APPENDIX F:
HAZARDOUS MATERIALS

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

1
NW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000860685**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	A 473	Type:	Well
Description:	Not Reported	HUC:	02020006
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Sand and gravel aquifers (glaciated regions)		
Formation Type:	Sand	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	197
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: NY Radon

Radon Test Results

County	Town	Num Tests	Avg Result	Geo Mean	Max Result
ALBANY	ALBANY	459	1.73	1.17	26.7
ALBANY	BERNE	30	13.47	3.52	273.6
ALBANY	BETHLEHEM	383	2.35	1.46	41.1
ALBANY	COEYMANS	59	5.81	3.79	33.7
ALBANY	COHOES	143	3.14	1.66	36.8
ALBANY	COLONIE	489	3.62	1.86	57.9
ALBANY	GREEN ISLAND	5	6.8	4.26	18.9
ALBANY	GUILDERLAND	323	5.72	2.23	147.1
ALBANY	KNOX	16	4.16	2.33	18
ALBANY	NEW SCOTLAND	343	15.34	5.11	338.5
ALBANY	RENSSELAERVILLE	18	2.44	1.65	8.3
ALBANY	WATERVLIET	74	3.88	2.53	25.5
ALBANY	WESTERLO	21	4	2.46	20.1

Federal EPA Radon Zone for ALBANY County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for ALBANY COUNTY, NY

Number of sites tested: 141

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.780 pCi/L	92%	5%	3%
Basement	1.600 pCi/L	82%	17%	1%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

APPENDIX E
LOCAL RECORDS

Reference No: W021943-051424

Contact E-Mail: sschmid@akrf.com

Thank you for your interest in public records of the City of Albany. Your request is being reviewed, and could take up to 20 business days to be completed. Your request was received in this office on 5/14/2024 and given the reference number W021943-051424 for tracking purposes.

Under NYS Law, you may be charged $.25 per page for photocopying (if applicable), or other fees allowed under the Public Officers Law (our fee = $10/CD-DVD).

You can monitor the progress of your request under "My Requests". Again, thank you for using the Open Records Center.

Region 4 - Schenectady
P: 518 357-2046 | F:
www.dec.ny.gov

RE: PUBLIC RECORDS REQUEST of 5/10/2024, Reference # W130902-051024

Date: 06/03/2024

Dear Stephen Schmid,
In response to your Freedom of Information Law (FOIL) request seeking:

> *UPDATED:*
> *please provide any record pertaining to spills, permits and hazardous waste generation.*
> *Environmental Records for State Office Building Campus, 1220 Washington Avenue, Buildings 1 and 2, Albany, New York 12226.*

Please be advised that a diligent search of the files maintained by DEC produced no responsive records.

If you believe you have been unlawfully denied access to responsive records, you have the right to appeal. Any such appeal must be submitted in writing and within thirty (30) days of the date of this email. Appeals must be directed to:

FOIL Appeals Officer
Office of General Counsel
New York State Department of Environmental Conservation
625 Broadway, 14th Floor
Albany, NY 12233-1500

Your FOIL request is now closed. For further assistance, please call 518 357-2046 and reference FOIL #W130902-051024, or simply reply to this email. Thank you.

Sincerely,

Region 4 FOIL Coordinator
Chris Tappan

Reference No: R001902-051024

Account: sschmid@akrf.com

This message confirms receipt of your request. Your request was received in this office on 5/10/2024 and given the reference number R001902-051024 for tracking purposes.

Records Requested: Environmental records for State Office Building Campus, 1220 Washington Avenue, Buildings 1 and 2, Albany, New York 12226.

If you submitted a request for records outside of our normal business hours, your request will be marked as received on the next business day. The Department will acknowledge your request within five business days of the day it is marked as received.

You can monitor the progress of your request in the My Records Center and you will receive an email when your request has been completed.

Reference No: W021944-051424

Contact E-Mail: sschmid@akrf.com

Thank you for your interest in public records of the City of Albany. Your request is being reviewed, and could take up to 20 business days to be completed. Your request was received in this office on 5/14/2024 and given the reference number W021944-051424 for tracking purposes.

Under NYS Law, you may be charged $.25 per page for photocopying (if applicable), or other fees allowed under the Public Officers Law (our fee = $10/CD-DVD).

You can monitor the progress of your request under "My Requests". Again, thank you for using the Open Records Center.

Reference No: W021946-051424

Contact E-Mail: sschmid@akrf.com

Thank you for your interest in public records of the City of Albany. Your request is being reviewed, and could take up to 20 business days to be completed. Your request was received in this office on 5/14/2024 and given the reference number W021946-051424 for tracking purposes.

Under NYS Law, you may be charged $.25 per page for photocopying (if applicable), or other fees allowed under the Public Officers Law (our fee = $10/CD-DVD).

You can monitor the progress of your request under "My Requests". Again, thank you for using the Open Records Center.

Reference No: W021945-051424

Contact E-Mail: sschmid@akrf.com

Thank you for your interest in public records of the City of Albany. Your request is being reviewed, and could take up to 20 business days to be completed. Your request was received in this office on 5/14/2024 and given the reference number W021945-051424 for tracking purposes.

Under NYS Law, you may be charged $.25 per page for photocopying (if applicable), or other fees allowed under the Public Officers Law (our fee = $10/CD-DVD).

You can monitor the progress of your request under "My Requests". Again, thank you for using the Open Records Center.

APPENDIX F
USER QUESTIONNAIRE

Environmental Site Assessment – Site Questionnaire

Future Wadsworth Center, Albany NY

Please answer all questions to the best of your knowledge to support the findings of the Phase I Environmental Site Assessment (ESA) for the future Wadsworth Center (Tax Map ID # 53.00-1-2) site (the Subject Property). Please call with any questions or comments.

AKRF Contact: Stephen Schmid
Phone: 914-400-9736
Email: sschmid@akrf.com

Person completing questionnaire: Brad Hutton

Relationship to the Subject Property: OGS Associate Commissioner

Length of time associated with the Subject Property:

1. Please provide:

   - The reason why the Phase I ESA is being performed.

   - The type of Subject Property and type of Subject Property transaction (for example, sale, purchase, exchange, refinancing, etc.).

   - The complete and correct address for the Subject Property (a map or other documentation showing the Subject Property location and boundaries is helpful).

2. Please provide information regarding the history of the Subject Property, including past uses, deeds, sale/purchase prices, etc. ***Appropriation provided 5/28 and attached***

3. If the Subject Property is undergoing a transaction, does the purchase price being paid for the Subject Property reasonably reflect the fair market value of the Subject Property?

   ☐Yes ☐ No ☐ N/A ***No transaction***

   If you conclude that there is a difference, are you aware of whether the lower purchase price is because of an environmental issue or contamination that is known or believed to be present at the Subject Property?

4. Are you aware of any former studies that have been conducted at the Subject Property, including: geotechnical surveys, environmental site assessment reports, spill investigations/remediation reports, asbestos or lead abatement, former or current environmental permits, licenses, audits, investigations, community right-to-know plans, safety plans, preparedness and prevention plans, spill prevention

plans, countermeasure or control plans, or other documentation or correspondence concerning the Subject Property. If yes, please provide copies.

☐ Yes ☐ No ***Site demolition plans, documents, and project closeout files were provided, underground studies were provided, Campus control documents were previously provided***

5. Are you aware of any environmental liens or activity use limitations (such as engineering controls, land use restrictions, or institutional controls) that are in place at the Subject Property and/or have been filed or recorded against the Subject Property under federal, tribal, state, or local law?

No, environmental liens or related activity use limitations

☐ Yes ☐ No

6. Based on your knowledge and experience related to the Subject Property, are there any other obvious indicators that point to the presence or likely presence of releases or contamination at the Subject Property? Please provide any commonly known or reasonably ascertainable information about the Subject Property that would help the environmental professional identify conditions indicative of contamination, releases, or threatened releases. For example:

- Are you aware of any spills or other chemical releases that have taken place at the Subject Property?

No.

☐ Yes ☐ No

- Are you aware of any cleanups that have taken place at the Subject Property?

No.

☐Yes ☐ No

- Are you aware of any specific chemicals or petroleum products that are currently present or once were present at the Subject Property?

☐Yes ☐ No ***Not currently, previous demolition projects removed existing tanks***

- Are you aware of any former or current chemical or fuel oil storage, including storage tanks, chemical/pesticide/herbicide use, etc., at the Subject Property?

☐Yes ☐ No ***Not currently, previous demolition projects removed existing tanks***

- Are you aware of the presence of any historic fill, construction and demolition debris, ash, dredge spoils, etc.?

☐Yes ☐ No ***Yes, previous demolition projects and abandoned underground utilities have been provided***

7. Please provide any information you have on former and/or current buildings, utilities, and operations, including past and present:

- Water:
- Electric:
- Gas/fuel oil:
- Heating and cooling systems:
- Sewer or septic/cesspool:
- Trash collection:
- Hazardous materials storage or use (paint, solvent, pesticides, herbicides):
- Construction/demolition date(s):
- Surveyed drawings, blueprints, subsurface studies, renovation/addition details, etc.:

Yes, previous demolition projects and abandoned underground utilities documents were provided. 2016 and recently finalized 2024 water, sewer, chilled water, steam and condensate and stormwater studies for the Campus studies were provided. Previous campus survey information was provided

8. Please advise whether you are aware of the following:

- Any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the Subject Property

☐ Yes ☐ No

Not currently, recent Campus hazardous material survey was provided

- Any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the Subject Property

☐ Yes ☐ No

Not currently, recent Campus hazardous material survey was provided

- Any notices from any government entity regarding any possible violation of environmental laws or possible liability relating to hazardous materials at the Subject Property.

☐ Yes ☐ No

Not currently, recent Campus hazardous material survey was provided

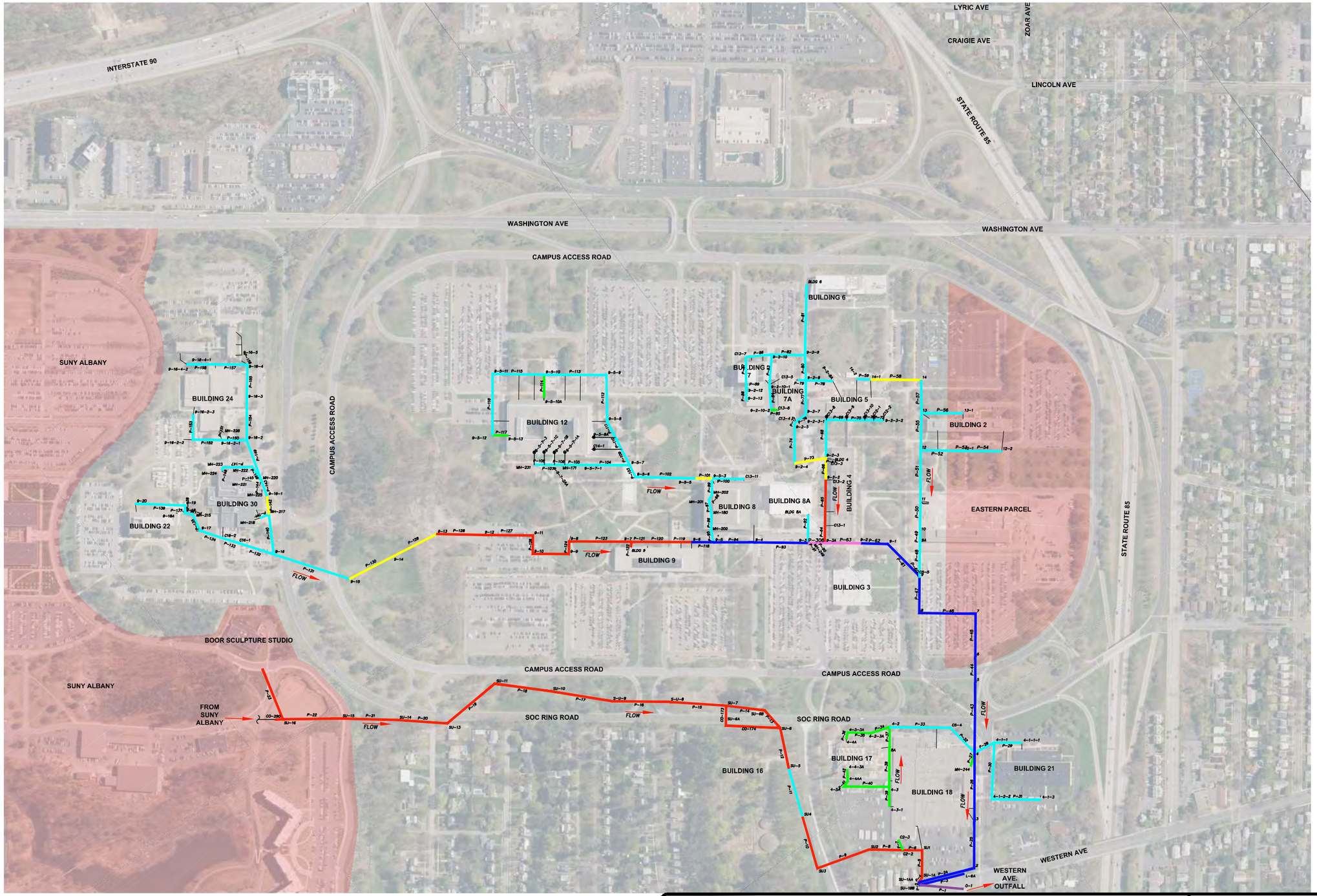
9. Do you have any specialized knowledge or experience related to the Subject Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Subject Property or an adjoining Subject Property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

☐ Yes ☐ No

10. Please provide:

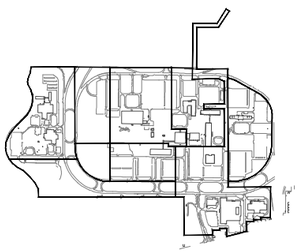
- The identification of all parties who will rely on the Phase I ESA report.

APPENDIX G
PREVIOUS STUDIES



LEGEND

- EXISTING 6" SANITARY PIPING
- EXISTING 8" SANITARY PIPING
- EXISTING 10" SANITARY PIPING
- EXISTING 12" SANITARY PIPING
- EXISTING 15" SANITARY PIPING
- EXISTING 18" SANITARY PIPING
- EXISTING 36" SANITARY PIPING



KEY PLAN

0 250' 500'

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

Engineering and Land Surveying, P.C.

1533 Crescent Road - Clifton Park, NY 12065

NYS OFFICE OF GENERAL SERVICES

EXISTING SANITARY SEWER SYSTEM

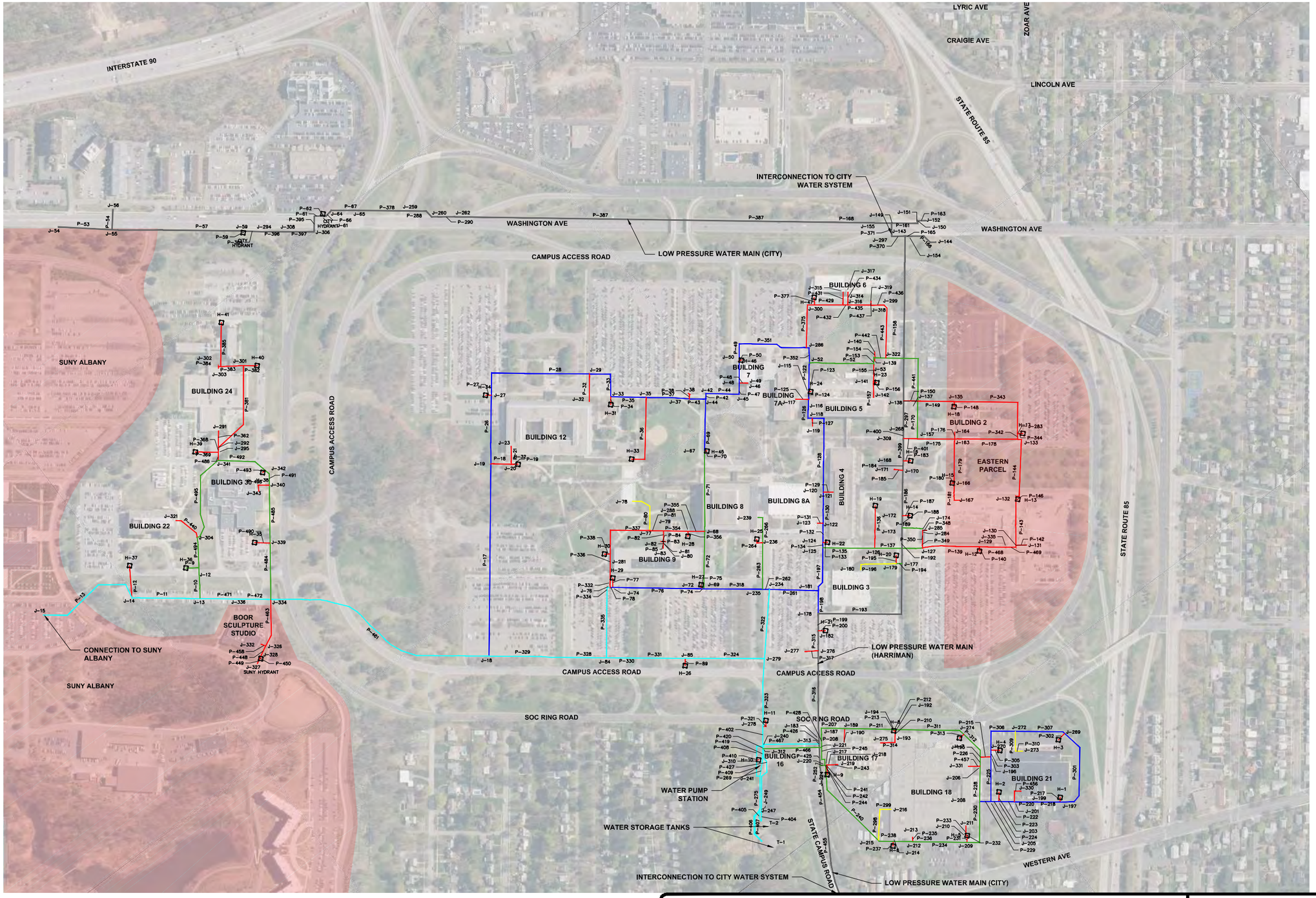
HARRIMAN SOC UTILITY STUDY

ALBANY NEW YORK

SCALE:	1=500
CONTRACT No.:	SA987-C
MJ PROJ. No.:	915.10
DATE:	APRIL 2016

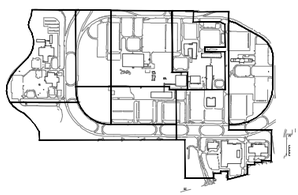
FIG. 3-1

File Name: F:\mj\915\915.10 SA987 Harriman SOC Utility Study\Sanitary Figures\915.10 - Figure 1-4.dwg (Layout: FIG. 3-1)
Date: Mon, Apr 25, 2016 - 9:24 AM (Name: mbrower)



LEGEND

- EXISTING HYDRANT
- EXISTING 4" WATERMAIN
- EXISTING 6" WATERMAIN
- EXISTING 8" WATERMAIN
- EXISTING 10" WATERMAIN
- EXISTING 12" WATERMAIN
- EXISTING 12" LOW-PRESSURE WATERMAIN



KEY PLAN

0 250' 500'

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

Engineering and Land Surveying, P.C.
1533 Crescent Road - Clifton Park, NY 12065

NYS OFFICE OF GENERAL SERVICES

EXISTING WATER DISTRIBUTION SYSTEM

HARRIMAN SOC UTILITY STUDY

ALBANY NEW YORK

SCALE:	1" = 500'
CONTRACT No.:	SA987-C
MJ PROJ. No.:	915.10
DATE:	FEBRUARY 2016

FIG. 3-1

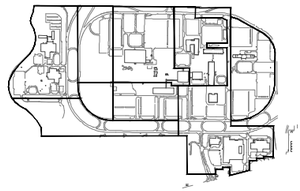
File Name: C:\Users\rprendergast\appdata\local\temp\AcPublish_52\6\915.10 - Harriman Water Figures.dwg (Layout: FIG, 3-1)
Date: Thu, Mar 31, 2016 - 4:00 PM (Name: rprendergast)

INTERSTATE 90
LINCOLN AVE
STATE ROUTE 85
WASHINGTON AVE
WASHINGTON AVE
CAMPUS ACCESS ROAD
BUILDING 6
SUNY ALBANY
BUILDING 24
CAMPUS ACCESS ROAD
BUILDING 7
BUILDING 7A
BUILDING 5
BUILDING 2
BUILDING 12
EASTERN PARCEL
BUILDING 30
BUILDING 4
BUILDING 8
BUILDING 8A
BUILDING 22
STATE ROUTE 85
BUILDING 9
BUILDING 3
BOOR SCULPTURE STUDIO
SUNY ALBANY
CAMPUS ACCESS ROAD
CAMPUS ACCESS ROAD
SOC RING ROAD
SOC RING ROAD
BUILDING 16
BUILDING 17
BUILDING 21
BUILDING 18
STATE CAMPUS ROAD
WESTERN AVE

NORTH

LEGEND

- EXISTING 6" STORM LINE
- EXISTING 8" STORM LINE
- EXISTING 10" STORM LINE
- EXISTING 12" STORM LINE
- EXISTING 15" STORM LINE
- EXISTING 18" STORM LINE
- EXISTING 20" STORM LINE
- EXISTING 24" STORM LINE
- EXISTING 30" STORM LINE
- EXISTING 36" STORM LINE
- EXISTING 42" STORM LINE
- EXISTING 48" STORM LINE



KEY PLAN

0 250' 500'

NEW YORK STATE OF OPPORTUNITY. Office of General Services
DESIGN & CONSTRUCTION

NYS OFFICE OF GENERAL SERVICES

EXISTING STORMWATER SYSTEM PIPE DIAMETERS

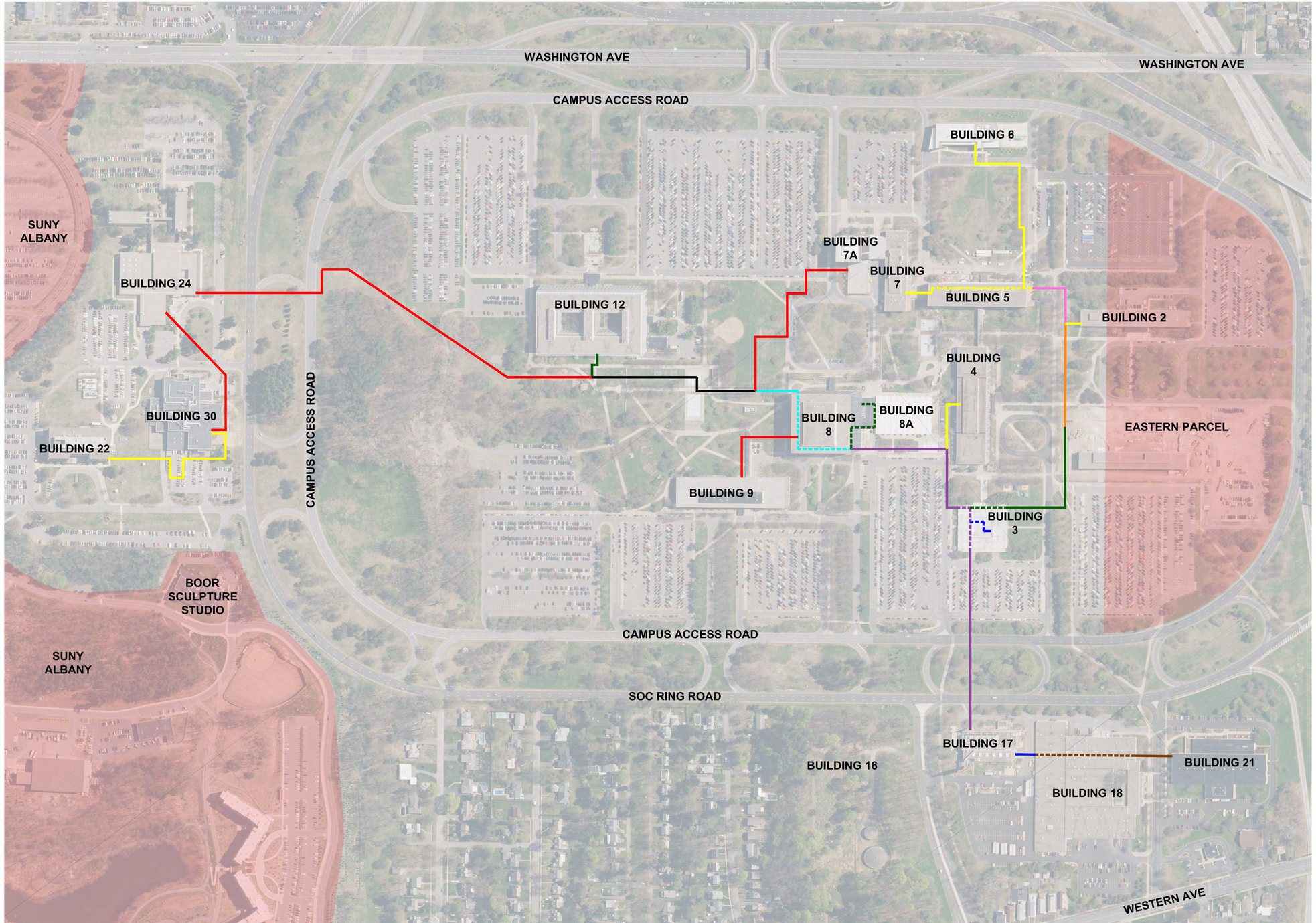
HARRIMAN SOC UTILITY STUDY

ALBANY NEW YORK

SCALE:	1" = 500'
CONTRACT No.:	SA987-C
OSPA PROJ. No.:	167.3
DATE:	JUNE 2016

FIG. 3-2

File Name: V:\PROJECTS\167-OGS TERM-M\ELS\167.3-Harriman Campus\Drawings\Maps\Figures\915.10 - Harriman Storm Figures-Pipe Diameters.dwg (Layout: FIG. 3-1)
Date: Fri, Jul 15, 2016 - 11:58 AM (Name: kcarman)



NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

SAGE ENGINEERING ASSOCIATES, LLP

1211 WESTERN AVENUE
ALBANY, NY 12203

(518)453-6091 FAX(518)453-6092

NYS OFFICE OF GENERAL SERVICES

EXISTING CHILLED WATER SYSTEM

HARRIMAN SOC UTILITY STUDY

ALBANY NEW YORK

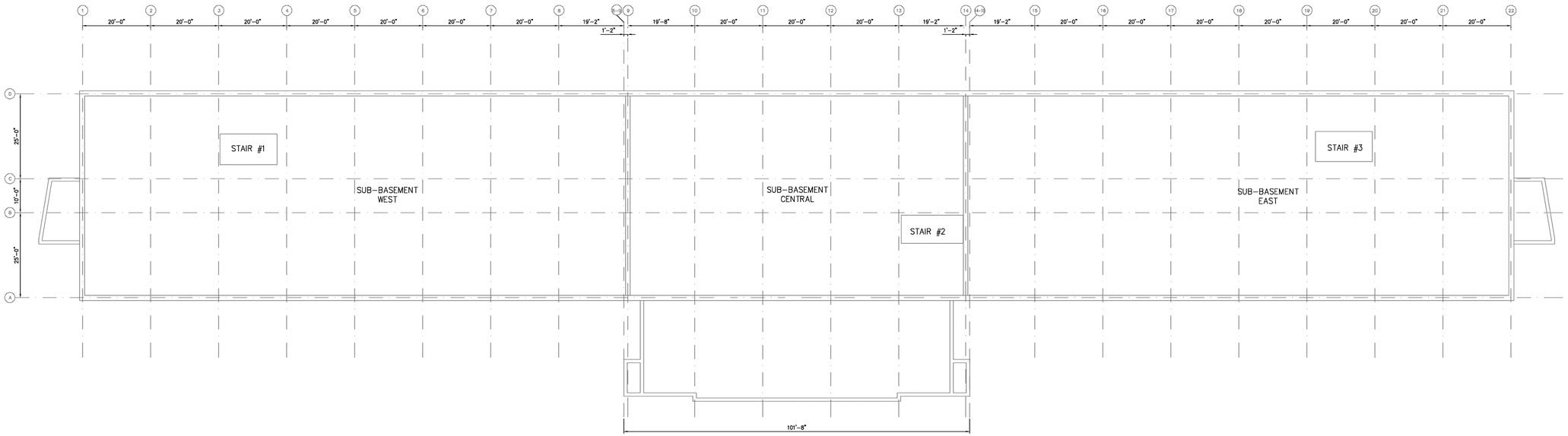
SCALE: **1" = 400'**
CONTRACT No.:
MJ PROJ. No.: 1019.04
DATE: SEPTEMBER, 2016

FIG. 3

File Name: C:\Users\mbrower\appdata\local\temp\AcPublish_5952\Figures.dwg (Layout: FIG. 3)
Date: Fri, Sep 09, 2016 - 10:50 AM (Name: mbrower)

GENERAL NOTES:

1. THE INTENT OF THIS CONTRACT IS TO DEMOLISH AND REMOVE FROM THE CAMPUS SITE ALL CONSTRUCTION MATERIALS RELATED TO BUILDING 2 AS INDICATED ON THE PLANS AND SPECIFICATIONS. THIS INCLUDES BUT IS NOT LIMITED TO: FOUNDATION WALLS TO 2' BELOW FINISH GRADE, EXTERIOR WALLS, INTERIOR CONCRETE FLOORS IN BASEMENT, FIRST, SECOND AND THIRD FLOORS. ALL ROOF AND FLOOR CONSTRUCTION, INTERIOR PARTITIONS AND BUILT-IN DESKS OR CABINETS, DOORS, ALL MECHANICAL EQUIPMENT AND ASSOCIATED PIPING, PLUMBING FIXTURES AND ASSOCIATED PIPING; ALL ELECTRICAL EQUIPMENT INCLUDING TELECOMM RACKS & EQUIPMENT, MOTOR CONTROLLERS, ELECTRICAL SWITCH GEAR AND PANELS, LIGHTING FIXTURES, CONDUIT, ELEVATOR/ESCALATOR EQUIPMENT, EXTERIOR AND INTERIOR STAIRS TO 2' BELOW FINISHED GRADE. REFERENCE DRAWINGS ACCOMPANY THE CONTRACT DOCUMENTS TO REPRESENT ORIGINAL DESIGN REQUIREMENTS. THE ENTIRE BUILDING AND ALL ITS CONTENTS ARE TO BE DEMOLISHED AND REMOVED.
2. REMOVALS AND DEMOLITION ARE TO BE PERFORMED IN ACCORDANCE WITH OSHA AND ANY OTHER GOVERNING REGULATIONS.
3. REFER TO PHOTOS ON DRAWINGS CD-111 AND CD-112 FOR EXISTING CONDITIONS AS OF JUNE 2015. BOLD NUMBERS INDICATE PHOTO LOCATION.
4. TURN OVER 10 CIVIL DEFENSE WATER CANISTERS AND ALL FIRE EXTINGUISHERS TO THE DIRECTOR'S REPRESENTATIVE.
5. ALL MOTOR CONTROLLERS AND SWITCHGEAR ARE ASSUMED TO HAVE ASBESTOS-CONTAINING INTERNALS. THESE SHALL BE REMOVED AS SUCH. REFER TO H-100 FOR REQUIREMENTS.
6. THE FLOOR SLAB/DECK ASSEMBLY OF THE BASEMENT, 1ST, 2ND, AND 3RD FLOOR ARE TO BE REMOVED AS ASBESTOS. PLEASE REFER TO DRAWING H-100 FOR ABATEMENT REQUIREMENTS.
7. THE BUILDING HAS SURFACES THAT ARE COATED WITH LEAD-BASED AND LEAD-CONTAINING PAINTS. REFER TO SECTION 028304 FOR REQUIREMENTS.



SUB-BASEMENT PARTITION PLAN
SCALE: 1/16" = 1'-0"

File: V:\PROJECTS\ANY\K4929792\CADD_ACAD\CD-100_29792.DWG
Saved: 12/22/2015 12:10:19 PM Plotted: 12/22/2015 12:44:07 PM User: kavanaugh, Shawn
36x24 PLOT SHEET

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CHA
III Winners Circle, PO Box 5269 - Albany, NY 12205-0269
Main: (518) 453-4500 • www.chacompanies.com

WARNING:

THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

STATE OF NEW YORK · MICHAEL E. HOLLENBECK · 068351 · LICENSED PROFESSIONAL ENGINEER

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING NO. 2

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVE.
ALBANY, NY 12226

CLIENT:
OFFICE OF GENERAL SERVICES

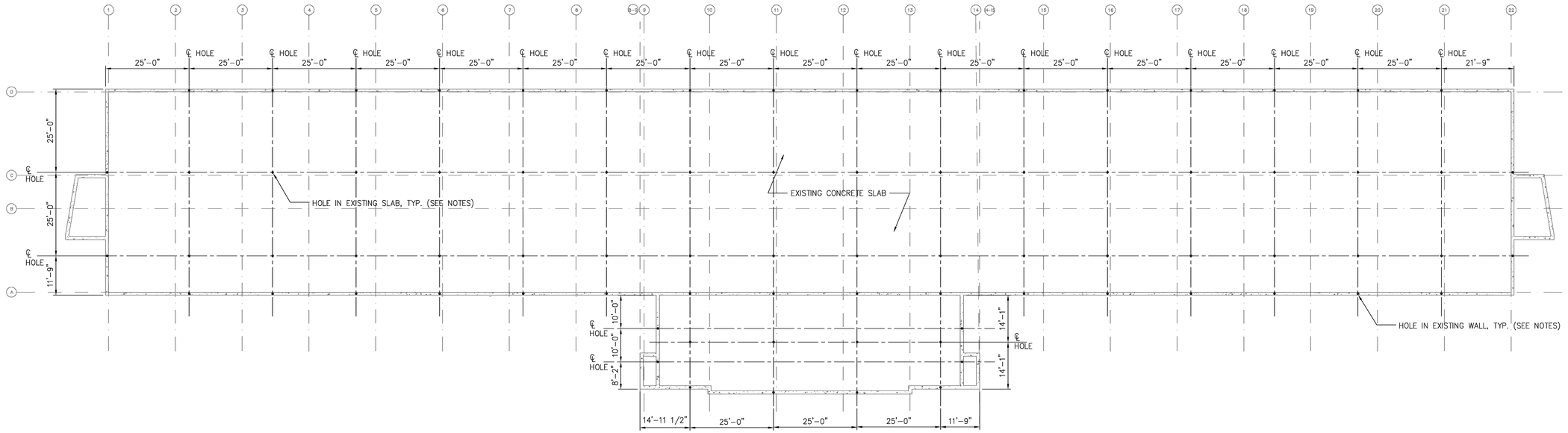
MARK	DATE	DESCRIPTION
	DECEMBER 23, 2015	BID DOCUMENTS

PROJECT NUMBER:	45126-C
DESIGNED BY:	SKB
DRAWN BY:	JR
FIELD CHECK BY:	-
APPROVED BY:	MEH

SHEET TITLE:
EXISTING
SUB-BASEMENT
PARTITION PLAN

DRAWING NUMBER:
CD-100

SHEET OF



EXISTING FOUNDATION PLAN

SCALE: 1/16" = 1'-0"

NOTES:

1. TOP OF ENTIRE EXISTING FOUNDATION WALLS TO BE REMOVED SO THEY ARE 2'-0" BELOW THE LOWEST POINT OF FINISHED GRADE.
2. 6" DIAMETER HOLES TO BE MADE THROUGH FOUNDATION WALLS AND MAT SLAB AS INDICATED ABOVE TO MITIGATE GROUND WATER BUILD UP. HOLES SHALL BE LOCATED NO MORE THAN 2'-0" ABOVE TOP OF BASEMENT SLAB.

NEW YORK STATE OF OPPORTUNITY. | Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

CHA
III Winners Circle, PO Box 5269 - Albany, NY 12205-0269
Main: (518) 453-4500 • www.chacompanies.com

STATE OF NEW YORK · CHRISTOPHER J. B. JERROLD · 079008 · LICENSED PROFESSIONAL ENGINEER

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING NO. 2

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVE.
ALBANY, NY 12226

CLIENT:
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	DECEMBER 23, 2015	BID DOCUMENTS

PROJECT NUMBER:	45126-C
DESIGNED BY:	RC
DRAWN BY:	MCF
FIELD CHECK BY:	-
APPROVED BY:	CJBJ

SHEET TITLE:
EXISTING
FOUNDATION PLAN

DRAWING NUMBER:
S-101

SHEET OF

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36x24 PLOT SHEET

Ambient Environmental, Inc.
Comprehensive Building Science Solutions

NYS/NJS Certified WBE
& SBA EDWOSB & DBE

ASBESTOS ABATEMENT AIR AND PROJECT MONITORING CLOSE-OUT REPORT

Building 1 and 1A
Harriman State Office Campus
Albany, New York

Dates: October 2013 through May 2014

Prepared for:

Mr. Hugh Stevens
New York State Office of General Services
Design & Construction
Project Control, 35th Floor, Corning Tower
GNARESP
Albany, New York 12242

Prepared by:

Ambient Environmental, Inc.
12 Colvin Ave.
Albany, New York 12206

Ambient Project No. 130905AD
NYS OGS Project Number 44845

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
NYS/NJS Certified WBE
& SBA EDWOSB & DBE

June 12, 2014

Mr. Hugh Stevens
New York State Office of General Services
Design & Construction
Project Control, 35th Floor, Corning Tower
GNARESP
Albany, New York 12242

RE: Asbestos Abatement Project /Air Monitoring
Buildings 1 and 1A, Harriman Campus
Ambient Project No. 130905AD
NYS OGS Project No. 44845

Dear Mr. Stevens:

Ambient Environmental, Inc. (Ambient) was retained by NYS OGS to conduct project/air monitoring during asbestos abatement activities at Buildings 1 and 1A in the Harriman Campus, Albany, New York. These services were conducted October 2013 through May 2014.

