2.65 <0.0019
091911-05	4436146				480	NA	1.33
091911-06	4436147				480	60	2.65 <0.047
091911-07	4436148				480	824	2.65 <0.0034
091911-08	4436149				480	62	2.65 <0.045
091911-09	4436150				480	826	2.65 <0.0034
091911-10	4436151				480	NA	1.33
092011-01	4436152				480	1191	2.65 <0.0024
092011-02	4436153				480	1194	2.65 <0.0024
092011-03	4436154				480	1194	2.65 <0.0024
092011-04	4436155				480	1520	2.65 <0.0018
092011-05	4436156				480	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

iATL INTERNATIONAL
Asbestos Testing Laboratories

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

Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/20 - 9/21

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	f/mm² Results ( ) f/cc
092011-06	4436157				2/100	60	2.65 <0.047
092011-07	4436158				2/100	788	2.65 <0.0036
092011-08	4436159				2/100	60	2.65 <0.045
092011-09	4436160				2/100	788	2.65 <0.0036
092011-10	4436161				1/100	NA	1.33
092111-01	4436162				2/100	1164	2.65 <0.0024
092111-02	4436163				2/100	1179	2.65 <0.0024
092111-03	4436164				2/100	1182	2.65 <0.0024
092111-04	4436165				2/100	1564	2.65 <0.0018
092111-05	4436166				1/100	NA	1.33
092111-06	4436167				2/100	60	2.65 <0.047
092111-07	4436168				2/100	848	2.65 <0.0033
092111-08	4436169				2/100	64	2.65 <0.044
092111-09	4436170				2/100	846	2.65 <0.0033
092111-10	4436171				1/100	NA	1.33

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

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

iATL INTERNATIONAL
Asbestos Testing Laboratories

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

Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/22 - 9/23

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	f/mm2 Results ( ) f/cc
092211-01	4436172				2/100	1137	2.65 <0.0025
092211-02	4436173				2/100	1122	2.65 <0.0025
092211-03	4436174				2/100	1140	2.65 <0.0025
092211-04	4436175				2/100	1520	2.65 <0.0018
092211-05	4436176				1/100	NA	1.33
092211-06	4436177				2/100	60	2.65 <0.047
092211-07	4436178				2/100	836	2.65 <0.0034
092211-08	4436179				2/100	60	2.65 <0.045
092211-09	4436180				2/100	836	2.65 <0.0034
092211-10	4436181				1/100	NA	1.33
092311-01	4436182				2/100	1203	2.65 <0.0023
092311-02	4436183				2/100	1236	2.65 <0.0023
092311-03	4436184				2/100	1239	2.65 <0.0023
092311-04	4436185				2/100	1572	2.65 <0.0018
092311-05	4436186				1/100	NA	1.33

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

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

Celebrating 25 years, one sample at a time

JLLP-PRECISION000353

EAB CERCLA 106(b) 12-01 001589

iATL INTERNATIONAL
Asbestos Testing Laboratories

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

Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/23

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	f/mm2 Results ( ) f/cc
092311-06	4436187				2/100	60	2.65 <0.045
092311-07	4436188				2/100	874	2.65 <0.0032
092311-08	4436189				2/100	62	2.65 <0.045
092311-09	4436190				2/100	874	2.65 <0.0032
092311-10	4436191				1/100	NA	1.33

** = Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
*** = Insufficient Sample Provided to Analyze (<50mg) ***= Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). ML = Multi Layered Sample. May result in inconsistent results.

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

Celebrating 25 years ... one sample at a time

JLLP-PRECISION000354

EAB CERCLA 106(b) 12-01 001590

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 080
Telephone: 856-231-9449 Fax: 856-231-98

BATCH / SAMPLE MANAGEMENT REPORT

Customer No.:	RCS486	**Batch Number:**	**253171**
Customer:	RCS Environmental Group 2812 Shakercrest Blvd Beachwood OH 44122	**Project:** **Project Number:**	**Cleveland Trenche**
Customer Rep:	SC	**TAT:**	**3 Da**
		Date/Time Rec'd:	**9/24/201**
# of Samples:	**50** **Analysis:** **PCM**	**Time/Date Due:**	**9/29/201**

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

Special Instructions:

Admin Notes: rosenvironmental@msn.com

Shipping Error:

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

Batch Error:

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

Login Error:

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

SMGT.BatchSMR.0207

Copy: FE, JN, RS

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

JLLP-PRECISION000356

EAB CERCLA 106(b) 12-01 001592

IATL International Asbestos Testing Laboratories

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Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/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: AIHA Registry Program, LLC AIHA-LAP, LLC No. 100188

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

Comments:
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Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. governmen
Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

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

JLLP-PRECISION000357

EAB CERCLA 106(b) 12-01 001593

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4445137	092711-01	Perimeter SW @ W.Gate	1347	2.65	<0.0021
4445138	092711-02	Perimeter S.Side Near Center	1326	2.65	<0.0021
4445139	092711-03	Perimeter E.Side Near Center	1323	2.65	<0.0021
4445140	092711-04	Perimeter N.End Of Decon Area	1684	2.65	<0.0017
4445141	092711-05	Field Blank	0	1.33	NA

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

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

Comments:
A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/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: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

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

JLLP-PRECISION000358

EAB CERCLA 106(b) 12-01 001594

IATL International Asbestos Testing Laboratories

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Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

Comments:
A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

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

JLLP-PRECISION000359

EAB CERCLA 106(b) 12-01 001595

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

Comments:
A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

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

JLLP-PRECISION000360

EAB CERCLA 106(b) 12-01 001596

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

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

Comments:
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Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

Approved By: Frank E. Ehrenfeld, III
Laboratory Director

JLLP-PRECISION000361

EAB CERCLA 106(b) 12-01 001597

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. governmen
Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

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

JLLP-PRECISION000362

EAB CERCLA 106(b) 12-01 001598

IATL International Asbestos Testing Laboratories

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Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

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

JLLP-PRECISION000363

EAB CERCLA 106(b) 12-01 001599

IATL International Asbestos Testing Laboratories

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Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4445170	093011-01	Perimeter SW @ W.Gate	1137	2.65	<0.0025
4445171	093011-02	Perimeter S.Side Near Center	1146	2.65	<0.0025
4445172	093011-03	Perimeter E.Side @ Fuel Pump	1161	2.65	<0.0024
4445173	093011-04	Perimeter N.End Of Decon Area	1480	2.65	<0.0019
4445174	093011-05	Field Blank	0	1.33	NA

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

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

Comments:
A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

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

JLLP-PRECISION000364

EAB CERCLA 106(b) 12-01 001600

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4445175	093011-06	EXC:Scott Cline#1222 E.Side S.Line&SealDumpster	60	2.65	<0.0470
4445176	093011-07	PRS:Scott Cline#1222 E.Side S.CleanConcreteRunBobcat	810	2.65	<0.0035
4445177	093011-08	EXC:James 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

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

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

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

JLLP-PRECISION000365

EAB CERCLA 106(b) 12-01 001601

IATL International Asbestos Testing Laboratories

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Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

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

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

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

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
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Date Received: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

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

JLLP-PRECISION000366

EAB CERCLA 106(b) 12-01 001602

IATL International Asbestos Testing Laboratories

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CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4445185	100311-06	EXC:Scott Cline#1222 DeconAreaCleaningByHand	60	2.65	<0.0470
4445186	100311-07	PRS:Scott Cline#1222 DeconAreaCleaning/HelpW/DrumInArea#2	914	2.65	<0.0031
4445187	100311-08	EXC:James Omallay#1708 DeconAreaCleaningUsingBobcat	60	2.65	<0.0470
4445188	100311-09	PRS:James Omallay#1708;DeconArea CleaningByHand&BobcatPressureWasher	916	2.65	<0.0031
4445189	100311-10	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 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: 10/5/2011
Date Analyzed: 10/6/2011
Analyst: B. Reich

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

JLLP-PRECISION000367

EAB CERCLA 106(b) 12-01 001603

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4445190	100411-01	Perimeter Bldg.Center E.Side	1326	2.65	<0.0021
4445191	100411-02	Perimeter S.End Center	1326	2.65	<0.0021
4445192	100411-03	Perimeter E.Side @ Fuel Pump	1317	2.65	<0.0021
4445193	100411-04	Perimeter N.End In Decon Area	1332	2.65	<0.0021
4445194	100411-05	Field Blank	0	1.33	NA

