APPENDIX F: HAZARDOUS MATERIALS

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation EDR ID Number Database

1 NW 1/2 - 1 Mile

FED USGS USGS40000860685

Higher

Organization ID: **USGS-NY** Organization Name: USGS New York Water Science Center

Monitor Location: Type: Well A 473 Description: Not Reported HÜC: 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: Well Depth: Not Reported 197

Well Depth Units: Well Hole Depth: Not Reported ft

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

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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).

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 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.

Reference No:

Albany, New York 12226.

Account:

received.

R001902-051024

sschmid@akrf.com

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

Records Requested: Environmental records for State Office Building Campus, 1220 Washington Avenue, Buildings 1 and 2,

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.

W021944-051424 Contact E-Mail: sschmid@akrf.com

Reference No:

be completed. Your request was received in this office on 5/14/2024 and given the reference number W021944-051424 for tracking purposes.

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

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).

Contact E-Mail: sschmid@akrf.com

W021946-051424

Reference No:

fee = \$10/CD-DVD).

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

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).

APPENDIX F USER QUESTIONNAIRE

<u>Environmental Site Assessment – Site Questionnaire</u> *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

	one: 914-400-9736 nail: sschmid@akrf.com
Pe	rson completing questionnaire: Brad Hutton
Re	elationship to the Subject Property: OGS Associate Commissioner
Le	ngth 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. <i>Appropriation provided 5/28 and attached</i>
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

$\underline{Environmental\ Site\ Assessment-Site\ Question naire}$

Future Wadsworth Center, Albany NY

	plans, countermeasure or control plans, or other documentation or correspondence concerning the Subject Property. If yes, please provide copies.
	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
5.	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?
	$_{\square Yes} _{\square \ No}$ 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?
	$_{\square Yes} _{\square \ No}$ 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, 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:

Environmental Site Assessment – Site Questionnaire Future Wadsworth Center, Albany NY

		•	Wate	er:		Yes, previous demolition projects and abandoned underground
		•	Elec	ctric:		utilities documents were provided. 2016 and recently finalized 2024 water, sewer, chilled water, steam and condensate and stormwater
		•	Gas/	fuel oil:		studies for the Campus studies were provided. Previous campus survey information was provided
		•	Heat	ting and cooling	systems	survey information was provided :
		•	Sew	er or septic/cess	spool:	
		•	Tras	h collection:		
		•	Haza	ardous materials	s storage	or use (paint, solvent, pesticides, herbicides):
		•	Con	nstruction/demo	lition date	e(s):
		•	Surv	veyed drawings,	blueprin	ts, subsurface studies, renovation/addition details, etc.:
8.	Plea	ise a	advis	e whether you a	re aware	of the following:
		•				past litigation relevant to hazardous substances or petroleum Subject Property
		□ `	Yes	□ No	Not cui provide	rrently, recent Campus hazardous material survey was ed
		•				past administrative proceedings relevant to hazardous substances or from the Subject Property
		☐ [']	Yes	□ No	Not cui provide	rrently, recent Campus hazardous material survey was ed
		•				nment entity regarding any possible violation of environmental ting to hazardous materials at the Subject Property.
		□ '	Yes	□ No	Not curi provide	rently, recent Campus hazardous material survey was d
9.	prop	oerti upai	ies? l nts of	For example, a the Subject Pro	re you in operty or	ledge or experience related to the Subject Property or nearby avolved in the same line of business as the current or former an adjoining Subject Property so that you would have specialized esses used by this type of business?
	Yes		No			
10.	Plea	ıse p	provi	de:		

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

APPENDIX G
PREVIOUS STUDIES

DESIGN & CONSTRUCTION

1533 Crescent Road - Clifton Park, NY 12065

FIG. 3-1

NEW YORK

HARRIMAN SOC UTILITY STUDY

ALBANY

File Name: F:\mj915)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)