Ambient provided New York State Certified Project Monitors throughout the project who, in addition to performing air sampling and inspections, also monitored the Contractor's compliance with all applicable local, state and federal regulations. Waste material was packaged in accordance with applicable regulations. All waste was disposed of as asbestos containing material. Asbestos removal was performed by Gozzer Corp. Albany, NY (NYS Asbestos Contractor License No. 45673); Lorice Enterprises, Inc. Albany, NY (NYS Asbestos Contractor License No. 28546); and Titanium Demolition & Remediation Group, Lockport, NY (NYS Asbestos Contractor License No. 72730).

SCOPE OF WORK

The asbestos containing materials identified in the Asbestos Inspection Report, dated September 2013 and performed by CHA, have been removed from the above-referenced locations by a NYS licensed and certified asbestos abatement contractor. A listing of the identified asbestos containing materials and quantities for each material abated are depicted in the specified inspection report. After completion of the removal of all the asbestos containing materials, the building was demolished.

PROJECT AND AIR SAMPLING PROCEDURES

Site specific variances were developed separately by CHA and Unyse and approved by NYS DOL to be utilized during this project. This variance allowed the contractor specific relief from certain sections of NYS DOL Industrial Code Rule 56.

Ambient conducted air sample collection (when required) throughout the abatement project. Laboratory analysis was provided by Response Labs, LLC and AmeriSci of NY, NY. Both labs are accredited for air sample analysis using the NIOSH 7400 Method by the Environmental Laboratory Approval Program (ELAP) administered by the New York State Department of Health (ELAP No. 11917 and 11480, respectively). Additional analysis was performed by Adirondack Environmental Services, Inc. Adirondack is accredited for air sample analysis using the NIOSH 7402 Method by the Environmental Laboratory Approval Program (ELAP) administered by the New York State Department of Health (ELAP No. 10709).

Stages of Air Sampling

- Background air samples were collected prior to the abatement contractor mobilizing on-site. Background air samples are collected in work areas where >10 Sq. Ft. or 25 Ln. Ft. of asbestos containing materials will be abated or as specified in the NYS DOL approved site specific variance. These samples are collected to determine the pre-existing ambient air quality with respect to fiber concentrations. Samples were analyzed utilizing Phase Contrast Microscopy (NIOSH Method 7400).
- Air samples during work area preparation were collected in work areas where friable[1] asbestos was scheduled to be removed in quantities larger than 160 square feet or 260 linear feet or as specified in the NYS DOL approved site specific variance.
- Daily air samples were collected at all times while the abatement contractor was working on-site provided the material being removed in the work area exceeded 160 sq. ft. or 260 ln. ft. or as specified in the NYS DOL approved site specific variance. The purpose was to document the effectiveness of the Contractor's efforts to confine asbestos and non-asbestos fibers to the work area. Samples were analyzed utilizing Phase Contrast Microscopy (NIOSH Method 7400).
- Following a visual inspection, post abatement clearance air sampling was conducted using aggressive sampling techniques (agitation of forced air prior to sampling and on-going agitation during air sampling) to determine the quality of the remediation performed. The post abatement air samples were collected and analyzed by utilizing Phase Contrast Microscopy (NIOSH Method 7400). The New York State Department of Labor Code Rule 56 clearance criteria for asbestos is 0.01 fibers per cubic centimeter (f/cc) of air or the established background level(s), whichever is greater. In the event any of the final clearance air samples failed this criteria for PCM, the abatement contractor re-cleaned the work area and Ambient collected another set of air samples to be utilized as the clearance air samples. This sequence of events would continue until the samples meet the NYS DOL clearance criteria as previously stated. However, some of the final air samples that failed the specified clearance criteria, were further analyzed utilizing NIOSH 7402 (TEM). This method subsequently yielded a result which met the NYS clearance criteria of <0.01 f/cc.
- The window removals were done from the exterior and only required a project monitor to visually clear the areas and did not require air sampling.

During the course of the asbestos abatement and to satisfy changes from the original scope of

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[1] Friable – Any material that when dry, can be crumbled, pulverized, or reduced to powder by hand pressure, or is capable of being released in the air by hand pressure.

work additional bulk samples were taken of suspect materials/debris. The results of this sampling are attached to this report.

The following information has been provided for your records:

- NYS Department of Labor site Specific variance and amendments (Attachment A).
- Air sample analysis reports with chain of custody documentation (Attachment B).
- Air sample location diagrams (Attachment C).
- Daily site logs and final visual clearance (Attachment D).
- Bulk sample analysis reports with chain of custody documentation (Attachment E).
- Company, laboratory and personnel licensing and certifications (Attachment F).

Ambient appreciates the opportunity to be of service to NYS OGS. We look forward to providing continued work for you and your agency.

If you have any further questions, or need additional information, please do not hesitate to contact me directly.

Very truly yours,
Ambient Environmental, Inc.

Joella Viscusi
President

Enclosure

ATTACHMENT A

NEW YORK STATE DEPARTMENT OF LABOR SITE SPECIFIC VARIANCES AND AMENDMENTS

STATE OF NEW YORK
DEPARTMENT OF LABOR
STATE OFFICE BUILDING CAMPUS
ALBANY, NEW YORK 12240-0100

Variance Petition

Of

CHA Consulting, Inc.
Petitioner's Agent on Behalf of

NYSOGS
Petitioner

in re

Premises: Building 1/1A – Harriman Campus
1220 Washington Avenue
Albany, NY 12226

Interior Friable Debris Cleanup & Removal

File No. 13-1035

DECISION

Case(s) 1 - 4

ICR 56

The Petitioner, pursuant to Section 30 of the Labor Law, having filed Petition No. 13-1035 on September 9, 2013 with the Commissioner of Labor for a 9variance from the provisions of Industrial Code Rule 56 as hereinafter cited on the grounds that there are practical difficulties or unnecessary hardship in carrying out the provisions of said Rule; and the Commissioner of Labor having reviewed the submission of the petitioner dated September 6, 2013; and

Upon considering the merits of the alleged practical difficulties or unnecessary hardship and upon the record herein, the Commissioner of Labor does hereby take the following actions:

Case No. 1	ICR 56-4.8(a) **Denied**
Case No. 2	ICR 56-7.1(c)(4)

Case No. 3 ICR 56-7.8(a)(11)
Case No. 4 ICR 56-11.5 **Denied**

VARIANCE GRANTED. The Petitioner's proposal for interior cleanup of friable debris and removal of friable ACM, quantities as listed in the attachment, at the subject premises in accordance with the attached 5-page stamped copy of the Petitioner's submittal, is accepted; subject to the Conditions noted below:

THE CONDITIONS

1. A full time project monitor shall be on site and responsible for oversight of the asbestos project during all abatement and cleanup activities to ensure compliance with ICR 56 as modified by this variance. He shall ensure that no visible emissions are observed during the project.

2. Wet methods shall be used. No dry removal or disturbance of ACM shall be permitted.

3. Usage of this variance is limited to those asbestos removals identified in this variance or as outlined in the Petitioner's proposal.

In addition to the conditions required by the above specific variances, the Petitioner shall also comply with the following general conditions:

GENERAL CONDITIONS

1. A copy of this DECISION and the Petitioner's proposals shall be conspicuously displayed at the entrance to the personal decontamination enclosure.

2. This DECISION shall apply only to the removal of asbestos-containing materials from the aforementioned areas of the subject premises.

3. The Petitioner shall comply with all other applicable provisions of Industrial Code Rule 56-1 through 56-12.

4. The NYS Department of Labor Engineering Service Unit retains full authority to interpret this variance for compliance herewith and for compliance with Labor Law Article 30. Any deviation to the conditions leading to this variance shall render this variance Null and Void pursuant to 12NYCRR 56-12.2. Any questions regarding the conditions supporting the need for this variance and/or regarding compliance hereto must be directed to the Engineering Services Unit for clarification.

5. This DECISION shall terminate on September 30, 2014.

Date: September 10, 2013

PETER M. RIVERA
COMMISSIONER OF LABOR

By

Edward A. Smith, P.E.
Senior Safety and Health Engineer

PREPARED BY: Ravi Pilar, P.E.
Senior Safety and Health Engineer

REVIEWED BY: Edward A. Smith, P.E.
Senior Safety and Health Engineer

13 - 1035

CHA

September 6, 2013

New York State Department of Labor
Division of Safety and Health - Engineering Services Unit
Building 12, Room 159
State Office Building Campus
Albany, New York 12240
Attn: Mr. Edward Smith

Re: Petition for Variance
Debris/Contamination Cleanup and Removals from Building 1/1A at the Harriman State Office Campus in Albany, New York.
CHA Project No. 25083

Dear Mr. Smith:

Background/Assessment

Building 1/1A is currently vacant and is scheduled to be demolished on an expedited timeframe with demolition scheduled to commence as soon as bids can be accepted in fall of 2013. The buildings are referred to as Building 1 and 1A but are connected and contiguous and will be abated and demolished under a single contract, therefore this single petition. Due to the presence of widespread asbestos debris and the desire of the State to proceed with abatement and demolition on an expedited schedule, we are requesting this as an emergency cleanup.

CHA previously surveyed the subject buildings for asbestos, lead, and other hazardous materials in early 2006. Later in 2006 the State commenced with an abatement and demolition project to remove all identified hazardous building materials and demolish the subject buildings. A large portion of the asbestos removals occurred in 2006/2007 however, the project was cancelled before the abatement of the building could be completed and the buildings were never demolished.

CHA completed an updated inspection of the subject buildings to confirm the asbestos and hazardous materials removals that were completed in 2006/2007 as well as identify those materials that remain and ensure that all remaining materials are identified and quantified to allow for the design of abatement and demolition of the building under a new contract.

There are a number of confirmed asbestos-containing materials that have been identified as being present in the subject buildings, including debris resultant from the previous removal project. The confirmed asbestos-containing materials and asbestos debris present in the buildings are summarized in the table below.

Asbestos-Containing Material Summary

Room/Space	Material	Quantity		
		square feet	linear feet	each
Building 1				
Basement Level				
Room 14	Pipe/Fitting Insulation		10	
Room 26B - pipe chase to Building 1A	Mag Pipe/Fitting Insulation		8	
Room 27	Debris - contaminated area	225		
Room 30	Debris - contaminated area	225		
First Floor				
Select Pipe Chases throughout floor	Pipe Insulation Debris	90		
Room 144	Pipe Insulation Above Ceiling		25	
Room 154	Debris - contaminated area	225		
Room 161	Debris - contaminated area	125		
Room 168	Debris - contaminated area	225		
Room 169	Debris - contaminated area	16		
Duct Space - adj. 163	Pipe/Fitting Insulation		16	
Above Ceiling - Entry adj. Room 163	Debris - contaminated area	10		
Pipe Space - adj. 130	Pipe/Fitting Insulation		16	
Second Floor				
Select Pipe Chases throughout floor	Pipe Insulation Debris	65		
Room 252	Debris - contaminated area	225		
Room 263	Debris - contaminated area	225		
Above Ceiling - Passage to 255	Debris - contaminated area	5		
Duct Space - adj. 259	Pipe/Fitting Insulation		16	
Room 234	Floor Tile/Mastic	16		
Third Floor				
Select Pipe Chases throughout floor	Pipe Insulation Debris	40		
Room 338	Debris - contaminated area	225		
Room 350	Debris - contaminated area	225		
Room 353	Debris - contaminated area	125		
Above Ceiling - Room 340	Pipe/Fitting Insulation		16	
Penthouse				
Penthouse East	Debris - contaminated area	780		
Penthouse East	Roof Vents (2)	18		
Penthouse West	Debris - contaminated area	1,100		
Penthouse West - Shaft	Pipe Insulation In Shaft		12	

CHA

Building 1A				
Basement Level				
Throughout	Contaminated Area/Cleanup	25,200		
Throughout	Return Air Branch Ductwork		195	
Room 35A - above ceiling level	Mudded Fitting Insulation		4	
First Floor				
Throughout	Contaminated Area/Cleanup	25,200		
Throughout	Return Air Branch Ductwork		195	
Second Floor				
Throughout	Contaminated Area/Cleanup	25,200		
Throughout	Return Air Branch Ductwork		195	
Third Floor				
Throughout	Contaminated Area/Cleanup	25,200		
Throughout	Return Air Branch Ductwork		195	
Penthouse				
Mechanical Areas	Mudded Fitting/Valve Insulation		50	
Interior - Building 1 & 1A				
Building 1/1A	Elevator Shaft and Cab Doors			60 doors
Roof/Exterior - Building 1 & 1A				
Building 1/1A	Window and Door Glazing and Caulk			1,450 windows
Building 1/1A - at building connection	Expansion Joint Material	320		
Building 1 - East of East Penthouse	Roof Vent	9		

CHA

Due the size of the building, the areas of contamination, and the fact that the building is entirely unoccupied the removals will largely be completed per Title 12 of the New York Codes, Rules and Regulations Part 56 (12 NYCRR 56), also known as New York State Industrial Code Rule 56 (Code Rule 56). We do however request relief from the following subsections of Code Rule 56 for this project.

Case No. 1 **ICR 56 – 4.8 (a)** → Denied
Case No. 2 **ICR 56 – 7.1 (c)(4)**
Case No. 3 **ICR 56 – 7.8 (a)(11)**
Case No. 4 **ICR 56 – 11.5** → Denied

RK 9/10/13

Denied → **56-4.8(a) Air Sample Results Turnaround Time** – Results for air samples collected at the end of the last shift on Friday's may not be received at the site within 48 hours. The results will be faxed immediately upon analysis to the OGS office trailer at the Harriman Campus, however they may not be posted until first thing Monday morning.

RK 9/10/13

56-7.1 (c)(4) Air Sampling at Negative Air Exhaust – The subject building is a 3 story building with a penthouse level. Many of the negative air exhaust locations therefore will be located above the ground level and will terminate at the windows. These exhaust locations will likely limit the ability to place air samples within 10 feet of the negative air exhausts. We propose that when necessary, and only when a better alternative in not available, the negative air exhaust samples can be located within the negative air exhaust tubing, within the work area, directly adjacent to the window to which it exhausts. The samples will be placed through a small slit cut in the exhaust tubing and sealed with duct tape when in use or when not used.

56-7.8 (a)(11) Exhaust Location – The subject building is a 3 story building with a penthouse level. Many of the negative air exhaust locations therefore will be located above the ground level and will terminate at the windows. Typically the windows and receptors within 15 feet of the exhaust must be covered with 2 layers of 6 mil polyethylene. Since the building is unoccupied we request relief from the requirement to poly the receptors within 15 feet of the exhaust as we believe this provides little to no additional level of protection to the workers and public and reducing the hardship involved with placing and maintaining poly 3 stories high above the ground on the exterior of the building. Windows within 15 feet of an exhaust location will be closed. If it is determined during construction that other trades or personnel are working on or present in an adjacent floor that has receptors within 15 feet of an active negative air exhaust these receptors will be covered with 2 layers of 6 mil polyethylene sheeting per Subpart 56-7.1 (c)(4).

Denied → **56-11.5 Controlled Demolition with Asbestos in Place** – For the Building 1 portion of the project as the last abatement item, we wish to have the option to demolish the Building 1 portion of the structure with the windows in place. The windows of Building 1 have non-friable window glazing and caulking present and since the building is scheduled for demolition following abatement the removal of these windows separately and manually would create an unnecessary hardship and add time to the project. This is not proposed for Building 1A as windows of that

ACM Windows shall be removed prior to demolition

RK 9/10/13

CHA

13 - 1035

vintage have sealants with elevated levels of PCBs requiring manual removal and separation from building waste stream for appropriate disposal.

The demolition of Building 1, with the windows in place, would occur after the successful removal of all intact friable and non-friable asbestos-containing materials (aside from the window sealants) and the removal and cleanup of all debris and contaminated areas from Building 1. The resultant debris from the demolition would be considered non-friable asbestos waste, however it is the intent under this project to remove the windows generally intact from the building by use of machinery or from the debris pile if sections of the building are collapsed, to allow for the general building debris waste stream to remain non-asbestos waste for disposal or reuse.

If you have any questions regarding the proposed work procedures requested relief please do not hesitate to contact the undersigned.

Sincerely,

Seth H. Fowler, CHMM
Associate
Asbestos Inspector/Project Designer #99-08548

Enclosure

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13 - 1035

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APPROVED

OCT 15 2013

New York State Dept. of Labor
Engineering Services Unit

October 11, 2013

New York State Department of Labor
Division of Safety and Health - Engineering Services Unit
Building 12, Room 159
State Office Building Campus
Albany, New York 12240
Attn: Mr. Ravi Pilar

Re: Re-Opening Request #1 – File No. 13-1035
Debris Delineation and Assessment, Building 1 at the Harriman State Office Campus in Albany, New York.
CHA Project No. 25083

Mr. Pilar:

On October 2, 2013 the NYSDOL visited the subject building, which had commenced abatement activities of the materials identified in CHA's September 4, 2013 report. Mr. Jason Pensabene with the NYSDOL's Asbestos Control Bureau, Enforcement Unit visited the site and inspected the work areas and building. Mr. Pensabene reported that he had concerns regarding the identification of existing pipe insulation and associated debris, particularly associated with perimeter and interior pipe chases that had been opened as part of the 2006 abatement project completed at the subject building. Mr. Pensabene issued a stop work notice to the project based on the fact that he felt further delineation of debris was required.

CHA has since completed a re-inspection of the 1st floor of the building to assess debris present in the pipe chases and to quantify and delineate the debris and contaminated areas. The remaining floors are being assessed at this time, however we wish to submit this re-opening to allow work to resume on the first floor while the other's floors are assessed. A subsequent re-opening will be submitted that addresses the assessment of the basement, 2nd and 3rd floors.

CHA's inspection report detailing the first floor assessment is attached to this re-opening request. The report findings indicate that there are areas of debris present in numerous pipe chases and in a few locations that debris has extended outside of the pipe chases.

The cleanup work associated with delineated areas of debris and contaminated pipe chases will be completed in accordance with Subpart 56-11.2(f) with the exception that the regulated areas will be established based on the areas delineated on the attached report rather than a 25 foot distance from the disturbance. Also in a number of areas there are limited quantities of in-place pipe insulation present. We intend to perform gross removal of this pipe insulation in conjunction with the debris cleanup work as this building is scheduled for demolition following abatement. A full time project monitor will be on-site during all removals.

13 - 1035

One additional item of relief is also requested in regards to Subpart 56-7.11(f)(4). There are a few select locations that have intact pipe chases or ceilings that are suspected to have intact pipe insulation present behind/above them. We request relief from this item to allow for the disposal of removed chase or ceiling material as non-ACM if it is found upon removal that the pipe insulation is in sound condition and has not been damaged.

Full time Project Monitor to verify this. PW 10/11/13

If you have any questions regarding the proposed work procedures requested relief please do not hesitate to contact the undersigned.

Sincerely,

Seth H. Fowler, CHMM
Associate
Asbestos Inspector/Project Designer #99-08548

Enclosure
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APPROVED

OCT 15 2013

New York State Dept. of Labor
Engineering Services Unit

CHA

13 - 1035

CHA

APPROVED

October 10, 2013

OCT 15 2013

New York State Dept. of Labor
Engineering Services Unit

Mr. Michael Singleton
New York State Office of General Services
Design and Construction Group
31st Floor, Corning Tower
Empire State Plaza
Albany, New York 12242

Re: Additional Debris Delineation and Inspection Building 1 on the Harriman State Office Campus Located in Albany, NY
OGS Project Number 44845
CHA Project No. 25083

Dear Michael:

Background/Introduction

CHA previously completed an inspection of the subject building summarized in a report dated September 4, 2013. This report identified a number of asbestos-containing materials that had been left behind from the abatement project undertaken in 2006, which included, in part, both in place pipe insulation as well as pipe insulation debris present in pipe chases and mechanical spaces.

On October 2, 2013 the NYSDOL visited the subject building, which had commenced abatement activities of the materials identified in CHA's September 4, 2013 report. Mr. Jason Pensabene with the NYSDOL's Asbestos Control Bureau, Enforcement Unit visited the site and inspected the work areas and building. Mr. Pensabene reported that he had concerns regarding the identification of existing pipe insulation and associated debris, particularly associated with perimeter and interior pipe chases that had been opened as part of the 2006 abatement project completed at the subject building. Mr. Pensabene issued a stop work notice to the project based on the fact that he felt further delineation of debris was required.

CHA completed the additional delineation work summarized in this report in response to the NYSDOL inspection. CHA's September 4, 2013 report remains valid and details the greater inspection of the entire building, including adjoining Building 1A however this report is intended to re-evaluate specifically the pipe chases and potential for widespread debris throughout Building 1, based on the concerns raised by the NYSDOL. At this time

the 1st floor is the only floor that is being re-inspected, the remaining floors will also be re-inspected and such inspection has commenced at the time of the writing of this report.

Re-Inspection and Findings

On October 2, 2013, shortly after the site visit by NYSDOL CHA directed Ambient Environmental Inc., the project monitor for the current abatement project, to collect air samples from every floor in the building. This was completed to determine the presence of a widespread contamination issue throughout the building. Four air samples were collected from each floor, with one each located at the east and west ends of the floors and the other two located more central (located east and west of center) to the floors. A total of 16 air samples were collected and analyzed by phase contrast microscopy (PCM) and all samples were found to be below the regulatory limit of 0.01 fiber per cubic centimeter (f/cc). The air sample report is attached to this letter report.

CHA re-inspected the 1st floor area on October 4, 2013. The focus of the survey was to identify intact pipe insulation present in exposed pipe chases as well as pipe insulation debris present in the exposed pipe chases and to delineate identified debris to confirm that it does not extend beyond the limited of the pipe chase cavities. CHA completed a visual inspection of all accessible pipe chases and when suspect or confirmed asbestos debris was observed in the pipe chase it was considered contaminated and delineation sampling consisting of bulk samples collected from the floor at a distance of 1, 2 and 3 feet from the pipe chase were collected. In some cases these distances were shorter or longer based on the conditions observed. In each case the delineation sampling was completed on a stop first negative approach, so if the delineation sample closest to the observed debris was negative, the sample/s further out were not analyzed.

There are a number of pipe chases identified that have asbestos pipe insulation or pipe insulation debris present. These include those pipe chases previously identified as well as additional locations observed during the present effort. With the exception of two locations (chases at Column H6 and D10 thru D12) all delineation sampling completed, confirmed the results of the visual inspection and indicates that the contamination present in the pipe chases is limited to the pipe chases and does not spread out into the adjacent floor area.

CHA also collected a number of random bulk debris samples from the floor throughout the 1st floor to make a determination of potential for general widespread contamination on the floor. All of the random bulk samples collected throughout the floor were found to have no asbestos detected. It should be noted that a number of the samples were found to contain vermiculite at greater than 10%, however each of these samples had No Asbestos Detected. The vermiculite can be attributed to the ceiling plaster of the building which was thoroughly sampled and analyzed, and does contain vermiculite but does not contain

CHA

any asbestos, as detailed in CHA's September 4, 2013 inspection report. See Figure 1 (attached to this report) for all bulk sample locations and debris delineations.

The asbestos bulk sample reports are attached to this letter report and are summarized in Table 1, Bulk Sample Summary. The findings of the inspection of the pipe chases in the first floor are summarized in Table 2, Pipe Chase Inventory, attached to this letter report. Table 3 provides an updated summary of all confirmed materials and estimated quantities for the 1st floor of Building 1.

Conclusions and Recommendations

- There are a number of pipe chases that are identified as having pipe insulation debris present in them. These are inventoried on Table 2 and estimated quantities are provided in Table 3.
- In two locations the pipe chase debris was identified to extend out from the pipe chases. This condition was identified, delineated and quantified at the pipe chases at Column H6 and D10 thru D12.
- All of the asbestos-containing materials identified and summarized in Tables 2 and 3 must be removed from the first floor prior to the demolition of each building.
- Further delineation is still required on the basement, 2nd and 3rd floors of the subject building. These areas should remain off limits to non-certified personnel until the time at which the inspections are completed and a report has been produced confirming the delineation on these floors.

Tables 1, 2, and 3 are attached to this report. Analytical reports for all samples are included as Attachment A. Personal and Laboratory certifications are included as Attachment B.

If you have any questions regarding this letter report, please do not hesitate to contact the undersigned.

Sincerely,

Seth H. Fowler, CHMM, Associate
Senior Scientist

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CHA

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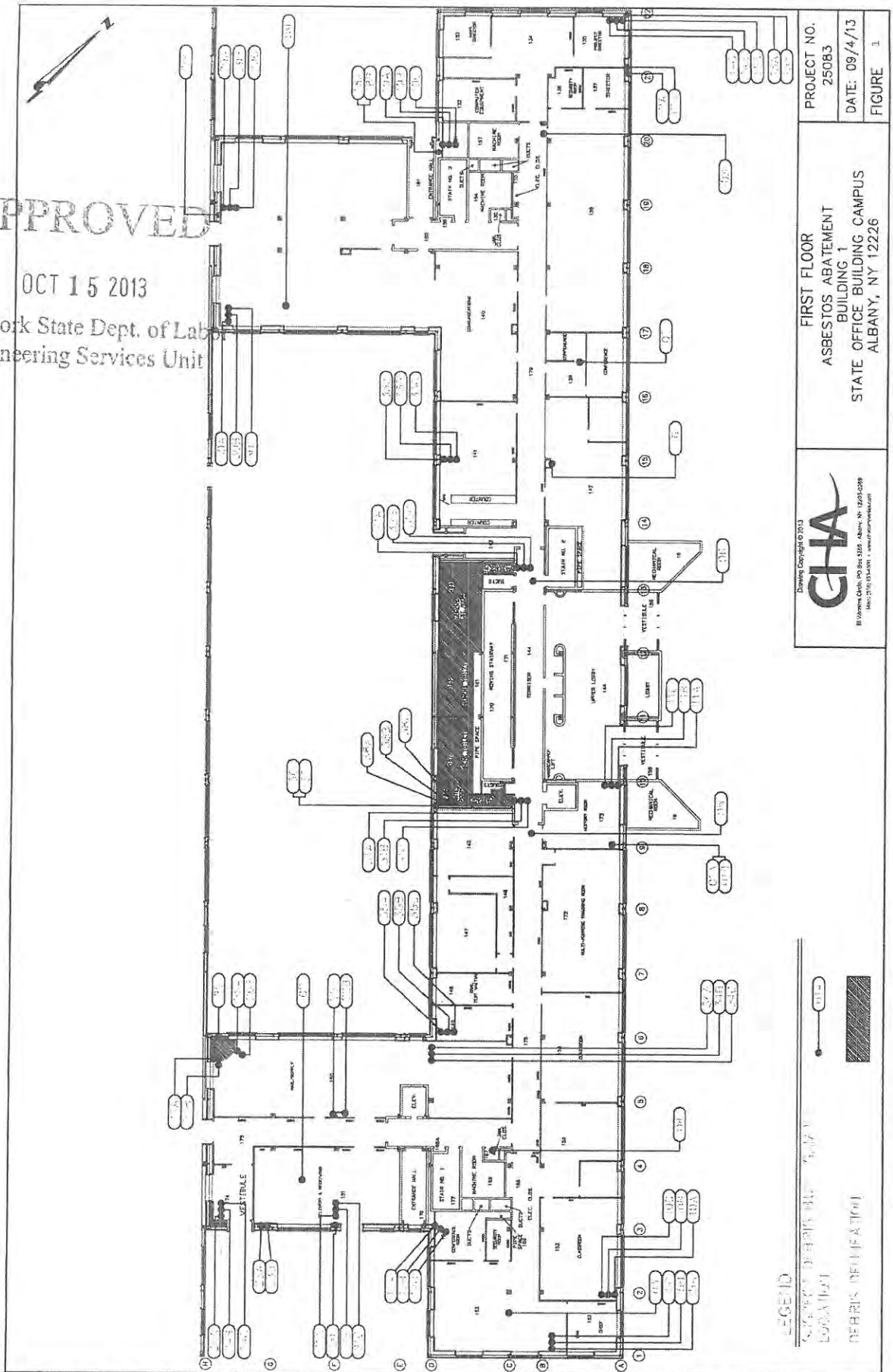

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13 - 1035

APPROVED

OCT 15 2013

New York State Dept. of Labor
Engineering Services Unit

TABLE 1
BUILDING 1
FIRST FLOOR
ASBESTOS BULK DEBRIS SAMPLE SUMMARY

Sample Number	Suspect Material Description	Sample Location	Asbestos Content (%)
AS100413-JM-01A	Remnant 9" x 9" Floor Tile Mastic	First Floor	NAD
AS100413-JM-01B	Remnant 9" x 9" Floor Tile Mastic	First Floor	NAD
AS100413-JM-02	Floor Debris	At Former Room 151	NAD**
AS100413-JM-03	Floor Debris	At Former Room 152	NAD**
AS100413-JM-04	Floor Debris	At Former Room 167	NAD
AS100413-JM-05	Floor Debris	Adjacent to Room 173	NAD
AS100413-JM-06	Floor Debris	Across From Corridor 144	NAD
AS100413-JM-07	Floor Debris	Between Columns 16 and 17	NAD
AS100413-JM-08	Floor Debris	Column B-20	NAD**
AS100413-JM-09	Floor Debris	Column G-17	NAD
AS100413-JM-10A	Plaster Debris @ Chase Wall	Column A-2	NAD
AS100413-JM-10B	Plaster Debris 1' Out From Chase Wall		NAD
AS100413-JM-10C	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-11A	Plaster Debris @ Chase Wall	Column A-10	NAD
AS100413-JM-11B	Plaster Debris 1' Out From Chase Wall		NAD
AS100413-JM-11C	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-12A	Mastic Puck Debris in Chase	Column A-21	NAD
AS100413-JM-12B	Paper Debris in Chase		NAD
AS100413-JM-13A	Green Floor Tile in Chase	Column A-22	8.40%
AS100413-JM-13B	Paper Pipe Insulation in Chase		NAD
AS100413-JM-14A	Plaster Debris @ Chase Wall		NAD**
AS100413-JM-14B	Plaster Debris 1' Out From Chase Wall		NA/NS
AS100413-JM-14C	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-15A	Plaster Debris @ Chase Wall	Column B-1	NAD
AS100413-JM-15B	Plaster Debris 1' Out From Chase Wall		NA/NS
AS100413-JM-15C	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-16	Plaster Debris at Chase Wall	Column B-15	NAD
AS100413-JM-17A	Plaster Debris @ Chase Wall	Column D-3	NAD
AS100413-JM-17B	Plaster Debris 1' Out From Chase Wall		NA/NS
AS100413-JM-17C	Paper Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-18A	Black Paper Debris in Chase	Column D-20	NAD
AS100413-JM-18B	Pipe Insulation Debris in Chase		NAD
AS100413-JM-19A	Plaster Debris @ Chase Wall		NAD
AS100413-JM-19B	Plaster Debris 1' Out From Chase Wall		NA/NS
AS100413-JM-19C	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-20	Pipe Insulation Debris in Chase	Column F-3	80%
AS100413-JM-21A	Plaster Debris 2' Out From Chase Wall		NAD
AS100413-JM-21B	Plaster Debris 3' Out From Chase Wall		NA/NS
AS100413-JM-21C	Plaster Debris 4' Out From Chase Wall		NA/NS
AS100413-JM-22A	Plaster Debris in Chase	Column F-5	NAD
AS100413-JM-22B	Plaster Debris in Chase		Trace (<.25%)
AS100413-JM-23A	Paper Debris in Chase	Column G-3	NAD
AS100413-JM-23B	Plaster Debris in Chase		NAD
AS100413-JM-24A	Plaster Debris 1' Out From Chase Wall	Column H-3	NAD
AS100413-JM-24B	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-24C	Plaster Debris 3' Out From Chase Wall		NA/NS
AS100413-JM-25	Debris in Chase	Column H-6	80%
AS100413-JM-26A	Plaster Debris 7' Out From Chase Wall - Right		NAD
AS100413-JM-26B	Plaster Debris 8' Out From Chase Wall - Right		NA/NS
AS100413-JM-27A	Plaster Debris 7' Out From Chase Wall - Left		6%
AS100413-JM-27B	Plaster Debris 8' Out From Chase Wall - Left		NAD
AS100413-JM-28	Paper Debris in Chase	Column H-19	40%
AS100413-JM-29A	Plaster Debris @ Chase Wall		NAD
AS100413-JM-29B	Plaster Debris 1' Out From Chase Wall		NA/NS
AS100413-JM-29C	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-30A	Plaster Debris 1' Out From Chase Wall	Column H-17	NAD
AS100413-JM-30B	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-30C	Plaster Debris 3' Out From Chase Wall		NA/NS
AS100413-JM-31A	Plaster Debris 1' Out From Chase Wall	Corridor Outside Room 160	NAD
AS100413-JM-31B	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-31C	Plaster Debris 3' Out From Chase Wall		NA/NS

TABLE 1
BUILDING 1
FIRST FLOOR
ASBESTOS BULK DEBRIS SAMPLE SUMMARY

Sample Number	Suspect Material Description	Sample Location	Asbestos Content (%)
AS100413-JM-32A	Plaster Debris 1' Out From Chase Wall	Corridor Outside Room 163	NAD
AS100413-JM-32B	Plaster Debris 2' Out From Chase Wall		NA/NS
AS100413-JM-32C	Plaster Debris 3' Out From Chase Wall		NA/NS
AS100413-JM-33A	Plaster Debris 1' North of Chase	Column D-15	NAD
AS100413-JM-33B	Plaster Debris 2' North of Chase		NA/NS
AS100413-JM-33C	Plaster Debris 3' North of Chase		NA/NS
AS100413-JM-34A	Plaster Debris 1' East of Chase	Column D-6	NAD
AS100413-JM-34B	Plaster Debris 2' East of Chase		NA/NS
AS100413-JM-34C	Plaster Debris 3' East of Chase		NA/NS
AS100413-JM-35A	Plaster Debris 1' North of Chase		NAD
AS100413-JM-35B	Plaster Debris 2' North of Chase		NA/NS
AS100413-JM-35C	Plaster Debris 3' North of Chase		NA/NS
AS100413-JM-36	**Pipe Insulation Debris in Chase**	Column D-10	**14.3%**
AS100413-JM-37	Debris in Chase		NAD
AS100413-JM-38A	Plaster Debris 1' North of Chase		NAD
AS100413-JM-38B	Plaster Debris 2' North of Chase		NA/NS
AS100413-JM-38C	Plaster Debris 3' North of Chase		NA/NS
NAD - No Asbestos Detected			
NAD** - Vermiculite Identified Within Debris Sample			
NA/NS - Not Analyzed, Stop 1st Negative Result (due to previous sample result for debris delineations)			

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TABLE 2

Building 1
First Floor
PIPE CHASE INVENTORY

Column Line / Chase	Chase Open (O) or Closed (C)	Intact Asbestos Pipe Insulation Present	Fiberglass Pipe Insulation - Non-Suspect	Assumed/Confirmed ACM Debris Present In Chase	No Suspect Debris Observed in Chase	Debris In Chase Sampled	Delineation Sampling at Chase	Contamination Extends Beyond Chase
A-1	O		X					
A-2	O			X		X	X	NO
A-3	C							
A-4	IN CONTAINMENT			X				
A-5	C							
A-6	IN CONTAINMENT			X				
A-7	C							
A-8	IN CONTAINMENT			X				
A-9	O	X (basement level)		X		X	X	NO
A-10	O	X (basement level)		X		X	X	NO
A-11	C							
A-12	C							
A-13	C							
A-14	IN CONTAINMENT			X				
A-15	O		X					
A-16	IN CONTAINMENT			X				
A-17	O		X					
A-18	IN CONTAINMENT			X				
A-19	O		X					
A-20	IN CONTAINMENT			X				
A-21	O		X			X		
A-22	O			X		X	X	NO
B-1	O			X			X	NO
B-8	IN CONTAINMENT			X				
B-9	C							
B-14	C							
B-15	O	X (basement level)			X	X		
B-19	O				X			
B-22	O		X		X			
C-1	C							
C-8	O	X (basement level)			X			
C-9	C							
C-10	O				X			
C-13	O	X			X			
C-14	C							
C-17	IN CONTAINMENT			X				
C-22	O		X		X			
D-1	IN CONTAINMENT			X				
D-2	O		X		X			
D-3	O	X (basement level)		X		X	X	NO
D-4	O	X (basement level)		X		X	X	NO

TABLE 2

Building 1
First Floor
PIPE CHASE INVENTORY

Column Line / Chase*	Chase Open (O) or Closed (C)	Intact Asbestos Pipe Insulation Present	Fiberglass Pipe Insulation - Non-Suspect	Assumed/Confirmed ACM Debris Present in Chase	No Suspect Debris Observed in Chase	Debris in Chase Sampled	Delineation Sampling at Chase	Contamination Extends beyond Chase
D-6	O			X			X	NO
D-7	O		X		X			
D-8	IN CONTAINMENT			X				
D-9	O		X		X			
D-10	O	X		X		X		YES*
D-11	O	X		X		X		YES*
D-12	O	X		X		X		YES*
D-13	C	X						
D-14	O		X		X			
D-15	O			X			X	NO
D-16	O		X		X			
D-17	IN CONTAINMENT			X				
D-19	O			X		X	X	NO
D-20	O			X		X	X	NO
D-21	O				X			
D-22	O				X			
E-3	C							
E-8	C							
E-12	O		X		X			
F-3	O	X (basement level)		X		X	X	NO
F-5	O		X		X	X		
F-6	IN CONTAINMENT			X				
F-17	IN CONTAINMENT			X				
F-20	IN CONTAINMENT			X				
G-3	O			X		X		NO
G-8	C							
G-17	O		X		X			
G-20	O		X		X			
H-3	O	X (basement level)		X			X	NO
H-4	C							
H-5	C	X						
H-6	O	X (basement level)		X		X	X	NO
H-17	O			X			X	NO
H-18	O		X		X			
H-19	O			X		X	X	NO
H-20	O				X			
YES*	Debris extends beyond chase. Adjacent rooms (160, 162, 163, 164, and 165) considered contaminated and delineation completed at entry way to 160 and 163.							

