



30553 Wixom Road, Suite 500 • Wixom, Michigan 48393 • Voice: 248.926.3800 • Fax: 248.926.3838
105 Bradford Road, Suite 320 • Wexford, PA 15090 • Voice: 412.463.6576

Environmental Services, Inc.

January 23, 2019

Mr. Mark St. Cyr
Safety Manager
Adamo Group, Inc.
320 E. 7 Mile Road
Detroit, MI 48203

**RE: ASBESTOS, LEAD AND SILICA AIR MONITORING DOCUMENTATION
LAFAYETTE WEST
1401 RIVARD STREET
DETROIT, MICHIGAN
PERFORMANCE PROJECT #191131**

Dear Mr. St. Cyr:

In accordance with your request, Performance Environmental Services, Inc. (*Performance*) provided air monitoring services during demolition activities at Lafayette West located at 1401 Rivard Street in Detroit, Michigan. Demolition and air monitoring activities were performed on January 10, 2019.

As part of our **asbestos** air monitoring services, area and personal samples were collected and *Performance* provided PCM analysis. The samples indicated fiber concentrations were below the OSHA Permissible Exposure Limits of 1.0 f/cc for a 30-minute excursion and 0.1 f/cc for an 8-hour time-weighted average (TWA).

Next, *Performance* collected personal and area samples for **lead** during demolition activities. The samples were analyzed using Atomic Absorption (AA) NIOSH 7082 and the results indicated concentrations were below the OSHA Action Level of 30 $\mu\text{g}/\text{m}^3$ and the PEL of 50 $\mu\text{g}/\text{m}^3$ for an 8-hour TWA.

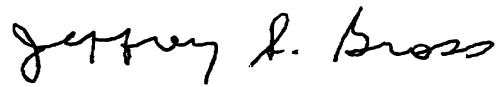
Finally, *Performance* collected one (1) personal sample and one (1) area sample for respirable dust levels of crystalline cristobalite and quartz during the demolition activities. The samples were collected utilizing constant flow low volume sampling pumps at 2.5 liters per minute with an aluminum cyclone attached to a cassette with a 5 micrometers (μm) pore size Poly Vinyl Chloride (PVC) membrane in accordance with NIOSH 7500 methodology. The sample duration and average flow rate were used to calculate a total volume (refer to the attached Chain of Custody). The samples were submitted to an accredited laboratory for analysis and the results indicated that the personal samples were below the Action Level of 25 $\mu\text{g}/\text{m}^3$ and the PEL level of 50 $\mu\text{g}/\text{m}^3$ which are the regulatory standards published by the Occupational Safety and Health Administration (OSHA).

Attached, please find the daily field report, PCM laboratory report, laboratory data reports and analytical laboratory reports. If there are any questions or comments concerning this report, please feel free to contact us.

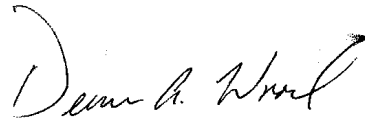
Asbestos, Lead and Silica Air Monitoring Documentation
Adamo – Lafayette West
1401 Rivard Street, Detroit, MI
Performance Project #191131
January 23, 2019
Page 2

Sincerely,

PERFORMANCE ENVIRONMENTAL SERVICES, INC.