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

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

Comments: A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/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.
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Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

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

JLLP-PRECISION000368

EAB CERCLA 106(b) 12-01 001604

IATL International Asbestos Testing Laboratories

9000 Commerce Parkway Suite B Mt. Laurel, NJ 08054
Telephone: 856-231-9449 Fax: 856-231-9818

CERTIFICATE OF ANALYSIS

Client: RCS Environmental Group
2812 Shakercrest Blvd
Beachwood OH 44122

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

PCM AIR SAMPLE ANALYSIS SUMMARY

Lab No.	Client No.	Description / Location	Volume (Liters)	Density (Fibers/mm²)	Concentration (Fibers/cc)
4445195	100411-06	EXC:Scott Cline#1222 E.SideDeconAreaWorkingSouth	60	2.65	<0.0470
4445196	100411-07	PRS:Scott Cline#1222 NE Decon Area Cleaning	818	2.65	<0.0034
4445197	100411-08	Field Blank	0	1.33	NA

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

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

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

Comments:
A VOID concentration means that the sample has been overloaded with particulate matter and could not be reliably analyzed.
Method requires submittal of blanks. Reporting Limit based upon 7 f/mm². These results are not blank corrected.
IATL assumes that appropriate sampling methods were used and that the data upon which these results are based, has been accurately supplied by the client.
This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. governmen
Current annual Coefficient of Variation (CV) values from low to high fiber ranges are 0.24, 0.36, & 0.25 as required by NIOSH 7400.

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

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

JLLP-PRECISION000369

EAB CERCLA 106(b) 12-01 001605

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Asbestos Testing Laboratories

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 SHAKERCREST	**Project Name:**	CLEVELAND TRENCHER
City, State, Zip:	BEACHWOOD, OH 44122	**Primary Contact:**	MIKE SCHMIDT
Fax Number:		**Office Phone:**	216-378,0997
Email Address:	RCSenvironmental@MSN.com	**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 ALL "POSITIVE" RESULTS (GREATER THAN 0.005 f/cc BY NIOSH 7402(TEM). DO NOT ANALYZE BY TEM IF GREATER THAN 0.005 f/cc BECAUSE OF DETECTION LIMIT AND SMALL SAMPLE VOLUME

Turnaround Time

Preliminary Results Requested Date: _____ Specific date / time ☐ Verbal ☐ Email ☐ Fax

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

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

Chain of Custody

Relinquished (Name/Organization):		Date: 10/4/2011	Time: 1800
Received (Name / iATL):		Date:	Time:
Sample Login (Name / iATL):		Date:	Time:
Analysis(Name(s) / iATL):		Date: 10/6/11	Time:
QA/QC Review (Name / iATL):		Date:	Time:
Archived / Released: _____	QA/QC InterLAB Use: ____	Date:	Time:

RECEIVED OCT 5 2011 IATL By

JLLP-PRECISION000370

EAB CERCLA 106(b) 12-01 001606

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ASBESTOS TESTING LABORATORIES

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

Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/26 – 9/27

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results f/mm2) / cc
092611-01	4445127				2/100	1107	2.65 <0.0025
092611-02	4445128				2/100	1107	2.65 <0.0025
092611-03	4445129				2/100	1110	2.65 <0.0025
092611-04	4445130				2/100	1448	2.65 <0.0019
092611-05	4445131				1/100	NA	1.33
092611-06	4445132				2/100	60	2.65 <0.047
092611-07	4445133				2/100	706	2.65 <0.0040
092611-08	4445134				2/100	60	2.65 <0.047
092611-09	4445135				2/100	712	2.65 <0.0039
092611-10	4445136				1/100	NA	1.33
092711-01	4445137				2/100	1347	2.65 <0.0021
092711-02	4445138				2/100	1326	2.65 <0.0021
092711-03	4445139				2/100	1323	2.65 <0.0021
092711-04	4445140				2/100	1684	2.65 <0.0017
092711-05	4445141				1/100	NA	1.33

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

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ASBESTOS TESTING LABORATORIES

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

Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/27 - 9/28

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	f/mm² Results f/cc
092711-06	4445142 ✓				2/100	60	265 <0.047
092711-07	4445143 ✓				2/100	874	265 <0.0032
092711-08	4445144 ✓				2/100	60	265 <0.047
092711-09	4445145 ✓				2/100	874	265 <0.0032
092711-10	4445146 ✓				2/100	90	265 <0.031
092711-11	4445147 ✓				2/100	1287	265 <0.0022
092711-12	4445148 ✓				1/100	NA	1.33 ✓
092811-01	4445149 ✓				2/100	1296	265 <0.0022
092811-02	4445150 ✓				2/100	1296	265 <0.0022
092811-03	4445151 ✓				2/100	1290	265 <0.0022
092811-04	4445152 ✓				2/100	1620	265 <0.0017
092811-05	4445153 ✓				2/100	1326	265 <0.0021
092711-06	4445154 ✓				1/100	NA	1.33 ✓
092811-07	4445155 ✓				2/100	30	265 <0.094
092811-08	4445156 ✓				2/100	840	265 <0.0033

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Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/28 - 9/29

Client Sample #	iATL #	Location/ Description	Flow Rate	Start End	Sampling time (min)	Area (ft2) Volume (L)	f/mm² Results f/cc
092811-09	4445157				2/100	31	2.65 <0.091
092811-10	4445158				2/100	842	2.65 <0.0033
092811-11	4445159				1/100	NA	1.33
092911-01	4445160				2/100	1296	2.65 <0.0022
092911-02	4445161				2/100	1284	2.65 <0.0022
092911-03	4445162				2/100	1260	2.65 <0.0022
092911-04	4445163				2/100	1620	2.65 <0.0017
092911-05	4445164				1/100	NA	1.33
092911-06	4445165				2/100	62	2.65 <0.045
092911-07	4445166				2/100	852	2.65 <0.0033
092911-08	4445167				2/100	60	2.65 <0.047
092911-09	4445168				2/100	852	2.65 <0.0033
092911-10	4445169				1/100	NA	1.33

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Sample Log

–Airborne Asbestos –

Client: Precision Project: Cleveland Trencher

Sampling Date: 9/30 – 10/3

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	f/ (mm²) Results f/cc
093011-01	4445170				2/100	1137	265 <0.0025
093011-02	4445171				2/100	1146	265 <0.0025
093011-03	4445172				2/100	1161	265 <0.0024
093011-04	4445173				2/100	1480	265 <0.0019
093011-05	4445174				1/100	NA	1.33
093011-06	4445175				2/100	60	265 <0.047
093011-07	4445176				2/100	810	265 <0.0035
093011-08	4445177				2/100	60	265 <0.047
093011-09	4445178				2/100	814	265 <0.0035
093011-10	4445179				1/100	NA	1.33
100311-01	4445180				2/100	1401	265 <0.0020
100311-02	4445181				2/100	1401	265 <0.0020
100311-03	4445182				2/100	1404	265 <0.0020
10311-04	4445183				2/100	1398	265 <0.0020
10311-05	4445184				1/100	NA	1.33

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

Sample Log

–Airborne Asbestos –

Client: Precison Project: Cleveland Trencher

Sampling Date: 10/3 -10/4

Client Sample #	iATL #	Location/ Description	Flow Rate	Start / End	Sampling time (min)	Area (ft2) Volume (L)	Results f/mm2( )/cc
100311-06	4445185				2/100	60	265 <0.047
100311-07	4445186				2/100	914	265 <0.0031
100311-08	4445187				2/100	60	265 <0.047
100311-09	4445188				2/100	916	265 <0.0031
100311-10	4445189				1/100	NA	1.33
100411-01	4445190				2/100	1326	265 <0.0021
100411-02	4445191				2/100	1326	265 <0.0021
100411-03	4445192				2/100	1317	265 <0.0021
100411-04	4445193				2/100	1332	265 <0.0021
100411-05	4445194				1/100	NA	1.33
100411-06	4445195				2/100	60	265 <0.047
100411-07	4445196				2/100	818	265 <0.0034
100411-08	4445197				1/100	NA	1.33

* – *Insufficient Sample Provided to Perform QC Reanalysis (<200mg)*
** = *Insufficient Sample Provided to Analyze (<50mg)* ***= *Matrix / Substrate Interference Possible*
FB = Method Requires the submittal of blank(s). 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.