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Table 3

BUILDING 1
FIRST FLOOR
SUMMARY OF ACMS AND ESTIMATED QUANTITIES

Room/Space	Material	Quantity		
		square feet	linear feet	each
Building 1				
First Floor				
Pipe Chases throughout floor	Pipe Insulation Debris	170	72	
Room 144	Pipe Insulation Above Ceiling		25	
Room 154	Debris - contaminated area	225		
Room 160	Debris - contaminated area	130	4	
Room 161	Debris - contaminated area	125		
Room 162	Debris - contaminated area	220	2	
Room 163	Debris - contaminated area	40		
Room 164	Debris - contaminated area	380		
Room 165	Debris - contaminated area	220	2	
Room 168	Debris - contaminated area	225		
Room 169	Debris - contaminated area	16		
Duct Space - adj. 163	Pipe/Fitting Insulation		16	
Above Ceiling - Entry adj. Room 163	Debris - contaminated area	10		
Pipe Space - adj. 130	Pipe/Fitting Insulation		16	

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New York State Dept. of Labor
Engineering Services Unit

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 | FX: 518-482-0750

NYS/NJS Certified WBE & SBA EDWOSB

**Results are Interim Pending Quality Control Review

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page ____ of ____

TURNAROUND TIME
☒ Rush ☐ 24 hour Other ______

PROJECT INFORMATION

1. Client: NYSOGS	3. Project Name: Building 1	4. Project Monitor: Brian Coulombe	4b. Rotameter Number: AECC 304
2. Project Number: 130905 AD	3a. Project Address: NYSOGS Campus	4a. Air Sampler: Brian Coulombe	4c: Rotameter calibration: ☐ Manufacturer ☐ Gilibrator ☐ Drycal
5. Date: 10-2-13	6. Abatement Location: Assessment 2nd/3rd FL	7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer: EMS Lot # 20121029	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ______ Lot # ______
9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance	f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☒ Other Assessment	4d: Calibration Date: 9-23-13	

DAILY AIR SAMPLE RECORD

SHIFT HOURS 0700 to 1700 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields	16. minus blanks	17. Fiber concentration (f/cc)
011	81809			Field Blank								0/100	0.00	
012	81810			Field Blank								1/100	1.27	
013	81811			2nd FL - O/S Mech Rm 252	1445	1615	90	1.0	10	10	900	7/100	8.28	0.004
014	81812			- Area 248	1447	1617	↓	↓	10	↓	↓	6/100	7.01	<0.003
015	81813			- O/S Stair #3	1449	1619	↓	↓	10	↓	↓	10/100	12.1	0.005
016	81814			- Area 234	1450	1620	↓	↓	10	↓	↓	15/100	18.5	0.008
017	81815			3rd FL - O/S Stair #1	1456	1626	↓	↓	10	↓	↓	7/100	8.28	0.004
018	81816			- Area 357	1457	1627	↓	↓	10	↓	↓	7/100	8.28	0.004
019	81807			- Area 322	1459	1629	↓	↓	10	↓	↓	14/100	17.2	0.007
020	81818			- O/S Mech Rm 338	1500	1630	↓	↓	10	↓	↓	8/100	9.55	0.004

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. [signature]	10-2-13	1710	[signature]	10/2	2:11
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	[signature]	24. Date	25. Time
a. Analyzed By:	[signature]	10/2	2:11E
b. QC by:			
c. Lab Batch #: 1585-8910	QC# Std:	QC# Std:	QC# Std:

26. Project Manager: Bryan Cleary

27. Results To: Bryan Cleary
Phone #'s: ______
Fax: ______

28. Drawing: ☒ See drawing for this shift. ☐ See drawing dated: ______

29: Comments: O/S = outside

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New York State Dept. of Labor
Engineering Services Unit

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE
& SBA EDWOSB

**Results are Interim Pending Quality Control Review

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other 10D

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
NYSOGS	Building 1	Brian Coulombe	AECC 504
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	NYSOGS Campus	Brian Coulombe	☐ Manufacturer ☒ Gillibrator ☐ Drycal

5. Date	6. Abatement Location:	7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacturer EMS Lot # 2012 1029	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____	9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient I. ☒Other Assessment	4d: Calibration Date
10-2-13	Assessment				9-23-13

DAILY AIR SAMPLE RECORD

SHIFT HOURS 0700 to 1700 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
001	81799			Field Blank	X	X	X	X	X	X	X	0/100	0.00	
002	81800			Field Blank								0/100	0.00	
003	81801			1stFL - 142 Area	1230	1400	90	10	10	10	900	11/100	14.0	0.006
004	81802			- 138 Area	1231	1401			10			17/100	21.7	0.009
005	81803			- 134 Area	1232	1402			10			12/100	15.3	0.007
006	81804			- 160 Area	1233	1403			10			15/100	19.1	0.008
007	81805			Basement - Outside Stair #1	1302	1432			10			17/100	21.7	0.009
008	81806			- Outside Transformer Rm	1303	1433			10			11/100	14.0	0.006
009	81807			- Outside Stair #3	1305	1435			10			10/100	12.7	0.005
010	81808			- Outside Storage 33	1306	1436			10			8/100	10.2	0.004

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10-2-13	1710		10/2	2010
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name		24. Date	25. Time
a. Analyzed By:		10/2	2049
b. QC by:			
c. Lab Batch #: 335-8909	QC# Std:	QC# Std:	QC# Std:

26. Project Manager:	27. Results To: Bryan Cleary Phone #'s: ____ Fax:	28. Drawing: ☑ See drawing for this shift. ☐ See drawing dated: ____	29: Comments:

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OCT 15 2013

New York State Dept. of Labor
Engineering Services Unit

AmeriSci New York
117 EAST 30TH ST.
NEW YORK, NY 10016
TEL: (212) 679-8600 • FAX: (212) 679-3114

PLM Bulk Asbestos Report

Clough Harbour & Associates LLP
Attn: James Morey
111 Winners Circle

Albany, NY 12205

Date Received 10/07/13 **AmeriSci Job #** 213101797
Date Examined 10/08/13 **P.O. #**
ELAP # 11480 **Page** 1 **of** 14
RE: 25083; Bldg. 1 - Debris; State Office Campus (Report Amended 10/8/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-01A 01	213101797-01 **Location:** Remnant 9x9 Floor Tile Mastic - First Floor	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 39.5 %			
AS10413-JM-01B 01	213101797-02 **Location:** Remnant 9x9 Floor Tile Mastic - First Floor	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 45.1 %			
AS10413-JM-02	213101797-03 **Location:** Random Floor Debris - Plaster @ Former Rm 151 "This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."	*No*	NAD [1] (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 30.5 %, Vermiculite 20 %			
AS10413-JM-03	213101797-04 **Location:** Random Floor Debris - Plaster @ Former Room 152 "This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."	*No*	NAD [1] (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 14.3 %, Vermiculite 20 %			
AS10413-JM-04	213101797-05 **Location:** Random Floor Debris - Plaster @ Former Janitors Closet 167	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

AmeriSci Job #: **213101797**
Client Name: Clough Harbour & Associates LLP

PLM Bulk Asbestos Report

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Engineering Services Unit

25083; Bldg. 1 - Debris; State Office Campus (Report Amended 10/8/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-05	213101797-06	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Random Floor Debris - Plaster @ Adjacent To Room173			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-06	213101797-07	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Random Floor Debris - Plaster Across From Corridor 144			
Analyst Description: OffWhite, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 95 %, Non-fibrous 5 %			
AS10413-JM-07	213101797-08	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Random Floor Debris - Plaster/ Between Columns 16-17			
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-08	213101797-09	*No*	NAD [1] (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Location: Random Floor Debris - Plaster/ @ Column B-20 "This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 16.5 %, Vermiculite 20 %			
AS10413-JM-09	213101797-10	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Random Floor Debris - Plaster/ @ Column G-17			
Analyst Description: Black, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-10A	213101797-11	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris @ Chase Wall/ @ Column A-2			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			

See Reporting notes on last page

AmeriSci Job #: 213101797
Client Name: Clough Harbour & Associates LLP

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OCT 15 2013
New York State Dept. of Labor
Engineering Services Unit

PLM Bulk Asbestos Report

25083; Bldg. 1 - Debris; State Office Campus (Report Amended 10/8/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-10B	213101797-12	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: 1' Out From Chase Wall (Plaster)/ @ Column A-2			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-10C	213101797-13		NA
Location: 2' Out From Chase Wall (Plaster)/ @ Column A-2			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-11A	213101797-14	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris @ Chase Wall/ @ Column A-10			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-11B	213101797-15	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris 1' Out From Chase/ @ Column A-10			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-11C	213101797-16		NA
Location: Plaster Debris 2' Out From Chase/ @ Column A-10			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-12A	213101797-17	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Location: Mastic Puck Debris/ Column A-21			
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 40.9 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-12B	213101797-18	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Location: Paper Debris/ Column A-21			
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 3.1 %			
AS10413-JM-13A	213101797-19	*Yes*	8.4 % (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Location: Green Floor Tile In Chase/ Column A-22			
Analyst Description: Green, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** Chrysotile 8.4 % **Other Material:** Non-fibrous 39.7 %			
AS10413-JM-13B	213101797-20	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Paper Pipe Insulation In Chase/ Column A-22			
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 99 %, Non-fibrous 1 %			
AS10413-JM-14A	213101797-21	*No*	NAD [1] (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Location: Plaster Debris @ Chase Wall/ Column A-22 "This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 20.6 %, Vermiculite 20 %			
AS10413-JM-14B	213101797-22		NA
Location: Plaster Debris 1' From Chase Wall/ Column A-22			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-14C	213101797-23		NA
Location: Plaster Debris 2' From Chase Wall/ Column A-22			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-15A	213101797-24	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris@ Chase Wall/ Column B-1			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-15B	213101797-25		NA
Location: Plaster Debris 1' From Chase Wall/ Column B-1			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-15C	213101797-26		NA
Location: Plaster Debris 2' From Chase Wall/ Column B-1			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-16	213101797-27	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris@ Chase Wall/ Colum B-15			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-17A	213101797-28	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris 1' Out From Chase/ Column D-3			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-17B	213101797-29		NA
Location: Plaster Debris 2' Out From Chase Wall/ Column D-3			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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AS10413-JM-17C	213101797-30		NA
Location: Paper Debris 3' Out From Chase/ Column D-3			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-18A	213101797-31	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Location: Black Paper Debris In Chase/ D-20(Column)			
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 1.9 %			
AS10413-JM-18B	213101797-32	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Pipe Insulation Debris In Chase/ D-20 (Column)			
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 99 %, Non-fibrous 1 %			
AS10413-JM-19A	213101797-33	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris @ Chase Wall/ Column D-20			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-19B	213101797-34		NA
Location: Plaster Debris 1' From Chase/ Column D-20			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-19C	213101797-35		NA
Location: Plaster Debris 2' From Chase/ Column D-20			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-20	213101797-36	*Yes*	80 % (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Pipe Insulation In Chase (Debris)/ Column F-3			
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 80.0 % **Other Material:** Non-fibrous 20 %			
AS10413-JM-21A	213101797-37	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 2' Out Of/ Column F-3			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-21B	213101797-38		NA
Location: Plaster Debris - 3' Out/ Column F-3			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-21C	213101797-39		NA
Location: Paper Debris - 4' Out/ Column F-3			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-22A	213101797-40.1	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-22A	213101797-40.2	*Yes*	Trace (<0.25 % pc) (ELAP 198.1; 400pc) by David W. Roderick on 10/08/13
Location: Plaster Debris - From Within Chase/ Column F-5 - Base Coat			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile <0.25 % pc **Other Material:** Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-22B	213101797-41.1	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-22B	213101797-41.2	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - From Within Chase/ Column F-5 - Base Coat			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-23A	213101797-42	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Paper Debris In Chase/ Column G-3			
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 99 %, Non-fibrous 1 %			
AS10413-JM-23B	213101797-43	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris In Chase/ Column G-3			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-24A	213101797-44	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 1' Out From Chase/ Column H-3			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-24B	213101797-45		NA
Location: Plaster Debris - 2' Out From Chase/ Column H-3			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-24C	213101797-46		NA
Location: Plaster Debris 3' Out/ Column H-3			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-25	213101797-47	*Yes*	80 % (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Debris In Chase/ Column H-6			
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 80.0 % **Other Material:** Non-fibrous 20 %			
AS10413-JM-26A	213101797-48	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 7' Out (Right)/ Column H-6			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-26B	213101797-49		NA
Location: Plaster Debris - 8' Out (Right)/ Column H-6			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-27A	213101797-50	*Yes*	6 % (ELAP 198.1; 400pc) by David W. Roderick on 10/08/13
27 **Location:** Plaster Debris - 7' Out (Left)/ H-6			
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 6.0 % **Other Material:** Non-fibrous 44 %, Vermiculite 50 %			
AS10413-JM-27B	213101797-51	*No*	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 10/08/13
27 **Location:** Paper Debris - 8' Out (Left)/ H-6			
Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 95 %, Non-fibrous 5 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-28	213101797-52	Yes	40 % (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Paper Debris In Chase/ Column H-19			
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 40.0 % **Other Material:** Cellulose 55 %, Non-fibrous 5 %			
AS10413-JM-29A	213101797-53	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris @ Chase Wall/ Column H-19			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-29B	213101797-54		NA
Location: Plaster Debris - 1' Out/ Column H-19			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-29C	213101797-55		NA
Location: Plaster Debris - 2' Out/ Column H-19			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-30A	213101797-56	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 1' Out (West)/ Column H-17			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-30B	213101797-57		NA
Location: Plaster Debris - 2' Out (West)/ Column H-17			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-30C	213101797-58		NA
Location: Plaster Debris - 3' Out (West)/ Column H-17			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-31A	213101797-59	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 1' Out/ Corridor Outside 160			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-31B	213101797-60		NA
Location: Plaster Debris - 1' Out/ Corridor Outside 160			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-31C	213101797-61		NA
Location: Plaster Debris - 3' Out/ Corridor Outside 160			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-32A	213101797-62	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 1' Out/ Corridor Outside 163			
Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-32B	213101797-63		NA
Location: Plaster Debris - 2' Out/ Corridor Outside 163			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-32C	213101797-64		NA
Location: Plaster Debris - 3' Out/ Corridor Outside 163			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-33A	213101797-65	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 1' North/ Column D-15			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-33B	213101797-66		NA
Location: Plaster Debris - 2' North/ Column D-15			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-33C	213101797-67		NA
Location: Plaster Debris - 3' North/ Column D-15			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-34A	213101797-68	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 1' East/ Column D-6			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-34B	213101797-69		NA
Location: Plaster Debris - 2' East/ Column D-6			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-34C	213101797-70		NA
Location: Plaster Debris - 3' East/ Column D-6			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-35A	213101797-71	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Plaster Debris - 1' North/ Column D-6			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-35B	213101797-72		NA
Location: Plaster Debris - 2' North/ Column D-6			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-35C	213101797-73		NA
Location: Plaster Debris - 3' North/ Column D-6			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-36	213101797-74	*Yes*	14.3 % (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Pipe Insulation Debris W/in Chase/ Column D-10			
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 14.3 % **Other Material:** Cellulose 80 %, Non-fibrous 5.7 %			
AS10413-JM-37	213101797-75	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Debris On Floor W/In Chase/ Column D-10			
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 75 %, Non-fibrous 25 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-38A	213101797-76	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Location: Debris On Floor - 1' North/Column D-10			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
AS10413-JM-38B	213101797-77		NA
Location: Debris On Floor - 2' North/Column D-10			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
AS10413-JM-38C	213101797-78		NA
Location: Debris On Floor - 3' North/Column D-10			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

Reporting Notes:

(1) This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite.

Analyzed by: David W. Roderick

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA Lab # 102643, RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

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Table I
Summary of Bulk Asbestos Analysis Results
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AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
01	AS10413-JM-01A	01	0.157	45.2	15.3	39.5	NAD	NAD
Location:	Remnant 9x9 Floor Tile Mastic - First Floor							
02	AS10413-JM-01B	01	0.193	44.0	10.9	45.1	NAD	NAD
Location:	Remnant 9x9 Floor Tile Mastic - First Floor							
03	AS10413-JM-02		0.109	18.3	31.2	50.5	NAD	NA
Location:	Random Floor Debris - Plaster @ Former Rm 151 "This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."							
04	AS10413-JM-03		0.102	64.7	1.0	34.3	NAD	NA
Location:	Random Floor Debris - Plaster @ Former Room 152 "This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."							
05	AS10413-JM-04		—	—	—	—	NAD	NA
Location:	Random Floor Debris - Plaster @ Former Janitors Closet 167							
06	AS10413-JM-05		—	—	—	—	NAD	NA
Location:	Random Floor Debris - Plaster @ Adjacent To Room173							
07	AS10413-JM-06		—	—	—	—	NAD	NA
Location:	Random Floor Debris - Plaster Across From Corridor 144							
08	AS10413-JM-07		—	—	—	—	NAD	NA
Location:	Random Floor Debris - Plaster/ Between Columns 16-17							
09	AS10413-JM-08		0.274	17.2	46.4	36.5	NAD	NA
Location:	Random Floor Debris - Plaster/ @ Column B-20 "This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."							
10	AS10413-JM-09		—	—	—	—	NAD	NA
Location:	Random Floor Debris - Plaster/ @ Column G-17							
11	AS10413-JM-10A		—	—	—	—	NAD	NA
Location:	Plaster Debris @ Chase Wall/ @ Column A-2							
12	AS10413-JM-10B		—	—	—	—	NAD	NA
Location:	1' Out From Chase Wall (Plaster)/ @ Column A-2							
13	AS10413-JM-10C		—	—	—	—	NA	NA
Location:	2' Out From Chase Wall (Plaster)/ @ Column A-2							
14	AS10413-JM-11A		—	—	—	—	NAD	NA
Location:	Plaster Debris @ Chase Wall/ @ Column A-10							
15	AS10413-JM-11B		—	—	—	—	NAD	NA
Location:	Plaster Debris 1' Out From Chase/ @ Column A-10							

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AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
16	AS10413-JM-11C		—	—	—	—	NA	NA
Location:	Plaster Debris 2' Out From Chase/ @ Column A-10							
17	AS10413-JM-12A		0.215	53.0	6.0	40.9	NAD	NAD
Location:	Mastic Puck Debris/ Column A-21							
18	AS10413-JM-12B		0.064	92.2	4.7	3.1	NAD	NAD
Location:	Paper Debris/ Column A-21							
19	AS10413-JM-13A		0.131	26.7	25.2	39.7	Chrysotile 8.4	NA
Location:	Green Floor Tile In Chase/ Column A-22							
20	AS10413-JM-13B		—	—	—	—	NAD	NA
Location:	Paper Pipe Insulation In Chase/ Column A-22							
21	AS10413-JM-14A		0.155	17.4	41.9	40.6	NAD	NA
Location:	Plaster Debris @ Chase Wall/ Column A-22 "This method doesn't remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."							
22	AS10413-JM-14B		—	—	—	—	NA	NA
Location:	Plaster Debris 1' From Chase Wall/ Column A-22							
23	AS10413-JM-14C		—	—	—	—	NA	NA
Location:	Plaster Debris 2' From Chase Wall/ Column A-22							
24	AS10413-JM-15A		—	—	—	—	NAD	NA
Location:	Plaster Debris@ Chase Wall/ Column B-1							
25	AS10413-JM-15B		—	—	—	—	NA	NA
Location:	Plaster Debris 1' From Chase Wall/ Column B-1							
26	AS10413-JM-15C		—	—	—	—	NA	NA
Location:	Plaster Debris 2' From Chase Wall/ Column B-1							
27	AS10413-JM-16		—	—	—	—	NAD	NA
Location:	Plaster Debris@ Chase Wall/ Colum B-15							
28	AS10413-JM-17A		—	—	—	—	NAD	NA
Location:	Plaster Debris 1' Out From Chase/ Column D-3							
29	AS10413-JM-17B		—	—	—	—	NA	NA
Location:	Plaster Debris 2' Out From Chase Wall/ Column D-3							
30	AS10413-JM-17C		—	—	—	—	NA	NA
Location:	Paper Debris 3' Out From Chase/ Column D-3							
31	AS10413-JM-18A		0.269	94.4	3.7	1.9	NAD	NAD
Location:	Black Paper Debris In Chase/ D-20(Column)							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
25083; Bldg. 1 - Debris; State Office Campus (Report Amended 10/8/2013)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
32	AS10413-JM-18B		—	—	—	—	NAD	NA
Location:	Pipe Insulation Debris In Chase/ D-20 (Column)							
33	AS10413-JM-19A		—	—	—	—	NAD	NA
Location:	Plaster Debris @ Chase Wall/ Column D-20							
34	AS10413-JM-19B		—	—	—	—	NA	NA
Location:	Plaster Debris 1' From Chase/ Column D-20							
35	AS10413-JM-19C		—	—	—	—	NA	NA
Location:	Plaster Debris 2' From Chase/ Column D-20							
36	AS10413-JM-20		—	—	—	—	Chrysotile 80.0	NA
Location:	Pipe Insulation In Chase (Debris)/ Column F-3							
37	AS10413-JM-21A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 2' Out Of/ Column F-3							
38	AS10413-JM-21B		—	—	—	—	NA	NA
Location:	Plaster Debris - 3' Out/ Column F-3							
39	AS10413-JM-21C		—	—	—	—	NA	NA
Location:	Paper Debris - 4' Out/ Column F-3							
40.1	AS10413-JM-22A		—	—	—	—	NAD	NA
Location:	Plaster Debris - From Within Chase/ Column F-5 - Finish Coat							
40.2	AS10413-JM-22A		—	—	—	—	Chrysotile <0.25	NA
Location:	Plaster Debris - From Within Chase/ Column F-5 - Base Coat							
41.1	AS10413-JM-22B		—	—	—	—	NAD	NA
Location:	Plaster Debris - From Within Chase/ Column F-5 - Finish Coat							
41.2	AS10413-JM-22B		—	—	—	—	NAD	NA
Location:	Plaster Debris - From Within Chase/ Column F-5 - Base Coat							
42	AS10413-JM-23A		—	—	—	—	NAD	NA
Location:	Paper Debris In Chase/ Column G-3							
43	AS10413-JM-23B		—	—	—	—	NAD	NA
Location:	Plaster Debris In Chase/ Column G-3							
44	AS10413-JM-24A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 1' Out From Chase/ Column H-3							
45	AS10413-JM-24B		—	—	—	—	NA	NA
Location:	Plaster Debris - 2' Out From Chase/ Column H-3							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
25083; Bldg. 1 - Debris; State Office Campus (Report Amended 10/8/2013)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
46	AS10413-JM-24C		—	—	—	—	NA	NA
Location:	Plaster Debris 3' Out/ Column H-3							
47	AS10413-JM-25		—	—	—	—	Chrysotile 60.0	NA
Location:	Debris in Chase/ Column H-6							
48	AS10413-JM-26A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 7' Out (Right)/ Column H-6							
49	AS10413-JM-26B		—	—	—	—	NA	NA
Location:	Plaster Debris - 8' Out (Right)/ Column H-6							
50	AS10413-JM-27A	27	—	—	—	—	Chrysotile 6.0	NA
Location:	Plaster Debris - 7' Out (Left)/ H-6							
51	AS10413-JM-27B	27	—	—	—	—	NAD	NA
Location:	Paper Debris - 8' Out (Left)/ H-6							
52	AS10413-JM-28		—	—	—	—	Chrysotile 40.0	NA
Location:	Paper Debris in Chase/ Column H-19							
53	AS10413-JM-29A		—	—	—	—	NAD	NA
Location:	Plaster Debris @ Chase Wall/ Column H-19							
54	AS10413-JM-29B		—	—	—	—	NA	NA
Location:	Plaster Debris - 1' Out/ Column H-19							
55	AS10413-JM-29C		—	—	—	—	NA	NA
Location:	Plaster Debris - 2' Out/ Column H-19							
56	AS10413-JM-30A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 1' Out (West)/ Column H-17							
57	AS10413-JM-30B		—	—	—	—	NA	NA
Location:	Plaster Debris - 2' Out (West)/ Column H-17							
58	AS10413-JM-30C		—	—	—	—	NA	NA
Location:	Plaster Debris - 3' Out (West)/ Column H-17							
59	AS10413-JM-31A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 1' Out/ Corridor Outside 160							
60	AS10413-JM-31B		—	—	—	—	NA	NA
Location:	Plaster Debris - 1' Out/ Corridor Outside 160							
61	AS10413-JM-31C		—	—	—	—	NA	NA
Location:	Plaster Debris - 3' Out/ Corridor Outside 160							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
25083; Bldg. 1 - Debris; State Office Campus (Report Amended 10/8/2013)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
62	AS10413-JM-32A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 1' Out/ Corridor Outside 163							
63	AS10413-JM-32B		—	—	—	—	NA	NA
Location:	Plaster Debris - 2' Out/ Corridor Outside 163							
64	AS10413-JM-32C		—	—	—	—	NA	NA
Location:	Plaster Debris - 3' Out/ Corridor Outside 163							
65	AS10413-JM-33A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 1' North/ Column D-15							
66	AS10413-JM-33B		—	—	—	—	NA	NA
Location:	Plaster Debris - 2' North/ Column D-15							
67	AS10413-JM-33C		—	—	—	—	NA	NA
Location:	Plaster Debris - 3' North/ Column D-15							
68	AS10413-JM-34A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 1' East/ Column D-6							
69	AS10413-JM-34B		—	—	—	—	NA	NA
Location:	Plaster Debris - 2' East/ Column D-6							
70	AS10413-JM-34C		—	—	—	—	NA	NA
Location:	Plaster Debris - 3' East/ Column D-6							
71	AS10413-JM-35A		—	—	—	—	NAD	NA
Location:	Plaster Debris - 1' North/ Column D-6							
72	AS10413-JM-35B		—	—	—	—	NA	NA
Location:	Plaster Debris - 2' North/ Column D-6							
73	AS10413-JM-35C		—	—	—	—	NA	NA
Location:	Plaster Debris - 3' North/ Column D-6							
74	AS10413-JM-36		—	—	—	—	Chrysotile 1-3	NA
Location:	Pipe Insulation Debris W/in Chase/ Column D-10							
75	AS10413-JM-37		—	—	—	—	NAD	NA
Location:	Debris On Floor W/in Chase/ Column D-10							
76	AS10413-JM-38A		—	—	—	—	NAD	NA
Location:	Debris On Floor - 1' North/Column D-10							
77	AS10413-JM-38B		—	—	—	—	NA	NA
Location:	Debris On Floor - 2' North/Column D-10							

See Reporting notes on last page

Table I
Summary of Bulk Asbestos Analysis Results
25083; Bldg. 1 - Debris; State Office Campus (Report Amended 10/8/2013)

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	** Asbestos % by TEM
78	AS10413-JM-38C		—	—	—	—	NA	NA
Location:	Debris On Floor - 3' North/Column D-10							

Analyzed by: John P. Koubiadis ; Date Analyzed 10/8/2013

**Quantitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR or ELAP 198.1 for New York friable samples or ELAP 198.6 for New York NOB samples; TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation) or ELAP 198.4; for New York samples; NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses): AIHA Lab # 102843, NVLAP Lab Code 200546-0, NYSDOH ELAP Lab ID#11480.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogenous materials).

Reviewed By:

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QC
2013
New York State Dept. of Labor
Engineering Services Unit

13 - 1035

13 - 1035

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OCT 15 2013

New York State Dept. of Labor
Engineering Services Unit

Subject: requesting additional analysis - AmeriSci Job #213101797
From: "Morey, James" <JMorey@chacompanies.com>
Date: 10/8/2013 9:07 AM
To: "rmrodriguez@amerisci.com" <rmrodriguez@amerisci.com>

Please analyze sample 27B. See page 4 of the attached chain of custody.
Thank you!!!

James N. Morey
Scientist III
CHA ~ *design/construction solutions*
518.453.3915
jmorey@chacompanies.com
www.chacompanies.com

P Please consider the environment before you print this email.

Attachments:

DOC163.PDF	618 KB

Relinquished By: [signature] Date/Time: 10/4/13

Received By: [signature] Date/Time: 10/7/13 11AM

Relinquished By: Date/Time:

Received By: Date/Time:

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BULK CHAIN OF CUSTODY

AMERISCI NEW YORK
117 EAST 30TH STREET
NEW YORK, NY 10016
TOLL FREE: (800) 705-5227
PHONE: (212) 679-8600
FAX: (212) 679-9392

Company: CHA Consulting Inc

Street Address: 111 Winners Circle

City: Albany State: NY Zip: 12205

Phone: Fax:

Cell: (518) 453-3915 Fax:

E-mail Verbal Results: Y / N

Results to:

Special Instructions or Comments: All samples preceded by (AS10413-JM-)

Project: Bldg 1 - Debris AmeriSci #: 1810179

Proj Mgr: Seth Fowler Proj #: 25763

Proj Address: State office Campus Proj State:

Analysis: PLM; Positive Stop; TEM; NY ELAP PLM/TEM w/ NOB Prep.

ASTM Dust (Microvac) (Wipe); Qualitative; Other (describe in comments)

Turnaround Time: 24-hr. Material Type: Bulk Dust Water

Sampled By: J Morey Date Sampled: 10/4/13

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
	01A	Remnant 9x9 Floor Tile	Master - First Fl.	Stop 1st Positive
	01B	"	"	↓
	02	Random Floor Debris - Plaster	@ Former Rm 151	Analyze All
	03		@ Former Rm 152	
	04		@ Former Janitor's Closet 167	
	05		@ adjacent to Rm 173	
	06		across from Corridor 144	
	07		Between Columns 16+17	
	08		@ Column B-20	
	09	↓	@ Column B-17	↓
	10A	Plaster debris @ chase wall	@ Column A-2	
	10B	1' out from Chase wall (Plaster)	"	Stop 1st Negative
	10C	2' out from Chase wall (Plaster)	"	↓
	11A	Plaster debris @ Chase wall	@ Column A-10	Analyze
	11B	" 1' out from Chase	"	Stop 1st Negative
	11C	" 2' out from Chase	"	↓

AmeriSci, Bulk CoC, rev May 20, 2009

PAGE 1 OF 1

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AmeriSci New York
117 East 30th Street
New York, NY 10016
Toll Free: (800) 705-5227
Phone: (212) 679-8600
Fax: (212) 679-9392

Company:	Project: / AmeriSci #: 213101797 -
Street Address:	Proj Mgr: / Proj #:
City: State: Zip:	Proj Address: / Proj State:
Phone: Fax:	Analysis: __PLM; __Positive Stop; __TEM; __NY ELAP PLM/TEM w/ NOB Prep
Cell: Fax:	ASTM Dust __(Microvac) __(Wipe); __Qualitative; __Other (describe in comments)
E-mail: Verbal Results: Y / N	Turnaround Time: / Material Type: __Bulk __Dust __Water
Results to:	Sampled By: / Date Sampled:

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
	12A	Mastic Puck Debris	Column A-21	Analyze
	12B	Paper Debris	"	
	13A	Carbon Floor Tile in Chase	Column A-22	
	13B	Paper Pipe Insulation in Chase	"	
	14A	Plaster Debris @ Chase wall	"	Stop 1st Negative
	14B	" 1' from chase wall	"	
	14C	" 2' from Chase wall	"	
	15A	Plaster Debris @ Chase wall	Column B-1	Stop 1st Negative
	15B	" -1' from Chase wall	"	
	15C	" -2' from Chase wall	"	
	16	Plaster Debris @ Chase wall	Column B-15	(Analyze) Stop 1st Negative
	17A	Plaster Debris 1' abt from Chase	Column D-3	
	17B	2' out from Chase	"	
	17C	Paper Debris 3' out from Chase	"	
	18A	Black Paper Debris in Chase	D-20 (Column)	Analyze
	18B	Pipe Insulation Debris in Chase	"	"

Relinquished By: [signature] Date/Time: 10/4/13

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FAX: (212) 679-9392

10/08/2013 08:34 2126799392 AMERISCINYC PAGE 18/20

Company:	AmeriSci #: 213101797 -
Street Address:	Project:
City: State: Zip:	Proj Mgr: Proj #:
Phone: Fax:	Proj Address: Proj State:
Cell: Fax:	Analysis: __PLM; __Positive Stop; __TEM; __NY ELAP PLM/TEM w/ NOB Prep.
E-mail Verbal Results: Y / N	ASTM Dust __(Microvac) __(Wipe); __Qualitative; __Other (describe in comments)
Results to:	Turnaround Time: Material Type: __Bulk __Dust __Water
Special Instructions or Comments:	Sampled By: Date Sampled:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogeneous Area
	19A	Plaster Debris - @chase wall	Column D-20	Stop 1st Negative
	19B	" 1' From Chase	"	↓
	19C	" 2' From Chase	"	↓
	20	Pipe Insulation in Chase (debris)	Column F-3	Analyze
	21A	Plaster Debris - 2' out	"	Stop 1st Negative
	21B	" - 3' out	"	↓
	21C	Paper Debris - 4' out	"	↓
	22A	Plaster Debris - From within Chase	Colun F-5	Analyze
	22B	" "	"	"
	23A	Paper Debris in Chase	Column G-3	"
	23B	Plaster Debris in Chase	"	"
	24A	Plaster Debris - 1' out From Chase	Column H-3	Stop 1st Negative
	24B	" -2' out	"	↓
	24C	" 3' out	"	↓
	25	Debris in Chase.	Column H-6	Analyze
	26A	Plaster Debris - 7' out (right)	"	Stop 1st Negative
	26B	-8' out (right)	"	↓

PAGE 3 OF 5

AmeriSci, Bulk CoC, rev May 20, 2009

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13 - 1035

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Received By:	Date/Time: 10/7/13 1114
Relinquished By:	Date/Time:
Received By:	Date/Time:

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NEW YORK, NY 10016
TOLL FREE: (800) 706-5227
PHONE: (212) 679-9600
FAX: (212) 679-9392

10/08/2013 08:34 2126799392 AMERISCINYC PAGE 19/20

Company:	AmeriSci #: 213101797 -
Street Address:	Project:
City: State: Zip:	Proj Mgr: Proj #:
Phone: Fax:	Proj Address: Proj State:
Cell: Fax:	Analysis: __PLM; __ Positive Stop; __TEM; __ NY ELAP PLM/TEM w/ NOB Prep.
E-mail Verbal Results: Y / N	ASTM Dust __(Microvac) __(Wipe); __Qualitative; __Other (describe in comments)
Results to:	Turnaround Time: Material Type: Bulk Dust Water
Special Instructions or Comments:	Sampled By: Date Sampled:

Stop 1st Negative

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
	27A	Plaster Debris - 7' out (left)	H-6	Stop 1st Positive
	27B	Paper Debris - 8' out (left)	"	
	28	Paper Debris in Chase	Column H-19	Analyze
	29A	Plaster Debris - @Chase wall	"	Stop 1st Negative
	29B	-1' out	"	
	29C	-2' out	"	
	30A	Plaster Debris - 1' out (west)	Column H-17	Stop 1st Negative
	30B	-2' out (west)	"	
	30C	-3' out (west)	"	
	31A	Plaster Debris - 1' out	Corridor outside 160	Stop 1st Negative
	31B	-2' out		
	31C	-3' out		
	32A	Plaster Debris - 1' out	Corridor outside 163	Stop 1st Negative
	32B	-2' out	"	
	32C	-3' out	"	
	33A	Plaster Debris - 1' North	Column D-15	Stop 1st Negative
	33B	" -2' North	"	

AmeriSci, Bulk CoC, rev May 20, 2009

PAGE 4 of 4

Please analyze sample #27B. Thank you!