DESIGN & CONSTRUCTION

MJ PROJ. No.: 915.10 DATE: FEBRUARY 2016 DISTRIBUTION SYSTEM

FIG. 3-1 HARRIMAN SOC UTILITY STUDY NEW YORK

1533 Crescent Road - Clifton Park, NY 12065

ALBANY

NEW YORK

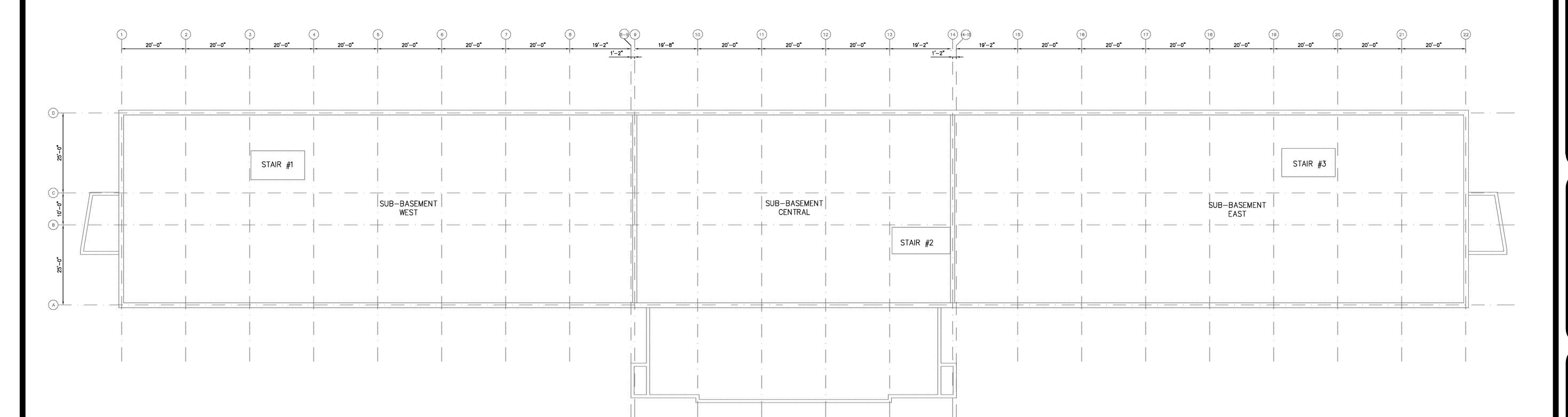
(518)453-6091 FAX(518)453-6092

NEW YORK

ALBANY

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"

NEW YORK STATE OF OPPORTUNITY. Office of General Services

DESIGN & CONSTRUCTION

CONSULTANT

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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.



CONSTRUCTION

DEMOLISH BUILDING NO. 2

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

OFFICE OF GENERAL SERVICES

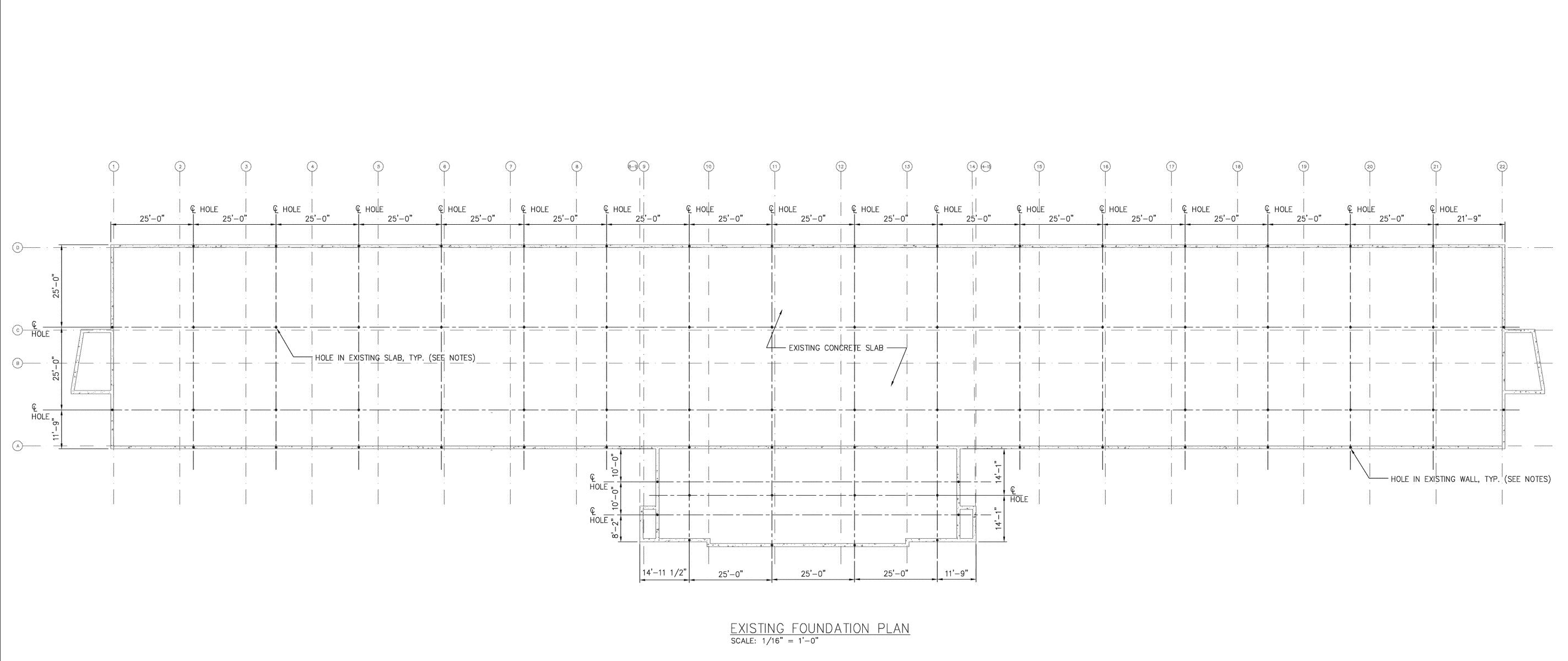
DECEMBER 23, 2015 BID DOCUMENTS DESCRIPTION 45126-C NUMBER:

APPROVED BY:

DRAWN BY:

EXISTING SUB-BASEMENT PARTITION PLAN

CD-100



NOTES:

- 1. TOP OF ENTIRE EXISTING FOUNDATION WALLS TO BE REMOVED SO THEY ARE 2'-0" BELOW THE LOWEST POINT OF FINISHED
- 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.