Jeffrey S. Gross
Senior Project Manager



Dennis A. Wood
Senior Project Manager

JSG/DAW:hr

Attachments

Performance <i>Environmental Services, Inc.</i>		DAILY FIELD REPORT						
		Project #:	191131	Date:	01/10/2019			
Project Name:	Lafayette West - 1401 Rivard Street	Client:	Adamo Group Inc					
City, State:	Detroit, MI	Contractor:	Adamo Group Inc					
Field Personnel:	Brett Rebb	Time on Site:	8:00 AM to 4:30 PM	Client Project #:	(if provided)			
SAMPLING		REGULATORY COMPLIANCE/WORK PRACTICES						
<input checked="" type="checkbox"/> Asbestos <input type="checkbox"/> Cadmium <input type="checkbox"/> Chromium <input checked="" type="checkbox"/> Lead <input checked="" type="checkbox"/> Silica <input type="checkbox"/> Other/None		OSHA Warning Sign/Barrier Tape	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input type="checkbox"/>
<input type="checkbox"/> Background (BKG) <input type="checkbox"/> Clearance (CL)		NPE or Flooring Containment	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/> Outside Work Area (OWA) <input checked="" type="checkbox"/> Personal (PBZ)		Glovebag Removal	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
<input type="checkbox"/> Inside Work Area (IWA) <input checked="" type="checkbox"/> Excursion Limit (STEL)		Mini-enclosure	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
<input type="checkbox"/> Area/Clearance (IWA/CL or OWA/CL) <input type="checkbox"/> Other:		Patch & Repair or Debris Cleanup	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
<input type="checkbox"/> AHERA TEM Clearance (CL-Inside, CL-Outside, CL-L-Blank, CL-F-Blank)		Chemical Mastic Removal	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
HYGIENE FACILITY/DECONTAMINATION		Non-Chemical Mastic Removal	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
Shower Decontamination:	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> NA <input type="checkbox"/>	Torch Cutting or Needlegun	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
Adjacent Dropcloth Decontamination:	YES <input type="checkbox"/> NO <input type="checkbox"/> NA <input checked="" type="checkbox"/>	Wet Methods	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
Handwashing Station (non-asbestos):	YES <input type="checkbox"/> NO <input type="checkbox"/> NA <input checked="" type="checkbox"/>	HEPA Vacuuming	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
Other:		Air Filtration Device(s) Used	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
WORK ACTIVITIES		Electrical GFCI Used	YES	<input type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input checked="" type="checkbox"/>
1. Structural Demolition	2. _____	Visible Emissions (asbestos only)	YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>	NA	<input type="checkbox"/>
3. _____	4. _____	Waste Removed from Site	YES	<input checked="" type="checkbox"/>	NO	<input type="checkbox"/>	NA	<input type="checkbox"/>
LABORATORY RESULTS								
Asbestos Air Monitoring (STEL, PBZ)**:		≤ 0.1 f/cc (8-hr TWA) and ≤ 1.0 f/cc (30-min STEL) _____						
Asbestos Air Monitoring (BKG, OWA):		<0.05 f/cc (MLARA) and ≤0.01 f/cc (EPA) or ≤LOD _____						
Asbestos Air Monitoring (IWA):		NONE _____						
Asbestos Air Monitoring (CL, IWA/CL, OWA/CL):		NONE _____						
Lead Air Monitoring:	≤ 50 µg/m3 (8-hr TWA) and ≤ 30 µg/m3 (action)	Cadmium Air Monitoring:	NONE					
Chromium Air Monitoring:	NONE	Hex Chromium Air Monitoring:	NONE					
Silica Air Monitoring:	< 50 µg/m3 (PEL) and < 25 µg/m3 (action level)	Other:						
** STEL and PBZ sample results reflect exposure if wearing respiratory protection (applying OSHA Assigned Protection Factor)								
TODAY'S REQUIRED PAPERWORK								
<input checked="" type="checkbox"/> PCM Laboratory Data Report		<input checked="" type="checkbox"/> Sign -in Sheet						
<input type="checkbox"/> TEM Laboratory Data Report		<input checked="" type="checkbox"/> Site Specific Respiratory Protection Program						
<input checked="" type="checkbox"/> Lead/Cadmium/Chromium Laboratory Data Report		<input type="checkbox"/> Asbestos Clearance Statement						
<input type="checkbox"/> Hexavalent Chromium Laboratory Data Report		<input type="checkbox"/> Asbestos Clearance Map						
<input checked="" type="checkbox"/> Silica Laboratory Data Report		<input type="checkbox"/> Other						
Reason Particular Document Was Not Collected:								
FIELD COMMENTS:								
<ul style="list-style-type: none"> Structural demolition. Monitored operator and outside work area downwind of activity. 								