New York State Department of Labor
Environmental Services Unit
OCT 10 2013

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13 - 1035

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PHONE: (212) 679-8600
FAX: (212) 679-9362

Company:		AmeriSci #:	213101797 -
Street Address:		Project:	
City:	State: Zip:	Proj Mgr:	Proj #:
Phone:	Fax:	Proj Address:	Proj State:
Cell:	Fax:	Analysis: __PLM; __Positive Stop; __TEM; __NY ELAP PLM/TEM w/ NCB Prep.	
E-mail	Verbal Results: Y / N	ASTM Dust __(Microvac) __(Wipe); __Qualitative; __Other (describe in comments)	
Results to:		Turnaround Time:	Material Type: Bulk Dust Water
		Sampled By:	Date Sampled:

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogeneous Area
	33C	Plaster Debris - 3' North	Column D-15	↓
	34A	- 1' East	Column D-6	Negative Stop
	34D	- 2' East	"	↓
	34C	- 3' East	"	↓
	35A	- 1' North	" Stop	For Negative
	35B	- 2' North	"	↓
	35C	- 3' North	"	↓
	36	Pipe Insulation Debris w/in Chase	Column D-10	Analyze
37	[illegible]	Debris on Floor w/in Chase	"	"
	37A	- 1' [illegible] North	"	Stop 1st Negative
	37B	- 2' [illegible]	"	↓
	37C	- 3' [illegible] ↓	"	

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AmeriSci, Bulk CoC, rev May 20, 2009

13 - 1035

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OCT 17 2013

New York State Dept. of Labor
Engineering Services Unit

October 15, 2013

an additional layer of plastic shall be used for critical barrier, that will remain

10/17/13

New York State Department of Labor
Division of Safety and Health - Engineering Services Unit
Building 12, Room 159
State Office Building Campus
Albany, New York 12240
Attn: Mr. Ravi Pilar

Re: Re-Opening Request #2 – File No. 13-1035
Debris Cleanup, Building 1 at the Harriman State Office Campus in Albany, New York.
CHA Project No. 25083

Mr. Pilar:

As a follow up to Re-Opening #1 dated October 11th and approved today, and based on concerns raised by Jason Pensabene during a phone conversation I had with him this afternoon. We are proposing an additional item of relief at select pipe chase locations where a double-layer, modified tent containment is to be constructed and utilized as approved under Re-Opening #1.

We request that at pipe chase locations where tents are to be constructed and the area directly above or below the pipe chase (on the floor above or below), has in-place pipe insulation or suspect or confirmed pipe insulation debris present, that the critical barrier installed above or below the tent in that location, remain in place following the removal of the tent. The critical/s will remain in place until that time at which that adjacent space on the floor above or below can be abated.

If you have any questions regarding the proposed work procedures requested relief please do not hesitate to contact the undersigned.

(Ravi Pilar)

Sincerely,

Seth H. Fowler, CHMM
Associate
Asbestos Inspector/Project Designer #99-08548

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Enclosure

V:\Projects ANY K3\25083 Building1 1A Tech Design\Data Variance\Re-Opening #1_09-24-13_File No. 13-1035.doc

OCT 17 2013

New York State Dept. of Labor
Engineering Services Unit

III Winners Circle, P.O. Box 5269, Albany, NY 12205-0269
T 518.453.4500 • F 518.458.1735 • www.chacompanies.com

CHA

October 23, 2013

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OCT 24 2013

New York State Dept. of Labor
Engineering Services Unit

New York State Department of Labor
Division of Safety and Health - Engineering Services Unit
Building 12, Room 159
State Office Building Campus
Albany, New York 12240
Attn: Mr. Ravi Pilar

Re: Re-Opening Request #3 – File No. 13-1035
Debris Delineation and Assessment – Basement, 2nd, and 3rd Floors, Building 1 at the Harriman State Office Campus in
Albany, New York.
CHA Project No.
25083

Mr. Pilar:

On October 2, 2013 the NYSDOL visited the subject building, which had commenced abatement activities of the materials identified in CHA's September 4, 2013 report. Mr. Jason Pensabene with the NYSDOL's Asbestos Control Bureau, Enforcement Unit visited the site and inspected the work areas and building. Mr. Pensabene reported that he had concerns regarding the identification of existing pipe insulation and associated debris, particularly associated with perimeter and interior pipe chases that had been opened as part of the 2006 abatement project completed at the subject building. Mr. Pensabene issued a stop work notice to the project based on the fact that he felt further delineation of debris was required.

CHA has since completed a re-inspection of the 1st floor which was transmitted under Re-Opening #1 dated October 11, 2013 and approved by NYSDOL. This report summarizes the re-inspection of the basement, 2nd, and 3rd Floors of the building to assess debris present in the pipe chases and to quantify and delineate the debris and contaminated areas. The east and west penthouse levels had been considered contaminated under CHA's original survey and therefore no further assessment was completed in these areas.

CHA's inspection report detailing the basement, 2nd and 3rd floor assessment is attached to this re-opening request. The report findings indicate that there are areas of debris present in numerous pipe chases and in a few locations where debris has extended outside of the pipe chases.

The cleanup work associated with delineated areas of debris and contaminated pipe chases will be completed in accordance with Subpart 56-11.2(f) with the exception that the regulated areas will be established based on the areas delineated on the attached report. Also in a number of areas there are limited quantities of in-place pipe insulation present. We intend to perform gross removal of this pipe insulation in conjunction with the debris cleanup work as this building is scheduled for demolition following abatement.

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We request that at pipe chase locations where tents are to be constructed and the area directly above or below the pipe chase (on the floor above or below), has in-place pipe insulation or suspect or confirmed pipe insulation debris present, that the critical barrier installed above or below the tent in that location, remain in place following the removal of the tent. The critical/s will remain in place until that time at which that adjacent space on the floor above or below can be abated. → (an additional layer of plastic shall be used) 10/24

One additional item of relief is also requested in regards to Subpart 56-7.11(f)(4). There are a few select locations that have intact pipe chases or ceilings that are suspected to have intact pipe insulation present behind/above them. We request relief from this item to allow for the disposal of removed chase or ceiling material as non-ACM if it is found upon removal that the pipe insulation is in sound condition and has not been damaged.

A full time project monitor will be on-site during all removals.

If you have any questions regarding the proposed work procedures requested relief please do not hesitate to contact the undersigned.

Sincerely,

Seth H. Fowler,
CHMM Associate
Asbestos Inspector/Project Designer #99-08548

Enclosure
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New York State Dept. of Labor
Engineering Services Unit

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New York State Dept. of Labor
Engineering Services Unit

October 22, 2013

Mr. Michael Singleton
New York State Office of General Services
Design and Construction Group
31st Floor, Corning Tower
Empire State Plaza
Albany, New York 12242

Re: Additional Debris Delineation and Inspection, Basement/2nd/3rd Floors, Building 1 on the Harriman State Office Campus Located in Albany, NY
OGS Project Number 44845
CHA Project No. 25083

Dear Michael:

Background/Introduction

CHA previously completed an inspection of the subject building summarized in a report dated September 4, 2013. This report identified a number of asbestos-containing materials that had been left behind from the abatement project undertaken in 2006, which included, in part, both in place pipe insulation as well as pipe insulation debris present in pipe chases and mechanical spaces.

On October 2, 2013 the NYSDOL visited the subject building, which had commenced abatement activities of the materials identified in CHA's September 4, 2013 report. Mr. Jason Pensabene with the NYSDOL's Asbestos Control Bureau, Enforcement Unit visited the site and inspected the work areas and building. Mr. Pensabene reported that he had concerns regarding the identification of existing pipe insulation and associated debris, particularly associated with perimeter and interior pipe chases that had been opened as part of the 2006 abatement project completed at the subject building. Mr. Pensabene issued a stop work notice to the project based on the fact that he felt further delineation of debris was required.

CHA previously completed additional delineation work for the 1st floor of the building as summarized in a report dated October 10, 2013. This report summarizes the inspection of the basement, 2nd and 3rd floor levels of the building. CHA's September 4, 2013 report remains valid and details the greater inspection of the entire building, including adjoining Building 1A however this report is intended to re-evaluate specifically the pipe chases

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and potential for widespread debris in the basement, 2nd, and 3rd floors of Building 1 based on the concerns raised by the NYSDOL.

Re-Inspection and Findings

As detailed in our October 10, 2013 letter report pertaining to the 1st floor assessment, on October 2, 2013, shortly after the site visit by NYSDOL CHA directed Ambient Environmental Inc., the project monitor for the current abatement project, to collect air samples from every floor in the building. This was completed to determine the presence of a widespread contamination issue throughout the building. Four air samples were collected from each floor, with one each located at the east and west ends of the floors and the other two located more central (located east and west of center) to the floors. A total of 16 air samples were collected and analyzed by phase contrast microscopy (PCM) and all samples were found to be below the regulatory limit of 0.01 fiber per cubic centimeter (f/cc). The air sample report is attached to this letter report.

CHA re-inspected the basement, 2nd and 3rd floors on October 10, 11, and 18 of 2013. The focus of the survey was to identify intact pipe insulation present in exposed pipe chases as well as pipe insulation debris present in the exposed pipe chases and to delineate identified debris to confirm that it does not extend beyond the limited of the pipe chase cavities. Additional review of record drawings and inspections were also completed in an attempt to confirm that no additional intact, in-place pipe insulation is present above ceilings and/or behind walls. However it is possible that such conditions could exist and remain unidentified.

CHA completed a visual inspection of all accessible pipe chases and when suspect or confirmed asbestos debris was observed in the pipe chase it was considered contaminated and delineation sampling consisting of bulk samples collected from the floor at a distance of 1, 2 and 3 feet from the pipe chase were collected. In some cases these distances were shorter or longer based on the conditions observed. In each case the delineation sampling was completed on a stop first negative approach, so if the delineation sample closest to the observed debris was negative, the sample/s further out were not analyzed.

There are a number of pipe chases that were identified that have asbestos pipe insulation or pipe insulation debris present. These include those pipe chases previously identified as well as additional locations observed during the present effort. With the exception of a few select locations all delineation sampling completed, confirmed the results of the visual inspection and indicates that the contamination present in the pipe chases is limited to the pipe chases and does not spread out into the adjacent floor area. A number of pipe chases that were observed to have suspect materials present were sampled and the analytical results indicated that the material/s were non-asbestos-containing. As a conservative measure these pipe chases were still considered asbestos contaminated,

however no delineation was undertaken as the analytical data from the chase indicated a negative result.

There were a few areas in particular in the basement (Room 20 and two areas in the east/west corridor) that were observed to have visible debris present based on the last inspection performed on October 18, 2013. Delineation sampling was not completed at these locations, therefore the delineation of these areas of minor disturbance were conservatively delineated at a 25 foot radius or the nearest adjacent wall, whichever is closer. The areas are outlined in the attached Figures.

CHA also collected a number of random bulk debris samples from the floor throughout the basement, 2nd and 3rd floors to make a determination of the potential for general widespread contamination on each floor. All of the random bulk samples collected throughout the floor were found to have no asbestos detected with the exception of one location adjacent Column A17. Similar to the conditions mentioned above, delineation sampling was not completed at this location, therefore the delineation of this area of minor disturbance was conservatively delineated at a 25 foot radius or the nearest adjacent wall, whichever is closer. See Figure 1 for all bulk sample locations and debris delineations.

The asbestos bulk sample reports are attached to this letter report and are summarized in Table 1, Bulk Sample Summary. The findings of the inspection of the pipe chases in the basement, 2nd and 3rd floor are summarized in Table 2, Pipe Chase Inventory, attached to this letter report. Table 3 provides an updated summary of all confirmed materials and estimated quantities for the basement, 2nd, and 3rd floors of Building 1.

Conclusions and Recommendations

- There are a number of pipe chases that are identified as having pipe insulation debris present in them. These are inventoried on Table 2 and estimated quantities are provided in Table 3.
- In select locations/rooms in the basement pipe insulation debris was identified to extend out from the pipe chases and/or be present in these areas. This condition was identified, delineated and quantified and is shown on the Figures and quantified on Table 3.
- All of the asbestos-containing materials identified and summarized in Tables 2 and 3 must be removed prior to the demolition of the building.

Tables 1, 2, and 3 are attached to this report. Analytical reports for all samples are included as Attachment A. Personal and Laboratory certifications are included as Attachment B.

CHA

If you have any questions regarding this letter report, please do not hesitate to contact the undersigned.

Sincerely,

Seth H. Fowler, CHMM, Associate
Senior Scientist

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Engineering Services Unit

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Engineering Services Unit
PROJECT NO.
25083
DATE 08/06/13
FIGURE 1
BASEMENT PLAN
SAMPLE LOCATION PLAN
BUILDING 1/1A – HARRIMAN CAMPUS
NEW YORK STATE OFFICE
OF GENERAL SERVICES
CHA
LEGEND
SUSPECT DEBRIS BULK SAMPLE
LOCATION
ASBESTOS DEBRIS SEGMENT
CBVH
CENTRAL FILES
ANNOUNCEMENTS
SHIPPING
DUPLICATING
STORAGE
TEMPORARY HOLD
MECHANICAL EQUIPMENT
ARCHIVES
STAIR NO. 1
STAIR NO. 2
STAIR NO. 3
File: V:\PROJECTS\ANY\X3\25083\BUILDING_1A\CADD\FIGURES\DEBRIS BULK SAMPLE LOCATIONS\25083-REPORT-BUILDING_1A-FLOOR.DWG Saved: 10/22/2013 1:06:51 PM Plotted: 10/23/2013 7:58:38 AM User: Mary

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Engineering Services Unit
SECOND FLOOR PLAN
SAMPLE LOCATION PLAN
BUILDING 1/1A – HARRIMAN CAMPUS
NEW YORK STATE OFFICE
OF GENERAL SERVICES
PROJECT NO.
DATE: 06/13
FIGURE 2
CHA
LEGEND
ASBESTOS DEBRIS BULK SAMPLE
ASBESTOS DEBRIS BULK SAMPLE LOCATION
ASBESTOS DEBRIS REMEDIATION

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New York State Dept. of Labor
Employee Health Services Unit

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New York State Dept. of Lab
Engineering Services Unit

TABLE 1
BUILDING 1
ASBESTOS BULK DEBRIS SAMPLE SUMMARY

Sample Number	Suspect Material Description	Sample Location	Asbestos Content (%)
First Floor			
First Floor Samples 01-38 are included within report dated October 10, 2013			
Basement			
AS101113-JM-39	Floor Debris	At Stairwell	NAD
AS101113-JM-40	Paint Debris	At Column C3	NAD
AS101113-JM-41	Plaster Debris	In Corridor Adjacent to Transformer Room	NAD
AS101113-JM-42	Plaster Debris	In Women's Room	NAD
AS101113-JM-43	Plaster Debris	In Men's Room	NAD
AS101113-JM-44	Paint Debris	At Column A16	NAD
AS101113-JM-45	Plaster Debris	Between Columns A21 and B21	NAD
AS101113-JM-46	Floor Debris	At Column C17	0.50%
AS101113-JM-47	Paper Debris	In Corridor Adjacent to C20	NAD
AS101113-JM-48	Plaster Debris	At Column F17	NAD
AS101113-JM-49	Floor Debris	At Column H20	NAD
AS101113-JM-50	Plaster Debris	At Women's Chase Wall	NAD
AS101113-JM-51	Plaster Debris	At Women's Chase Wall	NAD
AS101113-JM-52	Plaster Debris	At Men's Room Chase Wall	NAD
AS101113-JM-53A	Floor Debris @ Chase Wall	At Column D22	0.25%
AS101113-JM-53B	Floor Debris 1' out from Chase Wall	At Column D22	NAD
AS101113-JM-53C	Floor Debris 2' out from Chase Wall	At Column D22	NA/NS
AS101113-JM-54A	Floor Debris @ Chase Wall	At Column F18	0.50%
AS101113-JM-54B	Floor Debris 1' out from Chase Wall	At Column F18	NAD
AS101113-JM-54C	Floor Debris 2' out from Chase Wall	At Column F18	NA/NS
Second Floor			
AS101113-JM-55	Floor Debris @ Column D6/E6	Column D6/E6	NAD
AS101113-JM-56	Floor Debris @ Column B8	Column B8	NAD
AS101113-JM-57	Floor Debris @ Column E5/F5	Column E5/F5	NAD
AS101113-JM-58	Floor Debris @ Column C12	Column C12	NAD
AS101113-JM-59	Floor Debris @ Column B17	Column B17	NAD
AS101113-JM-60	Floor Debris @ Column G19/G20	Column G19/G20	NAD
AS101113-JM-61	Floor Debris @ Column D18	Column D18	NAD
AS101113-JM-62	Floor Debris @ Column G4	Column G17	NAD
AS101113-JM-63	Chase Floor Debris	Column F20	NAD
AS101113-JM-64	Chase Floor Debris	Column D8	NAD
AS101113-JM-65	**Pipe Insulation Debris**	**Column E6**	**44.4%**
AS101113-JM-66A	Floor Debris @ Chase Wall	At Column A8	0.25%
AS101113-JM-66B	Floor Debris 1' out from Chase Wall	At Column A8	NAD
AS101113-JM-66C	Floor Debris 2' out from Chase Wall	At Column A8	NA/NS
AS101113-JM-67	Pipe Insulation Debris in Chase	Column A10	NAD
AS101113-JM-68	Pipe Spacer Debris in Chase	Column A10	NAD
AS101113-JM-69A	Floor Debris @ Chase Wall	Column A10	NAD
AS101113-JM-69B	Floor Debris 1' out from Chase Wall	Column A10	NA/NS
AS101113-JM-69C	Floor Debris 2' out from Chase Wall	Column A10	NA/NS
AS101113-JM-70	Paper Debris in Pipe Chase	Column A12	NAD
AS101113-JM-71A	Floor Debris @ Chase Wall	Column A12	NA/NS
AS101113-JM-71B	Floor Debris 1' out from Chase Wall	Column A12	NA/NS
AS101113-JM-71C	Floor Debris 2' out from Chase Wall	Column A12	NA/NS
AS101113-JM-72	**Insulation Paper Debris**	**Column A14**	**66.7%**
AS101113-JM-73	Insulation Paper Debris	Column A14	NAD
AS101113-JM-74A	Floor Debris @ Chase Wall	Column A14	NA/NS
AS101113-JM-74B	Floor Debris 1' out from Chase Wall	Column A14	NA/NS

TABLE 1
BUILDING 1
ASBESTOS BULK DEBRIS SAMPLE SUMMARY

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Engineering Services Unit

Sample Number	Suspect Material Description	Sample Location	Asbestos Content (%)
AS101113-JM-74C	Floor Debris 2' out from Chase Wall	Column A14	NA/NS
AS101113-JM-75	**Insulation Debris on Chase Floor**	**Column A16**	**50%**
AS101113-JM-76	Insulation Debris on Chase Floor	Column A16	NAD
AS101113-JM-77A	Floor Debris @ Chase Wall	Column A16	NAD
AS101113-JM-77B	Floor Debris 1' out from Chase Wall	Column A16	NA/NS
AS101113-JM-77C	Floor Debris 2' out from Chase Wall	Column A16	NA/NS
AS101113-JM-78	Debris on Chase Floor	Column A18	NAD
AS101113-JM-79A	Floor Debris @ Chase Wall	Column A18	NA/NS
AS101113-JM-79B	Floor Debris 1' out from Chase Wall	Column A18	NA/NS
AS101113-JM-79C	Floor Debris 2' out from Chase Wall	Column A18	NA/NS
AS101113-JM-80	Floor Debris in Chase	Column B1	NAD
AS101113-JM-81A	Floor Debris @ Chase Wall	Column B1	NA/NS
AS101113-JM-81B	Floor Debris 1' out from Chase Wall	Column B1	NA/NS
AS101113-JM-81C	Floor Debris 2' out from Chase Wall	Column B1	NA/NS
AS101113-JM-82	**Floor Debris in Chase**	**Column B15**	**66.7%**
AS101113-JM-83A	Floor Debris @ Chase Wall	Column B15	NAD
AS101113-JM-83B	Floor Debris 1' out from Chase Wall	Column B15	NA/NS
AS101113-JM-83C	Floor Debris 2' out from Chase Wall	Column B15	NA/NS
AS101113-JM-84	Floor Debris in Chase	Column C1	NAD
AS101113-JM-85A	Floor Debris @ Chase Wall	Column C1	NA/NS
AS101113-JM-85B	Floor Debris 1' out from Chase Wall	Column C1	NA/NS
AS101113-JM-85C	Floor Debris 2' out from Chase Wall	Column C1	NA/NS
AS101113-JM-86A	Floor Debris @ Chase Wall (South)	Column C6	NAD
AS101113-JM-86B	Floor Debris 1' out from Chase Wall (South)	Column C6	NA/NS
AS101113-JM-86C	Floor Debris 2' out from Chase Wall (South)	Column C6	NA/NS
AS101113-JM-87A	Floor Debris @ Chase Wall (South)	Column C17	NAD
AS101113-JM-87B	Floor Debris 1' out from Chase Wall (South)	Column C17	NA/NS
AS101113-JM-87C	Floor Debris 2' out from Chase Wall (South)	Column C17	NA/NS
AS101113-JM-88	Floor Debris in Chase	Column D3	NAD
AS101113-JM-89A	Floor Debris @ Chase Wall	Column D3	NA/NS
AS101113-JM-89B	Floor Debris 1' out from Chase Wall	Column D3	NA/NS
AS101113-JM-89C	Floor Debris 2' out from Chase Wall	Column D3	NA/NS
AS101113-JM-90	**Insulation Paper Debris in Chase**	**Column D6**	**40%**
AS101113-JM-91A	Floor Debris @ Chase Wall	Column D6	NAD
AS101113-JM-91B	Floor Debris 1' out from Chase Wall	Column D6	NA/NS
AS101113-JM-91C	Floor Debris 2' out from Chase Wall	Column D6	NA/NS
AS101113-JM-92A	Floor Debris @ Chase Wall	Column D6	NAD
AS101113-JM-92B	Floor Debris 1' out from Chase Wall	Column D6	NA/NS
AS101113-JM-92C	Floor Debris 2' out from Chase Wall	Column D6	NA/NS
AS101113-JM-93	Floor Debris in Chase	Column D10	NAD
AS101113-JM-94A	Floor Debris @ Chase Wall	Column D10	NA/NS
AS101113-JM-94B	Floor Debris 1' out from Chase Wall	Column D10	NA/NS
AS101113-JM-94C	Floor Debris 2' out from Chase Wall	Column D10	NA/NS
AS101113-JM-95	**Floor Debris in Chase**	**Column D11**	**25%**
AS101113-JM-96A	Floor Debris @ Chase Wall	Column D11	NAD
AS101113-JM-96B	Floor Debris 1' out from Chase Wall	Column D11	NA/NS
AS101113-JM-96C	Floor Debris 2' out from Chase Wall	Column D11	NA/NS
AS101113-JM-97A	**Floor Debris @ Chase Wall**	**Column D12**	**17.4%**
AS101113-JM-97B	Floor Debris 1' out from Chase Wall	Column D12	NAD
AS101113-JM-97C	Floor Debris 2' out from Chase Wall	Column D12	NA/NS
AS101113-JM-98	**Insulation Paper Debris in Chase**	**Column D15**	**57.1%**

TABLE 1
BUILDING 1
ASBESTOS BULK DEBRIS SAMPLE SUMMARY

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New York State Department of Labor
Asbestos Control
Engineering Services Unit

Sample Number	Suspect Material Description	Sample Location	Asbestos Content (%)
AS101113-JM-99A	Floor Debris @ Chase Wall	Column D15	NAD
AS101113-JM-99B	Floor Debris 1' out from Chase Wall	Column D15	NA/NS
AS101113-JM-99C	Floor Debris 2' out from Chase Wall	Column D15	NA/NS
AS101113-JM-100	**Insulation Debris in Chase**	**Column D20**	**22.2%**
AS101113-JM-101A	Floor Debris @ Chase Wall	Column D20	NAD
AS101113-JM-101B	Floor Debris 1' out from Chase Wall	Column D20	NA/NS
AS101113-JM-101C	Floor Debris 2' out from Chase Wall	Column D20	NA/NS
AS101113-JM-102	**Floor Debris in Chase**	**Column D17**	**66.7%**
AS101113-JM-103A	Floor Debris @ Chase Wall	Column D17	NAD
AS101113-JM-103B	Floor Debris 1' out from Chase Wall	Column D17	NA/NS
AS101113-JM-103C	Floor Debris 2' out from Chase Wall	Column D17	NA/NS
AS101113-JM-104	**Floor Debris in Chase**	**Column F3**	**14.8%**
AS101113-JM-105A	Floor Debris @ Chase Wall	Column F3	NAD
AS101113-JM-105B	Floor Debris 1' out from Chase Wall	Column F3	NA/NS
AS101113-JM-105C	Floor Debris 2' out from Chase Wall	Column F3	NA/NS
AS101113-JM-106	Floor Debris in Chase	Column F6	NAD
AS101113-JM-107A	Floor Debris @ Chase Wall	Column F6	NA/NS
AS101113-JM-107B	Floor Debris 1' out from Chase Wall	Column F6	NA/NS
AS101113-JM-107C	Floor Debris 2' out from Chase Wall	Column F6	NA/NS
AS101113-JM-108A	Floor Debris @ Chase Wall	Column F17	NAD
AS101113-JM-108B	Floor Debris 1' out from Chase Wall	Column F17	NA/NS
AS101113-JM-108C	Floor Debris 2' out from Chase Wall	Column F17	NA/NS
AS101113-JM-109	Floor Debris in Chase	Column H3	NAD
AS101113-JM-110	Floor Debris in Chase	Column H3	NAD
AS101113-JM-111A	Floor Debris @ Chase Wall	Column H3	NA/NS
AS101113-JM-111B	Floor Debris 1' out from Chase Wall	Column H3	NA/NS
AS101113-JM-111C	Floor Debris 2' out from Chase Wall	Column H3	NA/NS
AS101113-JM-112	Floor Debris in Chase	Column H5	NAD
AS101113-JM-113A	Floor Debris @ Chase Wall	Column H5	NA/NS
AS101113-JM-113B	Floor Debris 1' out from Chase Wall	Column H5	NA/NS
AS101113-JM-113C	Floor Debris 2' out from Chase Wall	Column H5	NA/NS
AS101113-JM-114	Floor Debris in Chase	Column H6	NAD
AS101113-JM-115	Floor Debris @ Chase Wall	Column H6	NAD
AS101113-JM-116	Floor Debris in Chase	Column H17	NAD
AS101113-JM-117	Floor Debris in Chase	Column H17	NAD
AS101113-JM-118	Floor Debris in Chase	Column H19	NAD
AS101113-JM-119A	Floor Debris @ Chase Wall	Column H19	NAD
AS101113-JM-119B	Floor Debris 1' out from Chase Wall	Column H19	NA/NS
AS101113-JM-119C	Floor Debris 2' out from Chase Wall	Column H19	NA/NS
AS101113-JM-120	Floor Debris in Chase	Column H20	NAD
AS101113-JM-121	Floor Debris in Chase	Column H20	NAD
AS101113-JM-122A	Floor Debris @ Room 252 Threshold	At Room 252	NAD
AS101113-JM-122B	Floor Debris 1' out from Threshold	At Room 252	NA/NS
AS101113-JM-122C	Floor Debris 2' out from Threshold	At Room 252	NA/NS
AS101113-JM-123A	Floor Debris @ Room 253 Threshold	At Room 253	NAD
AS101113-JM-123B	Floor Debris 1' out from Threshold	At Room 253	NA/NS
AS101113-JM-123C	Floor Debris 2' out from Threshold	At Room 253	NA/NS
Third Floor			
AS101113-JM-124	Insulation Debris on Chase Floor	Column A2	NAD
AS101113-JM-125A	Floor Debris @ Chase Wall	Column A2	NA/NS
AS101113-JM-125B	Floor Debris 1' out from Chase Wall	Column A2	NA/NS

TABLE 1
BUILDING 1
ASBESTOS BULK DEBRIS SAMPLE SUMMARY

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New York State Dept. of Labor
Engineering Services Unit

Sample Number	Suspect Material Description	Sample Location	Asbestos Content (%)
AS101113-JM-125C	Floor Debris 2' out from Chase Wall	Column A2	NA/NS
AS101113-JM-126	Insulation Debris on Chase Floor	Column A4	NAD
AS101113-JM-127A	Floor Debris @ Chase Wall	Column A4	NA/NS
AS101113-JM-127B	Floor Debris 1' out from Chase Wall	Column A4	NA/NS
AS101113-JM-127C	Floor Debris 2' out from Chase Wall	Column A4	NA/NS
AS101113-JM-128	Debris on Chase Floor	Column A6	NAD
AS101113-JM-129	Insulation Debris on Chase Floor	Column A8	NAD
AS101113-JM-130A	Floor Debris @ Chase Wall	Column A8	NA/NS
AS101113-JM-130B	Floor Debris 1' out from Chase Wall	Column A8	NA/NS
AS101113-JM-130C	Floor Debris 2' out from Chase Wall	Column A8	NA/NS
AS101113-JM-131	Debris on Chase Floor	Column A14	NAD
AS101113-JM-132	Debris on Chase Floor	D1	NAD
AS101113-JM-133	**Insulation Debris on Chase Floor**	**Column A16**	**57.1%**
AS101113-JM-134A	Floor Debris @ Chase Wall	Column A16	NAD
AS101113-JM-134B	Floor Debris 1' out from Chase Wall	Column A16	NA/NS
AS101113-JM-134C	Floor Debris 2' out from Chase Wall	Column A16	NA/NS
AS101113-JM-135	Debris on Chase Floor	Column A20	NAD
AS101113-JM-136	**Insulation Debris on Chase Floor**	**Column C6**	**57.1%**
AS101113-JM-137A	Floor Debris @ Chase Wall	Column C6	NAD
AS101113-JM-137B	Floor Debris 1' out from Chase Wall	Column C6	NA/NS
AS101113-JM-137C	Floor Debris 2' out from Chase Wall	Column C6	NA/NS
AS101113-JM-138	Insulation Debris on Chase Floor	Column C17	NAD
AS101113-JM-139A	Floor Debris @ Chase Wall	Column C17	NA/NS
AS101113-JM-139B	Floor Debris 1' out from Chase Wall	Column C17	NA/NS
AS101113-JM-139C	Floor Debris 2' out from Chase Wall	Column C17	NA/NS
AS101113-JM-140	Insulation Debris on Chase Floor	Column C22	Trace (<.25%)
AS101113-JM-141A	Floor Debris @ Chase Wall	Column C22	NAD
AS101113-JM-141B	Floor Debris 1' out from Chase Wall	Column C22	NA/NS
AS101113-JM-141C	Floor Debris 2' out from Chase Wall	Column C22	NA/NS
AS101113-JM-142A	Floor Debris at Bump-Out	Column D20	NAD
AS101113-JM-142B	Floor Debris 1' out from Chase Wall	Column D20	NA/NS
AS101113-JM-142C	Floor Debris 2' out from Chase Wall	Column D20	NA/NS
AS101113-JM-143A	Floor Debris @ Chase Wall	Column D22	NAD
AS101113-JM-143B	Floor Debris 1' out from Chase Wall	Column D22	NA/NS
AS101113-JM-143C	Floor Debris 2' out from Chase Wall	Column D22	NA/NS
AS101113-JM-144	**Insulation Debris on Chase Floor**	**Column F3**	**33.3%**
AS101113-JM-145A	Floor Debris @ Chase Wall	Column F3	NAD
AS101113-JM-145B	Floor Debris 1' out from Chase Wall	Column F3	NA/NS
AS101113-JM-145C	Floor Debris 2' out from Chase Wall	Column F3	NA/NS
AS101113-JM-146	Debris on Chase Floor	Column F6	NAD
AS101113-JM-147A	Floor Debris @ Chase Wall	Column F18	NAD
AS101113-JM-147B	Floor Debris 1' out from Chase Wall	Column F18	NA/NS
AS101113-JM-147C	Floor Debris 2' out from Chase Wall	Column F18	NA/NS
AS101113-JM-148	Paper Debris in Chase	Column F20	Trace (<.25%)
AS101113-JM-149A	Floor Debris @ Chase Wall	Column F20	NAD
AS101113-JM-149B	Floor Debris 1' out from Chase Wall	Column F20	NA/NS
AS101113-JM-149C	Floor Debris 2' out from Chase Wall	Column F20	NA/NS
AS101113-JM-150	Debris on Chase Floor	Column H3	NAD
AS101113-JM-151A	**Floor Debris @ Chase Wall**	**Column H19**	**50%**
AS101113-JM-151B	Floor Debris 1' out from Chase Wall	Column H19	NAD
AS101113-JM-151C	Floor Debris 2' out from Chase Wall	Column H19	NA/NS

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TABLE 1
BUILDING 1
ASBESTOS BULK DEBRIS SAMPLE SUMMARY

Sample Number	Suspect Material Description	Sample Location	Asbestos Content (%)
AS101113-JM-152	**Floor Tile Debris in Chase**	**Column H20**	**5.3%**
AS101113-JM-153A	Floor Debris @ Chase Wall	Column H20	NAD
AS101113-JM-153B	Floor Debris 1' out from Chase Wall	Column H20	NA/NS
AS101113-JM-153C	Floor Debris 2' out from Chase Wall	Column H20	NA/NS
AS101113-JM-154A	Debris at Room Threshold	Room 338	NAD
AS101113-JM-154B	Floor Debris 1' out from Threshold	Room 338	NA/NS
AS101113-JM-154C	Floor Debris 2' out from Threshold	Room 338	NA/NS
AS101113-JM-155A	**Debris at Room Threshold**	**Room 350**	**40%**
AS101113-JM-155B	**Floor Debris 1' out from Threshold**	**Room 350**	**33.3%**
AS101113-JM-155C	Floor Debris 2' out from Threshold	Room 350	NAD
AS101113-JM-156	Pipe Wrapping Debris in Chase	Column B13/B14	NAD
AS101113-JM-157A	Floor Debris @ Chase Wall	Column B13/B14	NA/NS
AS101113-JM-157B	Floor Debris 1' out from Chase Wall	Column B13/B14	NA/NS
AS101113-JM-157C	Floor Debris 2' out from Chase Wall	Column B13/B14	NA/NS
AS101113-JM-158	**Insulation Debris on Chase Floor**	**Column B15**	**57.1%**
AS101113-JM-159A	Floor Debris @ Chase Wall	Column B15	NAD
AS101113-JM-159B	Floor Debris 1' out from Chase Wall	Column B15	NA/NS
AS101113-JM-159C	Floor Debris 2' out from Chase Wall	Column B15	NA/NS
AS101113-JM-160	Random Floor Debris	Adjacent to Column B21	NAD
AS101113-JM-161	Random Floor Debris	Adjacent to Column B15/C15	NAD
AS101113-JM-162	Random Floor Debris	Adjacent to Column B11	NAD
AS101113-JM-163	Random Floor Debris	Adjacent to Column C6	NAD
AS101113-JM-164	Random Floor Debris	Adjacent to Column B2	NAD
AS101113-JM-165	Random Floor Debris	Adjacent to Column F4/G4	NAD
AS101113-JM-166	Random Floor Debris	Adjacent to Column C18	NAD
AS101113-JM-167	Random Floor Debris	Adjacent to Column H18/H19	NAD
NAD - No Asbestos Detected			
NAD** - Vermiculite Identified Within Debris Sample			
NA/NS - Not Analyzed, Stop 1st Negative Result (due to previous sample result for debris delineations)			

TABLE 2

Building 1
Basement
PIPE CHASE INVENTORY

Column Line / Chase	Chase Open (O) or Closed (C)	Intact Asbestos Pipe Insulation Present / Assumed Present	Fiberglass Pipe Insulation - Non-Suspect	Assumed/Confirmed ACM Debris Present in Chase	No Suspect Debris Observed in Chase	Debris in Chase Sampled	Delineation Sampling at Chase	Contamination Extends beyond Chase
A-1	O			X				NO
A-2	O - Partial			X				NO
A-3	C							
A-4	O - Partial			X				NO
A-5	C							
A-6	O - Partial			X				NO
A-7	C							
A-8	C	X[1]		X				NO
A-9	C							
A-10	C	X[1]		X				NO
A-11	C							
A-12	C	X[1]		X				NO
A-13	C							
A-14	C	X[1]		X				NO
A-15	C							
A-16	O - Partial			X		X		NO
A-17	C							
A-18	O - Partial	X		X				NO
A-19	C							
A-20	O - Partial			X				NO
A-21	C							
A-22	O - Partial			X				NO
B-1	O - Partial			X				NO
B-8	C							
B-9	C							
B-14	C							
B-15	O - Partial	X		X				NO
B-19	C							
B-22	C							
C-1	C							NO
C-9	C							
C-10	C							
C-13	C	X[1]		X				NO
C-14	C							
C-17	O - Partial	X		X				NO
C-22	O			X		X	X	NO
D-1	O - Partial	X		X				NO
D-2	C							
D-3	C	X[1]		X				
D-4	C							
D-5	O			X				
D-6	C	X[1]		X				NO