JLLP-PRECISION000375

EAB CERCLA 106(b) 12-01 001611

3

SECTION 3

Daily Field Logs

RCS Environmental Group

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

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

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

0800 Mike Schmidt off site Precision 2 Workers unload equipment suppys and set up Decon area. Cecil Brannon set up background samples

1000 Precision is fixing the fenceing around The propty
Cecil Brannon of RCS and Andrew Kiel of Weston Solutions work the office Building They founded 9x9 floor 2x4 Ceiling tile, 9x9 Ceiling + Brown Mastick glue also paper booklet on the Floor though out the builing They found Pipe Insulation most about the ceiling in good condation.

1100 The 2 Worker for Precision Start Sealing windows with Glue tape + Poly on the 2nd Floor of office building Start in the Northwest working East

1140 Precision Stop for lunch

1230 Precision are on 2nd Floor office building Sealing windows

1445 Workers Clean up for end of Shift

1530 Precision, Weston Solutions and RCS off-Site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

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

REPORTED BY:

JLLP-PRECISION000378

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082311-01A	20	2.0	2.0	2.0	0808	1449	401	802				
082311-02A	76	2.0	2.0	2.0	0810	1452	402	904				
082311-03A	49	2.0	2.0	2.0	0813	1455	402	804				
082311-04A	99	2.0	2.0	2.0	0819	1458	399	798				
082311-05A	87	2.0	2.0	2.0	0824	1500	396	792				
082311-06A	54	2.0	2.0	2.0	0832	1506	394	788				
082311-07A	NA	NA	NA		NA							

KEY TO ABBREVIATIONS

SAMPLE TYPE
PRS = personal
HEX = hepa exhaust
FB = field blank
BG = Background
FC = final clearance
EXC = excursion
IWA = inside work area
OWA = outside work area

ACTIVITY
REM = removal
CLN = clean-up
GLBG = glovebag
W = waste

RESPIRATOR
HM = half mask
FF = full face
P = powered
A = air p... resp.

Comments

Sampled by Date 8/23/2011

JLLP-PRECISION000379

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm³	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
08232011-08	KY1	2.0	2.0	2.0	0848	11:39	171	342				
08232011-09	KY1	2.0	2.0	2.0	1230	1300	30	60				
08232011-10	KY1	2.0	2.0	2.0	1300	1445	105	210				
08232011-11	NA	NA	NA									

KEY TO ABBREVIATIONS

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

Comments Start ~~work~~ 0830, lunch 1130-1230 stop work 1445

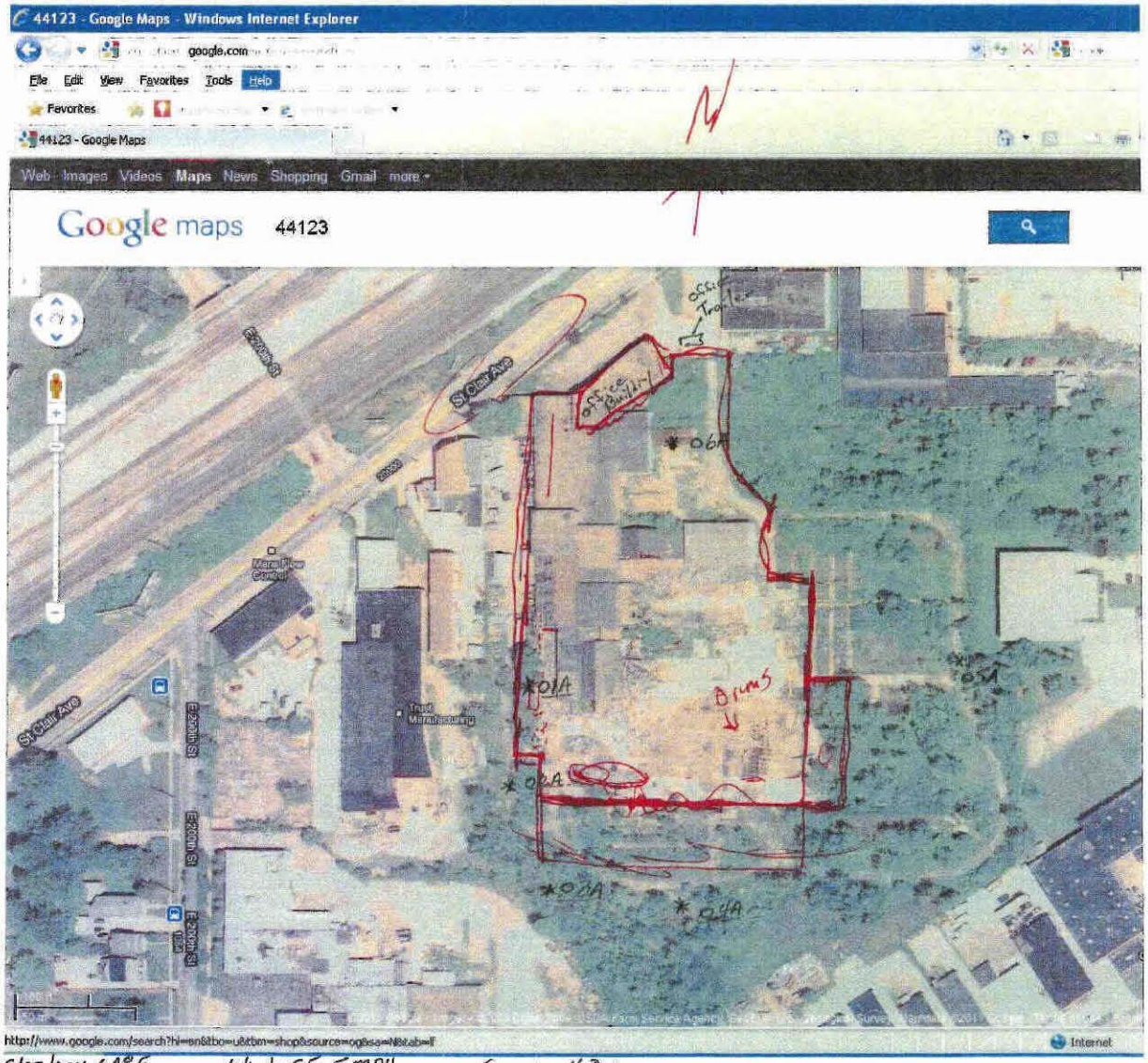
Sampled by [signature] Date 8/23/2011

JLLP-PRECISION000380

sca Piscazzi Gary Thomas

8/23/2011

62°F SE winds 5MPH



Setup equipment
Seal window 2nd floor officebuild
6 Background Samples

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

JLLP-PRECISION000381

RCS Environmental Group

DATE: 9/24/2011
PROJECT:
FIELD REPORT No.: 2
PAGE 1

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yates and Rodney Warren on-s.t for Precision and Andrew Kiel on-site for Weston Solutions for the EPA
Temp 64°F Rain Winds 6-18 MPH
The 2 Workers for Precision will be sealing window with Poly tape + Glue on the 2nd floor of Office building
0730 Rain has stoped
0800 Emly Wolf of Precision on-site to go over work with Kenny Yeats
0800 Precision Delivery of trail Water truck and other equipment
1100 Emily Wolf off-site Kenny Yates is using Bobcat to Clean up area for Cleaning (Decening) Trucks for loading out debris (Acm) Rodey Warren on 2nd floor office building 2nd floor Sealing Windows
1200 Precision Stop for Lunch Temp 80°F Winds SW at 16 MPH
1230 1 Werker will be on bobcat set up Decon area 1 Worker on 2nd floor of Office building sealing windows
1500 Cecil Brannon Collect Background and presonal Samples
1530 Precision Weston Solution and RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

___ OWNER
___ CONTRACTOR
___ RCS OFFICE
___ FIELD OFFICE
___ LABORATORY
___ _____

REPORTED BY: [signature]

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
8242011-08	PBS	Rodney Warrens	2410	Office Building 2nd Floor Sealing Windows	Prep	
8242011-09	PBS	Rodney Warrens	2410	Office Building 2nd Floor Sealing Windows	Prep	
8242011-10	PBS	Rodney Warrens	2410	Office Building 2nd Floor Sealing Windows	Prep	
8242011-11	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
8242011-08	P01	2.0	2.0	2.0	0728	0758	30	60				
8242011-09	P01	2.0	2.0	2.0	0758	1214	256	512				
8242011-10	P01	2.0	2.0	2.0	1214	1515	181	362				
8242011-11	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal	HM = half mask
HEX = hepa exhaust	EXC = excursion	CLN = clean-up	FF = full face
FB = field blank	IWA = inside work area	GLBG = glovebag	P = powered
E ackgro	OWA e work	= wast ut	1 = air r resp.