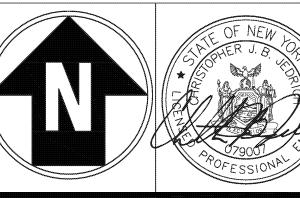


CONSULTANT

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CONSTRUCTION

DEMOLISH BUILDING NO. 2

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

OFFICE OF GENERAL SERVICES

DECEMBER 23, 2015 BID DOCUMENTS DATE DESCRIPTION PROJECT 45126-C NUMBER:

DESIGNED BY: RC DRAWN BY: MCF FIELD CHECK BY: CJBJ APPROVED BY:

EXISTING FOUNDATION PLAN

DRAWING NUMBER:

S-101



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



June 12, 2014

NYS/NJS Certified WBE & SBA EDWOSB & DBE

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 friable¹ 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 onsite 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

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.

Page 3

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

Case No. 2

ICR 56-4.8(a) Denied

ICR 56-7.1(c)(4)

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

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

- A copy of this DECISION and the Petitioner's proposals shall be conspicuously displayed at the entrance to the personal decontamination enclosure.
- This DECISION shall apply only to the removal of asbestos-containing materials from the aforementioned areas of the subject premises.
- 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

Ву

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



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 M	Iaterial Sum		
Room/Space	Waterial		Quantity Innear feet	e a ca
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	以2000年代共和共2000年代 1000年代第二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十二十			
Select Pipe Chases throughout floor	Pipe Insulation Debris	.65	Э	
Room 252	Debris - contaminated area	225	V	
Room 263	Debris - contaminated area	225		
Above Ceiling - Passage to 255	Debris - contaminated area	5		
Duct Space - adj. 259	Pipe/Fitting Insulation	24.	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	



alloing 1A				
sement Level	(4) 2015年 (4) 10 10 10 10 10 10 10 10 10 10 10 10 10			
Throughout	Contaminated Area/Cleanup	25,200		
Throughout	Return Air Branch Ductwork	1-	195	
Room 35A - above ceiling level	Mudded Fitting Insulation		4	
rst Floor				
Throughout	Contaminated Area/Cleanup	25,200		
Throughout	Return Air Branch Ductwork		195	
econd Floor				
Throughout	Contaminated Area/Cleanup	25,200		
Throughout	Return Air Branch Ductwork		195	
nird Fløer			n es	
Throughout	Contaminated Area/Cleanup	25,200		
Throughout	Return Air Branch Ductwork	0.5	195	
enthouse	制度。1968年1968年1968年1968			
Mechanical Areas	Mudded Fitting/Valve Insulation		50	
terior - Building 1 & 1A				
Building 1/1A	Elevator Shaft and Cab Doors			60 door
oof/Exterior - Building 1 & 1				
Building 1/1A	Window and Door Glazing and Caulk			1,450 wind
Building 1/1A - at building connection	Expansion Joint Material	320		
Building 1 - East of East Penthouse	Roof Vent	9		



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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) — 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 — Decision

9/10/13

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.

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).

• 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

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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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October 11, 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 #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.

New York State Department of Labor

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10/11/13

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.

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

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October 10, 2013

OCT 1 5 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

New York State Dept. of Labor Engineering Services Unit

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



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New York State Dept. of Labor Engineering Sulding 1/1A