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TABLE 2

Building 1
Basement
PIPE CHASE INVENTORY

Column Line / Chase	Chase Open (O) or Closed (C)	Intact Asbestos Pipe Insulation Present / Assumed Present	Fiberglass Pipe Insulation - Non-Suspect	Assumed/Confirmed ACM Debris Present In Chase	No Suspect Debris Observed in Chase	Debris in Chase Sampled	Delineation Sampling at Chase	Contamination Extends beyond Chase
D-7	C							
D-8	C	X[1]		X				NO
D-9	C							
D-10	C	X[1]		X				NO
D-11	O			X		X	X	NO
D-12	O			X		X	X	NO
D-13	O - Partial			X				NO
D-15	O - Partial			X				NO
D-16	C	X[1]		X				NO
D-17	O - Partial			X				NO
D-18	C	X[1]		X				NO
D-19	C	X[1]		X				NO
D-20	O			X		X	X	NO
D-21	O			X		X	X	NO
D-22	O			X		X	X	YES
F-3	C	X[1]		X				NO
F-5	C							
F-6	O			X				NO
F-17	O				X	X		
F-18	O			X		X	X	NO
F-20	C	X[1]		X				NO
G-3	C							
G-6	C							
G-17	C							
G-20	C							
H-3	C	X[1]		X				NO
H-4	C							
H-5	C	X[1]		X				NO
H-6	C	X[1]		X				NO
H-17	O	X			X			NO
H-18	C							
H-19	O				X			
H-20	O				X	X		
X[1]	Pipe Insulation Debris Assumed to be Present							

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TABLE 2

Building 1
Second Floor
PIPE CHASE INVENTORY

Column Line / Chase	Chase Open (O) or Closed (C)	Intact Asbestos Pipe Insulation Present	Fiberglass Pipe Insulation - Non-Suspect	Assumed/Confirmed ACM Debris Present in Chase	No Suspect Debris Observed in Chase	Debris in Chase Sampled	Delineation Sampling at Chase	Contamination Extends beyond Chase
A-1	C							
A-2	O				X			
A-3	C							
A-4	O				X			
A-5	C							
A-6	O				X			
A-7	O				X			
A-8	O			X			X	NO
A-9	C							
A-10	O			X			X	NO
A-11	C							
A-12	O			X			X	NO
A-13	O				X			
A-14	O			X			X	NO
A-15	O				X			
A-16	O			X			X	NO
A-17	C							
A-18	O			X			X	NO
A-19	O				X			
A-20	O				X			
A-21	C							
A-22	O				X			
B-1	O			X		X	X	NO
B-8	C							
B-9	C							
B-14	C							
B-15	O			X		X	X	NO
B-19	C							
B-22	C							
C-1	O			X		X		NO
C-6	O			X		X		NO
C-9	C							
C-10	C							
C-13	C	X[1]		X				
C-14	C							
C-17	O			X		X		NO
C-22	C	X[1]		X				NO
D-1	O				X			
D-2	C							
D-3	O			X		X	X	NO
D-4	C							

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TABLE 2

Building 1
Second Floor
PIPE CHASE INVENTORY

Column Line / Chase	Chase Open (O) or Closed (C)	Intact Asbestos Pipe Insulation Present	Fiberglass Pipe Insulation - Non-Suspect	Assumed/Confirmed ACM Debris Present in Chase	No Suspect Debris Observed in Chase	Debris in Chase Sampled	Delineation Sampling at Chase	Contamination Extends beyond Chase
D-6	O			X		X	X	NO
D-7	C							
D-8	C	X[1]		X				NO
D-9	C							
D-10	O			X		X	X	NO
D-11	O			X		X	X	NO
D-12	O			X		X	X	NO
D-13	C							
D-14	C							
D-15	O			X		X	X	NO
D-16	C							
D-17	O			X		X	X	NO
D-19	C							
D-20	O			X		X	X	NO
D-21	O				X			
D-22	O				X			
E-3	C							
E-6	O - Partial			X		X		NO
E-12	C							
F-3	O			X		X	X	NO
F-5	C							
F-6	O			X		X	X	NO
F-17	O			X		X	X	NO
F-20	O			X		X	X	NO
G-3	C							
G-6	O				X			
G-17	O				X	X		
G-20	O				X	X		
H-3	O			X		X	X	NO
H-4	C							
H-5	O			X		X	X	NO
H-6	O			X		X	X	NO
H-17	O				X	X	X	
H-18	C							
H-19	O			X		X	X	
H-20	O				X	X	X	
X[1]	Pipe Insulation Debris Assumed to be Present							

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TABLE 2

Building 1
Third Floor
PIPE CHASE INVENTORY

Column Line / Chase	Chase Open (O) or Closed (C)	Intact Asbestos Pipe Insulation Present	Fiberglass Pipe Insulation - Non-Suspect	Assumed/Confirmed ACM Debris Present In Chase	No Suspect Debris Observed in Chase	Debris in Chase Sampled	Delineation Sampling at Chase	Contamination Extends beyond Chase
A-1	C							
A-2	O			X		X	X	NO
A-3	C							
A-4	O			X		X	X	NO
A-5	C							
A-6	O				X	X		NO
A-7	C							
A-8	O			X		X	X	NO
A-9	C							
A-10	O				X			
A-11	C							
A-12	O				X			
A-13	C							
A-14	O - Partial			X		X		NO
A-15	C							
A-16	O			X		X	X	NO
A-17	C							
A-18	O				X			
A-19	C							
A-20	O				X	X		
A-21	C							
A-22	O - Partial			X				NO
B-1	O				X			
B-8	C							
B-9	C							
B-14	O				X			
B-15	C			X		X	X	NO
B-19	C							
B-22	C							
C-1	C							
C-6	O			X		X	X	NO
C-9	C							
C-10	C							
C-13	C							
C-14	C							
C-17	O			X		X	X	NO
C-22	O			X		X	X	NO
D-1	O				X	X		
D-2	C							
D-3	O				X			
D-4	C							

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TABLE 2

Building 1
Third Floor
PIPE CHASE INVENTORY

Column Line / Chase	Chase Open (O) or Closed (C)	Intact Asbestos Pipe Insulation Present	Fiberglass Pipe Insulation - Non-Suspect	Assumed/Confirmed ACM Debris Present in Chase	No Suspect Debris Observed in Chase	Debris in Chase Sampled	Delineation Sampling at Chase	Contamination Extends beyond Chase
D-6	O				X			
D-7	C							
D-8	O				X			
D-9	C							
D-10	O - Partial			X				NO
D-11	C							
D-12	C							
D-13	O				X			
D-14	C							
D-15	O				X			
D-16	C							
D-17	O				X			
D-19	C							
D-20	O			X			X	NO
D-21	C							
D-22	O			X			X	NO
E-3	C							
E-6	C							
E-12	C							
F-3	O			X		X	X	NO
F-5	C							
F-6	O				X	X		
F-16	O			X			X	NO
F-17	O			X			X	NO
F-20	O			X			X	NO
G-3	C							
G-6	C							
G-17	C							
G-20	C							
H-3	O				X	X		
H-4	C							
H-5	O				X			
H-6	O				X			
H-17	O				X			
H-18	C							
H-19	O			X			X	NO
H-20	O			X		X	X	NO
X[1]	Pipe Insulation Debris Assumed to be Present							

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Table 3

Building 1
Basement, 2nd and 3rd Floors
Summary of ACMs and Estimated Quantities

Basement Level				
Room 12 - Women's Rm	Debris - contaminated area	250		
Room 14	Pipe/Fitting Insulation		30	
Room 14	Debris - contaminated area	160		
Room 20 - Paper Storage	Debris - contaminated area	1200		
Central Corridor	Debris - contaminated area	860		
Room 26B - Pipe chase to Building 1A	Mag Pipe/Fitting Insulation		8	
Room 27	Debris - contaminated area	225		
Room 30	Debris - contaminated area	225		
Room 91 - Storage	Debris - contaminated area	155		
Pipe Chases throughout floor	Pipe Insulation Debris	345		
Pipe Chases throughout floor	Intact Pipe/Fitting Insulation		528	
Room 12A - Janitors Clos.	Intact Pipe/Fitting Insulation (above plaster ceiling)		50	
Second Floor				
Pipe Chases throughout floor	Pipe Insulation Debris	290		
Pipe Chases throughout floor	Intact Pipe/Fitting Insulation		72	
Room 252	Debris - contaminated area	225		
Room 263	Debris - contaminated area	225		
Above Ceiling - Passage to 255	Debris - contaminated area	5		
Duct Space - adj. 259	Pipe/Fitting Insulation		16	
Room 234	Floor Tile/Mastic	16		
Third Floor				
Pipe Chases throughout floor	Pipe Insulation Debris	210		
Room 338	Debris - contaminated area	225		
Room 350	Debris - contaminated area	225		
Room 353	Debris - contaminated area	125		
Above Ceiling - Room 340	Pipe/Fitting Insulation		16	

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
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**Results are Interim Pending Quality Control Review

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page ____ of ____

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
NYSOGS	Building 1	Brian Coulombe	AELLB04
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905 AD	NYSOGS Campus	Brian Coulombe	☐ Manufacturer ☐ Gilibrator ☐ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter**
10-2-13	Assessment 2nd/3rd FL	Manufacturer EMS Lot # 20171024	Manufacturer _____ Lot # _____

9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient ☒ Other Assessment

4d: Calibration Date 9-23-13

DAILY AIR SAMPLE RECORD

SHIFT HOURS 0700 to 1700 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
011	88809			Field Blank								0/100	0.00	
012	81810			Field Blank								1/100	1.27	
013	81811			2nd FL - O/S Mech Rm 252	1445	1615	90	10	10	10	900	7/100	9.28	0.004
014	81812			- Area 248	1447	1617			10			6/100	7.01	< 0.003
015	81813			- O/S Stair #3	1449	1619			10			10/100	12.1	0.005
016	81814			- Area 234	1450	1620			10			15/100	18.5	0.008
017	81815			3rd FL - O/S Stair #1	1456	1626			10			7/100	9.28	0.004
018	81816			- Area 357	1457	1627			10			7/100	9.28	0.004
019	81807			- Area 322	1459	1629			10			14/100	17.2	0.007
020	81818			- O/S Mech Rm 338	1500	1630			10			8/100	9.55	0.004

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10-2-13	1710		10/2	7PM
II.					
III.					

LAB INFORMATION

☐ Dropbox

23. Lab Name			24. Date	25. Time
a. Analyzed By:			10/8/2013	
b. QC by:				
c. Lab Batch #: 1585-8910	QC# Std:	QC# Std:		

26. Project Manager:	27. Results To:	28. Drawing:	29: Comments:
Bryan Cleary	Bryan Cleary Phone #'s: Fax:	☒ See drawing for this shift. ☐ See drawing dated:	O/S = outside

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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

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TURNAROUND TIME
X Rush
☐ 24 hour Other 10D

PROJECT INFORMATION

1. Client: NYSOGS	3. Project Name: Building 1	4. Project Monitor: Brian Coulombe	4b. Rotameter Number: AECC 504
2. Project Number: 130905AD	3a. Project Address: NYSOGS Campus	4a. Air Sampler: Brian Coulombe	4c: Rotameter calibration: ☐ Manufacturer ☒ Gilibrator ☐ Drycal
5. Date: 10-2-13	6. Abatement Location: Assessment	7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer: EMS Lot #: 2012 1089 / 8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer: ____ Lot #: ____	9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☒ Other Assessment	4d: Calibration Date: 9-23-13

DAILY AIR SAMPLE RECORD

SHIFT HOURS 0700 to 1700 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location: 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock): 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute): 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
001	81799			Field Blank	X	X	X	X	X	X	X	0/100	0.00	
002	81800			Field Blank								0/100	0.00	
003	81801			1StFL - 142 Area	1230	1400	90	10	10	10	900	11/100	14.0	0.006
004	81802			" - 138 Area	1231	1401			10			17/100	26.7	0.009
005	81803			" - 134 Area	1232	1402			10			12/100	15.3	0.007
006	81804			" - 160 Area	1233	1403			10			15/100	19.1	0.008
007	81805			Basement - Outside Stair #1	1302	1432			10			17/100	21.7	0.009
008	81806			" - Outside Transformer Rm	1303	1433			10			11/100	14.0	0.006
009	81807			" - Outside Stair #3	1305	1435			10			10/100	12.7	0.005
010	81808			" - Outside Storage 53	1306	1436	"	"	10	"	"	8/100	10.2	0.004

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10-2-13	1910		10/2	2010
II.					
III.					

LAB INFORMATION

23. Lab Name		24. Date	25. Time
a. Analyzed By:		10/2	2049
b. QC by:			
c. Lab Batch #: 535-8909	QC#: Std:	QC#: Std:	QC#: Std:

26. Project Manager:	27. Results To: Bryan Cleary Phone #'s: ____ Fax: ____	28. Drawing: ☒ See drawing for this shift. ☐ See drawing dated: ____	29: Comments:

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OCT 24 2013
New York State Dept. of Labor
Engineering Services Unit

PLM Bulk Asbestos Report

Clough Harbour & Associates LLP
Attn: James Morey
111 Winners Circle

Albany, NY 12205

Date Received 10/14/13 **AmeriSci Job #** 213102632
Date Examined 10/15/13 **P.O. #**
ELAP # 11480 **Page** 1 **of** 25
RE: 25083; Harriman Campus; Bldg. 1, NY (Report Amended 10/21/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
39	213102632-01	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ Stairwell		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 92.5 %, Vermiculite 7.5 %		
40	213102632-02	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/15/13
	Location: Paint Debris @ Column C3		
	Analyst Description: OffWhite, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 12.1 %		
41	213102632-03	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Plaster Debris In Corridor (Adj To Trans. Room)		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 93.7 %, Vermiculite 6.3 %		
42	213102632-04	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Plaster Debris In Women's Rm		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 95 %, Vermiculite 5 %		
43	213102632-05	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Plaster Debris In Men's Rm		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
44	213102632-06	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/15/13
	Location: Paint Debris @ Column A16		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 8.6 %		
45	213102632-07	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Plaster Debris/ Between Columns A21&B21		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 94 %, Vermiculite 6 %		
46	213102632-08	*Yes*	0.5 % [1] (ELAP 198.1; 400pc) by David W. Roderick on 10/15/13
	Location: Floor Debris @ Column C17		
	Analyst Description: Grey, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types: Chrysotile 0.5 %		
	Other Material: Non-fibrous 97.7 %, Vermiculite 1.8 %		
47	213102632-09	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Paper Debris In Corridor Adj. To C20		
	Analyst Description: OffWhite, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 99 %, Non-fibrous 1 %		
48	213102632-10	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Plaster Debris @ Column F16		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 92.7 %, Vermiculite 7.3 %		
49	213102632-11	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ Column H2O		
	Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 40 %, Fibrous glass 25 %, Non-fibrous 35 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
50	213102632-12	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Plaster Debris		
	Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
51	213102632-13	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Plaster Debris @ Women's Rm Chase Wall		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
52	213102632-14	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Plaster Debris @ Men's Rm Chase Wall		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 93.2 %, Vermiculite 6.8 %		
53A	213102632-15	*Yes*	Trace (<0.25 % pc) (ELAP 198.1; 400pc) by David W. Roderick on 10/15/13
	Location: Plaster Debris @ D22 Chase Wall		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types: Chrysotile <0.25 % pc		
	Other Material: Non-fibrous 100 %		
53B	213102632-16	*No*	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
	Location: Plaster Debris @ D22-1' Out		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose Trace, Non-fibrous 100 %		
53C	213102632-17		NA
	Location: Plaster Debris @ D22-1' Out		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
54A	213102632-18	*Yes*	0.5 %
	Location: Floor Debris @ F18 Chase Wall		(ELAP 198.1; 400pc) by David W. Roderick on 10/15/13
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types: Chrysotile 0.5 %		
	Other Material: Cellulose 10 %, Non-fibrous 89.5 %		
54B	213102632-19	*No*	NAD
	Location: Plaster Debris @ F18- 1' Out		(by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 92 %, Vermiculite 8 %		
54C	213102632-20		NA
	Location: Plaster Debris @ F18-2' Out		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
55	213102632-21	*No*	NAD
	Location: Floor Debris @ D/C 6		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 94.5 %, Vermiculite 5.5 %		
56	213102632-22.1	*No*	NAD
	Location: Floor Debris @ B8 - Finish Coat		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
56	213102632-22.2	*No*	NAD
	Location: Floor Debris @ B8 - Base Coat		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		

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57	213102632-23	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/15/13
	Location: Floor Debris @ E/F 5		
	Analyst Description: Yellow, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 40 %, Non-fibrous 4 %		
58	213102632-24.1	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ C12 - Finish Coat		
	Analyst Description: White, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
58	213102632-24.2	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ C12 - Base Coat		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
59	213102632-25	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ B17		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 93.5 %, Vermiculite 6.5 %		
60	213102632-26	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ G19-20		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 94.7 %, Vermiculite 5.3 %		
61	213102632-27	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ D18		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 95.2 %, Vermiculite 4.8 %		

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62	213102632-28	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Floor Debris @ G4			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 95 %, Vermiculite 5 %			
63	213102632-29	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Chase Floor Debris Column F20			
Analyst Description: Brown, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 2 %, Non-fibrous 98 %			
64	213102632-30	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Chase Floor Debris Column D8			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
65	213102632-31	*Yes*	44.4 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Pipe Insulation Debris Column E6			
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 44.4 % **Other Material:** Cellulose 50 %, Non-fibrous 5.6 %			
66A	213102632-32	*Yes*	Trace (<0.25 % pc) (ELAP 198.1; 400pc) by David W. Roderick on 10/15/13
Location: Debris @ Chase Wall Column A8			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile <0.25 % pc **Other Material:** Cellulose 2 %, Non-fibrous 98 %			
66B	213102632-33	*No*	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
Location: Debris @ 1' Out Column A8			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Cellulose Trace, Fibrous glass Trace, Synthetic fibers Trace, Non-fibrous 100 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
66C	213102632-34		NA
	Location: Debris @ 2' Out Column A8		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
67	213102632-35	*No*	NAD
	Location: Pipe Insulation Debris On Chase Floor A10		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: OffWhite, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 95 %, Non-fibrous 5 %		
68	213102632-36	*No*	NAD
	Location: Pipe Spacer On Chase Floor A10		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Fibrous glass 95 %, Non-fibrous 5 %		
69A	213102632-37	*No*	NAD
	Location: Debris- @ Chase Wall A10		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 93.7 %, Vermiculite 6.3 %		
69B	213102632-38		NA
	Location: Debris- @ 1' Out A10		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
69C	213102632-39		NA
	Location: Debris @ 2' Out A10		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
70	213102632-40	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Paper Debris In Chase A12			
Analyst Description: Tan, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 99 %, Non-fibrous 1 %			
71A	213102632-41		NA
Location: Debris @ Chase Wall A12			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
71B	213102632-42		NA
Location: Debris @ 1' Out A12			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
71C	213102632-43		NA
Location: Debris @ 2' Out A12			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
72	213102632-44	*Yes*	66.7 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Insulation Paper Debris A14			
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 66.7 % **Other Material:** Cellulose 30 %, Non-fibrous 3.3 %			
73	213102632-45	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Insulation Paper Debris A14			
Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Cellulose 99 %, Non-fibrous 1 %			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
74A	213102632-46	*No*	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
	Location: Chase Floor Debris- @ Chase Wall A14		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose Trace, Non-fibrous 100 %		
74B	213102632-47		NA
	Location: Chase Floor -1' Out A14		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
74C	213102632-48		NA
	Location: Chase Floor-2' Out A14		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
75	213102632-49	*Yes*	50 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Insulation Debris On Chase Floor A16		
	Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types: Chrysotile 50.0 %		
	Other Material: Cellulose 45 %, Non-fibrous 5 %		
76	213102632-50	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Insulation Debris On Chase Floor A16		
	Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 99 %, Non-fibrous 1 %		
77A	213102632-51	*No*	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
	Location: Chase Debris @ Chase Wall A16		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose Trace, Non-fibrous 100 %		

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77B	213102632-52		NA
	Location: Chase Debris @ 1' Out A16		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
77C	213102632-53		NA
	Location: Chase Debris @ 2' Out A16		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
78	213102632-54	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Insulation Debris On Chase Floor A18		
	Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 99 %, Non-fibrous 1 %		
79A	213102632-55		NA
	Location: Floor Debris- @ Chase Wall A18		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
79B	213102632-56		NA
	Location: Floor Debris- 1' Out A18		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
79C	213102632-57		NA
	Location: Floor Debris- 2' Out A18		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		

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AmeriSci Job #: **213102632**
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80	213102632-58	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris In Chase B1		
	Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 99 %, Non-fibrous 1 %		
81A	213102632-59		NA
	Location: Floor Debris @ Chase Wall B1		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
81B	213102632-60		NA
	Location: Floor Debris @ 1' Out B1		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
81C	213102632-61		NA
	Location: Floor Debris @ 2' Out B1		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
82	213102632-62	*Yes*	66.7 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris In Chase B15		
	Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types: Chrysotile 66.7 %		
	Other Material: Cellulose 30 %, Non-fibrous 3.3 %		
83A	213102632-63	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris- @ Chase Wall B15		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		

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83B	213102632-64		NA
	Location: Floor Debris- 2 1' Out (North) B15		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
83C	213102632-65		NA
	Location: Floor Debris- @ 2' Out (North) B15		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
84	213102632-66	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Debris On Chase Floor C1		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		
85A	213102632-67		NA
	Location: Debris On @ Chase Wall C1		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
85B	213102632-68		NA
	Location: Floor Debris- 1' Out C1		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
85C	213102632-69		NA
	Location: Floor Debris- 2' Out C1		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		

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86A	213102632-70	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris- @ Chase Wall- South- C6		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
86B	213102632-71		NA
	Location: Floor Debris- 1' Out C6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
86C	213102632-72		NA
	Location: Floor Debris- 2' Out C6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
87A	213102632-73	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ Chase Wall- South C17		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 94.2 %, Vermiculite 5.8 %		
87B	213102632-74		NA
	Location: Floor Debris @ 1 Out C17		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
87C	213102632-75		NA
	Location: Floor Debris @ 2' Out C17		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		

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88	213102632-76	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Bulk Debris (Floor)- In Chase D3		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
89A	213102632-77		NA
	Location: Bulk Debris (Floor)- @ Chase Wall D3		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
89B	213102632-78		NA
	Location: Bulk Debris (Floor)- 1' Out D3		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
89C	213102632-79		NA
	Location: Bulk Debris (Floor) - 2' Out D3		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
90	213102632-80	**Yes**	40 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Insulation Paper Debris In Chase D6		
	Analyst Description: OffWhite, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types: Chrysotile 40.0 %		
	Other Material: Cellulose 55 %, Non-fibrous 5 %		
91A	213102632-81	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ Chase Wall- East D6		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
91B	213102632-82		NA
	Location: Floor Debris- 1' Out East D6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
91C	213102632-83		NA
	Location: Floor Debris- 2' Out East D6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
92A	213102632-84	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ Chase Wall- North D6		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
92B	213102632-85		NA
	Location: Floor Debris-1' Out (North) D6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
92C	213102632-86		NA
	Location: Floor Debris-2' Out (North) D6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
93	213102632-87	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Debris in Chase D10		
	Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 99 %, Non-fibrous 1 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
94A	213102632-88		NA
	Location: Floor Debris @ Chase Wall D10		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
94B	213102632-89		NA
	Location: Floor Debris @ 1' Out D10		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
94C	213102632-90		NA
	Location: Floor Debris 2' Out D10		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
95	213102632-91	*Yes*	25 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Debris In Chase D11		
	Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types: Chrysotile 25.0 %		
	Other Material: Cellulose 70 %, Non-fibrous 5 %		
96A	213102632-92	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ Chase Wall D11		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
96B	213102632-93		NA
	Location: Floor Debris @ 1' Out D11		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
96C	213102632-94 **Location:** Floor Debris @ 2' Out D11		NA
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
97A	213102632-95 **Location:** Floor Debris- @ Chase Wall D12	*Yes*	17.4 % [1] (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: Grey, Heterogeneous, Fibrous, Cementitious, Bulk Material **Asbestos Types:** Chrysotile 17.4 % **Other Material:** Animal hair Trace, Non-fibrous 82.6 %		
97B	213102632-96 **Location:** Floor Debris- 1' Out D12	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		
97C	213102632-97 **Location:** Floor Debris- 2' Out D12		NA
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
98	213102632-98 **Location:** Insulation Debris D15	*Yes*	57.1 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 57.1 % **Other Material:** Cellulose 40 %, Non-fibrous 2.9 %		
99A	213102632-99 **Location:** Floor Debris @ Chase Wall D15	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		

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Client No. / HGA	Lab No.	Asbestos Present	% Asbestos
99B	213102632-100		NA
	Location: Floor Debris 1' Out D15		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
99C	213102632-101		NA
	Location: Floor Debris 2' Out D15		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
100	213102632-102	*Yes*	22.2 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Insulation Debris In Chase D20		
	Analyst Description: Brown/Grey, Heterogeneous, Fibrous, Bulk Material		
	Asbestos Types: Chrysotile 22.2 %		
	Other Material: Cellulose 75 %, Non-fibrous 2.8 %		
101A	213102632-103	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris- @ Chase Wall D20		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
101B	213102632-104		NA
	Location: Floor Debris- 1' Out D20		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
101C	213102632-105		NA
	Location: Floor Debris- 2' Out D20		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
102	213102632-106	*Yes*	66.7 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Debris In chase D17		
	Analyst Description: Grey, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 66.7 % **Other Material:** Cellulose 30 %, Non-fibrous 3.3 %		
103A	213102632-107	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Debris In @ Chase Wall D17		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %		
103B	213102632-108		NA
	Location: Debris In- 1' Out D17		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
103C	213102632-109		NA
	Location: Debris- 2' Out D17		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
104	213102632-110	*Yes*	14.8 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Debris In Chase F3		
	Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** Chrysotile 14.8 % **Other Material:** Cellulose 80 %, Non-fibrous 5.2 %		
105A	213102632-111	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Debris- @ Chase Wall F3		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 95.5 %, Vermiculite 4.5 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
105B	213102632-112		NA
	Location: Debris- @ 1' Out F3		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
105C	213102632-113		NA
	Location: Debris @ 2' Out F3		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
106	213102632-114	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Debris In Chase F6		
	Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 99 %, Non-fibrous 1 %		
107A	213102632-115		NA
	Location: Debris- @ Chase Wall F6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
107B	213102632-116		NA
	Location: Debris- @ 1' Out F6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
107C	213102632-117		NA
	Location: Debris @ 2' Out F6		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
108A	213102632-118	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris- @ Chase Wall F17		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
108B	213102632-119		NA
	Location: Floor Debris @ 1' Out F17		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
108C	213102632-120		NA
	Location: Floor Debris- @ 2' Out F17		
	Analyst Description: Bulk Material		
	Asbestos Types:		
	Other Material:		
109	213102632-121	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Bulk Debris In Chase H3		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
110	213102632-122	*No*	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
	Location: Bulk Debris In Chase H3		
	Analyst Description: Grey/Brown/White, Heterogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Animal hair Trace, Cellulose 1 %, Non-fibrous 99 %		
111A	213102632-123	*No*	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
	Location: Floor Debris- @ Chase Wall H3		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose Trace, Non-fibrous 91 %, Vermiculite 9 %		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
111B	213102632-124		NA
	Location: Floor Debris- @ 1' Out H3		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
111C	213102632-125		NA
	Location: Floor Debris- 2' Out H3		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
112	213102632-126	*No*	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/15/13
	Location: Floor Debris In Chase H5		
	Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 49.6 %		
113A	213102632-127		NA
	Location: Floor Debris @ Chase Wall H5		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
113B	213102632-128		NA
	Location: Floor Debris @ 1' Out H5		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		
113C	213102632-129		NA
	Location: Floor Debris @ 2' Out H5		
	Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
114	213102632-130	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris In Chase H6		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Animal hair Trace, Non-fibrous 100 %		
115	213102632-131	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris @ Chase Wall H6		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
116	213102632-132	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris- In Chase H17		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		
117	213102632-133	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris- In Chase H17		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose Trace, Non-fibrous 100 %		
118	213102632-134	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris In Chase H19		
	Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material		
	Asbestos Types:		
	Other Material: Cellulose 99 %, Non-fibrous 1 %		
119A	213102632-135	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
	Location: Floor Debris- @ Chase Wall H19		
	Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material		
	Asbestos Types:		
	Other Material: Non-fibrous 100 %		

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AmeriSci Job #: **213102632**
Client Name: Clough Harbour & Associates LLP

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
119B	213102632-136		NA
Location: Floor Debris- 1' Out H19			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
119C	213102632-137		NA
Location: Floor Debris- 2' Out H19			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
120	213102632-138	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Floor Debris In Chase H20			
Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material **Asbestos Types:** **Other Material:** Fibrous glass 50 %, Non-fibrous 50 %			
121	213102632-139	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Floor Debris In Chase H2O			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
122A	213102632-140	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Floor Debris- @ Room 252 Threshold H2O			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
122B	213102632-141		NA
Location: Floor Debris- 1' Out			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
122C	213102632-142		NA
Location: Floor Debris- 2' Out			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
123A	213102632-143	*No*	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Location: Floor Debris @ Rm 253 Threshold			
Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementitious, Bulk Material **Asbestos Types:** **Other Material:** Non-fibrous 100 %			
123B	213102632-144		NA
Location: Floor Debris- 1' Out			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			
123C	213102632-145		NA
Location: Floor Debris- 2' Out			
Analyst Description: Bulk Material **Asbestos Types:** **Other Material:**			

Reporting Notes:

(1) Analysis Results For Soil, Dust, Or Debris May Be Highly Variable Because Of The Heterogeneous Nature Of These Samples

Analyzed by: David W. Roderick

*NAD/NSD =no asbestos detected; NA =not analyzed; NA/PS=not analyzed/positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 200546-0), ELAP PLM Method 198.1 for NY friable samples, which includes the identification and quantitation of vermiculite or 198.6 for NOB samples (NY ELAP Lab ID11480); Note:PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non asbestos-containing in NY State (also see EPA Advisory for floor tile, FR 59,146,38970,8/1/94) National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the lab.This PLM report relates ONLY to the items tested. AIHA Lab # 102643, RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

Reviewed By:_____ END OF REPORT

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Company: CHA Consulting, Inc.
Street Address: 3 Winners Circle
City: Albany State: N.Y. Zip: 12205
Phone: Fax:
Cell: (518) 453-3915 Fax:
E-mail: jmorey@chacompanies.com Verbal Results: Y (N)
Results to: →

AmeriSci #: 213102632
Project: Harriman Campus
Proj Mgr: Seth Fowler
Proj #: 25083
Proj Address: Bldg 1
Proj State: NY
Analysis: x PLM; _ Positive Stop; _ TEM; _ NY ELAP PLM/TEM w/ NOB Prep.
ASTM Dust _ (Microvac) _ (Wipe); _ Qualitative; _ Other (describe in comments)
Turnaround Time: 24 hr. Material Type: x Bulk _ Dust _ Water
Sampled By: Jim Morey Date Sampled: 10/11/13

Special Instructions or Comments: All sample #'s Preceded by: (AS101113-JM-)

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
	39	Floor Debris	@ stairwell	Analyze All
	40	Paint Debris	@ Column C3	
	41	Plaster Debris	in Corridor (adj to trans.lm	
	42	Plaster Debris	in women's Rm	
	43	Plaster Debris	in Men's Rm	
	44	Paint Debris	@ Column A16	
	45	Plaster Debris	Between Column A21+B21	
	46	Floor Debris	@ Column C17	
	47	Paper Debris	in Corridor adj. to C20	
	48	Plaster Debris	@ Column F16	
	49	Floor Debris	@ Column H20	
	50	Plaster Debris		
	50	Plaster Debris	@ Women's Rm Chase wall	
	52	Plaster Debris	@ Mens Rm Chase wall	
	53A	Plaster Debris	@ D20 Chase wall	
	53B		@ D22 - 1' out	
	53C	↓	@ D22 - 2' out	

PLEASE ANALYZE!

Per Work Stop

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NEW YORK, NY 10016
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PHONE: (212) 679-8600
FAX: (212) 679-9352

Company:	Project:
Street Address:	Proj Mgr:
City: State: Zip:	Proj Address:
Phone: Fax:	Analysis: __PLM; __ Positive Stop; __TEM; __ NY ELAP PLM/TEM w/ NOB Prep.
Cell: Fax:	ASTM Dust __(Microvac) (Wipe); __Qualitative; __Other (describe in comments)
E-mail Verbal Results: Y / N	Turnaround Time: Material Type: __Bulk __Dust __Water
Results to:	Sampled By: Date Sampled:

AMERISCI #: 213102632

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
↑	54A	Floor Debris	@ F18 Chase wall	Stop 1st Negative
	54B	Plaster Debris (PLEASE Analyze)	@ F16 - 1' out	↓
Bag 2nd Fl	54C	Plaster Debris	@ F18 - 2' out	
	55	Floor Debris @ D/C 6	—	Analyze All
	56	@ B8	—	
↓	57	@ E/F 5	—	
	58	@ C12	—	
	59	@ B17	—	
	60	@ G 19-20	—	
	61	@ D8	—	
	62	@ G4	—	
	63	Chase Floor Debris	Column T-20	Analyze All
	64	Chase Floor Debris	Column D8	
	65	Pipe Insulation Debris	" E6	
	66A	Debris @ Chase wall	" A8	↓
	66B	" @ 1' out (PLEASE ANALYZE)	"	Stop 1st 2
	66C	" @ 2' out	"	

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FAX: (212) 679-9392

Company: _____ Project: _____ AmeriSci #: 213102692

Street Address: _____ Proj Mgr: _____ Proj #: _____

City: _____ State: _____ Zip: _____ Proj Address: _____ Proj State: _____

Phone: _____ Fax: _____ Analysis: __PLM; __ Positive Stop; __TEM; __ NY ELAP PLM/TEM w/ NOB Prep.