Comments

Sampled by Date 8/24/2011

JLLP-PRECISION000383

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
82411-01B	BGD			Westside of Property South pass end of Bwlds		
082411-02B	BGD			Westside of Property @ Westside Gate		
082411-03B	BGD			Southwest Corner of Property		
082411-04B	BGD			South Center of Property		
082411-05B	BGD			Eastside East of Property		
082411-06B	BGD			North end inside Decon Area		
082411-07B	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm³	FIBER/cm³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082411-01B	20	2.0	2.0	2.0	0825	1452	387	774				
082411-02B	79	2.0	2.0	2.0	0830	1454	384	768				
082411-03B	99	2.0	2.0	2.0	0834	1455	381	762				
082411-04B	99	2.0	2.0	2.0	0839	1501	382	764				
082411-05B	87	2.0	2.0	2.0	0842	1506	384	762				
082411-06B	54	2.0	2.0	2.0	0850	1512	382	764				
082411-07B	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE
PRS = personal
HEX = hepa exhaust
FB = field blank
BL = blank
FC = final clearance
EXC = excursion
IWA = inside work area
OWA = outside work area

ACTIVITY
REM = removal
CLN = clean-up
GLBG = glovebag
= waste

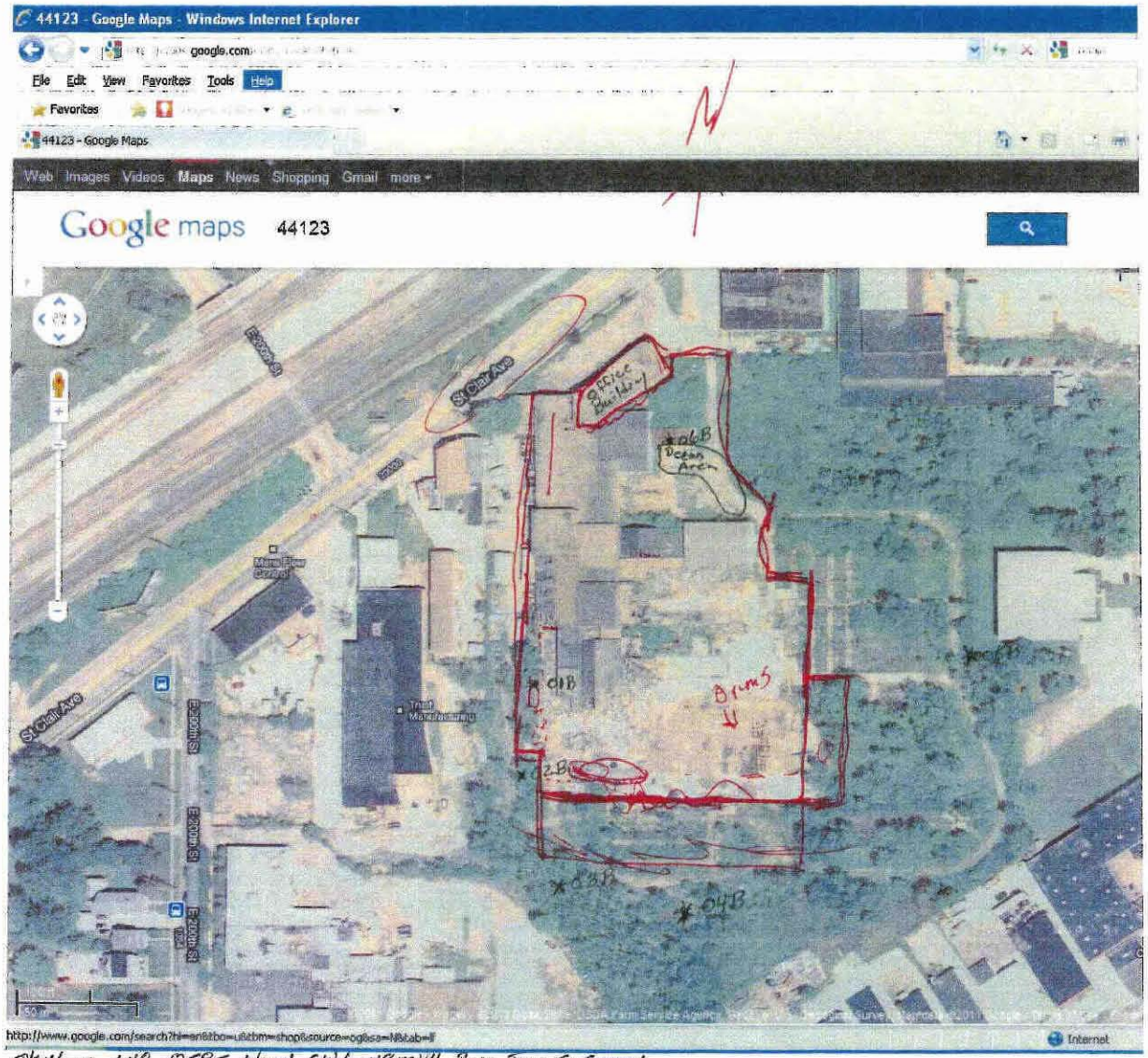
RESPIRATOR
HM = half mask
FF = full face
P = powered
= air p... resp.

Comments

Sampled by _____ Date 8/24/2011

JLLP-PRECISION000384

sca Piscazzi Gary Thomas



8/24/2011 64°-85°F Wind SW 6-18MPH Rain 7am to Sunny

8/24/11
0200 64°F Wind 6 ~~with gust 18~~
1200 80°F Wind SW 16MPH
Prep Office Building 2nd floor
One Worker
Prep Decon Area

6 Backgrounds B
3 Personals

JLLP-PRECISION000385

RCS Environmental Group

DATE: 8/25/2011
PROJECT:
FIELD REPORT 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 Weston Solutions. A storm come though overe night some of the ply over Caving the window in of Sice Building 2nd floor come lose Precision is reseal Window 1st.

* Temp 70°F Winds NW 12 MPH.
1 Worker is sealing Window on 2nd Floor of Office Building and 1 Worker is cutting plywood To cover opening To the 1st Floor Office building

0800 Cecil Brannon of RCS setup Background air Samples Throughout Precision recived a sppoy Delivery

1200 Precision stop work for lunch Temp 75° Winds WNW 12 MPH

1230 1 Worker for Precision will be using Ply to Seal up Window on 1st floor of the Office Building and 1 Worker Putting plywood over door opening on 1st floor of Office Building to Secure and isolate work area from the office Building
Precisions Electricians on site to finsh connecting electricity to the Job Direct.