Performance

PHASE CONTRAST MICROSCOPY LABORATORY REPORT

Environmental Services, Inc.

PROJECT#: 191131

CLIENT: Adamo Group Inc

DATE COLLECTED: 01/10/19

PROJECT: Lafayette West - 1401 Rivard Street

METHOD: NIOSH 7400

CITY, STATE: Detroit, MI CONTRACTOR: Adamo Group Inc

MATERIAL: FIBERS

Sample Type	Sample #	TWA Group	Name	ID #	General Description of Activity	Pump ID	Time (min)	Flow (liters/min)	Volume (liters)	Fibers/Field (F/f)	RESULT* (f/cc)
STEL	01*10-01	1	Carl Collier		Operator during wrecking	57-187	30	2.0	60	0 / 100	<0.045
PBZ	01*10-02	1	Carl Collier		Operator during wrecking	57-187	450	2.0	900	0 / 100	<0.003
OWA	01*10-03				Downwind during wrecking	57-280	480	2.0	960	0 / 100	<0.0028

SAMPLE TYPES		MICROSCOPE CALIBRATION	Yes / No	QUALITY CONTROL	NUMBER	FIBERS/FIELD	FIBERS/CC
PBZ = Personal Breathing Zone	BKG = Background	1. Field Iris Checked	Yes	FIELD BLANKS	A	0 / 100	NA
STEL = Short Term Exposure Limit	CL = Clearance	2. Phase Rings Checked	Yes		B	0 / 100	
IWA = Inside Work Area	IWA/CL = Inside Work Area/Clearance	3. Resolution (HSE-NPL Test Slide)	Yes	BLIND RECOUNT	01*10-03	0 / 100	<0.0028
OWA = Outside Work Area	OWA/CL = Outside Work Area/Clearance	* Results based on laboratory Limit of Detection (LOD) of 5.5 fibers. NOTE: f/cc = fibers/cubic centimeter.					

GROUP 1		GROUP 2		GROUP 3	
RESPIRATOR: None	RESPIRATOR:	RESPIRATOR:	RESPIRATOR:	RESPIRATOR:	RESPIRATOR:
REPRESENTS: Randy Schuler	REPRESENTS:	REPRESENTS:	REPRESENTS:	REPRESENTS:	REPRESENTS:
TOTAL TIME (minutes) 480	TOTAL TIME (minutes)	TOTAL TIME (minutes)	TOTAL TIME (minutes)	TOTAL TIME (minutes)	TOTAL TIME (minutes)
8-HR TWA (f/cc) [no respirator] < 0.0056	8-HR TWA (f/cc) [no respirator]	8-HR TWA (f/cc) [no respirator]	8-HR TWA (f/cc) [no respirator]	8-HR TWA (f/cc) [no respirator]	8-HR TWA (f/cc) [no respirator]
8-HR TWA (f/cc) [with respirator] < -----	8-HR TWA (f/cc) [with respirator]	8-HR TWA (f/cc) [with respirator]	8-HR TWA (f/cc) [with respirator]	8-HR TWA (f/cc) [with respirator]	8-HR TWA (f/cc) [with respirator]

Technician 1: Brett Rebb

Technician 2:

NOTES:

Performance

LABORATORY DATA REPORT [CADMIUM, CHROMIUM*, LEAD]

Environmental Services, Inc.