Cell: _____ Fax: _____ ASTM Dust __(Microvac) (Wipe) __Qualitative; __Other (describe in comments)

E-mail _____ Verbal Results: Y / N Turnaround Time: _____ Material Type: __Bulk __Dust __Water

Results to: _____ Sampled By: _____ Date Sampled: _____

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
	67	Pipe Insulation Debris	on Chase Floor A10	Stop Analyze
	68	Pipe Spacer	" A10	Stop if 67 is Pos.
	69A	Debris - @ Chase wall	A10	Analyze
	69B	↓ @ 1' out	↓	Stop if 69A is N
	69C	↓ @ 2' out	↓	↓
	70	Paper Debris in Chase	A12	Stop 1st Negative
	71A	Debris @ Chase wall	↓	↓
	71B	↓ @ 1' out	↓	↓
	71C	↓ @ 2' out	↓	↓
	72	Insulation Paper Debris	A14	Stop 1st Negative
	73			
*	74A	Chase Floor Debris @ Chase Wall	PLEASE ANALYZE!	
	74B	" - 1' out	"	
	74C	" - 2' out	"	
	75	Insulation Debris on Chase Floor	A16	Stop 1st Negative
	76	"	"	

AmeriSci Bulk CoC rev May 20, 2009

Page 9

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New York State Dept. of Labor
Engineering Services Unit
Date Oct 24 2017

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PHONE: (212) 679-8600
FAX: (212) 679-9392

Company:	Project: AmeriSci #: 213102632
Street Address:	Proj Mgr: Proj #:
City: State: Zip:	Proj Address: Proj State:
Phone: Fax:	Analysis: __PLM; __ Positive Stop; __TEM; __ NY ELAP PLM/TEM w/ NO3 Prep.
Cell: Fax:	ASTM Dust __(Microvac) __(Wipe); __Qualitative; __Other (describe in comments)
E-mail Verbal Results: Y / N	Turnaround Time: Material Type: __Bulk __Dust __Water
Results to:	Sampled By: Date Sampled:

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
A	77A	Chase Debris @ Chase wall	A16 PLEASE ANALYZE	Stop 1ST Negative
	77B	@ 1' out	"	↓
	77C	@ 2' out	"	
	78	Insulation Debris on Chase Floor	A18	Stop 1ST Negative
	79A	Floor Debris - @ Chase WALL	"	↓
	79B	- 1' out	"	
	79C	↓ - 2' out	"	↓
	80	Floor Debris in Chase	B1	Stop 1ST Negative
	81A	Floor Debris @ Chase wall		↓
	81B	" @ 1' out		
	81C	" @ 2' out		↓
	82	Floor Debris in Chase	D15	Stop 1ST Negative
	83A	- @ CHASE WALL		↓
	83B	- @ 1' out		
	83C	↓ @ 2' out (North)		↓
	84	Debris on Chase Floor	C1	Stop 1ST Negative
	85A	" @ chase WALL	C1	↓

PAGE 1 OF 1

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New York State Dept. of Labor
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Company: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Phone: _____ Fax: _____

Cell: _____ Fax: _____

E-mail _____ Verbal Results: Y / N

Results to: _____

AMERISCI #: 213102632

Project: _____

Proj Mgr: _____ Proj #: _____

Proj Address: _____ Proj State: _____

Analysis: __PLM; __Positive Stop; __TEM; __NY ELAP PLM/TEM w/ NOB Prep

ASTM Dust __(Microvac) __(Wipe); __Qualitative; Other (describe in comments)

Turnaround Time: _____ Material Type: __Bulk __Dust __Water

Sampled By: _____ Date Sampled: _____

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
	85D	Floor Debris - 1' out	C1	↓
	85C	" - 2' out	"	↓
	86A	Floor Debris - @ Chase wall - South	C6	Stop 1st Negative
	86B	- 1' out	"	↓
	86C	- 2' out	"	↓
	87A	@ Chase wall - South	C17	Stop 1st Negative
	87B	@ 1' out	"	↓
	87C	@ 2' out	"	↓
	88	Bulk Debris (Floor) - in Chase	D3	Stop 1st Negative
	89A	- @ Chase wall	↓	↓
	89B	- 1' out	↓	↓
	89C	- 2' out	↓	↓
	90	Insulation Paper - Debris in Chase	D6	Stop Negative
	91A	Floor Debris @ Chase WALL - East	↓	↓
	91B	- 1' out East	↓	↓
	91C	- 2' out East	↓	↓
	92A	Floor Debris @ Chase wall - North	↓	Stop

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New York State Dept. of Labor
Asbestos Engineering Services Unit
OCT 24 2013
Page 1 of 2

AmeriSci Bulk CoC, rev May 20, 2009

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Company:	Project: AmeriSci #: 213102632
Street Address:	Proj Mgr: Proj #:
City: State: Zip:	Proj Address: Proj State:
Phone: Fax:	Analysis: __PLM; __Positive Stop; __TEM; __NY ELAP PLM/TEM w/ NOB Prep.
Cell: Fax:	ASTM Dust __(Microvac) __(Wipe); __Qualitative; __Other (describe in comments)
E-mail Verbal Results: Y / N	Turnaround Time: Material Type: __Bulk __Dust __Water
Results to:	Sampled By: Date Sampled:

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogeneous Area
	92B	Floor Debris -1' out (North)	D6	
	92C	" -2' out (North)	"	
	93	Debris in Chase	D10	Stop 1st Negative
	94A	Floor Debris @ Chase WALL	"	
	94B	" 1' out	"	
	94C	" 2' out	"	
	95	Debris in Chase	D11	Stop 1st Negative
	96A	Floor Debris @ chase WALL		
	96B	@ 1' out		
	96C	@ 2' out		
	97A	Floor Debris - @ Chase WALL	D12	Stop 1st Negative
	97B	-1' out	"	
	97C	-2' out	"	
	98	Insulation Debris	D15	Stop Negative
	99A	Floor Debris @ Chase WALL		
	99B	" 1' out		
	99C	" 2' out		

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Company:	Project:
Street Address:	Proj Mgr:
City: State: Zip:	Proj Address:
Phone: Fax:	Analysis: __PLM __Positive Stop: __TEM; __NY ELAP PLM/TEM w/ NOB Prep.
Cell: Fax:	ASTM Dust __(Microvac) __(Wipe); __Qualitative; __Other (describe in comments)
E-mail: Verbal Results: Y / N	Turnaround Time: Material Type: Bulk Dust Water
Results to:	Sampled By: Date Sampled:

AMERISCI #: 213102632

Proj #:

Proj State:

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogeneous Area
	100	Insulation Debris in Chase	D2.0 Stop	1st Negative
	101A	Floor Debris - @ Chase Wall	↓	↓
	101B	↓ - 1' out	↓	↓
	101C	↓ - 2' out	↓	↓
	102	Debris in Chase	D2.17 Stop	1st Negative
	103A	↓ @ Chase Wall	↓	↓
	103B	↓ - 1' out	↓	↓
	103C	↓ - 2' out	↓	↓
	104	Debris in Chase	F3 Stop	1st Negative
	105A	↓ - @ Chase Wall	↓	↓
	105B	↓ @ 1' out	↓	↓
	105C	↓ @ 2' out	↓	↓
	106	Debris in Chase	1-6 Stop	1st Negative
	107A	↓ - @ Chase Wall	↓	↓
	107B	↓ - @ 1' out	↓	↓
	107C	↓ @ 2' out	↓	↓

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OCT 24 2013
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Street Address:	Proj Mgr:
City: State: Zip:	Proj Address:
Phone: Fax:	Analysis: __PLM; __Positive Stop; __TEM; __NY ELAP PLM/TEM w/ NOB Prep.
Cell: Fax:	ASTM Dust __ (Microvac) __(Wipe); __Qualitative; __Other (describe in comments)
E-mail Verbal Results: Y / N	Turnaround Time: Material Type: Bulk Dust Water
Results to:	Sampled By: Date Sampled:

AMERISCI #: 213102632

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogenous Area
	108A	Floor Debris - @ Chase WALL	F17 Stop	1st Negative
	108B	@ 1' out		
	108C	@ 2' out		
	109	Bulk Debris in Chase	H3 Stop	1st Negative
	110	" PLEASE ANALYZE		
	111A	Floor Debris - @ Chase WALL		
	111B	- 1' out		
	111C	- 2' out		
	112	Floor Debris in Chase	H5 Stop	1st Negative
	113A	@ Chase WALL		
	113B	@ 1' out		
	113C	@ 2' out		
	114	Floor Debris in Chase	H6	Analyze
	115	" @ Chase WALL	"	
	116	" - In Chase	H17	
	117	" "	"	
	118	Floor Debris in Chase	H19	

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OCT 24 2013
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Received By: [signature] Date/Time: 12/14/17 1100

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Company:	Project:
Street Address:	Proj Mgr: Proj #:
City: State: Zip:	Proj Address: Proj State:
Phone: Fax:	Analysis: __PLM; __ Positive Stop; __TEM; __ NY ELAP PLM/TEM w/ NOB Prep
Cell: Fax:	ASTM Dust __ (Microvac) (Wipe); Qualitative; __Other (describe in comments)
E-mail Verbal Results: Y / N	Turnaround Time: Material Type: Bulk Dust Water
Results to:	Sampled By: Date Sampled:

AMERISCI #: 213102632

Special Instructions or Comments:

Lab ID	Field ID	Location	Sample Description (dust area)	Homogeneous Area
	119A	Floor Debris - @ Chase WALL	H19	Stop 1st Negative
	119B	-1' out		
	119C	-2' out		
	120	Floor Debris in Chase	H20	Analyze
	121	"	"	"
	122A	- @ Room 252 Threshold	Stop	1st Negative
	122B	-1' out		
	122C	-2' out		
	123A	@ Rm 253 Threshold	Stop	1st Negative
	123B	-1' out		
	123C	-2' out		

AmeriSci, Bulk CoC, rev May 20, 2009

PAGE 1 OF 1

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New York State Dept. of Labor
Engineering Services Unit

13 - 1035

UNYSE
ENVIRONMENTAL
CONSULTANTS *unyse.net*

April 14, 2014

APPROVED
APR 15 2014
New York State Dept. of Labor
Engineering Services Unit

State of New York Dept. of Labor
Division of Safety & Health
Engineering Services Unit
State Office Campus Bldg
Albany, NY 12240

Re: Asbestos Variance Application – Re-Opening
Site Specific Variance File No.13-1035
Harriman State Office Campus
Building 1/1A

Dear Sirs & Madams:

Enclosed please find our variance **Re-Opening** application to clarify abatement procedures associated with the use of mechanical means to load out cinder block walls contaminated with overspray and procedures to load out debris into 20 yard dumpsters within a contained area under negative pressure.

- Clarification for procedures to be used for the use of mechanical means to load out contaminated cinder block walls into 20 yard dumpsters within a contained area.
- Site Drawing showing location of Loading Out area.
- Please see updated methods in bold print.

The text of our proposal has been prepared by **UNYSE** with information supplied by the petitioner Titanium Demolition & Remediation Group.

Please do not hesitate to contact me if you require additional information.

Very Truly Yours,

APPROVED
APR 15 2014
New York State Dept. of Labor
Engineering Services Unit

John Glavin
Project Designer
JjG/AJM
file: Harriman Bldg. 1/1A

Narrative;

The basement has an interior cinder block wall running along the exterior wall of the building, (466x60x10). This wall has overspray contamination associated with the spray on insulation. This wall must be removed and disposed of as RACM. To perform the removal manually would take far too long and as well put workers at risk with the handling of this quantity of cinder block.

We are proposing to mechanically remove the walls using a bob cat and wet methods. The waste and debris associated with this mechanical demolition will be loaded into 20 yard dumpsters within a contained area under negative pressure.

Once the mechanical demolition has been performed we will begin manual removal and decontamination of the remainder of the associated ACM material within the basement.

Clarification of Procedures;

Mechanical Means

- All personnel entering the project shall be certified as asbestos handlers, supervisors, air sampling technicians and/or project monitors.
- Personal exposure assessment sampling shall be conducted during all activities that disturb ACM. Analysis results will be reviewed on a daily basis. If results show a concentration above the OSHA permissible exposure limit (PEL), work shall stop and procedures per OSHA 29CFR1926.1001 shall be implemented until additional exposure assessment indicates concentrations below the PEL.
- Work area enclosure /containment shall remain in place during demolition activities.
- PPE shall be worn at all times during the demolition activities consistent with OSHA regulations.
- Bobcats fitted with an exhaust scrubber will be allowed entry to the basement area and demolition of the interior block walls associated with the exterior walls will begin to also include the exterior concrete form on select columns. Wet methods shall be utilized at all times. **The Bobcat will be decontaminated, in a negative pressure enclosure using the following;**
  1. All surfaces shall be pressure washed.
  2. All grease fittings will be loaded to push any contaminated grease within, out.
  3. Remove and replace air filters.

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Engineering Services Unit

346 austin street, buffalo, new york 14207 716 833 2929 fax 716 833 9292

Loading area (see attached drawing)

- The Lobby shall be cleaned and decontaminated prior to beginning containment. This shall include a Project Monitor Visual Inspection and final air sampling as per 12 NYCRR 56 4.11.
- Ceiling and wall plasticizing shall be as per 12 NYCRR 56-11.4 (2).
- Engineering controls shall be as per 12 NYCRR 56-7.8 at **8 air changes per hour (ACH).**
- 20 cubic yard waste containers (i.e. dumpsters) shall be plasticized as per 12NYCRR 56 8.9 (g). These dumpsters shall be placed **directly in the work area in lieu of the waste out per previous amendment.**
- The dumpsters shall be loaded with debris, sealed wiped down and then placed in the wash room of the waste decontamination unit constructed per 56.7.5(e).
- Containers shall be decontaminated per 56.7.5(e) **and removed from the work area.**
- **These procedures shall continue until demolition of interior walls is complete.**

Clearance air sampling shall be conducted after waste decontamination upon project completion per 56.4.9.

All other provisions of Code Rule 12 NYCRR 56-1 THRU 56-12 shall apply.

1. **Emissions from Bobcat shall be monitored as per OSHA**
2. **Full time Project Monitor shall be on-site to observe the work procedures for compliance.**

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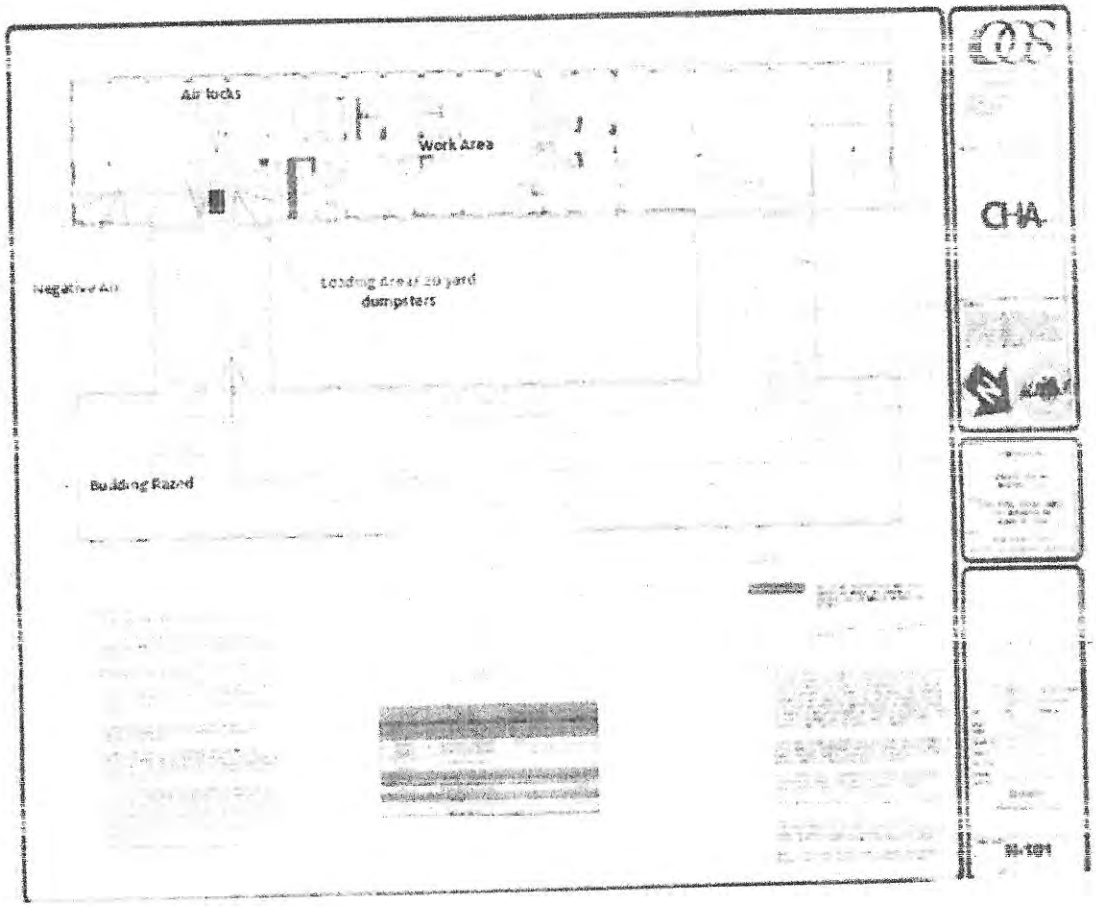
New York State Dept. of Labor
Engineering Services Unit

13 - 1035



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13 - 1035

January 01, 2014

UNYSE
ENVIRONMENTAL
CONSULTANTS *unyse.net*

State of New York Dept. of Labor
Division of Safety & Health
Engineering Services Unit
State Office Campus Bldg
Albany, NY 12240

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JAN 06 2014

New York State Dept. of Labor
Engineering Services Unit

Re: **Asbestos Variance Application – Re-Opening**
Site Specific Variance File No.13-1035
Harriman State Office Campus
Building 1/1A

Dear Sirs & Madams;

Enclosed please find our variance **Re-Opening** application to clarify abatement procedures associated with the removal of 1625 Windows containing Non Friable Glazing and Caulk. Our application package includes the following information;

- Clarification for procedures to be used for the removal of 1625 Windows containing Non Friable Glazing and Caulk.
- Letter releasing NYSOGS, CHA as the designer of record for variance No.13-1035.
- Drawing of Windows as Built.

The text of our proposal has been prepared by *unyse* with information supplied by the petitioner Titanium Demolition & Remediation Group. This variance is sought to clarify the exact procedures to be undertaken for the removal of 1625 windows containing Non Friable Glazing and Caulk to ensure complete compliance with State regulations.

Please do not hesitate to contact me if you require additional information.

Very Truly Yours,

John Glavin
Project Designer
Jjg/AJM
file: Harriman Bldg. 1/1A

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JAN 06 2014

New York State Dept. of Labor
Engineering Services Unit

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New York State Dept. of Labor
Engineering Services Unit

Narrative;

Petitioner seeks to clarify procedures for the removal of 1625 windows containing Non Friable Glazing and Caulk to ensure complete compliance with State regulations.

Each window weighs approximately 150lbs and the frame is embedded in the outer brick. The frame that holds the windows in, is stone that each side weighs over 125lbs. The windows are part of the outer stone and brick and have two more interior walls.

The weather is a safety issue as freezing temperatures with snow and ice make it a hazardous condition for the workers as ladders and lifts would be utilized to work from.

There are 1625 windows that have to be removed. This project has a very aggressive schedule and these procedures will help to keep that schedule possible.

Clarification of Procedures;

We are requesting to remove the windows by mechanical means utilizing excavators/lifts.

- All personnel entering the ~~project during activities that disturb ACM~~ shall be certified as asbestos handlers, supervisors, air sampling technicians and/or project monitors until such time as ACM/debris is removed.
- Personal exposure assessment sampling shall be conducted during all activities that disturb ACM. Analysis results will be reviewed on a daily basis. If results show a concentration above the OSHA permissible exposure limit (PEL), work shall stop and procedures per OSHA 29CFR1926.1001 shall be implemented until additional exposure assessment indicates concentrations below the PEL.
- Once the regulated abatement work area is occupied by the abatement contractor, the asbestos project begins and PPE shall be worn at all times.
- Decontamination enclosure systems will be constructed per 12 NYCRR 56-7.5 (d) and shall be remote.

1. The window portion will utilize all provisions of 12 NYCRR 56-11.6 (a) – (f). The first step will be the removal of the stone/brick from the interior to release the window.
2. The window area will then have a critical barrier installed from the interior.
3. A penetration will be made in the wall to accommodate a chain that will attach to the window and the lift/excavator.
4. The window will be pulled from the building and lowered to the ground on the drop cloths. They will then be containerized and prepared for disposal.
5. All associated material containing Glazing or caulking shall be disposed of as ACM.

At no such time shall the Non Friable material associated with the windows become friable or all work shall cease and another method utilized.

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All other provisions of Code Rule 12 NYCRR 56-1 THRU 56-12 shall apply.

JAN 06 2014

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Engineering Services Unit

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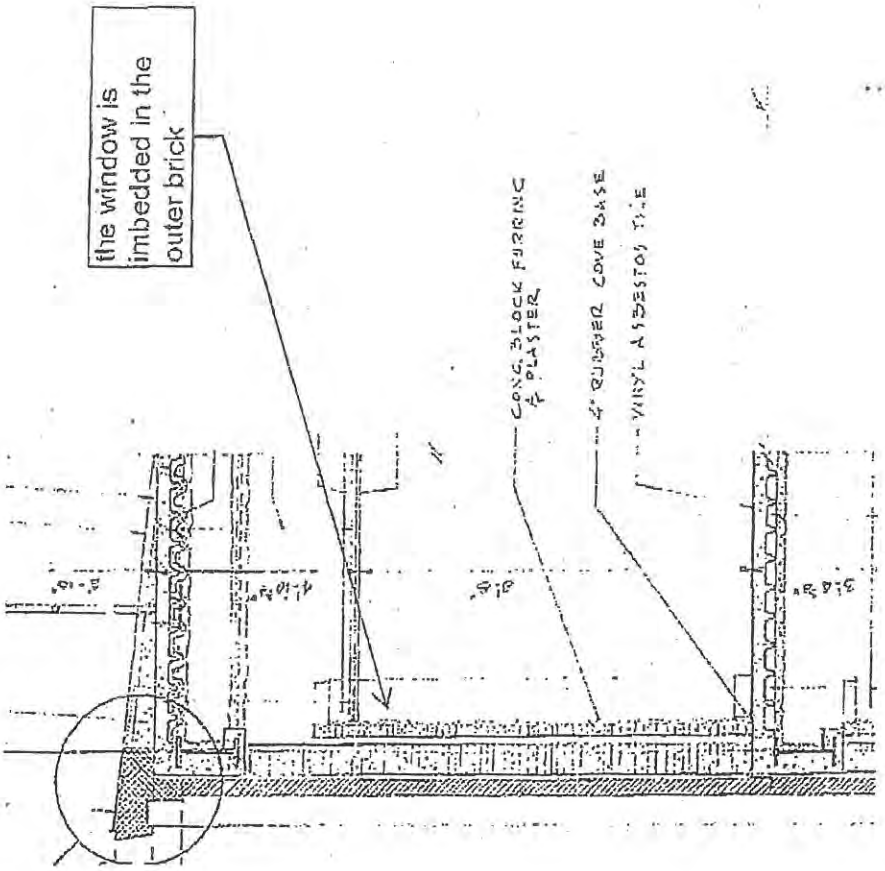

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JAN 06 2014

New York State Dept. of Labor
Engineering Services Unit

TITANIUM
DEMOLITION & REMEDIATION GROUP

Mr. John Glavin
UNYSE
346 Austin Street,
Buffalo, New York 14614

RE: Release as Designer of Record for Site Specific Variance File No. 13-1035
CHA Project No.: 25083
OGS Project No: 44845-C

Dear Mr. Glavin:
Titanium is giving UNYSE the right and power to change/add and update the site specific variance (File No. 13-1035) I behalf of Titanium.

Sincerely,

Scott A. L. Gamache

General Manager

APPROVED

JAN 06 2014

New York State Dept. of Labor
Engineering Services Unit

4907 IDA Park Drive • P.O. Box 471 • Lockport, NY 14095-0471 • Phone: (716)433-4100 • Fax (716)433-1400

Pg. 4 of 6

ANDREW M. CUOMO
GOVERNOR

STATE OF NEW YORK
EXECUTIVE DEPARTMENT
OFFICE OF GENERAL SERVICES
MAYOR ERASTUS CORNING 2ND TOWER
THE GOVERNOR NELSON A. ROCKEFELLER EMPIRE STATE PLAZA
ALBANY, NEW YORK 12242

ROANN M. DESTITO
COMMISSIONER

January 6, 2013

Mr. Anthony F. Bodami
Titanium Demolition & Remediation Group
4907 IDA Park Dr.
PO Box 471
Lockport, New York, 14094-0471

Re: **Release of Site Specific Variance from Designer of Record to Contractor**
Site Specific Variance File No. 13-1035
OGS Project No.: 44845-C
CHA Project No.: 25083

Gentlemen:

Per the request of Titanium Demolition & Remediation Group's Project Manager, Scott Gamache, NYS OGS hereby authorizes CHA to release the above referenced variance for reopening purposes. Titanium Demolition is presently the Contractor of Record on the above mentioned project under contract with NYS OGS. CHA will no longer be the designer of record as it pertains to the site specific variance (File No. 13-1035).

Should you have any questions regarding this matter, please contact the NYS OGS Engineer in Charge, Aaron Cook, at 518-485-8749.

Sincerely,
NYS Office of General Services

Aaron Cook
Engineer in Charge

Cc: M. Singleton, S. Fowler – CHA, M. Pelcher

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JAN 06 2014

New York State Dept. of Labor
Engineering Services Unit

Page 5 of 6

13 - 1035

CHA

December 12, 2013

Mr. Aaron Cook
New York State Office of General Services
Field Construction Services
Building 5 – OGS Construction Trailer
Harriman State Office Campus
Albany, New York 12240

RE: Release as Designer of Record for Site Specific Variance File No. 13-1035
CHA Project No.: 25083
OGS Project No. 44845-C

Dear Mr. Cooke:

Per the request of the NYSOGS, CHA is releasing the above referenced variance for use by Titanium Demolition Group, or their consultant, who is/are certified asbestos project designers. Once an updated variance petition form (SH752) has been submitted by Titanium or their consultant, CHA will no longer be the designer of record as it pertains to the site specific variance (File No. 13-1035).

Sincerely,

Seth H. Fowler, CHMM
Associate

SHF/sc

CC: M. Singleton, OGS

V:\Projects\ANY\K3\25083\Building 1_1A\Correst\Letter Releasing Variance to Titanium_09-12-13.doc

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JAN 06 2014

New York State Dept. of Labor
Engineering Services Unit

111 Winners Circle, P.O. Box 5269, Albany, NY 12205-0269
T 518.453.4500 • F 518.458.1735 • www.chacompanies.com

Page 2 of 2

ATTACHMENT B

AIR SAMPLE ANALYSIS REPORTS WITH CHAIN OF CUSTODY DOCUMENTATION

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 8906

Abatement Address:

Work Area: *1st Fl Gozzer*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By Client

Date Collected: *10/1/2013* ***Date Analyzed:*** *10/2/2013* ***QC Checked By:*** *Megan LaBarge*
Date Received: *10/2/2013* ***Report Date:*** *10/8/2013* ***Date of QC Check:*** *10/7/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
81774	01	Field Blank			2.5	--
81775	02	Field Blank			0	--
81776	03	IWA- Tent 5 Center	1200	0.002	26.8	**0.009**
81777	04	OWA- Tent 5 Airlock	1210	0.002	62.4	**0.020**
81778	05	IWA- Tent 3 Center	1200	0.002	38.7	**0.012**
81779	06	OWA- Tent 3 Airlock	1200	0.002	81.8	**0.026**
81780	07	IWA- Tent 2 Center	1200	0.002	52.4	**0.017**
81781	08	OWA- Tent 2 Airlock	1200	0.002	54.9	**0.018**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
NYSOGS	Building 1/1A	Brian Coulombe	AECC 504
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905 AD	NYSOGS Campus	Brian Coulombe	☐ Manufacturer ☑ Gilibrator ☐ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE)**	**8. ☐ TEM (0.45 micron MCE)**	**9. Type:**	**4d: Calibration Date**
10-1-13	1st FL Gozzer	Cassette/Filter Manufacturer EMS Lot # 20121029	Cassette/Filter Manufacturer ____ Lot # ____	a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____	9-23-13

DAILY AIR SAMPLE RECORD SHIFT HOURS 0700 to 1710 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location			13. Time (24 hour clock)			14. Flow Rate (liters/ minute)			15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average				
001	81774	X	X	Field Blank	X	X	X	X	X	X	X	.02	2.50	
002	81775			Field Blank								.00	0.00	
003	81776	X		Test # 5 - IwA - Center	1430	1630	120	10	10	10	1200	.225	26.8	0.009
004	81777		X	↓ 5 - OWA - Airlock	1433	1634	121		10		1210	.51	62.4	0.020
005	81778	X		Test # 3 - IwA - Center	1448	1640	120		10		1200	.32	38.7	0.012
006	81779		X	↓ 3 - OWA - Airlock	1443	1643	120		10		1200	.665	81.8	0.026
007	81780	X		Test # 2 - IwA - Center	1450	1650	120		10		1200	.43	52.4	0.017
008	81781		X	↓ 2 - OWA - Airlock	1457	1657	120	↓	10	↓	1200	.45	54.9	0.018

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10-1-13	1715		10/2	0919
II.	10/2	1101			
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Response 11917	24. Date	25. Time
a. Analyzed By:		10/2	0957
b. QC by:	81775-1.27, 81780-38.7	10/7	
c. Lab Batch #: 15-8906	QC# 81775 Std: 0.898	QC# 81780 Std: 9.087	QC# Std:

26. Project Manager:	27. Results To:	28. Drawing:	29: Comments:
Bryan Cleary	Bryan Cleary Phone #'s: ____ Fax: ____	☑ See drawing for this shift. ☐ See drawing dated:____	

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NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 8909

Abatement Address:

Work Area: *Assessment*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD
Phase of Sampling: Other
Turn Around Time: <24 Hours(Rush)
Sampled By Client

Date Collected: 10/2/2013
Date Received: 10/2/2013
Date Analyzed: 10/2/2013
Report Date: 10/8/2013
QC Checked By: Justin Adams
Date of QC Check: 10/7/2013

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
81799	01	Field Blank			0	--
81800	02	Field Blank			0	--
81801	03	1st Fl 142 Area	900	0.003	14	0.006
81802	04	1st Fl 138 Area	900	0.003	21.7	0.009
81803	05	1st Fl 134 Area	900	0.003	15.3	0.007
81804	06	1st Fl 160 Area	900	0.003	19.1	0.008
81805	07	OWA- Baesment Stair 1	900	0.003	21.7	0.009
81806	08	OWA- Basement Transformer Rm	900	0.003	14	0.006
81807	09	OWA- Basement Stair 3	900	0.003	12.7	0.005
81808	10	OWA- Basement Storage 33	900	0.003	10.2	0.004

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Response Labs, LLC.
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Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 8910

Abatement Address:

Work Area: *Assessment 2nd/3rd Fl*

Client Project #: 130905AD

Phase of Sampling: Other

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By Client

Date Collected: *10/2/2013* ***Date Analyzed:*** *10/2/2013* ***QC Checked By:*** *Justin Adams*

Date Received: *10/2/2013* ***Report Date:*** *10/8/2013* ***Date of QC Check:*** *10/7/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
81809	11	Field Blank			0	--
81810	12	Field Blank			1.27	--
81811	13	OWA- 2nd Fl Mech Rm 252	900	0.003	8.28	**0.004**
81812	14	2nd Fl Area 248	900	0.003	7.01	**<0.003**
81813	15	OWA- 2nd Fl Stair 3	900	0.003	12.1	**0.005**
81814	16	2nd Fl Area 234	900	0.003	18.5	**0.008**
81815	17	OWA- 3rd Fl Stair 1	900	0.003	8.28	**0.004**
81816	18	3rd Fl Area 357	900	0.003	8.28	**0.004**
81817	19	3rd Fl Area 322	900	0.003	17.2	**0.007**
81818	20	OWA- 3rd Fl Mech Rm 338	900	0.003	9.55	**0.004**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
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12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
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**Results are Interim; Pending Quality Control Review

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page ____ of ____

TURNAROUND TIME
☒ Rush
☐ 24 hour Other 10F

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
NYSOGS	Building 1	Brian Coulombe	AECC 504
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	NYSOGS Campus	Brian Coulombe	☐ Manufacturer ☒ Gilibrator ☐ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter**
10-2-13	Assessment	Manufacturer EMS Lot # 2012 1029	Manufacturer ____ Lot # ____

9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☒Other Assessment

4d: Calibration Date 9-23-13

DAILY AIR SAMPLE RECORD

SHIFT HOURS 0700 to 1700 **(24 hour clock)**

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields	minus blanks	17. Fiber concentration (f/cc)
001	81799			Field Blank	X	X	X	X	X	X	X	0/100	0.00	
002	81800			Field Blank								0/100	0.00	
003	81801			1StFL - 142 Area	1230	1400	90	10	10	10	900	11/100	14.0	0.006
004	81802			- 138 Area	1231	1401			10			17/100	21.7	0.009
005	81803			- 134 Area	1232	1402			10			12/100	15.3	0.007
006	81804			- 160 Area	1233	1403			10			15/100	19.1	0.008
007	81805			Basement - Outside Stair #1	1302	1432			10			17/100	21.7	0.009
008	81806			- Outside Transformer Rm	1303	1433			10			11/100	14.0	0.006
009	81807			- Outside Stair #3	1305	1435			10			10/100	12.7	0.005
010	81808			- Outside Storage 33	1306	1436			10			8/100	10.2	0.004

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10-2-13	1710		10/2	2010
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name		24. Date	25. Time
a. Analyzed By:		10/2	2049
b. QC by: 81800-0, 81805-22.5	UA	10/7	
c. Lab Batch #: 585-8909	QC# 81800 Std: 0	QC# 81805 Std: 0.5blk	QC# Std:

26. Project Manager:

27. Results To: Bryan Cleary
Phone #'s: ____
Fax: ____

28. Drawing: ☒ See drawing for this shift. ☐ See drawing dated: ____

29: Comments:

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
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PH: 518-482-0704 I FX: 518-482-0750
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**Results are Interim Pending Quality Control Review

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
NYSOGS	Building 1	Brian Coulombe	AECC 304
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:** ☐ Manufacturer ☐ Gilibrator ☐ Drycal
130905 AD	NYSOGS Campus	Brian Coulombe	**4d: Calibration Date** 9-23-13

5. Date	6. Abatement Location:	7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer EMS Lot # 2012 1029	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____	9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☒ Other Assessment
10-2-13	Assessment 2nd/3rd FL			

DAILY AIR SAMPLE RECORD SHIFT HOURS 0700 to 1700 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
011	81809			Field Blank								0/100	0.00	
012	81810			Field Blank								1/100	1.27	
013	81811			2nd FL - O/S Mech Rm 252	1445	1615	90	10	10	10	900	7/100	8.28	0.004
014	81812			- Area 248	1447	1617	↓	↓	10	↓	↓	6/100	7.01	< 0.003
015	81813			- O/S Stair #3	1449	1619			10			10/100	12.1	0.005
016	81814			- Area 234	1450	1620			10			15/100	18.5	0.008
017	81815			3rd FL - O/S Stair #1	1456	1626			10			7/100	8.28	0.004
018	81816			- Area 357	1457	1627			10			7/100	8.28	0.004
019	81807			- Area 322	1459	1629			10			14/100	17.2	0.007
020	81818			- O/S Mech Rm 338	1500	1630	↓	↓	10	↓	↓	8/100	9.55	0.004

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10-2-13	1710		10/2	2111
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name				24. Date	25. Time
a. Analyzed By:				10/2	2112
b. QC by:	81810-2.55, 81815-10.0	JA		10/7	
c. Lab Batch #: 1585-8910	QC# 81810 Std: 0.905	QC# 81815 Std: 1.040	QC# Std:		

26. Project Manager:	27. Results To: Bryan Cleary Phone #'s: Fax:	28. Drawing: ☒ See drawing for this shift. ☐ See drawing dated:_____	29: Comments:
Bryan Cleary			O/S = outside

Response Labs, LLC.
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NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9020

Abatement Address:

Work Area: *Tents 10, 11, 12, and 13*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By David Foote

Date Collected: *10/18/2013* ***Date Analyzed:*** *10/21/2013* ***QC Checked By:*** *Megan LaBarge*

Date Received: *10/21/2013* ***Report Date:*** *10/22/2013* ***Date of QC Check:*** *10/22/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
82901	1	Field Blank			0	--
82902	2	Field Blank			2.5	--
82903	3	IWA- Tent 10 at A14	1202	0.002	54.9	**0.018**
82904	4	OWA- Tent 10 by A14	1202	0.002	76.2	**0.024**
82905	5	IWA- Tent 11 at A16	1202	0.002	51.2	**0.016**
82906	6	OWA- Tent 11 by A16	1202	0.002	45.6	**0.015**
82907	7	IWA- Tent 12 at A18	1202	0.002	36.2	**0.012**
82908	8	OWA- Tent 12 by A18	1202	0.002	23.1	**0.007**
82909	9	IWA- Tent 13 at A20	1202	0.002	28.7	**0.009**
82910	10	OWA- Tent 13 by A20	1202	0.002	28.7	**0.009**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

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N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page _____ of _____

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

PROJECT INFORMATION

Results are Interim Pending Quality Control Review

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AG-26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
13090SAD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**9. Type:** a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____	**4d: Calibration Date**
---	---	---	---	---	---
10-18-13	Tents #10, 11, 12, and 13				8-29-13

DAILY AIR SAMPLE RECORD **SHIFT HOURS** _____ **to** _____ **(24 hour clock)**

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location			13. Time (24 hour clock)			14. Flow Rate (liters/ minute)			15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average				
1	82901			Field Blank								.00	0.00	
2	82902			Field Blank								.02	2.50	
3	82903	X		Tent #10, at A14	13:18	15:18	120	10.02	10.02	10.02	1202.4	.45	54.9	0.018
4	82904		X	Tent #10, by A14	13:19	15:19	120	10.02	10.02	10.02	1202.4	.62	76.2	0.024
5	82905	X		Tent #11, at A16	13:21	15:21	120	10.02	10.02	10.02	1202.4	.42	51.2	0.016
6	82906		X	Tent #11, by A16	13:22	15:22	120	10.02	10.02	10.02	1202.4	.375	45.6	0.015
7	82907	X		Tent #12, at A18	13:24	15:24	120	10.02	10.02	10.02	1202.4	.30	36.2	0.012
8	82908		X	Tent #12, by A18	13:25	15:25	120	10.02	10.02	10.02	1202.4	.195	23.1	0.007
9	82909	X		Tent #13, at A20	13:27	15:27	120	10.02	10.02	10.02	1202.4	.24	28.7	0.009
10	82910		X	Tent #13, by A20	13:28	15:28	120	10.02	10.02	10.02	1202.4	.24	28.7	0.009
	82911			QC BLANK								.00	0.00	

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-18-13			10/21	0916
II.					
III.					