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

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Building 1/1A

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

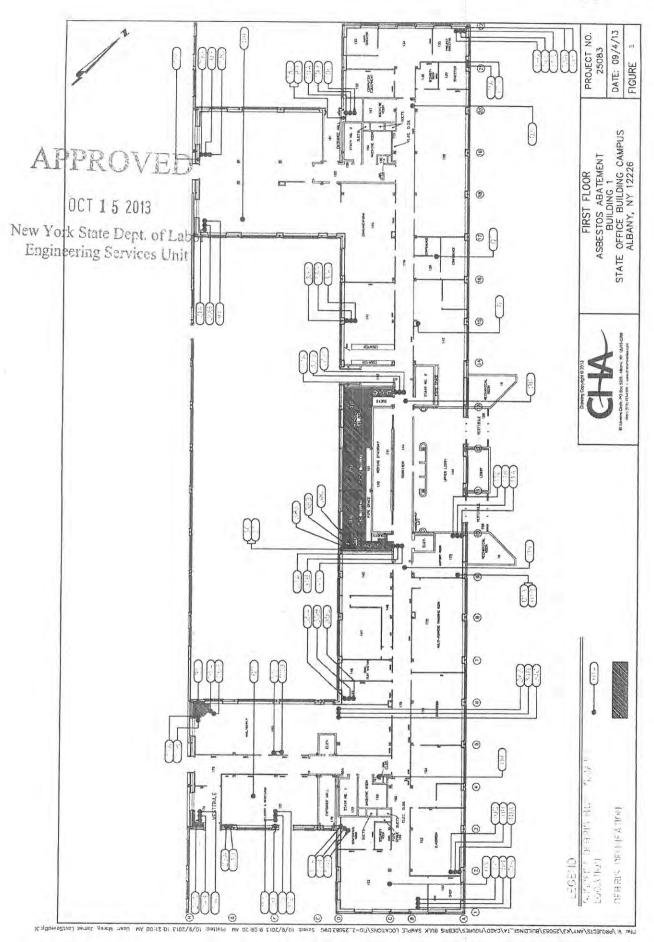
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New York State Dept. of Labor Engineering Services Unit CHA

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TABLE 1 BUILDING 1 FIRST FLOOR

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FIRST FLOOR ASBESTOS BULK DEBRIS SAMPLE SUMMARY

ing Services Sample Number	Suspect Material Description	Sample Location	Asbestos Con (%)
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		NAD
AS100413-JM-10B	Plaster Debris 1' Out From Chase Wall	Column A-2	NAD
AS100413-JM-10C	Plaster Debris 2' Out From Chase Wall	1	NA/NS
AS100413-JM-11A	Plaster Debris @ Chase Wall		NAD
AS100413-JM-118	Plaster Debris 1' Out From Chase Wall	Column A-10	NAD
AS100413-JM-11C	Plaster Debris 2' Out From Chase Wall	Goldmin A-10	NAINS
AS100413-JM-12A	The state of the s		_
AS100413-JM-12B	Mastic Puck Debris in Chase	Column A-21	NAD
	Paper Debris In Chase		NAD
AS100413-JM-13A	Green Floor Tile in Chase		8.40%
AS100413-JM-13B	Paper Pipe Insulation in Chase		NAD
AS100413-JM-14A	Plaster Debris @ Chase Wall	Column A-22	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		NAD
AS100413-JM-15B	Plaster Debris 1' Out From Chase Wall	Column B-1	NAMS
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		NAD
AS100413-JM-17B	Plaster Debris 1' Out From Chase Wall	Column D-3	NA/NS
AS100413-JM-17C	Paper Debris 2' Out From Chase Wall		NAMS
AS100413-JM-18A	Black Paper Debris In Chase		NAD
AS100413-JM-18B	Pipe Insulation Debris in Chase	1	NAD
AS100413-JM-19A	Plaster Debris @ Chase Wall	Column D-20	NAD
AS100413-JM-19B	Plaster Debris 1' Out From Chase Wall	4.12.13.13	NA/NS
AS100413-JM-19C	Plaster Debris 2' Out From Chase Wall		NAMS
AS100413-JM-20	Pipe Insulation Debris in Chase		80%
AS100413-JM-21A	Plaster Debris 2' Out From Chase Wall	5.7-5.1	NAD
AS100413-JM-21B	Plaster Debris 3' Out From Chase Wall	Column F-3	NA/NS
AS100413-JM-21C	Plaster Debris 4' Out From Chase Wall		/ NA/NS
AS100413-JM-22A	Plaster Debris in Chase	The second second	NAD
AS100413-JM-22B	Plaster Debris in Chase	Column F-5	Trace (<.25%)
AS100413-JM-23A	Paper Debris in Chase		NAD
AS100413-JM-23B	Plaster Debris in Chase	Column G-3	NAD
AS100413-JM-24A	Plaster Debris 1' Out From Chase Wall		
AS100413-JM-24B	Plaster Debris 2' Out From Chase Wall	Column H-3	NAD
AS100413-JM-24B		Column H-3	NAMS
A5100413-JM-24C	Plaster Debris 3' Out From Chase Wall		NA/NS
	Debris in Chase Plaster Debris 7 Out From Chase Wall - Right		80%
AS100413-JM-28A		Column III o	NAD
AS100413-JM-26B	Plaster Debris 8' Out From Chase Wall - Right	Column H-6	NA/NS
AS100413-JM-27A	Plaster Debris 7' Out From Chase Wall - Left		8%
AS100413-JM-27B	Plaster Debris 8' Out From Chase Wall - Left		NAD
AS100413-JM-28	Paper Debris in Chase		40%
AS100413-JM-29A	Plaster Debris @ Chase Wall	Column H-19	NAD
AS100413-JM-29B	Plaster Debris 1' Out From Chase Wall	100000000000000000000000000000000000000	NA/NS
AS100413-JM-29C	Plaster Debris 2' Out From Chase Wall		NAMS
AS100413-JM-30A	Plaster Debris 1' Out From Chase Wall	AN V (2002)	NAD
AS100413-JM-30B	Plaster Debris 2' Out From Chase Wall	Column H-17	NAMS
NS100413-JM-30C	Plaster Debris 3' Out From Chase Wall		NA/NS
AS100413-JM-31A	Plaster Debris 1' Out From Chase Wall	Property of the second	NAD
S100413-JM-31B	Plaster Debris 2' Out From Chase Wall	Corridor Outside Room 160	NAMS