PROJECT#: 191131

CLIENT: Adamo Group Inc

DATE COLLECTED: 01/10/19

PROJECT: Lafayette West - 1401 Rivard Street

LOCATION (CITY, STATE): Detroit, MI

CONTRACTOR: Adamo Group Inc

SAMPLE TYPE	SAMPLE NUMBER	TWA GROUP	NAME	LOCATION / ACTIVITY	PUMP ID	TIME (min)	FLOW (liters/min)	VOLUME (liters)	ANALYZED / RESULT		
									Cadmium ($\mu\text{g}/\text{m}^3$)	Chromium (mg/m^3)	Lead ($\mu\text{g}/\text{m}^3$)
PBZ	01*10-01	1	Carl Collier	Operator during wrecking	57-281	480	2.0	960			0.00
OWA	01*10-02			Downwind during wrecking	57-153	480	2.0	960			0.00

SAMPLE TYPES		REGULATORY LIMITS			FIELD BLANKS			
TYPE	DESCRIPTION	CADMIUM	CHROMIUM	LEAD	DETAILS	CADMIUM	CHROMIUM	LEAD
PBZ	Personal Breathing Zone	Permissible Exposure Limit (PEL) / Action Level (AL):				Results (μg)	Results (mg)	Results (μg)
IWA	Inside Work Area	8-hour PEL = $5 \mu\text{g}/\text{m}^3$	8-hour PEL = $1 \text{mg}/\text{m}^3$	8-hour PEL = $50 \mu\text{g}/\text{m}^3$				
OWA	Outside Work Area	Action Level (AL) = $2.5 \mu\text{g}/\text{m}^3$	No Action Level (AL)	Action Level (AL) = $30 \mu\text{g}/\text{m}^3$	Field Blank #A:			
BKG	Background				Field Blank #B:			

TIME WEIGHTED AVERAGE INFORMATION:								
GROUP 1			GROUP 2			GROUP 3		
RESPIRATOR:	None		RESPIRATOR:			RESPIRATOR:		
REPRESENTS:	Randy Schuler		REPRESENTS:			REPRESENTS:		
TOTAL TIME (minutes)	480		TOTAL TIME (minutes)			TOTAL TIME (minutes)		

LABORATORY RESULTS:								
Cadmium TWA ($\mu\text{g}/\text{m}^3$) (no respirator)		Cadmium TWA ($\mu\text{g}/\text{m}^3$) (no respirator)		Cadmium TWA ($\mu\text{g}/\text{m}^3$) (no respirator)		Cadmium TWA ($\mu\text{g}/\text{m}^3$) (no respirator)		
Chromium TWA (mg/m^3) (no respirator)		Chromium TWA (mg/m^3) (no respirator)		Chromium TWA (mg/m^3) (no respirator)		Chromium TWA (mg/m^3) (no respirator)		
Lead TWA ($\mu\text{g}/\text{m}^3$) (no respirator)	0.00	Lead TWA ($\mu\text{g}/\text{m}^3$) (no respirator)		Lead TWA ($\mu\text{g}/\text{m}^3$) (no respirator)		Lead TWA ($\mu\text{g}/\text{m}^3$) (no respirator)		
Cadmium TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	Cadmium TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	Cadmium TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	Cadmium TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	
Chromium TWA (mg/m^3) (with respirator)	-----	Chromium TWA (mg/m^3) (with respirator)	-----	Chromium TWA (mg/m^3) (with respirator)	-----	Chromium TWA (mg/m^3) (with respirator)	-----	
Lead TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	Lead TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	Lead TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	Lead TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	

* This form does not include Hexavalent Chromium.

NOTES:

Technician: Brett Rebb

Technician: _____



Certificate of Analysis - Metals in Air



Method: NIOSH 7082M

Project: Lafayette West - 1401 Rivard Street

Project #: 191131

Report to:

Mr. Brett Rebb
Performance Environmental Services, Inc.
30553 Wixom Rd., Ste. 500
Wixom, MI 48393

ARL Report #: 19-L16340

Date Sampled: 01/10/19

Date Received: 01/14/19

Date Analyzed: 01/14/19

Date Reported: 01/15/19

Laboratory ID:	Client ID:	Volume:	Lead:	
L16340-01	01*10-01	960 L	Pb -	ND
	PBZ: Operator During Wrecking		RL -	3.2 µg/m³
L16340-02	01*10-02	960 L	Pb -	ND
	OWA: Downwind During Wrecking		RL -	3.2 µg/m³