LAB INFORMATION ☐-Drop Box

23. Lab Name: Response 1917				24. Date	25. Time
a. Analyzed By:	Justin Adams			10/21	1025
b. QC by:	82905-SN2, 82910-25 ML			10/22	
c. Lab Batch #: 1585-9020	QC# 82905 Std: 0	QC# 82910 Std: 2.48	QC# Std:		

26. Project Manager:	27. Results To: _____ Phone #'s: _____ Fax: _____	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10-18-13	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9028

Abatement Address:

Work Area: *1st Floor*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD
Phase of Sampling: Finals-IIC
Turn Around Time: <24 Hours(Rush)
Sampled By David Foote

Date Collected: 10/21/2013 ***Date Analyzed:*** 10/21/2013 ***QC Checked By:*** Justin Adams
Date Received: 10/21/2013 ***Report Date:*** 10/22/2013 ***Date of QC Check:*** 10/22/2013

Sample Number	Client Sample #	Sample Location	Volume(L)	LOD	F/mm2	F/cc
82979	1	Field Blank			0	--
82980	2	Field Blank			2.55	--
82981	3	IWA- Tent 1 at D1	1202	0.002	15.3	0.005
82982	4	OWA- Tent 1 by D1	1202	0.002	26.8	0.009
82983	5	IWA- Tent 2 at C3	1202	0.002	20.4	0.007
82984	6	OWA- Tent 2 by C3	1202	0.002	33.1	0.011
82985	7	IWA- Tent 3 at A4	1202	0.002	52.2	0.017
82986	8	OWA- Tent 3 by A4	1202	0.002	33.1	0.011

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
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N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

**Results are Interim Pending Quality Control Rev

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other ____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	Daniel Foote	AE26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	Daniel Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____**
10-21-13	1st Floor		**9. Type:** a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____
			4d: Calibration Date 8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS ____ to ____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
1	82979			Field Blank								0/100	0.00	
2	82980			Field Blank								2/100	2.55	
3	82981	X		Test #1, at C3 D1 10-21-13 DF	11:10	13:10	120	10.02	10.02	10.02	1202.4	13/100	15.3	0.005
4	82982		X	Test #1, by D1	11:11	13:11	120	10.02	10.02	10.02	1202.4	22/100	26.8	0.009
5	82983	X		Test #2, at C3	11:13	13:13	120	10.02	10.02	10.02	1202.4	17/100	20.4	0.007
6	82984		X	Test #2, by C3	11:14	13:14	120	10.02	10.02	10.02	1202.4	27/100	33.1	0.011
7	82985	X		Test #3, at A4	11:16	13:16	120	10.02	10.02	10.02	1202.4	42/100	52.2	0.017
8	82986		X	Test #3, by A4	11:17	13:17	120	10.02	10.02	10.02	1202.4	27/100	33.1	0.011

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Daniel Foote	10-21-13		Meg Lutz	10/21	1551
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Aspirus 11917	24. Date	25. Time
a. Analyzed By:	Meg Lutz	10/21	1624
b. QC by:	82980-1.27. 82985-1.6.2 JA	10/22	
c. Lab Batch #: 1585-9028	QC# 82980 Std: 0.905	QC# 82985 Std: 9.899	QC# Std:

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10-18-13	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9036

Abatement Address:

Work Area: *1st Floor*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By David Foote

Date Collected: 10/22/2013 ***Date Analyzed:*** 10/23/2013 ***QC Checked By:*** Megan LaBarge

Date Received: 10/23/2013 ***Report Date:*** 10/28/2013 ***Date of QC Check:*** 10/25/2013

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83052	12	Field Blank			0	--
83053	13	Field Blank			0	--
83054	14	IWA- Tent 18 at F20	1333	0.002	25	0.007
83055	15	OWA- Tent 18 by F20	1333	0.002	21.2	0.006
83056	16	IWA- Tent 33 at H19	1333	0.002	19.4	0.006
83057	17	OWA- Tent 33 by H19	1333	0.002	32.5	0.009
83058	18	IWA- Tent 17 at H17	1333	0.002	27.5	0.008
83059	19	OWA- Tent 17 by H17	1333	0.002	56.2	0.016
83060	20	IWA- Tent 16	1202	0.002	40	0.013
83061	21	OWA- Tent 16	1202	0.002	25	0.008
83062	22	IWA- Tent 15	1202	0.002	54.3	0.017
83063	23	OWA- Tent 15	1202	0.002	26.2	0.008
83064	24	IWA- Tent 14	1202	0.002	36.2	0.012

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9036

Abatement Address:

Work Area: *1st Floor*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By David Foote

Date Collected: *10/22/2013* ***Date Analyzed:*** *10/23/2013* ***QC Checked By:*** *Megan LaBarge*

Date Received: *10/23/2013* ***Report Date:*** *10/28/2013* ***Date of QC Check:*** *10/25/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83065	25	OWA- Tent 14	1202	0.002	32.5	0.010

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
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12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush ☐ 24 hour Other______

Results are Interim Pending Quality Control Review

PROJECT INFORMATION

1. Client: OGS
2. Project Number: 13090SAD
3. Project Name: Building 1
3a. Project Address: Washington Ave, Albany, NY
4. Project Monitor: David Foote
4a. Air Sampler: David Foote
4b. Rotameter Number: AG 26
4c: Rotameter calibration: ☐ Manufacturer ☐ Gilibrator ☒ Drycal
4d: Calibration Date: 8-29-13
5. Date: 10-22-13
6. Abatement Location: 1st Floor
7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ______ Lot # ______
8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ______ Lot # ______
9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ______

DAILY AIR SAMPLE RECORD SHIFT HOURS ______ to ______ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/fields minus blanks		17. Fiber concentration (f/cc)
12	83052			Field Blank								.00	0.00	
13	83053			Field Blank								.00	0.00	
14	83054	X		Tent #18, at F20	10:05	12:18	133	10.02	10.02	10.02	1332.7	.20	25.0	0.007
15	83055		X	Tent #18, by F20	10:06	12:19	133	10.02	10.02	10.02	1332.7	.17	21.2	0.006
16	83056	X		Tent #33, at H19	10:08	12:21	133	10.02	10.02	10.02	1332.7	.155	19.4	0.006
17	83057		X	Tent #33, by H19	10:09	12:22	133	10.02	10.02	10.02	1332.7	.26	32.5	0.009
18	83058	X		Tent #17, at H17	10:11	12:24	133	10.02	10.02	10.02	1332.7	.22	27.5	0.008
19	83059		X	Tent #17, by H17	10:12	12:25	133	10.02	10.02	10.02	1332.7	.45	56.2	0.016

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-22-13		[signature]	10/23	0815
II. [signature]	10/24	0851	[signature]	10/24	852
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name: Response 1917			24. Date	25. Time
a. Analyzed By: Justin Adams			10/22	0940
b. QC by: 83055-17.8, 83060-40.7, 83065-20.5 ML			10/25	
c. Lab Batch #: 1565 - 9036	QC# 83055 Std: 2.404		QC# 83060 Std: 6.152	QC# 83065 Std: 4.950

26. Project Manager:

27. Results To: results@ambient-env.com

28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10-18-13

29: Comments:

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other _____

PROJECT INFORMATION

Results are Interim Pending Quality Control Review

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AE26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
13090SAD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**9. Type:** a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____	**4d: Calibration Date**
---	---	---	---	---	---
10-22-13	1st Floor				8-29-13

DAILY AIR SAMPLE RECORD **SHIFT HOURS** _____ **to** _____ **(24 hour clock)**

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
				Field Blank										
				Field Blank										
20	83060	X		Test #16	12:33	14:33	120	10.02	10.02	10.02	1202.4	.32	40.0	0.013
21	83061		X	Test #16	12:34	14:34	120	10.02	10.02	10.02	1202.4	.20	25.0	0.008
22	83062	X		Test #15	12:36	14:36	120	10.02	10.02	10.02	1202.4	.435	54.0	0.017
23	83063		X	Test #15	12:37	14:37	120	10.02	10.02	10.02	1202.4	.21	26.2	0.008
24	83064	X		Test #14	12:39	14:39	120	10.02	10.02	10.02	1202.4	.29	36.2	0.012
25	83065		X	Test #14	12:40	14:40	120	10.02	10.02	10.02	1202.4	.26	32.5	0.010
	83066			QC Lab Blank								.00	0.00	

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-22-13			10/23	0815
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Response 1917			24. Date	25. Time
a. Analyzed By:	Justin Adams			10/23/13	0940
b. QC by:					
c. Lab Batch #: 1585 - 1036	QC# Std:	QC# Std:	QC# Std:		

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10-18-13	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9037

Abatement Address:

Work Area: *1st Floor Area 21 and 23*

Client Project #: 130905AD

Phase of Sampling: During-IIB

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *24 Hours*

Sampled By David Foote

Date Collected: *10/22/2013* ***Date Analyzed:*** *10/23/2013* ***QC Checked By:*** *Justin Adams*
Date Received: *10/23/2013* ***Report Date:*** *10/28/2013* ***Date of QC Check:*** *10/25/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83067	1	Field Blank			0	--
83068	2	Field Blank			2.55	--
83069	3	OWA- Area 23 Decon	2420	0.001	67.5	**0.011**
83070	4	OWA- Area 23 Critical 1	2420	0.001	44.6	**0.007**
83071	5	OWA- Area 23 Critical 2	2420	0.001	91.7	**0.015**
83072	6	OWA- Area 21 Decon	2420	0.001	68.8	**0.011**
83073	7	OWA- Area 21 Critical 1	2420	0.001	68.8	**0.011**
83074	8	OWA- Area 21 Critical 2	2420	0.001	68.8	**0.011**
83075	9	OWA- Area 21 Exhaust	2420	0.001	6.37	**<0.001**
83076	10	OWA- Area 23 Exhaust	2420	0.001	10.2	**0.002**
83077	11	OWA- Ambient	2420	0.001	12.7	**0.002**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

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N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

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Comprehensive Building Science Solutions
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NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☐ Rush
☒ 24 hour Other ____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AE26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
13090SAD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____**	**9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☒Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____**	**4d: Calibration Date**
---	---	---	---	---	---
10-22-13	1st Floor, Area 21 & 23				8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS ____ to ____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
1	93067			Field Blank								0/100	0.00	
2	83068			Field Blank								2/100	2.55	
3	83069		X	Area 23, Decon	7:10	15:12	482	5.02	5.02	5.02	2419.6	54/100	67.5	0.011
4	83070			Area 23, Critical #1	7:11	15:13	482	5.02	5.02	5.02	2419.6	36/100	44.6	0.007
5	83071			Area 23, Critical #2	7:12	15:14	482	5.02	5.02	5.02	2419.6	73/100	91.7	0.015
6	83072			Area 21, Decon	7:13	15:15	482	5.02	5.02	5.02	2419.6	55/100	68.8	0.011
7	83073			Area 21, Critical #1	7:14	15:16	482	5.02	5.02	5.02	2419.6	55/100	68.8	0.011
8	83074			Area 21, Critical #2	7:15	15:17	482	5.02	5.02	5.02	2419.6	55/100	68.8	0.011
9	83075			Area 21, Exhaust	7:19	15:21	482	5.02	5.02	5.02	2419.6	4/100	4.37	< 0.001
10	83076			Area 23, Exhaust	7:23	15:25	482	5.02	5.02	5.02	2419.6	9/100	10.2	0.002
11	83077			Ambient	7:25	15:27	482	5.02	5.02	5.02	2419.6	11/100	12.7	0.002

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-22-13			10/23/13	0953
II.	10/23	0624	Mel Goodwin		
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name: Mesonose	NY87	24. Date	25. Time
a. Analyzed By: Meghan Leith		10/23	1540
b. QC by: 83070-34.4, 83075-4.87 MA		10/24	
c. Lab Batch #: 1585-9037	QC# 83070 Std: 7.212	QC# 83075 Std: 1.041	QC# Std:

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☒ See drawing for this shift. ☐ See drawing dated: ____	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9043

Abatement Address:

Work Area: *Area 21*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By David Foote

Date Collected: *10/23/2013* ***Date Analyzed:*** *10/23/2013* ***QC Checked By:*** *Megan LaBarge*
Date Received: *10/23/2013* ***Report Date:*** *10/28/2013* ***Date of QC Check:*** *10/25/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83122	9	Field Blank			3.75	--
83123	10	Field Blank			1.25	--
83124	11	IWA- Mechanical Southwest	1363	0.002	6.24	**<0.002**
83125	12	IWA- Mehcanical Northwest	1363	0.002	10.6	**0.003**
83126	13	IWA- Mechanical Northeast	1363	0.002	8.74	**0.002**
83127	14	IWA- Mechanical East Center	1363	0.002	8.74	**0.002**
83128	15	IWA- Mechanical Southeast	1363	0.002	7.49	**0.002**
83129	16	OWA- Hallway by Stairs	1363	0.002	8.11	**0.002**
83130	17	OWA- Hallway by Entrance	1363	0.002	6.24	**<0.002**
83131	18	OWA- Hallway 4 ft East Stairs	1363	0.002	9.99	**0.003**
83132	19	OWA- Hallway 6 ft East Stairs	1363	0.002	7.49	**0.002**
83133	20	OWA- Hallway 6 ft East Mech	1363	0.002	6.24	**<0.002**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AE26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☐ PCM (0.8 micron MCE) Cassette/Filter**	**8. ☑ TEM (0.45 micron MCE) Cassette/Filter**
10-23-13	Area 21	Manufacturer _____ Lot # _____	Manufacturer _____ Lot # _____

9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____

4d: Calibration Date 8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS _____ to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
9	83122			Field Blank								.03	3.75	
10	83123			Field Blank								.01	1.25	
11	83124	X		Mechanical, southwest	10:34	12:50	136	10.02	10.02	10.02	1362.7	.07	6.24	< 0.002
12	83125	|		Mechanical, northwest	10:35	12:51	136	10.02	10.02	10.02	1362.7	.105	10.6	0.003
13	83126	|		Mechanical, northeast	10:36	12:52	136	10.02	10.02	10.02	1362.7	.09	8.74	0.002
14	83127	|		Mechanical, east center	10:37	12:53	136	10.02	10.02	10.02	1362.7	.09	8.74	0.002
15	83128	|		Mechanical, southeast	10:38	12:54	136	10.02	10.02	10.02	1362.7	.08	7.49	0.002
16	83129		X	Hallway, by stairs	10:42	12:58	136	10.02	10.02	10.02	1362.7	.085	8.11	0.002
17	3883130		|	Hallway, by entrance,	10:43	12:59	136	10.02	10.02	10.02	1362.7	.07	6.24	< 0.002
18	83131		|	Hallway, 4 feet east stairs	10:44	13:00	136	10.02	10.02	10.02	1362.7	.10	9.99	0.003
19	83132		|	Hallway, 6 feet east stairs	10:45	13:01	136	10.02	10.02	10.02	1362.7	.08	7.49	0.002
20	83133		|	Hallway, 6 feet east Mech	10:46	13:02	136	10.02	10.02	10.02	1362.7	.07	6.24	< 0.002

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-23-13			10/23	1522
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Response		24. Date	25. Time
a. Analyzed By:	PATTIN ADAMS		10/23	1615
b. QC by:	83125-6.37 83130-4.99		10/24	
c. Lab Batch #: 1585-9043	QC# 83125 Std: 2.991	QC# 83130 Std: 0.884	QC# Std:	

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐See drawing for this shift. ☐See drawing dated:_____	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9045

Abatement Address:

Work Area: *1st Floor Area 23*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD
Phase of Sampling: Finals-IIC
Turn Around Time: *<24 Hours(Rush)*
Sampled By David Foote

Date Collected: *10/23/2013* ***Date Analyzed:*** *10/24/2013* ***QC Checked By:*** *Justin Adams*
Date Received: *10/24/2013* ***Report Date:*** *10/28/2013* ***Date of QC Check:*** *10/25/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83151	21	Field Blank			1.27	--
83152	22	Field Blank			1.27	--
83153	23	IWA- Mechanical Southeast	1202	0.002	6.37	**<0.002**
83154	24	IWA- Mechanical South Center	1202	0.002	14	**0.004**
83155	25	IWA- Mechanical Southwest	1202	0.002	7.64	**0.002**
83156	26	IWA- Mechanical West Center	1202	0.002	5.1	**<0.002**
83157	27	IWA- Mechanical Northeast	1202	0.002	7.64	**0.002**
83158	28	OWA- Open Area 3 ft North	1202	0.002	17.8	**0.006**
83159	29	OWA- Open Area 6 ft North	1202	0.002	19.1	**0.006**
83160	30	OWA- Open Area 10 ft North	1202	0.002	17.8	**0.006**
83161	31	OWA- Open Area 8 ft NE	1202	0.002	19.1	**0.006**
83162	32	OWA- Open Area 5 ft NE	1202	0.002	10.2	**0.003**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

**Results are interim pending quality control review

TURNAROUND TIME
X Rush
☐ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	Daniel Foote	AE26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	Daniel Foote	☐ Manufacturer ☐ Gilibrator X Drycal
5. Date	**6. Abatement Location:**	**7. X PCM (0.8 micron MCE) Cassette/Filter Manufacturer / Lot #**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer / Lot #**	**9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. X Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other**	**4d: Calibration Date**
---	---	---	---	---	---
10-23-13	1st Floor, Area 23				8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS _____ to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
21	83151			Field Blank								1/100	1.27	
22	83152			Field Blank								1/100	1.27	
23	83153	X		Mechanical, southeast	13:29	15:29	120	10.02	10.02	10.02	1202.4	6/100	6.37	< 0.002
24	83154	|		Mechanical, southcenter	13:30	15:30	120	10.02	10.02	10.02	1202.4	12/100	14.0	0.004
25	83155	|		Mechanical, southwest	13:31	15:31	120	10.02	10.02	10.02	1202.4	7/100	7.64	0.002
26	83156	|		Mechanical, westcenter	13:32	15:32	120	10.02	10.02	10.02	1202.4	5/100	5.10	< 0.002
27	83157	|		Mechanical, northeast	13:33	15:33	120	10.02	10.02	10.02	1202.4	7/100	7.64	0.002
28	83158		X	Open Area, 3 feet north	13:37	15:37	120	10.02	10.02	10.02	1202.4	15/100	17.8	0.006
29	83159		|	Open Area, 6 feet north	13:38	15:38	120	10.02	10.02	10.02	1202.4	16/100	19.1	0.006
30	83160		|	Open Area, 10 feet north	13:39	15:39	120	10.02	10.02	10.02	1202.4	15/100	17.8	0.006
31	83161		|	Open Area, 8 feet NE	13:40	15:40	120	10.02	10.02	10.02	1202.4	16/100	19.1	0.006
32	83162		|	Open Area, 5 feet NE	13:41	15:41	120	10.02	10.02	10.02	1202.4	9/100	10.2	0.003

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Daniel Foote	10-23-13			10/24	0744
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Response	1917	24. Date	25. Time
a. Analyzed By:			10/24	1004
b. QC by:	83155-7.49, 83140-17.8		10/25	
c. Lab Batch #:	1585-9045	QC# 83155 Std: 0.106	QC# 83146 Std: 0	QC# Std:

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐ See drawing for this shift. ☐ See drawing dated:_____	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9044

Abatement Address:

Work Area: *1st Floor*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By David Foote

Date Collected: *10/23/2013* ***Date Analyzed:*** *10/24/2013* ***QC Checked By:*** *Justin Adams*
Date Received: *10/24/2013* ***Report Date:*** *10/28/2013* ***Date of QC Check:*** *10/25/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83134	33	Field Blank			0	--
83135	34	Field Blank			0	--
83136	35	IWA- Tent 32	1202	0.002	10.2	0.003
83137	36	OWA- Tent 32	1202	0.002	2.55	<0.002
83138	37	IWA- Tent 34	1202	0.002	14	0.004
83139	38	OWA- Tent 34	1202	0.002	7.64	0.002
83140	39	IWA- Tent 35	1202	0.002	7.64	0.002
83141	40	OWA- Tent 35	1202	0.002	5.1	<0.002
83142	41	IWA- Tent 30	1202	0.002	85.4	0.027
83143	42	OWA- Tent 30	1202	0.002	14	0.004
83144	43	IWA- Tent 31	1202	0.002	16.6	0.005
83145	44	OWA- Tent 31	1202	0.002	16.6	0.005
83146	45	IWA- Tent 7	1202	0.002	21.7	0.007

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

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LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9044

Abatement Address:

Work Area: *1st Floor*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By David Foote

Date Collected: *10/23/2013* ***Date Analyzed:*** *10/24/2013* ***QC Checked By:*** *Justin Adams*

Date Received: *10/24/2013* ***Report Date:*** *10/28/2013* ***Date of QC Check:*** *10/25/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83147	46	OWA- Tent 7	1202	0.002	3.82	**<0.002**
83148	47	IWA- Tent 8	1202	0.002	16.6	**0.005**
83149	48	OWA- Tent 8	1202	0.002	12.7	**0.004**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

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N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
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NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other _____

PROJECT INFORMATION

Results are Interim Pending Quality Control Review

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	Daniel Foote	AE26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:** ☐ Manufacturer ☐ Gilibrator ☒ Drycal
130905AD	Washington Ave, Albany, NY	Daniel Foote	**4d: Calibration Date** 8-29-13

5. Date	6. Abatement Location:	7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____	9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____
10-23-13	1st Floor			

DAILY AIR SAMPLE RECORD SHIFT HOURS _____ to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
33	83134			Field Blank								9/100	0.00	
34	83135			Field Blank								0/100	0.00	
35	83136	X		Test #32, at D15	16:10	18:10	120	10.02	10.02	10.02	1202.4	8/100	10.2	0.003
36	83137		X	Test #32, by D15	16:11	18:11	120	10.02	10.02	10.02	1202.4	2/100	2.55	<0.002
37	83138	X		Test #34, at D20	16:13	18:13	120	10.02	10.02	10.02	1202.4	11/100	14.0	0.004
38	83139		X	Test #34, by D20	16:14	18:14	120	10.02	10.02	10.02	1202.4	6/100	7.44	0.002
39	83140	X		Test #35, at A22	16:16	18:16	120	10.02	10.02	10.02	1202.4	6/100	7.44	0.002
40	83141		X	Test #35, by A22	16:17	18:17	120	10.02	10.02	10.02	1202.4	4/100	5.10	<0.002
41	83142	X		Test #30, at D6	16:19	18:19	120	10.02	10.02	10.02	1202.4	67/100	85.4	0.027
42	83143		X	Test #30, by D6	16:20	18:20	120	10.02	10.02	10.02	1202.4	11/100	14.0	0.004
43	83144	X		Test #31, at C6	16:22	18:22	120	10.02	10.02	10.02	1202.4	13/100	16.6	0.005
44	83145		X	Test #31, by C6	16:23	18:23	120	10.02	10.02	10.02	1202.4	13/100	16.6	0.005
45	83146	X		Test #7, at B8	16:25	18:25	120	10.02	10.02	10.02	1202.4	17/100	21.7	0.007

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Daniel Foote	10-23-13			10/24	0847
II.	10/24	1053		10/24	1054
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Response 1917	24. Date	25. Time
a. Analyzed By:	Meg-Ruth	10/24	0947
b. QC by:	83135-0, 83140-3.82, 83145-15 VA	10/25	
c. Lab Batch #: 1585-9044	QC# 83135 Std: 0	QC# 83140 Std: 2.701	QC# 83145 Std: 1.131

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10-18-13	29: Comments:

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

**Results are Interim Pending Quality Control Review *

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AG26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____**	**4d: Calibration Date**
---	---	---	---	---	---
10-23-13	1st Floor				8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS _____ to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
				Field Blank										
				Field Blank										
46	83147		X	Test #7, by BB	16:26	18:26	120	10.02	10.02	10.02	1202.4	3/100	3.82	<0.002
47	83148	X		Test #8, at AB	16:28	18:28	120	10.02	10.02	10.02	1202.4	13/100	66.6	0.005
48	83149		X	Test #8, by AB	16:29	18:29	120	10.02	10.02	10.02	1202.4	10/100	12.7	0.004
	83150			QC Blank								1/100	1.27	/

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10.23.13			10/24	0841
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	24. Date	25. Time
a. Analyzed By:		
b. QC by: 83150-0		
c. Lab Batch # 1585-9044	QC# 83150 Std: 0.8498	QC# Std:	QC# Std:

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐See drawing for this shift. ☐See drawing dated:_____	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9048

Abatement Address:

Work Area: *1st Floor Area 22*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD
Phase of Sampling: During-IIB
Turn Around Time: 24 Hours
Sampled By David Foote

Date Collected: 10/23/2013 ***Date Analyzed:*** 10/24/2013 ***QC Checked By:*** Justin Adams
Date Received: 10/24/2013 ***Report Date:*** 10/28/2013 ***Date of QC Check:*** 10/25/2013

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83181	1	Field Blank			2.55	–
83182	2	Field Blank			1.27	–
83183	3	OWA- Waste Decon	1340	0.002	21	**0.006**
83184	4	OWA- Personal Decon	1340	0.002	42.7	**0.012**
83185	5	OWA- Critical 1	1340	0.002	58	**0.017**
83186	6	OWA- Critical 2	1340	0.002	61.8	**0.018**
83187	7	OWA- Exhaust	1340	0.002	7.01	**<0.002**
83188	8	OWA- Ambient	1340	0.002	3.18	**<0.002**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE
& SBA EDWOSB

**Results are Interim Pending Quality Control Review

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☐ Rush
☒ 24 hour Other ____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AE 37 10-23-13 BF
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____**
10-23-13	1st Floor, Area 22		

9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☒Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____

4d: Calibration Date 8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS ____ to ____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
1	83181			Field Blank								2/100	2.55	1.91
2	83182			Field Blank								1/100	1.27	
3	83183		X	Waste Decon	8:22	15:47	445	3.01	3.01	3.01	1339.5	18/100	21.0	0.006
4	83184		X	Personal Decon	8:23	15:48	445	3.01	3.01	3.01	1339.5	35/100	42.7	0.012
5	83185		X	Critical #1	8:24	15:49	445	3.01	3.01	3.01	1339.5	47/100	58.0	0.017
6	83186		X	Critical #2	8:25	15:50	445	3.01	3.01	3.01	1339.5	50/100	61.8	0.018
7	83187		X	Exhaust	8:27	15:52	445	3.01	3.01	3.01	1339.5	1/100	1.01	<0.002
8	83188		X	Ambient	8:30	15:55	445	3.01	3.01	3.01	1339.5	4/100	3.18	<0.002

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-23-13			10/24	1040
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name		24. Date	25. Time
a. Analyzed By:		10/24	1423
b. QC by: 83185-7515		10/25	
c. Lab Batch #: 1585-9048	QC# 83185 Std: 12.37	QC# Std:	QC# Std:

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☒ See drawing for this shift. ☐ See drawing dated: ____	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9057

Abatement Address:

Work Area: *1st Floor Area 20*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD
Phase of Sampling: During-IIB
Turn Around Time: *24 Hours*
Sampled By David Foote

Date Collected: *10/24/2013* ***Date Analyzed:*** *10/25/2013* ***QC Checked By:*** *Justin Adams*
Date Received: *10/25/2013* ***Report Date:*** *10/29/2013* ***Date of QC Check:*** *10/28/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83260	1	Field Blank			0	--
83261	2	Field Blank			0	--
83262	3	OWA- Decon	1364	0.002	90.4	**0.026**
83263	4	OWA- Critical 1	1364	0.002	93	**0.026**
83264	5	OWA- Critical 2	1364	0.002	84.1	**0.024**
83265	6	OWA- Exhaust	1364	0.002	6.37	**<0.002**
83266	7	OWA- Ambient	1364	0.002	3.82	**<0.002**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Do not release data pending Quality Control review

Page _____ of _____

TURNAROUND TIME
☐ Rush
☒ 24 hour Other _____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AE 32
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☐ PCM (0.8 micron MCE) Cassette/Filter**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter**
10-24-13	1st Floor Area 20	Manufacturer _____ Lot # _____	Manufacturer _____ Lot # _____

9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☒Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____

4d: Calibration Date 8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS _____ to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
1	832600			Field Blank								4/100	0.00	
2	832601			Field Blank								0/100	0.00	
3	832602		X	Decon	7:30	15:03	453	3.01	3.01	3.01	1363.5	71/100	90.4	0.026
4	832603		|	Critical #1	7:31	15:04	453	3.01	3.01	3.01	1363.5	73/100	93.0	0.026
5	832604		|	Critical #2	7:32	15:05	453	3.01	3.01	3.01	1363.5	66/100	84.1	0.024
6	832605		|	Exhaust	7:34	15:07	453	3.01	3.01	3.01	1363.5	5/100	6.37	< 0.002
7	832606		|	Ambient	7:37	15:10	453	3.01	3.01	3.01	1363.5	3/100	3.82	<0.002
	832607			Lab Blank								1/100	1.27	

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-24-13		Megan Luby	10/25	0942
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Mitkem 11917	24. Date	25. Time
a. Analyzed By:	Megan Luby	10/25	1052
b. QC by:	832600-01, 832605-7 MA	10/28	
c. Lab Batch #:	585-9057	QC# 832600 Std: 0 / QC# 832605 Std: 0.792 / QC# Std:	

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☒ See drawing for this shift. ☐ See drawing dated: _____	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9053

Abatement Address:

Work Area: *1st Fl*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By David Foote

Date Collected: *10/24/2013* ***Date Analyzed:*** *10/25/2013* ***QC Checked By:*** *Megan LaBarge*

Date Received: *10/25/2013* ***Report Date:*** *10/28/2013* ***Date of QC Check:*** *10/25/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83217	8	Field Blank			0	--
83218	9	Field Blank			2.5	--
83219	10	IWA- Tent 6	2034	0.001	25	**0.005**
83220	11	OWA- Tent 6	2034	0.001	48.7	**0.009**
83221	12	IWA- Tent 9	2034	0.001	24.3	**0.005**
83222	13	OWA- Tent 9	2034	0.001		**
83223	14	IWA- Tent 24	2034	0.001	36.2	**0.007**
83224	15	OWA- Tent 24	2034	0.001	48.7	**0.009**
83225	16	IWA- Tent 29	2034	0.001	69.3	**0.013**
83226	17	OWA- Tent 29	2034	0.001		**
83227	18	IWA- Tent 25	2034	0.001	23.7	**0.004**
83228	19	OWA- Tent 25	2034	0.001	98.6	**0.019**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Results are Interim Pending Quality Control Review

TURNAROUND TIME
☒ Rush
☐ 24 hour Other ____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AE26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____**	**9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____**	**4d: Calibration Date**
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10-24-13	1st Floor				8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS ____ to ____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
8	83217			Field Blank								.00	0.00	
9	83218			Field Blank							10-24-13	15.02 OE	2.50	
10	83219	X		Test #6, at D8	13:01	16:24	203	10.02	10.02	10.02	~~2034.1~~ 2041.	.21	25.0	0.005
11	83220		X	Test #6, by D8	13:02	16:25	203	10.02	10.02	10.02	2034.1	.40	48.7	0.009
12	83221	X		Test #9, at A9	13:04	16:27	203	10.02	10.02	10.02	2034.1	.205	24.3	0.005
13	83222		X	Test #9, by A9	13:05	16:28	203	10.02	10.02	10.02	2034.1	~~xx~~	—	~~xx~~
14	83223	X		Test #24, at B1	13:07	16:~~30~~	203	10.02	10.02	10.02	2034.1	.30	36.2	0.007
15	83224		X	Test #24, by B1 10-24-13	13:08	16:31	203	10.02	10.02	10.02	2034.1	.40	48.7	0.009
16	83225	X		Test #~~28~~29, at H6 OE	13:~~13~~	16:36	203	10.02	10.02	10.02	2034.1	.565	69.3	0.013
17	83226		X	Test #~~28~~29, by H6	13:14	16:37	203	10.02	10.02	10.02	2034.1	~~xx~~	—	~~xx~~
18	83227	X		Test #25, at A2	13:10	16:33	203	10.02	10.02	10.02	2034.1	.20	23.7	0.004
19	83228		X	Test #25, by A2	13:11	16:34	203	10.02	10.02	10.02	2034.1	.80	98.6	0.019

CHAIN OF CUSTODY

Pickup ☐-Drop Box

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-24-13			10/25	0825
II.					
III.					

LAB INFORMATION

23. Lab Name	RESPONSE		24. Date	25. Time
a. Analyzed By:	JUSTIN ADAMS		10/25/13	0937
b. QC by:	83220-48.9, 83225-74 MC		10/25	
c. Lab Batch #: 1585-9053	QC# 83220 Std: 0.849	QC# 83225 Std: 3283	QC# Std:	

26. Project Manager:	27. Results To: results@ambient-env.com Hatim.Eltilib@ogs.ny.gov	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10-18-13	29: Comments: AX = OVER LOADED

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9054

Abatement Address:

Work Area: *1st Fl Area 22*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *24 Hours*

Sampled By David Foote

Date Collected: *10/24/2013* ***Date Analyzed:*** *10/25/2013* ***QC Checked By:*** *Justin Adams*

Date Received: *10/25/2013* ***Report Date:*** *10/28/2013* ***Date of QC Check:*** *10/28/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83229	20	Field Blank			1.27	–
83230	21	Field Blank			3.82	–
83231	22	IWA- Mens Entry at Pipe Chase	1202	0.002	11.5	**0.004**
83232	23	IWA- Mens Entry Southside	1202	0.002	6.37	**<0.002**
83233	24	IWA- Mens Restroom Center	1202	0.002	12.7	**0.004**
83234	25	IWA- Womens Restroom Center	1202	0.002	10.2	**0.003**
83235	26	IWA- Womens Restroom by Entry Door	1202	0.002	7.64	**0.002**
83236	27	OWA- Lobby Center Upper Area	1202	0.002	20.4	**0.007**
83237	28	OWA- Lobby West End East Steps	1202	0.002	14	**0.004**
83238	29	OWA- Lobby West Center East Steps	1202	0.002	15.3	**0.005**
83239	30	OWA- Lobby Center East Steps	1202	0.002	11.5	**0.004**
83240	31	OWA- Lobby East End East Steps	1202	0.002	6.37	**<0.002**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*
Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

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F/cc = *Fibers per Cubic Centimeter*
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N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☐ Rush
~~☐~~ 24 hour Other ____

Results are Interim Pending Quality Control Review

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AE26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:** ☐ Manufacturer ☐ Gilibrator ☒ Drycal
130905AD	Washington Ave, Albany, NY	David Foote	**4d: Calibration Date** 8-29-13

5. Date	6. Abatement Location:	7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____	9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____
10-24-13	1st Floor, Area 22			

DAILY AIR SAMPLE RECORD SHIFT HOURS ____ to ____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
20	83229			Field Blank								1/100	1.27	
21	83230			Field Blank								3/100	3.82	
22	83231	X		Men's Entry, at pipe chase	16:55	18:55	120	10.02	10.02	10.02	1202.4	11/100	11.5	0.004
23	83232	|		Men's Entry, southside	16:56	18:56	120	10.02	10.02	10.02	1202.4	7/100	6.37	<0.002
24	83233	|		Men's Restroom, center	16:57	18:57	120	10.02	10.02	10.02	1202.4	14/100	12.7	0.004
25	83234	|		Women's Restroom, center	16:58	18:58	120	10.02	10.02	10.02	1202.4	10/100	10.2	0.003
26	83235	|		Women's Entry, by door	16:59	18:59	120	10.02	10.02	10.02	1202.4	8/100	7.64	0.002
27	83236		X	Lobby, center, upper area	17:05	19:05	120	10.02	10.02	10.02	1202.4	18/100	20.4	0.007
28	83237		|	Lobby, west end, east steps	17:06	19:06	120	10.02	10.02	10.02	1202.4	13/100	14.0	0.004
29	83238		|	Lobby, west center, east steps	17:07	19:07	120	10.02	10.02	10.02	1202.4	14/100	15.3	0.005
30	83239		|	Lobby, center, east steps	17:08	19:08	120	10.02	10.02	10.02	1202.4	11/100	11.5	0.004
31	83240		|	Lobby, east end, east steps	17:09	19:09	120	10.02	10.02	10.02	1202.4	7/100	6.37	<0.002
	83241			QC BLANK								1/100	1.27	

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-24-13			10/25	0831
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name: RJ Lee Group, Inc. 1917		24. Date	25. Time
a. Analyzed By: Megan Lahaye		10/25	0938
b. QC by: 83230-2 CT, 83235-4.99, 83240-2.5T		JA 10/28	
c. Lab Batch #: 585-9059	QC# 83230 Std: 0.898 / QC# 83235 Std: 1.874 / QC# 83240 Std: 2.701		

26. Project Manager:	27. Results To: results@ambient-env.com Hatim.Eltilib@ogs.ny.gov	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10-18-13	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9070

Abatement Address:

Work Area: *Penthouse Tents*

Client Project #: 130905AD

Phase of Sampling: Prep-IIA

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *24 Hours*

Sampled By Bob DeRuyter

Date Collected: *10/25/2013* ***Date Analyzed:*** *10/28/2013* ***QC Checked By:*** *Justin Adams*

Date Received: *10/28/2013* ***Report Date:*** *10/29/2013* ***Date of QC Check:*** *10/29/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83372	01	Field Blank			0	--
83373	02	Field Blank			1.27	--
83374	03	OWA- Ambient	1440	0.002	0.64	**<0.002**
83375	04	OWA- Decon Ent	1440	0.002	54.1	**0.014**
83376	05	OWA- Waste Out	1440	0.002	54.1	**0.014**
83377	06	OWA- Decon Exit	1440	0.002	58	**0.015**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

**Required Information Needed for Quality Control Review

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☐ Rush
☒ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
NYS OGS	Bldg 1	Robert DeRuyter	AF 33
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905A0	1200 Washington Ave Albany		☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer / Lot #**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer / Lot #**	**9. Type:** a. ☐Phase IB b. ☒Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other	**4d: Calibration Date**
---	---	---	---	---	---
10/25/13	Penthouse Tents	EMS			8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS 7 to 15:30 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
001	83372			Field Blank								0/100	0.00	
002	83373			Field Blank								1/100	1.27	
003	83374		X	Ambient	725	1525	480	3	3	3	1440	1/100	0.64	<0.002
004	83375		X	Decon Ent	729	1529	480	3	3	3	1440	43/100	54.1	0.014
005	83376		X	Waste Out	729	1529	480	3	3	3	1440	43/100	54.1	0.014
006	83377		X	Decon Exit	730	1530	480	3	3	3	1440	44/100	58.0	0.015

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10/25/13	1800		10/28	0949
II.					
III.					