TABLE 1 BUILDING 1 FIRST FLOOR ASBESTOS BULK DEBRIS SAMPLE SUMMARY

Sample Number	Suspect Material Description	Sample Location	Asbestos Conten (%)
AS100413-JM-32A	Plaster Debris 1' Out From Chase Wall		NAD
AS100413-JM-328	Plaster Debris 2' Out From Chase Wall	Corridor Outside Room 163	NA/NS
AS100413-JM-32C	Plaster Debris 3' Out From Chase Wall		NA/NS
AS100413-JM-33A	Plaster Debris 1' North of Chase		NAD
AS100413-JM-33B	Plaster Debris 2' North of Chase	Column D-15	NA/NS
AS100413-JM-33C	Plaster Debris 3' North of Chase		NA/NS
AS100413-JM-34A	Plaster Debris 1' East of Chase		NAD
AS100413-JM-34B	Plaster Debris 2' East of Chase		NA/NS
AS100413-JM-34C	Plaster Debris 3' East of Chase		NANS
AS100413-JM-35A	Plaster Debris 1' North of Chase	Column D-6	NAD
AS100413-JM-35B	Plaster Debris 2' North of Chase	7	NAVNS
AS100413-JM-35C	Plaster Debris 3' North of Chase	1	NA/NS
AS100413-JM-36	Pipe Insulation Debris in Chase		14.3%
AS100413-JM-37	Debris in Chase		NAD
AS100413-JM-38A	Plaster Debris 1' North of Chase	Column D-10	NAD
AS100413-JM-38B	Plaster Debris 2' North of Chase		NA/NS
AS100413-JM-38C	Plaster Debris 3' North of Chase		NAMS
AD - No Asbestos Detected		1	1
AD " - Vermiculite Identified	Within Debris Sample		

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CHARGE TO THE STATE OF THE STAT	0	0	υ	IN CONTAINMENT	O	IN CONTAINMENT	ပ	IN CONTAINMENT	0	0	v	. 0	0	IN CONTAINMENT	0	IN CONTAINMENT	0	IN CONTAINMENT	0	IN CONTAINMENT	0	0	0	IN CONTAINENT	3 6	3	0	0	0	0	0	0	0		INCONTAINMENT	0	IN CONTAINMENT	0	0	0	
Chase	A-1	A-2 ·	A-3	Ā	A.5	A-6	A-7	A-8	A-9	A-10	A-11	A-12	A-13	A-14	A-15	A-16	A-17	A-18	A-19	A-20	A-21	A-22	2	0	D-12	***	8-15	B-18	B-22	2	3	ရှိ ပ	25	3 3	5	C-22	2	D-2	23	2	ulting, Inc.

Building 1 First Floor PIPE CHASE INVENTORY

TABLE 2

APPROVED 13- 1035

OCT 1 5 2013

New York State Dept. of Labor Oct 1 5 2013

New York State Dept. of Labor Oct 1 5 2013

Services Unit of 1 5 2013

Building 1 First Floor PIPE CHASE INVENTORY

TABLE 2

20 00	Cheson	Insulation Present		Debris Promit in Chara	Observed in Opens	Sampled	Chana	Che
D-8	0			×				ON
D-8	0		×		×			
	IN CONTAINMENT			×				
8	0		×		×			
D-10	0	×		×		×		YES.
D-11	0	X		×		×		YES.
D-12	0	×		×		×		YES.
D-13	၁	×						
D-14	0		×		×			
0-15	0			×			×	NO
D-16	0		×		×			
D-17	IN CONTAINMENT			×				
D-19	0			×		×	×	ON
D-20	O,			×		×	×	NO
D-21	0			1-	×			
. D-22	0				×			
ES	3							
E-8	0							
E-12	0		×		×			
F.3	0	X (basement level)		×		×	×	ON
F-5	0		X		×	×		
Ī	IN CONTAINMENT			×				
	IN CONTAINMENT			×				
F-20	IN CONTAINMENT			×				
6-3	0			×		×		NO NO
9-9	၁							
6-17	0		×		×			
G-20	0	,	×		×			
#3	0	X (basement level)		×			×	NO
H-4	0							
H-5	၁	×						
H-6	0	X (besement level)		×		×	×	NO
H-17	0			×			×	NO
H-18	0		×		×			
H-19	0			×		×	×	NO
H-20	0				×			