1450 Cecil Brannon Collect Background sample

1500 Precision Clean up for end of Shift

1530 Precision and RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

___ OWNER
___ CONTRACTOR
___ RCS OFFICE
___ FIELD OFFICE
___ LABORATORY
___ _____

REPORTED BY: _____

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
8252011-09	P01	2.0	2.0	2.0	0724	1239	315	630				
8252011-10	P01	2	2.0	2.0	1239	1309	30	60				
8252011-11	P01	2	2.0	2.0	1309	1520	131	262				
8252011-12	NA	NA	NA		NA	NA						

KEY TO ABBREVIATIONS

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

Comments

Sampled by Date 8/25/2011

JLLP-PRECISION000387

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082511-01A	49	2.0	2.0	2.0	0817	1451	394	792				
082511-02A	20	2.0	2.0	2.0	0820	1454	394	788				
082511-03A	54	2.0	2.0	2.0	0826	1458	392	784				
082511-04A	99	2.0	2.0	2.0	0833	1459	386	772				
082511-05A	87	2.0	2.0	2.0	0837	1503	396	772				
082511-06A	79	2.0	2.0	2.0	0841	1505	384	768				
082511-07A	P02	2.0	2.0	2.0	0849	1509	380	760				
082511-08A	NA	NA	NA	NA	NA	NA	NA					

KEY TO ABBREVIATIONS

SAMPLE TYPE
PRS = personal
HEX = hepa exhaust
FB = field blank
BI = bkgrd

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

ACTIVITY
REM = removal
CLN = clean-up
GLBG = glovebag
= waste

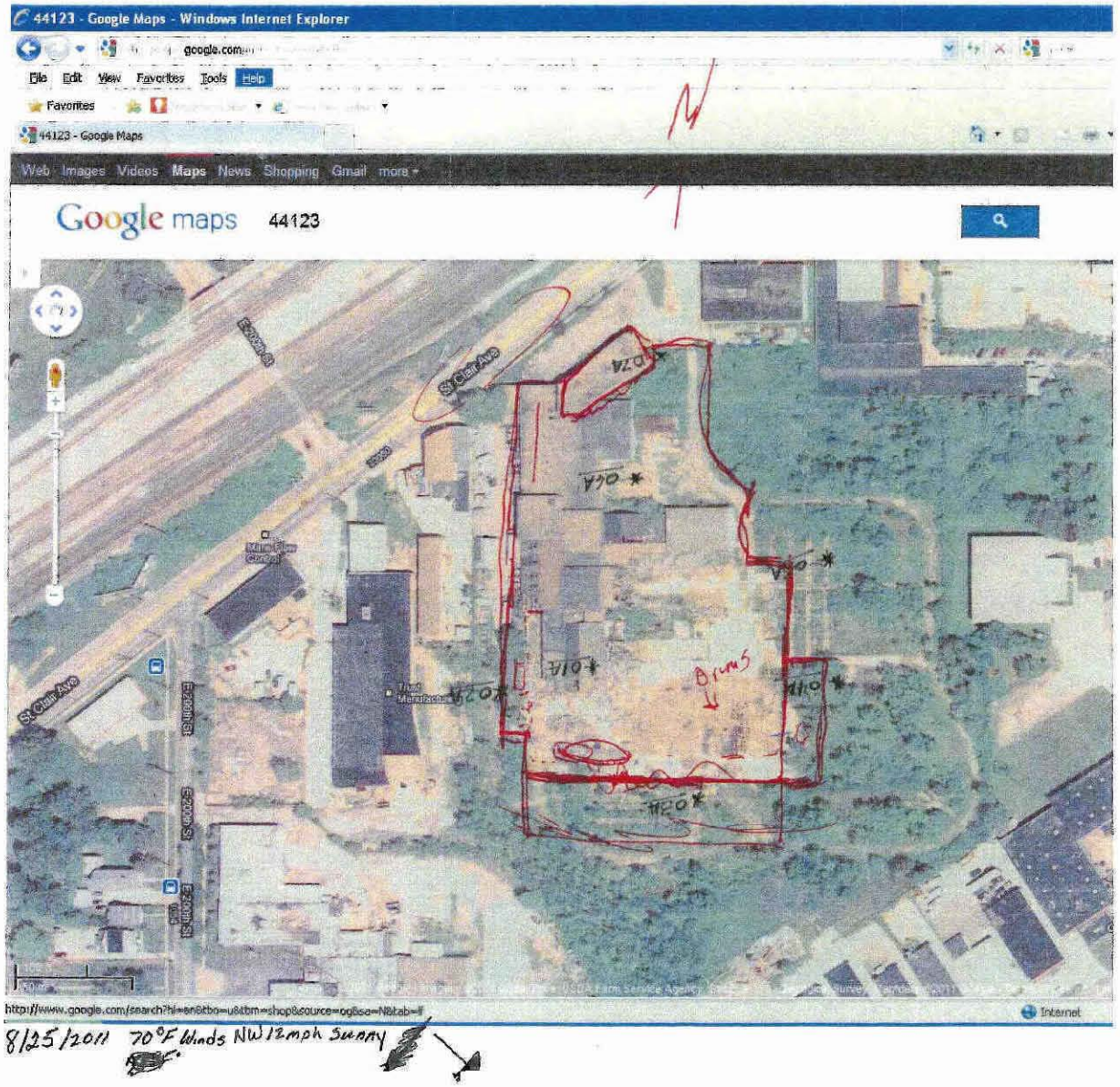
RESPIRATOR
HM = half mask
FF = full face
P = powered
= air pu

Comments

Sampled by Date 8/25/2011

JLLP-PRECISION000388

sca Piscazzi Gary Thomas



8/25/2011 70°F Winds NW 12mph Sunny

8/25/2011

70°F Winds NW 12 MPH

75°F Winds NW 12MPH

Seal up office Building 2nd + 1st floor Windows and Doors

Background Air Samples 7 Samples

Presonal 3 Samples

JLLP-PRECISION000389

RCS Environmental Group

DATE: 8/26/2011
PROJECT:
FIELD REPORT No.: 4
PAGE

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS, Kenny Yates and Rodney Warrens on-site for Precision and Andrew Kiel on-site With Weston Solutions. 1 Worker (Rodney Warrens) is sealing window with Poly + Tape on 1st floor Southeast of Office Building. 1 Worker Kenny Yates is work in Decon area unloading Supplys and set up the area. Temp is 71°F Winds North 0 MPH. Over-Cast Cecil Set Background + Presonal samples

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

1000 Mike Samec of Clev EPA off-site No Problem Kenny Yates go back To setup Decon Area Rodney Warrens continue seal window 1st floor Eastside of Office building

1200 Lunch Temp 73°F Wind NE 7 mph.

1230 Rodney Warrens will be sealing Window 1st floor Southside of Office building Kenny Yate will finish set up of Water truck watch will be use for keeping Debi wet

1300 Kenny Yate is in the Bobcat moving the wood (Big 12'-16' 20') out of the way inside the building after he made sure it was wet.

1330 Kenny Yate is done moving wood Water Truck is working continue set Decon Area Rodney Warrens is sealing window in Southside of office Building Cecil Brennen RCS collect Background samples.

1530 Precision Weston Solutions and RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

___ OWNER
___ CONTRACTOR
___ RCS OFFICE
___ FIELD OFFICE
___ LABORATORY
___ _____

REPORTED BY: _____

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082611-09	P01	2.0	2.0	2.0	0729	0801	32	64				
082611-10	11	2.0	2.0	2.0	0801	1205	~~240~~ 184	368				
082611-11		2.0	2.0	2.0	1208	1508	~~300~~ 300	206				
082611-12												

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	INA = inside work area	GLBG = glovebag waste
BG = background	OWA = outside work area	HM = half mask
		FF = full face
		P = powered air pu... resp.

Comments

Sampled by Date

JLLP-PRECISION000391

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
82611- 01B	49	2.0			0730	1335	365	730				
82611- 02B	20	2.0			0732	1338	366	732				
082611- 03B	54	2.0			0735	1340	365	730				
082611- 04B	99	2.0			0737	1342	365	730				
082611- 05B	87	2.0			0740	1344	364	728				
082611- 06B	79	2.0			0741	1345	361	722				
082611- 07B	P02	2.0			0747	1350	363	726				
082611- 08B	NA											

KEY TO ABBREVIATIONS

SAMPLE TYPE
PRS = personal
HEX = hepa exhaust
FB = field blank
BG = background

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

ACTIVITY
REM = removal
CLN = clean-up
GLBG = glovebag
WASTE = waste

RESPIRATOR
HM = half mask
FF = full face
P = powered air purifying resp.