LAB INFORMATION

☒ Drop Box

23. Lab Name		24. Date	25. Time
a. Analyzed By:		10/28	1117
b. QC by: 83375-54		10/29	
c. Lab Batch #: 1585-9760	QC# 83375 Std: 0.141	QC# Std:	QC# Std:

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☒ See drawing for this shift. ☒ See drawing dated:_____	29: Comments:
Bryan Cleary			

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NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9069

Abatement Address:

Work Area: *1st Floor*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD
Phase of Sampling: Finals-IIC
Turn Around Time: <24 Hours(Rush)
Sampled By Bob DeRuyter

Date Collected: 10/25/2013 ***Date Analyzed:*** 10/28/2013 ***QC Checked By:*** Megan LaBarge
Date Received: 10/28/2013 ***Report Date:*** 10/29/2013 ***Date of QC Check:*** 10/28/2013

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83363	01	Field Blank			0	--
83364	02	Field Blank			2.5	--
83365	03	OWA- Tent 2	1200	0.002	23.7	**0.008**
83366	04	IWA- Tent 2	1200	0.002	83	**0.027**
83367	05	OWA- Tent 3	1200	0.002	36.2	**0.012**
83368	06	IWA- Tent 3	1200	0.002	43.7	**0.014**
83369	07	IWA- Tent 10	1200	0.002	33.7	**0.011**
83370	08	OWA- Tent 10	1200	0.002	15	**0.005**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other ____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
NYS OGS	Building 1	Robert Dekuyter	AF 3
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:** ☐ Manufacturer ☐ Gilibrator ☒ Drycal
130905.40	Washington Ave Albany		
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE)** Cassette/Filter Manufacturer EMS Lot # 20130308	**8. ☐ TEM (0.45 micron MCE)** Cassette/Filter Manufacturer ____ Lot # ____	**9. Type:** a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____	**4d: Calibration Date**
---	---	---	---	---	---
10/25	1st floor				8-29-13

DAILY AIR SAMPLE RECORD

SHIFT HOURS 0700 to 1645 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location			13. Time (24 hour clock)			14. Flow Rate (liters/ minute)			15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average				
001	83363			Field Blank								.00	0.00	
002	83364			Field Blank								.02	2.50	
003	83365		X	tent #2	1335	1535	120	10	10	10	1200	.20	23.7	0.008
004	83366	X		tent #2	1336	1536	120	10	10	10	1200	.675	83.0	0.027
005	83367		X	tent #3	1350	1550	120	10	10	10	1200	.30	36.2	0.012
006	83368	X		tent #3	1350	1550	120	10	10	10	1200	.36	43.7	0.014
007	83369	X		tent #10	1400	1600	120	10	10	10	1200	.28	33.7	0.011
008	83370		X	tent #10	1402	1602	120	10	10	10	1200	.13	15.0	0.005
	83371			QC BLANK								.02	2.50	

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Robert Dekuyter	1645 10/25/13	1645		10/28	0906
II.					
III.					

LAB INFORMATION

☒ Drop Box

23. Lab Name	Response	1/9/7	24. Date	25. Time
a. Analyzed By:		Justin Adams	10/28	1003
b. QC by:	83365 - 3.5	83370 - 11.2	MC 10/28	
c. Lab Batch #: 1585-9069	QC# 83365 Std: 8.485	QC# 83370 Std: 2.687	QC# Std:	

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐ See drawing for this shift. ☒ See drawing dated: ____	29: Comments:
Bryan Cleary			NYS OGS Rates

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NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9078

Abatement Address:

Work Area: *1st Floor*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: *<24 Hours(Rush)*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Sampled By David Foote

Date Collected: *10/28/2013* ***Date Analyzed:*** *10/29/2013* ***QC Checked By:*** *Megan LaBarge*
Date Received: *10/29/2013* ***Report Date:*** *10/31/2013* ***Date of QC Check:*** *10/31/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83457	13	Field Blank			2.5	--
83458	14	Field Blank			0	--
83459	15	IWA- Tent 41	1202	0.002	8.74	**0.003**
83460	16	OWA- Tent 41	1202	0.002	13.1	**0.004**
83461	17	IWA- Tent 40	1202	0.002	38.1	**0.012**
83462	18	OWA- Tent 40	1202	0.002	58.7	**0.019**
83463	19	IWA- Tent 38	1202	0.002	16.9	**0.005**
83464	20	OWA- Tent 38	1202	0.002	53.7	**0.017**
83465	21	IWA- Tent 26	1202	0.002	16.9	**0.005**
83466	22	OWA- Tent 26	1202	0.002	25.6	**0.008**
83467	23	IWA- Tent 4	1202	0.002	19.4	**0.006**
83468	24	OWA- Tent 4	1202	0.002	66.2	**0.021**
83469	25	IWA- Tent 27	1202	0.002	25	**0.008**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

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F/cc = *Fibers per Cubic Centimeter*
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LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9078

Abatement Address:

Work Area: *1st Floor*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: *<24 Hours(Rush)*

Sampled By David Foote

Date Collected: *10/28/2013* ***Date Analyzed:*** *10/29/2013* ***QC Checked By:*** *Megan LaBarge*

Date Received: *10/29/2013* ***Report Date:*** *10/31/2013* ***Date of QC Check:*** *10/31/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83470	26	OWA- Tent 27	1202	0.002	68.7	**0.022**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AC26
2. Project Number	**3a. Project Address**	**4a. Air Sampler**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer / Lot #**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer / Lot #**	**9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other**	**4d: Calibration Date**
---	---	---	---	---	---
10-28-13	1st Floor				8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS _____ to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
13	83457			Field Blank								.02	2.50	
14	83458			Field Blank								.00	0.00	
15	83459	X		Tent #41, at C19	13:10	15:10	120	10.02	10.02	10.02	1202.4	.08	8.74	0.003
16	83460		X	Tent #41, by C19	13:11	15:11	120	10.02	10.02	10.02	1202.4	.215 (44)	13.1	0.004
17	83461	X		Tent #40, at C13	13:13	15:13	120	10.02	10.02	10.02	1202.4	.315	38.1	0.012
18	83462		X	Tent #40, by C13	13:14	15:14	120	10.02	10.02	10.02	1202.4	.48	58.7	0.019
19	83463	X		Tent #38, at east lobby	13:16	15:16	120	10.02	10.02	10.02	1202.4	.145	16.9	0.005
20	83464		X	Tent #38, by east lobby	13:17	15:17	120	10.02	10.02	10.02	1202.4	.44	53.7	0.017
21	83465	X		Tent #26, at D3	13:19	15:19	120	10.02	10.02	10.02	1202.4	.145	16.9	0.005
22	83466		X	Tent #26, by D3	13:20	15:20	120	10.02	10.02	10.02	1202.4	.215	25.6	0.008
23	83467	X		Tent #4, at F6	13:22	15:22	120	10.02	10.02	10.02	1202.4	.165	19.4	0.006
24	83468		X	Tent #4, by F6	13:23	15:23	120	10.02	10.02	10.02	1202.4	.54	66.2	0.021

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-28-13			10/29	0830
II.	10/29/13	1335			
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Response	1917	24. Date	25. Time
a. Analyzed By:	ADAMS		10/29	0955
b. QC by:	83460-13.7, 83465-12.7, 83470-49.5	ML	10/30	
c. Lab Batch #:	1585-9078	QC# 83460 Std: 0.414	QC# 83465 Std: 2.970	QC# 83470 Std: 133

26. Project Manager:	27. Results To: results@ambient-env.com Hatim.Elfil@ogs.ny.gov	28. Drawing: ☐See drawing for this shift. ☐ See drawing dated:_____	29: Comments:

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Comprehensive Building Science Solutions
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PH: 518-482-0704 I FX: 518-482-0750
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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other _____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	David Foote	AE-26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	David Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____**	**4d: Calibration Date**
---	---	---	---	---	---
10-28-13	1st Floor				8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS _____ to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location			13. Time (24 hour clock)			14. Flow Rate (liters/ minute)			15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average				
				Field Blank										
				Field Blank										
25	83469	X		Test #27, at F3	13:25	15:25	120	10.02	10.02	10.02	1202.4	.21	25.0	0.008
26	83470		X	Test #27, by F3	13:26	15:26	120	10.02	10.02	10.02	1202.4	.56	68.7	0.022

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. David Foote	10-28-13			10/29	0830
II.	10/29/13	1335			
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	RJS Associates	1917	24. Date	25. Time
a. Analyzed By:				
b. QC by:	Adams		10/29	0955
c. Lab Batch #: 1585-9078	QC# Std:	QC# Std:	QC# Std:	

26. Project Manager:	27. Results To: results@ambient-env.com Hatim.ElTibi@ogs.ny.gov	28. Drawing: ☐See drawing for this shift. ☐ See drawing dated: _____	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9079

Abatement Address:

Work Area: *1st Fl Area 20*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD
Phase of Sampling: Finals-IIC
Turn Around Time: *<24 Hours(Rush)*
Sampled By David Foote

Date Collected: *10/28/2013* ***Date Analyzed:*** *10/29/2013* ***QC Checked By:*** *Justin Adams*
Date Received: *10/29/2013* ***Report Date:*** *10/31/2013* ***Date of QC Check:*** *10/31/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83471	1	Field Blank			1.27	--
83472	2	Field Blank			1.27	--
83473	3	IWA- Mechanical Room Northwest	1202	0.002	21.7	0.007
83474	4	IWA- Mechanical Room Northeast	1202	0.002	14	0.004
83475	5	IWA- Mechanical Room East Center	1202	0.002	20.4	0.007
83476	6	IWA- Mechanical Room Southeast	1202	0.002	26.8	0.009
83477	7	IWA- Mechanical Room Southwest	1202	0.002	17.8	0.006
83478	8	OWA- Hallway by Entry	1222	0.002	6.37	<0.002
83479	9	OWA- Hallway by Stairs	1222	0.002	8.92	0.003
83480	10	OWA- Hallway by Mechanical	1222	0.002	12.7	0.004
83481	11	OWA- Hallway North End West	1222	0.002	16.6	0.005
83482	12	OWA- Hallway North End East	1222	0.002	16.6	0.005

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*
Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

F/mm2 = *Fibers per Millimeter Squared*
F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building 1	Daniel Foote	AC 26
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Washington Ave, Albany, NY	Daniel Foote	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer / Lot #**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer / Lot #**	**9. Type:** a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other	**4d: Calibration Date**
---	---	---	---	---	---
10-28-13	1st Floor, Area 20				8-29-13

DAILY AIR SAMPLE RECORD SHIFT HOURS _____ to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
1	83471			Field Blank								1/100	1.27	
2	83472			Field Blank								1/100	1.27	
3	83473	X		Mechanical, northwest	8:42	10:42	120	10.02	10.02	10.02	1202.4	18/100	21.7	0.007
4	83474	X		Mechanical, northeast	8:43	10:43	120	10.02	10.02	10.02	1202.4	12/100	14.0	0.004
5	83475	X		Mechanical, east center	8:44	10:44	120	10.02	10.02	10.02	1202.4	17/100	20.4 - 6.0 = 14.4 * 10/31	0.007 - 0.005 = 0.002
6	83476	X		Mechanical, southeast	8:45	10:45	120	10.02	10.02	10.02	1202.4	22/100	26.8	0.009
7	83477	X		Mechanical, southwest	8:46	10:46	120	10.02	10.02	10.02	1202.4	15/100	17.8	0.006
8	83478		X	Hallway, by entry	8:52	10:54	122	10.02	10.02	10.02	1222.4	6/100	6.37	<0.002
9	83479		X	Hallway, by stairs	8:53	10:55	122	10.02	10.02	10.02	1222.4	8/100	8.92	0.003
10	83480		X	Hallway, by mechanical	8:54	10:56	122	10.02	10.02	10.02	1222.4	11/100	12.7	0.004
11	83481		X	Hallway, north end, west	8:55	10:57	122	10.02	10.02	10.02	1222.4	14/100	16.6	0.005
12	83482		X	Hallway, north end, east	8:56	10:58	122	10.02	10.02	10.02	1222.4	14/100	16.6	0.005
	83483			QC BLANK								3/100	3.82	

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Daniel Foote	10-28-13			10/29	0831
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	RESPONSE 1997	24. Date	25. Time
a. Analyzed By:	Megan Labarge	10/29	0940
b. QC by:	83475-21.2, 83480-15.3 UA	10/31	
c. Lab Batch #:	1585-909	QC# 83475 Std: 0.5166 / QC# 83480 Std: 1.658 / QC# Std:	

26. Project Manager:	27. Results To: results@ambient-env.com Hatim.Gitlib@ogs.ny.gov	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10-18-13	29: Comments:

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9089

Abatement Address:

Work Area: *1st Floor*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD
Phase of Sampling: Finals-IIC
Turn Around Time: <24 Hours(Rush)
Sampled By Bryan Cleary

Date Collected: *10/29/2013* ***Date Analyzed:*** *10/30/2013* ***QC Checked By:*** *Megan LaBarge*
Date Received: *10/30/2013* ***Report Date:*** *11/1/2013* ***Date of QC Check:*** *10/31/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83575	27	Field Blank			0	--
83576	28	Field Blank			2.5	--
83577	29	IWA- Tent 37	1200	0.002	66.2	**0.021**
83578	30	OWA- Tent 37	1200	0.002	76.8	**0.025**
83579	31	IWA- Tent 29	1200	0.002	41.2	**0.013**
83580	32	OWA- Tent 29	1200	0.002	13.1	**0.004**
83581	33	IWA- Tent 36	1200	0.002	37.5	**0.012**
83582	34	OWA- Tent 36	1200	0.002	47.4	**0.015**
83583	35	IWA- Tent 28	1200	0.002	72.4	**0.023**
83584	36	OWA- Tent 28	1200	0.002	26.2	**0.008**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

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Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
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NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page ____ of ____

TURNAROUND TIME
☑ Rush ML 10/30
~~☐ 24 hour~~ Other ____

Results are Interim Pending Quality Control Review

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Dicky #1	Clea	
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	~~140~~ Westm Harriman State Camps	Clear	☐ Manufacturer ☐ Gilibrator ☐ Drycal

5. Date	6. Abatement Location:	7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____	9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☑Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____	4d: Calibration Date
10 29	1st Flow				

DAILY AIR SAMPLE RECORD SHIFT HOURS ____ to ____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
27	83575			Field Blank								.00	0.00	
28	83576			Field Blank								.02	2.50	
29	83577	\		Tent 37 in	0755	955	120	10	10	10	1200	.54	66.2	0.021
30	83578		\	Tent 37 out	0756	0955	120	10	10	10	1200	.625	76.8	0.025
31	83579	\		Tent 29 in	0759	0959	120	10	10	10	1200	.34	41.2	0.013
32	83580		\	Tent 29 out	0820	1020	120	10	10	10	1200	.115	13.1	0.004
33	83581	\		Tent 36 in	1200	1400	120	10	10	10	1200	.31	37.5	0.012
34	83582		\	Tent 36 out	1206	1406	120	10	10	10	1200	.39	47.4	0.015
35	83583	\		Tent 28 in	1218	1418	120	10	10	10	1200	.59	72.4	0.023
36	83584		\	Tent 28 out	1222	1422	120	10	10	10	1200	.22	26.2	0.008

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10-29-13			10/30/13	0911
II. Mike Lusky	10/30/13	1058	[signature]	10/31/13	1059
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name: Response 1917			24. Date	25. Time
a. Analyzed By:	JM/AMG		10/30	1044
b. QC by: 83575-1.20	83580-17.5	ML	10/31	
c. Lab Batch #: 1585-9089	QC# 83575 Std: 0.898	QC# 83580 Std: 3.111		QC# Std:

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐ See drawing for this shift. ☐ See drawing dated: ____	29: Comments:
Brian			

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9090

Abatement Address:

Work Area: *Penthouse*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By Bryan Cleary

Date Collected: *10/29/2013* ***Date Analyzed:*** *10/30/2013* ***QC Checked By:*** *Megan LaBarge*

Date Received: *10/30/2013* ***Report Date:*** *11/1/2013* ***Date of QC Check:*** *10/30/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83585	01	Field Blank			0	–
83586	02	Field Blank			2.55	–
83587	03	IWA- Left	1200	0.002	0	<0.002
83588	04	IWA- Right	1200	0.002	0	<0.002
83589	05	IWA- Center	1200	0.002	0	<0.002
83590	06	OWA- Landing	1200	0.002	25.5	0.008
83591	07	OWA- Stair	1200	0.002	26.8	0.009
83592	08	OWA- Airlock	1200	0.002	20.4	0.007

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

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LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

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Comprehensive Building Science Solutions
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NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Results are Interim Pending Quality Control Review

TURNAROUND TIME
☑ Rush ML 10/30
~~☐ 24 hour~~ Other ____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
CC-5	Bldg 1	Clear	
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:** ☐ Manufacturer ☐ Gilibrator ☐ Drycal
130905AD	Hamilton St Campus	Clear	**4d: Calibration Date**

5. Date	6. Abatement Location:	7. ☐ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____	9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____
10-29	Penthouse			

DAILY AIR SAMPLE RECORD SHIFT HOURS ____ to ____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
P01	83585			Field Blank								0/100	0.00	
P02	83586			Field Blank								2/100	2.55	
P03	83587	\		Left	1520	1720	120	10	10	10	120	0/100	0.00	< 0.002
P04	83588	\		Right	1520	1720	↓	10	10	10	↓	1/100	0.00	< 0.002
P05	83589	\		Center	1520	1720		10	10	10		1/100	0.00	< 0.002
P06	83590		\	Landing	1526	1726		10	10	10		21/100	2.55	0.008
P07	83591		\	Stair	1526	1726		10	10	10		22/100	2.8	0.009
P08	83592		\	Airlock	1527	1727	↓	10	10	10		17/100	2.04	0.007
	83593			QC BLANK								1/100	1.27	

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I.	10/29			10/30	0911
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Accutest	11917	24. Date	25. Time
a. Analyzed By:			10/30	1050
b. QC by:	83590-306	ML	10/30	
c. Lab Batch #:	1585-9090	QC# 83590 Std: 3.0ug/L	QC# Std:	QC# Std:

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐ See drawing for this shift. ☐ See drawing dated: ____	29: Comments:
Brian			

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Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9096

Abatement Address:

Work Area: *1st Fl*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By Eric Rath

Date Collected: *10/30/2013* ***Date Analyzed:*** *10/30/2013* ***QC Checked By:*** *Megan LaBarge*

Date Received: *10/30/2013* ***Report Date:*** *11/1/2013* ***Date of QC Check:*** *10/30/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83667	37	Field Blank			2.5	–
83668	38	Field Blank			1.25	–
83669	39	OWA- Tent 3	1200	0.002	35	**0.011**
83670	40	IWA- Tent 3	1200	0.002	10.6	**0.003**
83671	41	OWA- Tent 4	1200	0.002	21.8	**0.007**
83672	42	IWA- Tent 4	1200	0.002	8.11	**0.003**
83673	43	OWA- Tent 9	1200	0.002	26.8	**0.009**
83674	44	IWA- Tent 9	1200	0.002	13.1	**0.004**
83675	45	OWA- Tent 5	1200	0.002	45.6	**0.015**
83676	46	IWA- Tent 5	1200	0.002	30.6	**0.010**
83677	47	OWA- Tent 2	1200	0.002	26.8	**0.009**
83678	48	IWA- Tent 2	1200	0.002	8.11	**0.003**

Microscope: *7D14183 Olympus* ***FOV:*** *0.00801 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.166, 25.6->63.7 f/mm=.160, 63.8->127.4 f/mm=.163, >127.5 f/mm=.190*

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****= Sample Filter Damaged*

Comments:

Analyst,
Justin Adams

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☑ Rush
~~☑ 24 hour~~ Other _____
EKR

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building #1	Eric K. Rath	4
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
13 0905 AD	Harriman State Campus	Eric K. Rath	☐ Manufacturer ☐ Gilibrator ☑ Drycal
5. Date	**6. Abatement Location:**	**7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacturer / Lot #**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer / Lot #**	**9. Type:** a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☑Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other	**4d: Calibration Date**
---	---	---	---	---	---
10·30·13	1st Floor				8·29·13

DAILY AIR SAMPLE RECORD SHIFT HOURS 0700 to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
37	83667			Field Blank	/	/	/	/	/	/	/	.02	2.50	
38	83668			Field Blank								.01	1.25	
39	83669		/	Tent #3 out	0750	0950	120	10	10	10	1200	.295	35.0	0.011
40	83670	/		Tent #3 IN	0750	EKR 0950 ~~0755~~	120	10	10	10	1200	.10	10.6	0.003
41	83671		/	Tent #4 out	0754	0954	120	10	10	10	1200	.19	21.8	0.007
42	83672	/		Tent #4 IN	0755	0955	120	10	10	10	1200	.08	8.11	0.003
43	83673		/	Tent #9 Out	0800	1000	120	10	10	10	1200	.23	26.8	0.009
44	83674	/		Tent #9 IN	0801	1001	120	10	10	10	1200	.12	13.1	0.004
45	83675		/	Tent #5 Out	0817	1017	120	10	10	10	1200	.38	45.6	0.015
46	83676	/		Tent #5 IN	0817	1017	120	10	10	10	1200	.26	30.6	0.010
47	83677		/	Tent #2 out	0821	1021	120	10	10	10	1200	.23	26.8	0.009
48	83678	/		Tent #2 IN	0821	1021	120	10	10	10	1200	.08	9.11	0.003

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Eric K. Rath	10·30·13	10135		10/30	1046
II.	10/30/13	1159	Robert Fitzpatrick	10/30	1159
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	RESPONSE	11917	24. Date	25. Time
a. Analyzed By:	KRISTEN ADAMS		10/30/13	1141
b. QC by: 83670-14.4, 83675-36.3	MC		10/30	
c. Lab Batch #: 1585.9096	QC# 83670 Std: 2.057	QC# 83675 Std: 6.576	QC# Std:	

26. Project Manager:	27. Results To: Ambient Phone #'s: Fax:	28. Drawing: ☐See drawing for this shift. ☐ See drawing dated:	29: Comments:
Bryon Cleary			

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9098

Abatement Address:

Work Area: *1st Fl*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Sampled By Eric Rath

Date Collected: 10/30/2013 ***Date Analyzed:*** 10/30/2013 ***QC Checked By:*** Justin Adams

Date Received: 10/30/2013 ***Report Date:*** 11/1/2013 ***Date of QC Check:*** 10/31/2013

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83691	49	OWA- Tent 10	1200	0.002	16.6	**0.005**
83692	50	IWA- Tent 10	1200	0.002	2.55	**<0.002**
83693	51	OWA- Tent 11	1200	0.002	6.37	**<0.002**
83694	52	IWA- Tent 11	1200	0.002	11.5	**0.004**
83695	53	OWA- Tent 12	1200	0.002	11.5	**0.004**
83696	54	IWA- Tent 12	1200	0.002	5.1	**<0.002**
83697	55	OWA- Tent 14	1200	0.002	6.37	**<0.002**
83698	56	IWA- Tent 14	1200	0.002	5.1	**<0.002**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

Definitions of Abreviations:

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
*= *High Particulate Matter, Results Probably Biased*
**= *>50% Particulate Matter, Sample Overloaded*
***= *Sample Filter Damaged*

Comments: Field Blanks Not Submitted-Set Not Blank Adjusted

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

**Results are Interim Pending Quality Control R...

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☑ Rush
~~24 hour~~ EKR
Other ____

PROJECT INFORMATION

1. Client: OGS	3. Project Name: Building #1	4. Project Monitor: Eric K. Rath	4b. Rotameter Number 4
2. Project Number: 13 0905 AD	3a. Project Address: Harriman State Campus	4a. Air Sampler: Eric K. Rath	4c: Rotameter calibration: ☐ Manufacturer ☐ Gilibrator ☑ Drycal
5. Date: 10·30·13	6. Abatement Location: 1st Floor	7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____ / 8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer ____ Lot # ____	9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☑Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other ____ / 4d: Calibration Date 8·29·13

DAILY AIR SAMPLE RECORD

SHIFT HOURS 0700 to ____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/fields minus blanks		17. Fiber concentration (f/cc)
/	/	/	/	Field Blank	/	/	/	/	/	/	/			
				Field Blank										
49	83691	/		Tent #10 OUT	1051	1251	120	10	10	10	1200	13/100	16.6	0.005
50	83692	/		Tent #10 IN	1051	1251	120	10	10	10	1200	2/100	2.55	<0.002
51	83693		/	Tent #11 OUT	1053	1253	120	10	10	10	1200	5/100	6.37	<0.002
52	83694	/		Tent #11 IN	1053	1253	120	10	10	10	1200	9/100	11.5	0.004
53	83695		/	Tent #12 OUT	1054	1254	120	10	10	10	1200	9/100	11.5	0.004
54	83696	/		Tent #12 IN	1054	1254	120	10	10	10	1200	4/100	5.10	<0.002
55	83697		/	Tent #14 OUT	1056	1256	120	10	10	10	1200	5/100	6.37	<0.002
56	83698	/		Tent #14 IN	1056	1256	120	10	10	10	1200	4/100	5.10	<0.002
~~57~~			/	~~Tent #20 OUT~~			VOID							
~~58~~		/		~~Tent #20 IN~~										

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Eric K. Rath	10·30·13		Megan Rath	10/30	1324
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name: Hygiene [illegible]			24. Date	25. Time
a. Analyzed By: Megan Rath			10/30	1358
b. QC by: 83695-15 [illegible]			10/31	
c. Lab Batch #: 1585-9098	QC# 83695 Std: 2.475	QC# Std:	QC# Std:	

26. Project Manager: Bryan Cleary

27. Results To: Ambient
Phone #'s: ____
Fax: ____

28. Drawing: ☑ See drawing for this shift. ☑ See drawing dated: ____

29: Comments: No Field Blanks Submitted - Set Not blank adjusted

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12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9099

Abatement Address:

Work Area: *Southwest Penthouse*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: *<24 Hours(Rush)*

Sampled By Eric Rath

Date Collected: *10/30/2013* ***Date Analyzed:*** *10/30/2013* ***QC Checked By:*** *Justin Adams*
Date Received: *10/30/2013* ***Report Date:*** *11/4/2013* ***Date of QC Check:*** *11/4/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83699	57	Field Blank			0	--
83700	58	Field Blank			1.27	--
83701	59	OWA- Right Stair Landing	1200	0.002	12.1	**0.004**
83702	60	OWA- Center Stair Landing	1200	0.002	19.7	**0.006**
83703	61	OWA- Left Stair Landing	1200	0.002	8.28	**0.003**
83704	62	IWA- Rear of Cont.	1200	0.002	17.2	**0.006**
83705	63	IWA- Center of Cont	1200	0.002	21	**0.007**
83706	64	IWA- Front of Containmentl	1200	0.002	9.55	**0.003**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

Not Asbestos Specific. Laboratory results limited to F/mm2. Fibers/cc have been calculated after subtracting the field blank average. Liability limited to the cost of analysis. These results relate only to items tested. Reports may not be reproduced, except in full, without written permission of Response Labs, LLC.

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

**Results are interim Pending Quality Control Review

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Building #1	Eric K. Rath	4
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
13 0905 AD	Harriman State Campus	Eric K. Rath	☐ Manufacturer ☐ Gilibrator ☑ Drycal
5. Date	**6. Abatement Location:**	**7. ☑ PCM (0.8 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☑Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____**	**4d: Calibration Date**
---	---	---	---	---	---
10.30.13	1st CKR Floor south west Penthouse				8.29.13

DAILY AIR SAMPLE RECORD SHIFT HOURS 0700 to _____ (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location			13. Time (24 hour clock)			14. Flow Rate (liters/ minute)			15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
		12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average				
57	83699			Field Blank								0/100	0.00	
58	83700			Field Blank								1/100	1.27	
59	83701		/	Right stair landing	1316	1516	120	10	10	10	1200	10/100	12.1	0.004
60	83702		/	Center stair landing	1316	1516	120	10	10	10	1200	16/100	19.7	0.006
61	83703		/	left stair landing	1316	1516	120	10	10	10	1200	7/100	8.28	0.003
62	83704	/		Rear of cont.	1319	1519	120	10	10	10	1200	14/100	17.2	0.006
63	83705	/		Center cont.	1319	1519	120	10	10	10	1200	17/100	21.0	0.007
64	83706	/		Front of containment	1319	1519	120	10	10	10	1200	8/100	9.55	0.003

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Eric K. Rath	10.30.13		Meg Luthy	10/30	1555
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Mesfran 11917	24. Date	25. Time
a. Analyzed By:	Meg Luthy	10 30	1626
b. QC by:	83700-0, 83705-156 JA	11/4	
c. Lab Batch #:	1585-9099	QC# 83700 Std: 0.898	QC# 83705 Std: 3.818

26. Project Manager:	27. Results To: Ambient Phone #'s: _____ Fax: _____	28. Drawing: ☐See drawing for this shift. ☑See drawing dated: _____	29: Comments:
Bryon Cleary			

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9107

Abatement Address:

Work Area: *3rd Floor*

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By Client

Date Collected: 10/31/2013 ***Date Analyzed:*** 10/31/2013 ***QC Checked By:*** Megan LaBarge

Date Received: 10/31/2013 ***Report Date:*** 11/1/2013 ***Date of QC Check:*** 10/31/2013

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83796	77	Field Blank			2.55	--
83797	78	Field Blank			0	--
83798	79	IWA- T6	1220	0.002	14	**0.004**
83799	80	OWA- T6	1200	0.002	14	**0.004**
83800	81	IWA- T7	1220	0.002	28	**0.009**
83801	82	OWA- T7	1200	0.002	16.6	**0.005**

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

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F/cc = *Fibers per Cubic Centimeter*
TWA=*Time Weighted Average*
N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other_____

Results are Interim Pending Quality Control Review

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Bldg 1	MARK Teale	4
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905AD	Harriman State Campus	MARK Teale	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer _____ Lot # _____**	**9. Type: a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☐Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other _____**	**4d: Calibration Date**
10/31/13	3rd Floor				8/13

DAILY AIR SAMPLE RECORD SHIFT HOURS 0700 to 1700 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
77	83796			Field Blank								2/100	2.55	
78	83797			Field Blank								0/100	0.00	
79	83798	/		T6	0923	1130	122	10	10	10	1220	12/100	14.0	0.004
80	83799		/	T6	0930	1130	120	10	10	10	1200	12/100	14.0	0.004
81	83800	/		T7	0933	1135	122	10	10	10	1220	23/100	28.0	0.009
82	83801		/	T7	0935	1135	120	10	10	10	1200	16/100	16.6	0.005
	83802			QL BLANK								2/100	2.55	

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Mark Teale				10/31/13	1310
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name	Response	1997	24. Date	25. Time
a. Analyzed By:			10/31	1421
b. QC by: 83800-26.8			10/31	
c. Lab Batch #: 1585-9107	QC# 83800 Std: 0.899	QC# Std:	QC# Std:	

26. Project Manager:	27. Results To: results@ambient-env.com	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10/31/13	29: Comments:
Joella Viscusi			

Response Labs, LLC.
12 Colvin Avenue, Albany NY 12206
Phone (518) 482-5630 Fax (518) 482-5624

NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopy

Project Name: **Building 1/1A**

Laboratory Batch Number
1585 - 9106

Abatement Address:

Work Area: *3rd Fl*

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Client: **Ambient Environmental Inc.**
12 Colvin Avenue
Albany NY 12206

Turn Around Time: *<24 Hours(Rush)*

Sampled By Client

Date Collected: *10/31/2013* ***Date Analyzed:*** *10/31/2013* ***QC Checked By:*** *Justin Adams*

Date Received: *10/31/2013* ***Report Date:*** *11/6/2013* ***Date of QC Check:*** *11/4/2013*

Sample Number	*Client Sample #*	*Sample Location*	*Volume(L)*	*LOD*	*F/mm2*	*F/cc*
83784	65	Field Blank			1.27	--
83785	66	Field Blank			3.82	--
83786	67	IWA- T1	1210	0.002	19.1	0.006
83787	68	OWA- T1	1200	0.002	3.82	<0.002
83788	69	IWA- T2	1210	0.002	24.2	0.008
83789	70	OWA- T2	1210	0.002	25.5	0.008
83790	71	IWA- T3	1200	0.002	17.8	0.006
83791	72	OWA- T3	1200	0.002	20.4	0.007
83792	73	IWA- T4	1220	0.002	25.5	0.008
83793	74	OWA- T4	1210	0.002	28	0.009
83794	75	IWA- T5	1200	0.002	16.6	0.005
83795	76	OWA- T5	1200	0.002	26.8	0.009

Microscope: *0C82298 Olympus* ***FOV:*** *0.00785 F/mm2* ***Laboratory RSd:*** *7.01->25.5 f/mm =.152, 25.6->63.7 f/mm=.176, 63.8->127.4 f/mm=.136, >127.5 f/mm=.218*

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F/cc = *Fibers per Cubic Centimeter*
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N/A= *Not Analyzed, Sample did not meet the Laboratory's Sample Acceptance Policy*
LOD= *Limit of Detection*
**= High Particulate Matter, Results Probably Biased*
***= >50% Particulate Matter, Sample Overloaded*
****= Sample Filter Damaged*

Comments:

Analyst,
Megan LaBarge

Laboratory Director,
Justin Adams

Ambient Environmental, Inc.
Comprehensive Building Science Solutions
12 Colvin Ave. Albany, NY 12206
PH: 518-482-0704 I FX: 518-482-0750
NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME
☒ Rush
☐ 24 hour Other _____

Results are Interim Pending Quality Control Review

PROJECT INFORMATION

1. Client	3. Project Name:	4. Project Monitor	4b. Rotameter Number
OGS	Bldg. 1	MARK Teale	X
2. Project Number	**3a. Project Address:**	**4a. Air Sampler:**	**4c: Rotameter calibration:**
130905 AD	Harriman State Campus	MARK Teale	☐ Manufacturer ☐ Gilibrator ☒ Drycal
5. Date	**6. Abatement Location:**	**7. ☒ PCM (0.8 micron MCE) Cassette/Filter Manufacturer / Lot #**	**8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer / Lot #**	**9. Type:** a. ☐Phase IB b. ☐Phase IIA c. ☐Phase IIB d. ☐Phase IIC - Cleaning e. ☒Phase IIC - Clearance f. ☐OSHA g. ☐ Environmental h. ☐ Ambient i. ☐ Other	**4d: Calibration Date**
---	---	---	---	---	---
10/31/13	3rd Floor				8/13

DAILY AIR SAMPLE RECORD SHIFT HOURS 0700 to 1700 (24 hour clock)

10. Sample I.D. Number	11. Lab Sample Number	12. Sample Location 12a. IWA	12b. OWA	12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start	13b. End	13c. Total	14. Flow Rate (liters/ minute) 14a. Start	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks		17. Fiber concentration (f/cc)
65	83784			Field Blank								1/100	1.27	
66	83785			Field Blank								3/100	3.82	
67	83786	/		T1	0950	1051	121	10	10	10	1210	17/100	19.1	0.006
68	83787		/	T1	0851	1051	120	10	10	10	1200	5/100	3.82	<0.002
69	83788	/		T2	0853	1054	121	10	10	10	1210	24/100	24.2	0.008
70	83789		/	T2	0853	1054	121	10	10	10	1210	22/100	25.5	0.008
71	83790	/		T3	0855	1055	120	10	10	10	1200	16/100	17.8	0.006
72	83791		/	T3	0955	1055	120	10	10	10	1200	18/100	20.4	0.007
73	83792	/		T4	0857	1059	122	10	10	10	1220	22/100	25.5	0.008
74	83793		/	T4	0858	1059	121	10	10	10	1210	24/100	28.0	0.009
75	83794	/		T5	0900	1100	120	10	10	10	1200	15/100	16.6	0.005
76	83795		/	T5	0900	1100	120	10	10	10	1200	23/100	26.8	0.009

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	21. Date	22. Time
I. Mark Teale	10/31/13	1200		10/31	1309
II.					
III.					

LAB INFORMATION

☐-Drop Box

23. Lab Name		24. Date	25. Time
a. Analyzed By:	Response Engineering	10/31	1359
b. QC by:	83785-2%, 83790-20.4, 83795-25% JA	11/4	
c. Lab Batch #: 1585-9106	QC# 83788 Std: 0.933	QC# 83790 Std: 1.838	QC# 83795 Std: 0.914

26. Project Manager:	27. Results To: Phone #'s: Fax:	28. Drawing: ☐See drawing for this shift. ☒See drawing dated: 10/31/13	29: Comments:
Joella Viscusi			