Table 3

BUILDING 1 FIRST FLOOR SUMMARY OF ACMS AND ESTIMATED QUANTITIES

	Material	thill h	Quantity	
Room/Space	Waterial	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	

APPROVED

OCT 1 5 2013

APPROVED

of Page

TURNAROUND TIME Other □ 24 hour KRush Kush

**RENTORING DATA CHAIN OF CUSTODY FORM Ambient Environmental, Inc. Comprehensive Building Science Solutions 12 Colvin Ave. Albany, NY 12206 PH: 518-482-0704 | FX: 518-482-0750 NYS/NIS Certified WBE & SBA EDWOSB

indice be	5. Date 6. Abi			S. Project Name: Build	ilding 1					Brian	Coulorba	har	Number	Number AECLEON
1	10-7-13 ASS	SS MD		Project Address:		an	10,	a. Air Sample			Corlan	المدا	4c: Rotam	eter calibration:
1 1 1 1 1 1 1 1 1 1	DAIL V AID CAMD	sesson.		Assetter Manufact	cron MCE)	3. ☐ TEM (0.4 Sassette/Filter Wanufacturer .ot#	5 micron MCE	ப் ம்.ம்	90 00	Phase IIC - ning Phase IIC - rance	f. COSHA g.o Enviro h.o Amble	nt Sess	1 3	ation Date
11	CALL AIR GAINT	E RECORD		1 1	to /		hour clock							1
17 18 19 19 19 19 19 19 19		_	ample Loca	tion		13. Time (24	4 hour clack)		14. Flow Ra	te (liters/ minu	lte)	15. Total	16. # fibers	
12 8780 Freid Blunk Fr			-		nates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	_
12 8/18/0 Stable Blook Stable		60		Field Blank									_	6
3 8111		0/8		Field Blank		į,			2					7
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20 8(8/8		107		1	(2)	65H1		4		6.1			8	_
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NOF CUSTODY 18. Date 19. Time 20. Received By: 21. Date 22. Time 23. Lab Name 14. MM M M M M M M M M M M M M M M M M M							4.)			Vew Ea
LAB INFORMATION Lab Inform										X =				
LAB INFORMATION 18. Date 19. Time 20. Received By:														
18. Date 19. Time 20. Received By: 21. Date 22. Time 23. Lab Name 19. Time 24. Date 25. Lab Name 10. Lab Date 25. Lab Name 10. Lab Date 25. Lab Name 10. Lab Date 25. Lab Name 25. Lab N	CHAIN OF CUSTO	λQ					~		LAB INFO	DRIMATION	7			
27. Results To: Bry Cl. 28. Drawing for this shift. 28. Comments:	17. Relinquished By:	1	18. Dat	19. Time		7	22	Time	23. Lab Nan	ne M	Mount	10001	24.	22
27. Results To: Bryan Clt. 27. Results To: Bryan State 28. Drawing for this shift. 28. Comments:	The same of the sa)	7-01		MARINA	1	12/10/	IM	a. Analyz	ed By:	My K	N. P.	7	0/2 2/16
27. Results To: Bry Clt. of 28. Drawing For this shift. 28: Comments:	iii								c. Lab Ba	ch#./8	0168	Std:	Std:	38
The state of the s	26. Project Manager:			27. Results To:	1	1	rawing: See	drawing for t	his shift.	2	9: Comment		- 3	bor

NYS/NJS Certified WBE

Ambient Environmental, Inc.