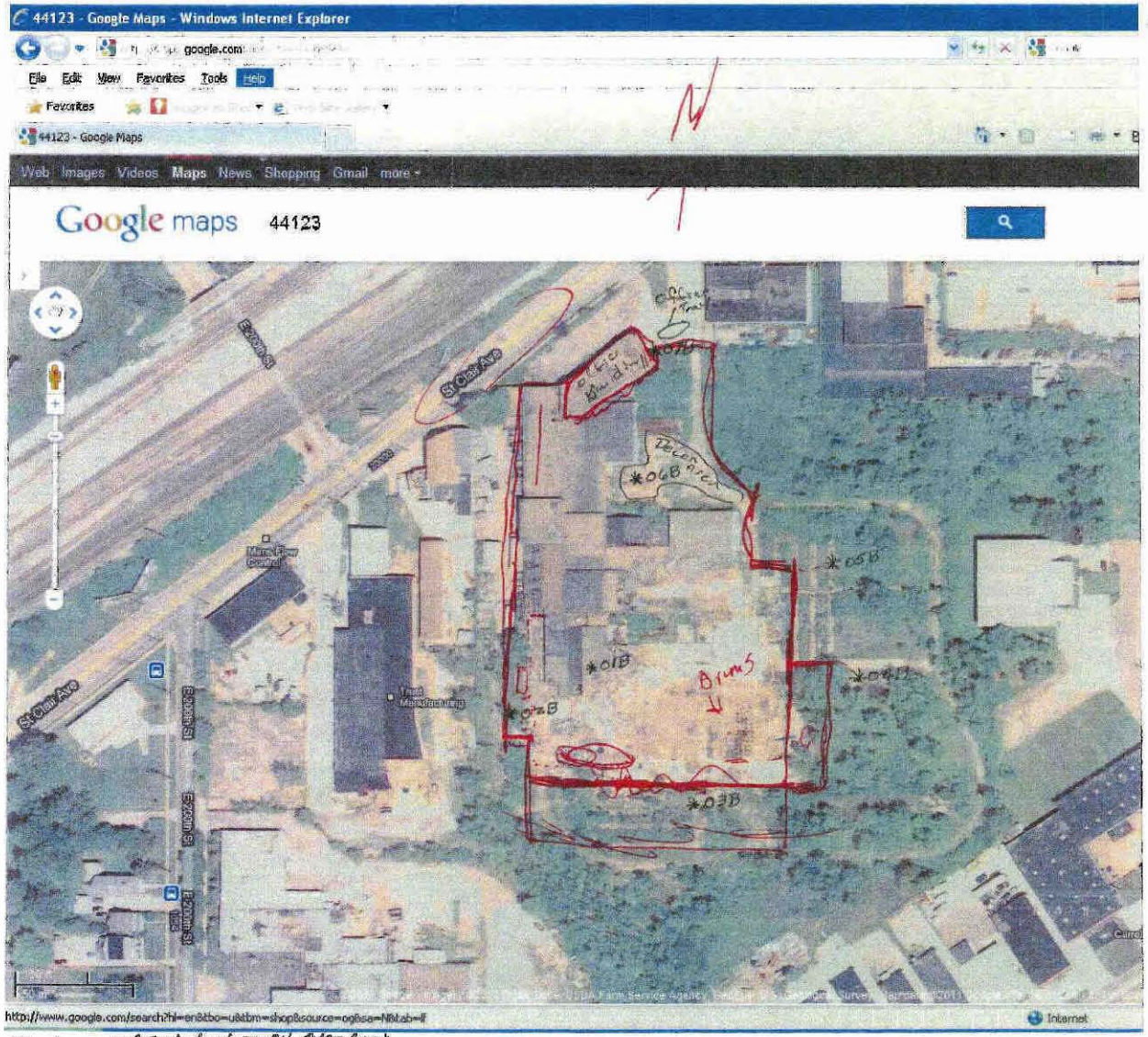
Comments

Sampled by Date

JLLP-PRECISION000392

sca Piscazzi Gary Thomas

8/26/2011



RCS Environmental Group

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

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yates on site with Precision with 3 Workers Rondney, Scott Cline (1222) Daniel Schillero (786) Andrew Kiel on-sit for Weston Solution Temp 57 North winds 0 mph
Precision Work Today Use Bodcat to move Debir into pill and Build a form for the concrete Slab of the Truck Decon. RCS site Air & Presonal Samples.
One work is inside Build on a bodcat suit + Resp. moving Debri (in the North west) to the Center area of the Building One work wercoy Suit + Resp is using Water hole to Keep the Debri Wet. 2 workers Build Concrete forms for Truck Decing East side on Decon area
1130 Precision Start Pouring Concrete for The Truck Decon. 2 Worker are suit up in the Northwest of the building 1 Worker using waterhole to wet down the debir and 1 Worker's Bobcat moving Debri
1200 lunch Temp 72 Winds NW 7 Mph.
1230 The Two Workers suit up contine wetting and Moving debris into a pill.
1530 Weston Solution Precision and RCS off-site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

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

REPORTED BY: [signature]

JLLP-PRECISION000394

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
082911-07	PRS	Rondney Warrens	2410	Northwest running Water Hose Welding	CLN	HM
082911-08	EXC	Rondney Warrens	2410	Northwest running Water Hose Welding	CLN	HM
082911-09	PRS	Rondney Warrens	2411	Northwes running Water Hose Welding	CLN	HM
082911-10	PRS	Scott Cline	1222	Northwest Building running Bobcat moving Debris	CLN	HM
082911-11	EXC	Scott Cline	1222	Northwest of Building running Bobcat moving Debris	CLN	HM
082911-12	PRS	Scott Cline	1222	Northwest of Building running Bobcat moving Debris	CLN	HM
082911-13	FB	NA	NA	Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082911-07	P01	2.0	2.0	2.0	0735	1059	204	408				
082911-08	P01	2.0	2.0	2.0	1059	1132	33	66				
082911-09	P01	2.0	2.0	2.0	1132	1510	220	440				
082911-10	P02	2.0	2.0	2.0	0732	1101	209	418				
082911-11	P02	2.0	2.0	2.0	1101	1132	31	62				
082911-12	P02	2.0	2.0	2.0	1132	1510	219	438				
082911-13	NA											

KEY TO ABBREVIATIONS

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

Comments Move debris in Building

Sampled by [signature] Date 8/29/2011

Analyzed by Date

JLLP-PRECISION000395

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
082911 - 01		3.0	3.0	3.0	0741	1453	432	1296				
082911 - 02		3.0	3.0	3.0	0743	1454	431	1293				
082911 - 03		3.0	3.0	3.0	0749	1459	430	1290				
082911 - 04		3.0	3.0	3.0	0753	1458	425	1275				
082911 - 05		3.0	3.0	3.0	0735	1450	435	1305				
082911 - 06		NA	NA	NA	NA	NA	NA	NA				