Pb Reporting Limit = 3.0 µg/filter. Sample reporting limits may vary based on volume of air sampled. µg/filter (RL) = µg/m³ x volume sampled (m³). APEX Research is not responsible for sample collection activities. Methods have been slightly modified. This certificate of analysis relates only to the samples tested and to ensure the integrity of the results, may only be reproduced in full. Liability limited to cost of analysis. No field blanks were submitted for analysis. NIOSH 7082 specifies that at least two should be submitted per set. Results are not blank-corrected unless otherwise noted. APEX Research, Inc. (Laboratory ID# 227441) is accredited by the AIHA Laboratory Accreditation Programs, LLC (AIHA-LAP, LLC) in the Environmental Lead Laboratory Accreditation Program for Lead in Air as documented by the Scope of Accreditation Certification and associated Scope.

Robert T. Letarte Jr., Laboratory Director

Apex # L16340

CHAIN OF CUSTODY

Performance Environmental Services, Inc.

PROJECT#: 191131 PROJECT: Lafayette West - 1401 Rivard Street CLIENT: Adamo Group Inc DATE COLLECTED: 01/10/19 LOCATION (CITY, STATE): Detroit, MI

SAMPLE TYPE	SAMPLE NUMBER	MATERIAL DESCRIPTION/SAMPLING LOCATION	VOLUME (liters)	Lead (NIOSH 7082)	Cadmium (NIOSH 7048)	Chromium (NIOSH 7024)	Other	Other	Other
PBZ	01*10-01	Operator during wrecking	960	X					
OWA	01*10-02	Downwind during wrecking	960	X					
FB	A	FIELD BLANK A SUBMITTED	-		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No			
FB	B	FIELD BLANK B SUBMITTED	-		<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No			
SAMPLES RELINQUISHED BY:		DATE:		SAMPLES ACCEPTED BY:		DATE:			
<i>Brett Rebb</i>		1/11/19		<i>S.J.W. 1/14/19 0914</i>		JAN 14 2019			
NOTIFY WITH RESULTS VIA:		TURNAROUND TIME:		APEX RESEARCH 24 hours					
Email: labdata@perform-env.com									

NOTES:

Technician: Brett Rebb

Technician:

Performance

Environmental Services, Inc.

LABORATORY DATA REPORT [RESPIRABLE CRYSTALLINE SILICA]

PROJECT#: 191131 CLIENT: Adamo Group Inc DATE COLLECTED: 01/10/19
 PROJECT: Lafayette West - 1401 Rivard Street LOCATION (CITY, STATE): Detroit, MI CONTRACTOR: Adamo Group Inc

SAMPLE TYPE	SAMPLE NUMBER	TWA GROUP	NAME	LOCATION / ACTIVITY	PUMP ID	TIME (min)	FLOW (liters/min)	VOLUME (liters)	ANALYZED / RESULT	
									Respirable Crystalline Silica ($\mu\text{g}/\text{m}^3$)	
PBZ	01*10-01	1	Carl Collier	Operator during wrecking	57-231	480	2.5	1200	<	8.30
OWA	01*10-02			Downwind during wrecking	57-244	480	2.5	1200	<	8.30

SAMPLE TYPES		REGULATORY LIMITS		FIELD BLANKS	
TYPE	DESCRIPTION	RESPIRABLE CRYSTALLINE SILICA		DETAILS	RESPIRABLE CRYSTALLINE SILICA
PBZ	Personal Breathing Zone	Permissible Exposure Limit (PEL) / Action Level (AL):		Field Blank #A: Field Blank #B:	Results (μg) 0.0 0.0
IWA	Inside Work Area	8-hour PEL = $50 \mu\text{g}/\text{m}^3$			
OWA	Outside Work Area	Action Level (AL) = $25 \mu\text{g}/\text{m}^3$			
BKG	Background				