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

**Results are Interim Pending Quality Control heurs

AIR MONITORING DATA
AND
CHAIN OF CUSTODY FORM

TURNAROUND TIME

Rush

24 hour Other 166

1309 0 5 Ap 3th Project Address: NY 5 0 6 5 Camp VS 5 2th Art Simplet: 2th Simplet: 2th Art Simple	2	1. Client NYSOFS	S		yect Name:	3. Project Name: Building		4	4. Project Monitor		100	Salar		4b. Rotameter	AFIC Set
A challement conton: Carebran Wilding B. 1798 M. a. Christop B. 1798 M. a. Christop Carebrand Carebran Wilding B. 1798 M. a. Christop Carebran Wilding B. a. Christop Carebran Wilding B. 1798 M. a. Christop Carebran Wilding	. Project Nun	1309c	5AP		oject Address	S	Suda	4	a, Air Sample			lombe		4c: Rotamet	er calibration:
VARS SARPLE RECORD SHIFT HOURS	5. Date [0-2-13	6. Abatemen	it Location	ä	Cas Man Man Lot	sette/Filter EMS wfacturer EMS	8. TEM (0.4 Cassette/Filter Manufacturer Lot#	5 micron MCE	ன் வ வ ப		m .		nmental ASS_SS Me	-	ion Date
11 Lb 12 Sample Location 13 Tang China clock) 14 Fiber Rate (literal intents) 15 Total (six those) 15	AILY AIR	SAMPLE RE	CORD	SHIF	T HOURS	-	0	hour clock	_						
String S	10. Sample	11. Lab	12. San	ple Locati	on		13, Time (24	1 hour clack)		14. Flow Ra	te (liters/ min	ute)	15. Total	16. #fibers/	17. Fiber
1 1 1 1 1 1 1 1 1 1	I.U. Number	Number	12a. IWA	12b. OWA	12c. Sample (Soordinates	13a. Start	3b. End	13c. Total	14a. Start	14b. End	14c. Average	Volume	fields minus bfanks	concentration (f/cc)
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7 81807 - 0145; 2. 1432, 1432, 100 100	000	Blech			a.	160 Area	1233	80 to			01			1/101 19,1	0.000
6 8/10/2 - 01/5/2 Starpt 33 19-5 1433 10 10 10 10 10 10 10 10 10 10 10 10 10	200	81805			Basement-	Outside Stair #1	1302)	1432			10			17/00 PX.7	0.111.0
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18. Date 19. Time 20. Received By: 21. Date 22. Time 23. Lab Name UNIVERSITY 24. Date 3. Time 23. Lab Name UNIVERSITY 24. Date 3. Time 3. Analyzed By: 4. Market 3. Date 3. Time 3. Lab Name 3. Comments: 57. Results To: Eyen Clay 28. Drawing: 28. Drawing: 28. Drawing: 28. Drawing for this shift. 29. Comments:	HAIN OF C	USTODY						+		LAB INFO	RMATIO	7			
27. Results To: Prvan Aldry 28. Drawing: These drawing for this shift. 29: Comments:	7. Relinquish	ed By:		18. Date	19. Time		0	-	Тіте	23. Lab Nan	10	Mollen	CHAN	24. Da	413
27. Results To: Brush Clary 28. Drawing: Need drawing for this shift.		Mr		10-2-1		Mexican	1	0/2 26	3/10	a. Analyz	ad By:	Umman		10	\forall
27. Results To: Dyan Clay 28. Drawing: Dee drawing for this shift. 29: Comments:								6.		c. Lab Ba	ch#:	1	OC#	11	H
The state of the s	Project Man	ager:			27. Result		28. D	awing: 2686	drawing for th	ils shift.		9: Comments			11



OCT 1 5 2013

AmeriSci New York

117 EAST 30TH ST.

NEW YORK, NY 10016

New York State Dept. TEL (2)2):679-8600 · FAX: (212) 679-3114 Engineering Services Unit

PLM Bulk Asbestos Report

Clough Harbour & Associates LLP

Attn: James Morey 111 Winners Circle

Albany, NY 12205

Date Received

ELAP#

10/07/13

AmeriSci Job #

213101797

Date Examined 10/08/13

11480

P.O. # Page

RE: 25083; Bldg. 1 - Debris; State Office Campus (Report

Amended 10/8/2013)

Client No. / HG	A	Lab No.	Asbestos Present	Total % Asbesto:
AS10413-JM-01A	4	213101797-01	No	NAD
01		Remnant 9x9 Floor Tile Mastic - First Flo		(by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Asbestos Ty		Homogeneous, Non-Fibrous, Bulk Materia vrous 39.5 %	al	
AS10413-JM-01E	3	213101797-02	No	NAD
01	Location:	Remnant 9x9 Floor Tile Mastic - First Flo	or	(by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Asbestos Ty		Homogeneous, Non-Fibrous, Bulk Materia rous 45.1 %	ai	
AS10413-JM-02		213101797-03	No	NAD ¹
	Location:	Random Floor Debris - Plaster @ Forme remove vermiculite and may underestima a sample containing more than 10% verm	ate the level of asbestos present in	(by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Asbestos Ty	ypes:	Homogeneous, Non-Fibrous, Cementitious	s, Bulk Material	
AS10413-JM-03		213101797-04	No	NAD 1
	Location	Random Floor Debris - Plaster @ Forme	r Room 152 "This method doesn't	(by NYS ELAP 198.6)
		remove vermiculite and may underestima a sample containing more than 10% ver	ate the level of asbestos present in niculite."	by David W. Roderick on 10/08/13
Analyst Descrip Asbestos Ty	otion: Grey, h	remove vermiculite and may underestima a sample containing more than 10% veri domogeneous, Non-Fibrous, Cementition	ate the level of asbestos present in niculite."	
Analyst Descrip Asbestos Ty Other Mate	otion: Grey, h	remove vermiculite and may underestima a sample containing more than 10% veri domogeneous, Non-Fibrous, Cementitious prous 14.3 %, Vermiculite 20 %	ate the level of asbestos present in niculite." s, Bulk Material	
Analyst Descrip Asbestos Ty	otion: Grey, I ypes: erial: Non-fil	remove vermiculite and may underestima a sample containing more than 10% veri domogeneous, Non-Fibrous, Cementition	ate the level of asbestos present in niculite." s, Bulk Material No	on 10/08/13