PER = Perimeter

KEY TO ABBREVIATIONS

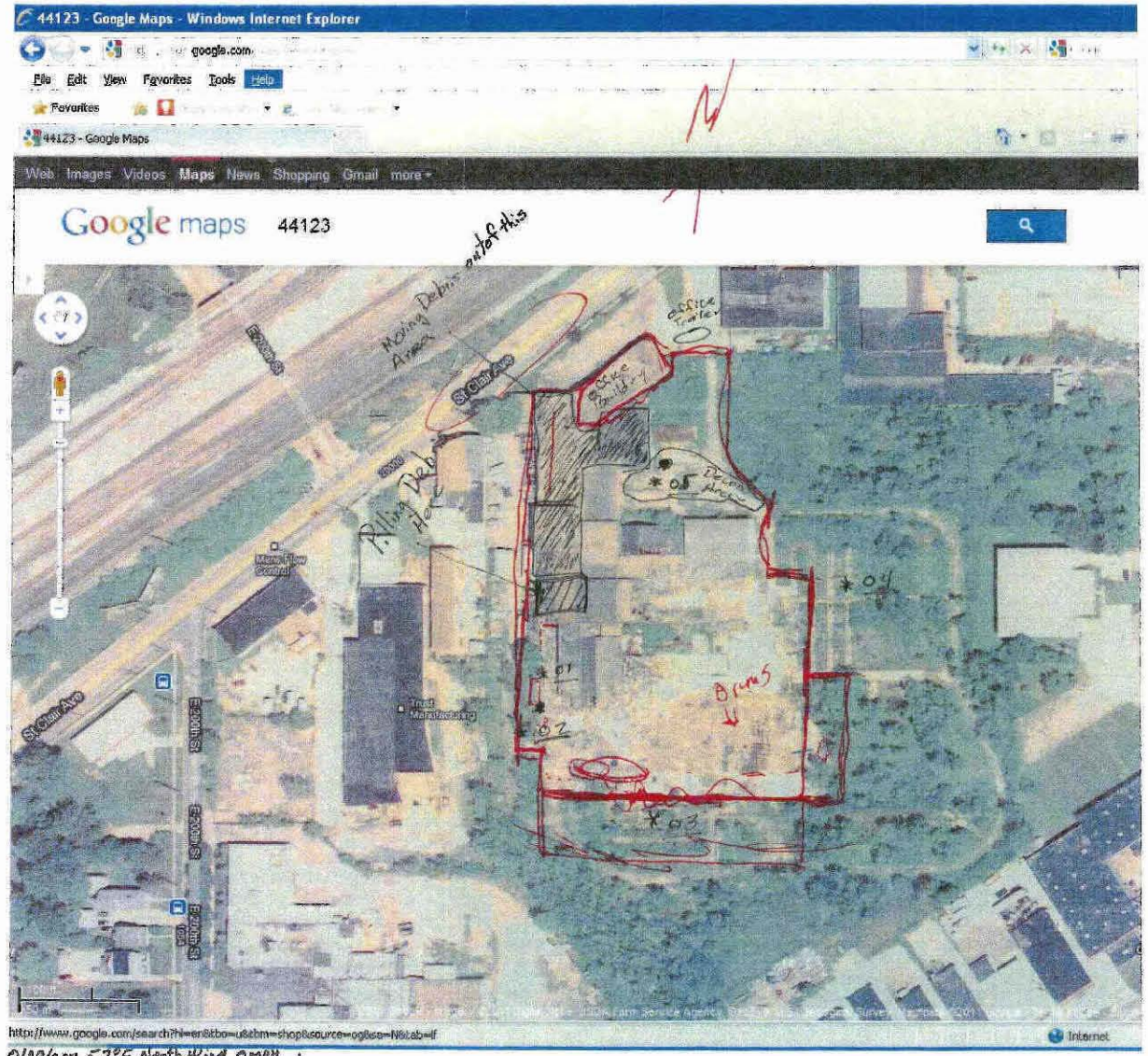
SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	IWA = inside work area	GLBG = glovebag
BGR = background	OWA = outside work area	W.O = waste load-out
		HM = half mask
		FF = full face
		P = powered
		APR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

Comments Moving Debris inside Building

Sampled by [signature] Date 8/29/11

JLLP-PRECISION000396

sca Piscazzi Gary Thomas



8/29/2011 52°F North Wind 0mph
72°F NW Wind 7mph

8/29/11

57-72 Wind NW-NW mph

2 Worker Setup Truck Decon
2 Worker inside NW Heavy Debris

5 area Samples
6 Personal samples

JLLP-PRECISION000397

RCS Environmental Group

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

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

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

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

___ OWNER
___ CONTRACTOR
___ RCS OFFICE
___ FIELD OFFICE
___ LABORATORY
___ _____

REPORTED BY. Cecil Brannon

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

SAMPLE I.D.	SAMPLE TYPE	WORKERS NAME	SOCIAL SECURITY #	LOCATION	ACTIVITY	RESPIRATOR TYPE
083111 - 01	Perimeter			Westside Southwest @ West Gate	CLN	HM
083111 - 02	Perimeter			Southend Center of South	CLN	HM
083111 - 03	Perimeter			Eastside Center	CLN	HM
083111 - 04	Perimeter			Northside of Decon Area	CLN	HM
083111 - 05	FB			Field Blank		

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
083111 - 01	49	3.0	3.0	3.0	0721	1456	455	1365				
083111 - 02	99	3.0	3.0	3.0	0725	1453	448	1344				
083111 - 03	87	3.0	3.0	3.0	0730	1449	439	1317				
083111 - 04	RCS-03	4.0	4.0	4.0	0859	1502	363	1452				
083111 - 05	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = field blank	WA = [illegible] work area	HM = half mask
BG = background	OWA = outside work area	FF = full face
		P = powered
		= air pu... esp.
		waste

Comments Moving Debris Southeast outside

Sampled by [signature] Date 8/31/2011

reviewed by

JLLP-PRECISION000399

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm³ (Blank Corr)	LOQ FIBERS/ cm³	FIBER/cm³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
083111-06	P01	2.0	2.0	2.0	0712	0744	32	64				
083111-07	P01	2.0	2.0	2.0	0744	1510	446	892				
083111-08	P02	2.0	2.0	2.0	0711	0743	36	64				
083111-09	P02	2.0	2.0	2.0	0743	1510	447	894				
083111-10	NA	NA	NA									

KEY TO ABBREVIATIONS

SAMPLE TYPE		ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal	HM = half mask
HEX = hepa exhaust	EXC = excursion	CLN = clean-up	FF = full face
FB = [illegible] blank	[illegible]WA = [illegible] work area	[illegible] = glovebag	P = powered
BG[illegible] = background	[illegible]WA = [illegible] work a[illegible]	[illegible] waste	[illegible] = air p[illegible] esp.