TIME WEIGHTED AVERAGE INFORMATION:		
GROUP 1	GROUP 2	GROUP 3
RESPIRATOR: None REPRESENTS: Randy Schuler	RESPIRATOR: REPRESENTS:	RESPIRATOR: REPRESENTS:
TOTAL TIME (minutes) 480	TOTAL TIME (minutes)	TOTAL TIME (minutes)

LABORATORY RESULTS:					
Silica TWA ($\mu\text{g}/\text{m}^3$) (no respirator)	<	8.30	Silica TWA ($\mu\text{g}/\text{m}^3$) (no respirator)		Silica TWA ($\mu\text{g}/\text{m}^3$) (no respirator)
Silica TWA ($\mu\text{g}/\text{m}^3$) (with respirator)		-----	Silica TWA ($\mu\text{g}/\text{m}^3$) (with respirator)	-----	Silica TWA ($\mu\text{g}/\text{m}^3$) (with respirator)

NOTES:

Technician: Brett Rebb
 Technician: _____



Your Project #: 191131

Attention: Brett Rebb

PERFORMANCE ENVIRONMENTAL SERVICES, INC.
30553 South Wixom Road
Suite 500
MI
USA 48393

Report Date: 01/21/2019
Report #: R5564969
Version: 1 - Final

ANALYTICAL REPORT

MAXXAM JOB #: B910319

Received: 01/14/2019, 00:00

Sample Matrix: Air
Samples Received: 4

Analyses	Quantity	Date Analyzed	Laboratory Method	Reference
Silica by NIOSH 7500-PVC filter (1)	4	01/18/2019	Crystalline Silica by NIOSH 7500	NIOSH 7500

This report shall not be reproduced except in full, without the written approval of the laboratory.
Results relate only to the items tested.

Reference Method suffix "m" indicates test methods incorporate validated modifications from specific reference methods to improve performance.

(1) Tridymite: A NIST-traceable standard is not available for tridymite. If tridymite is detected, the result is estimated and intended solely for information purposes.

Total (Quartz & Cristobalite): If one silica polymorph is positive, but the total is less than (<) the reporting limit, then the data user needs to decide which value is appropriate for their situation.

Encryption Key

Please direct all questions regarding this Analytical Report to your Project Manager.
Scott Caillouette, Manager, Customer Service
Email: Scaillouette@maxxamlabs.com
Phone# (248) 344-1770

=====

Maxxam has procedures in place to guard against improper use of the electronic signature and have the required "signatories", as per section 5.10.2 of ISO/IEC 17025:2005(E), signing the reports.

ANALYTICAL RESULTS

Client ID: 01*10-01		Matrix: Air			
Maxxam ID: ITB681		Sample Media: 5 MICR W/PAD PW 3 PC CASS			
Date Sampled: 01/10/2019		Air Volume (L): 1200			
ANALYTE	Mass ug	Concentration ug/m3	RL ug	Test Method	Date Analyzed
Quartz	<5.0	<4.2	5.0	NIOSH 7500	01/18/2019
Cristobalite	<5.0	<4.2	5.0	NIOSH 7500	01/18/2019
Total (Quartz and Cristobalite)	<10	<8.3	10	NIOSH 7500	01/18/2019
RL = Reporting Limit					

Client ID: 01*10-02		Matrix: Air			
Maxxam ID: ITB682		Sample Media: 5 MICR W/PAD PW 3 PC CASS			
Date Sampled: 01/10/2019		Air Volume (L): 1200			
ANALYTE	Mass ug	Concentration ug/m3	RL ug	Test Method	Date Analyzed
Quartz	<5.0	<4.2	5.0	NIOSH 7500	01/18/2019
Cristobalite	<5.0	<4.2	5.0	NIOSH 7500	01/18/2019
Total (Quartz and Cristobalite)	<10	<8.3	10	NIOSH 7500	01/18/2019
RL = Reporting Limit					