Comments Moving Debris into Pills Southeast outside

Sampled by [signature] Date 8/31/2011

Approved by

JLLP-PRECISION000400

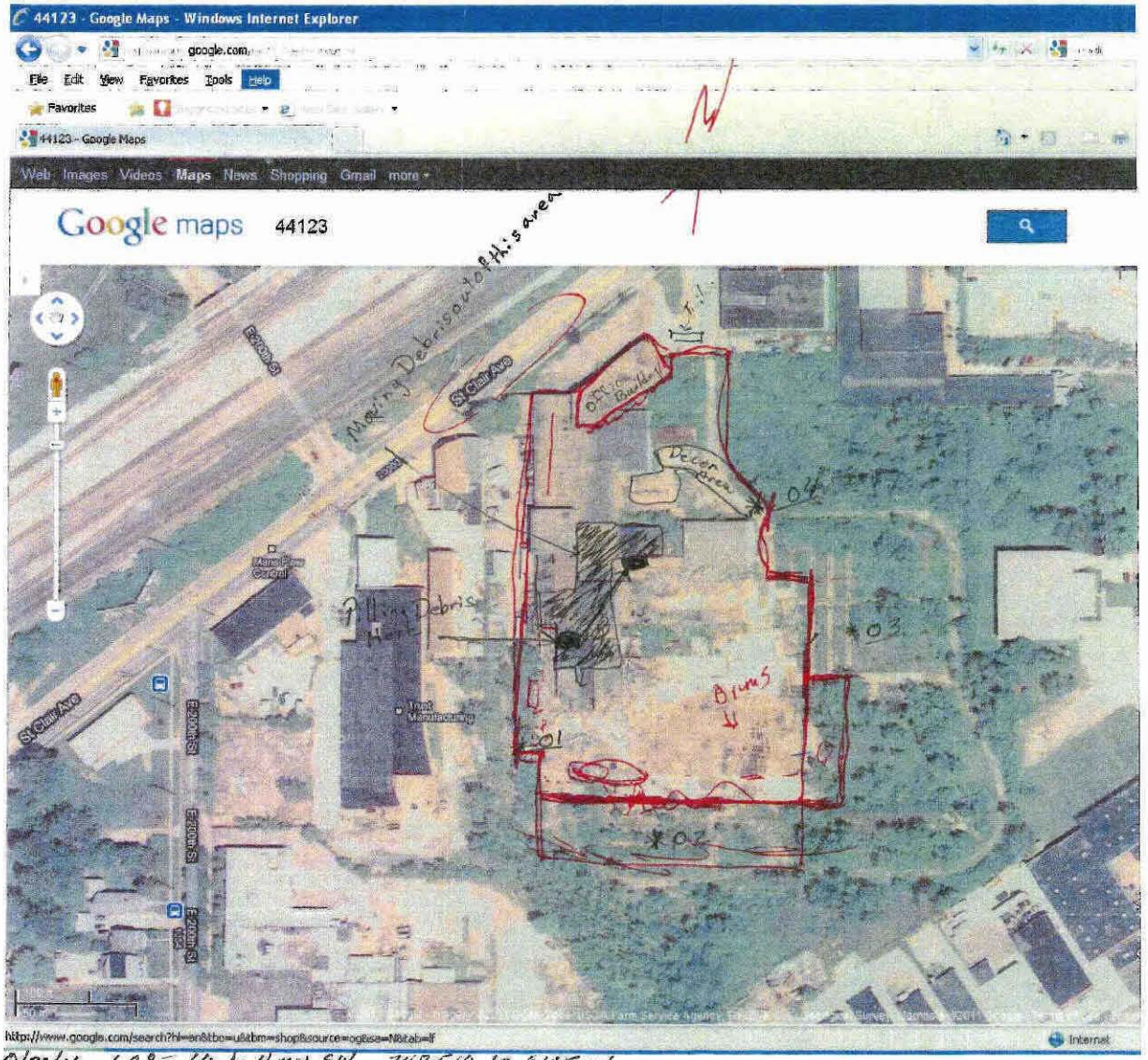
sca Piscazzi Gary Thomas

8/30/11

Temp. 62°-74°
SW 4-5 mph

(4 Perimeters) Samples
4 Personal

Moving Debris w Bobcat
4 Workers



RCS Environmental Group

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

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yate on-site for Precision with 3 Workers Work is to Consol: date debris into Pills and Weston Solution on-site. Temp 62°F Winds SW 4MPH
0880 Cecil Brannon S.ite Air Samples and Presonals 3Worke Wearing tyvek suits & Half face Repators 1 Worke use water Hose from water Truck to wet 2Worker use Bedcats To move debris in to Pile work is in Building South west
1200 Lunch
1200 Worker Suit up enter work area to consolidate debic into pills 1Worker Wetting Debris 2 use Bobcat to move debris into pills
1500 Cecil Brannon Collect Air Samples
1530 Precision Weston Solution and RCS off-site

Temp 74°F Winds SW 5mph

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

___ OWNER
___ CONTRACTOR
___ RCS OFFICE
___ FIELD OFFICE
___ LABORATORY
___ _____

REPORTED BY: [signature]

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm³	FIBER/cm³ (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
083011- 06	P02	2.0	2.0	2.0	0729	1432	423	846				
083011- 07	P02	2.0	2.0	2.0	1432	1508	36	72				
083011- 08	P01	2.0	2.0	2.0	0731	1435	424	848				
083011- 09	P01	2.0	2.0	2.0	1435	1507	31	62				
083011- 10	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE		ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal	HM = half mask
HEX = hepa exhaust	EXC = excursion	CLN = clean-up	FF = full face
FB = field blank	WA = inside work area	GLBG = glovebag	P = powered
BG = background	OWA = [illegible] work a[illegible]	waste	= air p[illegible] resp.

Comments

Sampled by [signature] Date 8/30/11

JLLP-PRECISION000403

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
083011 - 01	49	3.0	3.0	3.0	0742	1457	435	1305 1305				
083011 - 02	99	3.0	3.0	3.0	0745	1500	435	1305				
083011 - 03	87	3.0	3.0	3.0	0748	1503	435	1306				
083011 - 04	79	3.0	3.0	3.0	0751	1505	434	1302				
083011 - 05	NA	NA	NA	NA	NA	NA						

KEY TO ABBREVIATIONS

SAMPLE TYPE
PRS = personal
HEX = hepa exhaust
FB = field blank
BGD = background
FC = final clearance
EXC = excursion
IWA = inside work area
OWA = outside work area

ACTIVITY
REM = removal
CLN = clean-up
GLBG = glovebag
WLO = waste load-out
PREP = site prep

RESPIRATOR
HM = half mask
FF = full face
P = powered
APR = air purifying resp.
SA = supplied air

Comments

Sampled by Carl Date 8/30/11

Analyzed by Date

JLLP-PRECISION000404

sca Piscazzi Gary Thomas

8/31/2011 66.°F Wind SE 5mph
84°F Wind SE 7mph

8/31/2011
Temp 66°F-84
SE 5-7mph

(4 Perimeters
4 Personal) Samples
Moving Debris 2 Bobcats
1 Backhoe
5 Workers
Cleveland EPA on-site
EnviroServe on-site for Drums

JLLP-PRECISION000405

RCS Environmental Group

DATE: 9/1/2011
PROJECT: [redacted] Cleveland Trencher
FIELD REPORT No.: 8
PAGE

ASBESTOS DAILY FIELD REPORT

FIELD OBSERVATIONS:

0700 Cecil Brannon on-site for RCS Kenny Yates for with Precision with 4 Workers Work will be 1 Worker final Poling the window of Office Building. 2 Worker on Bobcat 1 Worker on Backhole moving debris into Pills in the southend of the Site on the slab. 1 Worker is using a water hose from a water truck to keep debris wet. Weston Solution is on site Temp 71°F Rian Wind SW @ 7mph.
0800 Cecil Brannon set Air Samples
1100 Al Richerson of ODH on site meets with Kenny Yates go over Paperwork then wall The site with Precision RCS talk about the pased of the site [redacted]
1200 Precision stop for Lunch
1300 Precision 4 Worker suit up 1 Worker on water hose 2 Worker on Bobcats moving debris into Pills in the southend on the slab. 1 Worker Working on Truck Decon.
1330 Al Richerson of ODH off-site found NO Problem at this time but have Questions on the debris in the southend Passed the prathoned work area.
1430 Cecil Brannon Collect Air Samples
1500 Work Shower and put away equipment
1570 RCS Precision and Weston Solution off-Site

INFORMATION OR ACTION REQUIRED BY CONTRACTOR:

INFORMATION OR ACTION REQUIRED BY RCS:

INFORMATION OR ACTION REQUIRED BY THE OWNER:

DISTRIBUTION

___ OWNER
___ CONTRACTOR
___ RCS OFFICE
___ FIELD OFFICE
___ LABORATORY
___ _____

REPORTED BY: Cecil Brannon

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090111 - 06	P01	2.0	2.0	2.0	0738	1431	413	826				
090111 - 07	P01	2.0	2.0	2.0	1431	1508	37	74				
090111 - 08	P02	2.0	2.0	2.0	0740	1435	415	830				
090111 - 09	P02	2.0	2.0	2.0	1435	1506	31	62				
090111 - 10	NA	NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal	HM = half mask
HEX = hepa exhaust	EXC = excursion	CLN = clean-up	FF = full face
FP = field blank	IWA = inside work area	GLBG = glovebag	P = powered
BK = background	OWA = outside work area	waste	= air p resp.

Comments Moving Debris into Pills Southend of Slab

Sampled by Carl Zill Date 9/1/2011

JLLP-PRECISION000407

RCS Environmental Group

ASBESTOS AIR MONITORING REPORT

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

DESCRIPTIVE INFORMATION

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

ANALYTICAL INFORMATION

SAMPLE I.D.	PUMP #	CALIB. FLOW RATE (L/min)			RUNNING TIME (min)			VOLUME (Liters)	FIBERS/ FIELDS	FIBERS/ mm² (Blank Corr)	LOQ FIBERS/ cm²	FIBER/cm² (Blank Corr)
		BEGINNING	END	AVERAGE	START	STOP	DURATION					
090111 - 01	49	3.0	3.0	3.0	0901	1448	407	1221				
090111 - 02	97	3.0	3.0	3.0	0905	1450	405	1215				
090111 - 03	76	3.0	3.0	3.0	0913	1454	402	1206				
090111 - 04	RCS-03	4.0	4.0	4.0	0820	1500	400	1600				
090111 - 05		NA	NA	NA	NA	NA	NA	NA				

KEY TO ABBREVIATIONS

SAMPLE TYPE	ACTIVITY	RESPIRATOR
PRS = personal	FC = final clearance	REM = removal
HEX = hepa exhaust	EXC = excursion	CLN = clean-up
FB = blank	NA = ir[illegible]rk area	= glove[illegible]
BGD = background	OWA = outside work ar[illegible]	= waste [illegible]
		HM = half mask
		FF = full face
		= powered
		= air p[illegible] eap.

Comments Moving Debri in to Pill in the South

Sampled by _____ Date 9/1/2011

Reviewed by _____

JLLP-PRECISION000408