Client ID: FIELD BLANK 1		Matrix: Air			
Maxxam ID: ITB683		Sample Media: 5 MICR W/PAD PW 3 PC CASS			
Date Sampled:					
ANALYTE	Mass ug	Concentration ug/m3	RL ug	Test Method	Date Analyzed
Quartz	<5.0	N/A	5.0	NIOSH 7500	01/18/2019
Cristobalite	<5.0	N/A	5.0	NIOSH 7500	01/18/2019
Total (Quartz and Cristobalite)	<10	N/A	10	NIOSH 7500	01/18/2019
RL = Reporting Limit					

Client ID: FIELD BLANK 2		Matrix: Air			
Maxxam ID: ITB684		Sample Media: 5 MICR W/PAD PW 3 PC CASS			
Date Sampled:					
ANALYTE	Mass ug	Concentration ug/m3	RL ug	Test Method	Date Analyzed
Quartz	<5.0	N/A	5.0	NIOSH 7500	01/18/2019
Cristobalite	<5.0	N/A	5.0	NIOSH 7500	01/18/2019
Total (Quartz and Cristobalite)	<10	N/A	10	NIOSH 7500	01/18/2019
RL = Reporting Limit					

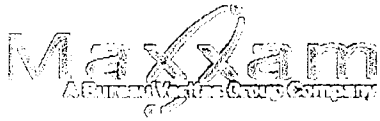
GENERAL COMMENTS

Unless otherwise noted below the following statements apply: 1) all samples were received in acceptable condition, 2) all quality control results associated with this sample set were within acceptable limits and /or do not adversely affect the reported results and 3) the industrial hygiene results have not been blank corrected.

Results relate only to the items tested.

BUREAU VERITAS NORTH AMERICA, Inc.
REQUEST FOR LABORATORY ANALYTICAL SERVICES

B910319



Chicago Lab
 95 Oakwood Road
 Lake Zurich, IL 60047
 (800) 806-5887
 (847) 726-3320

Detroit Lab
 22345 Roethel Drive
 Novi, MI 48375
 (800) 806-5887
 (248) 344-1770

Atlanta Lab
 3380 Chastain Meadows Pky, Ste 300
 Kennesaw, GA 30144
 (800) 806-5887
 (770) 499-7500

CONTACT LAB IN ADVANCE	
Need results by: _____ / _____ / _____	
Charges authorized? Yes No	
(if yes, initial here) _____	
Email results	Fax results

REPORT RESULTS TO	Name Brett Rebb	Client Job # 191131	PO # _____	Call for Credit Card Information	Direct Bill
	Department		Name		
	Company Performance Environmental Services		Company		
	Address 30553 Wixom Rd Suite 500		Address		
	City, State, Zip Wixom, MI 48393		City, State, Zip		
	Telephone 248-936-3800		Telephone		
	Email labdata@perform-env.com		Email		

Special instructions and/or specific regulatory requirements:
 (method, limit of detection, etc.)

No particulates: Quartz, Cristobalite and total

Number of Containers	ANALYSIS REQUESTED									
	(Enter an 'X' in the box below to indicate request. Enter a 'P' if Preservative added.)									

CLIENT SAMPLE IDENTIFICATION	DATE SAMPLED	TIME SAMPLED	MEDIA / MATRIX	AIR VOLUME (specify units)	Number of Containers	FOR LAB USE ONLY														
01*10-01	1/10/2019	480	untaredPVC	1200 Liters	1	X														
01*10-02	1/10/2019	480	untaredPVC	1200 Liters	1	X														
Field blank 1																				
Field blank 2																				

CHAIN OF CUSTODY	Collected by (print) <u>Brett Rebb</u>	Collector's Signature
	Relinquished by <u>Brett Rebb</u> Date/Time <u>1/11/18</u>	Received by _____ Date/Time _____
	Relinquished by _____ Date/Time _____	Received by <u>PM</u> Date/Time <u>1/14/19 11:32</u>
	Method of Shipment _____	Received at Lab by _____ Date/Time _____