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report

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

OCT 1 5 2013

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-05 Loca	213101797-06 atlon: Random Floor Debris - Plaster @ Adjacen	No nt To Room173	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: V Asbestos Types: Other Material: N	Vhite, Homogeneous, Non-Fibrous, Bulk Materia Ion-fibrous 100 %		311 13733 13
AS10413-JM-06 Loca	213101797-07 tion: Random Floor Debris - Plaster Across Fro	No om Corridor 144	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Asbestos Types:	MWhite, Homogeneous, Fibrous, Bulk Material ibrous glass 95 %, Non-fibrous 5 %		
AS10413-JM-07	213101797-08 tion: Random Floor Debris - Plaster/ Between	No Columns 16-17	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: B Asbestos Types: Other Material: N	lack, Heterogeneous, Non-Fibrous, Cementitiou on-fibrous 100 %	s, Bulk Material	
AS10413-JM-08	213101797-09	No	NAD 1
Loca	tion: Random Floor Debris - Plaster/ @ Column remove vermiculite and may underestima a sample containing more than 10% verm	e the level of asbestos present in	(by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Asbestos Types:	rey, Homogeneous, Non-Fibrous, Cementitious	, Bulk Material	
AS10413-JM-09 Loca	213101797-10 tion: Random Floor Debris - Plaster/ @ Colum	No 1 G-17	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: B Asbestos Types: Other Material: N	lack, Heterogeneous, Non-Fibrous, Cementitiou on-fibrous 100 %	s, Bulk Material	
AS10413-JM-10A Loca	213101797-11 tion: Plaster Debris @ Chase Wall/ @ Column	No A-2	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: G Asbestos Types: Other Material: N	rey, Homogeneous, Non-Fibrous, Cementitious	, Bulk Material	11724.43

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report

OCT 1 5 2013

25083; Bldg. 1 - Debris; State Office Campus (Report New York State Dept. of Labor Amended 10/8/2013)

Engineering Services Unit

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	213101797-12 Out From Chase Wall (Plaster)/ @		NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Hon Asbestos Types: Other Material: Non-fibrou	nogeneous, Non-Fibrous, Cementi is 100 %	tious, Bulk Material	
AS10413-JM-10C Location: 2'	213101797-13 Out From Chase Wall (Plaster)/ @	Column A-2	NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	rial	*	<u>Y</u>
AS10413-JM-11A Location: Pla	213101797-14 aster Debris @ Chase Wall/ @ Co	No lumn A-10	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Hon Asbestos Types: Other Material: Non-fibro	nogeneous, Non-Fibrous, Bulk Ma us 100 %	terial	
AS10413-JM-11B Location: Pl	213101797-15 aster Debris 1' Out From Chase/ (No ② Column A-10	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Hor Asbestos Types: Other Material: Non-fibro	nogeneous, Non-Fibrous, Cement us 100 %	itious, Bulk Material	
AS10413-JM-11C Location: Pl	213101797-16 aster Debris 2' Out From Chase/ (@ Column A-10	NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	rial		
AS10413-JM-12A Location: M	213101797-17 astic Puck Debris/ Column A-21	No	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Analyst Description: Black, Ho Asbestos Types: Other Material: Non-fibro	mogeneous, Non-Fibrous, Bulk N us 40.9 %	laterial	

Client Name: Clough Harbour & Associates LLP

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

OCT 1 5 2013

New York State Dept. of Labor

		New York	State Dept. of Lass.
Client No. / HGA	Lab No.	New York	Total % Asbestos
	213101797-18 n: Paper Debris/ Column A-21	No	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Analyst Description: Black Asbestos Types: Other Material: Non-	k, Homogeneous, Non-Fibrous, Bulk Mate fibrous 3.1 %	erial	
AS10413-JM-13A	213101797-19	Yes	8.4 %
Location	n: Green Floor Tile in Chase/ Column A-2	22	(by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Analyst Description: Gree Asbestos Types: Chry Other Material: Non-	n, Homogeneous, Non-Fibrous, Bulk Mat sotile 8.4 % fibrous 39.7 %	terial	
AS10413-JM-13B Location	213101797-20 n: Paper Pipe Insulation In Chase/ Colum	No nn A-22	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Asbestos Types:	m, Homogeneous, Fibrous, Bulk Material ulose 99 %, Non-fibrous 1 %		*
AS10413-JM-14A	213101797-21	No	NAD 1
Location	n: Plaster Debris @ Chase Wall/ Column vermiculite and may underestimate the containing more than 10% vermiculite	6 level of Sepastos biasaur in a se	/e (by NYS ELAP 198.6) ample by David W. Roderick on 10/08/13
Asbestos Types:	, Homogeneous, Non-Fibrous, Bulk Mate -fibrous 20.6 %, Vermiculite 20 %	arial	
AS10413-JM-14B	213101797-22		NA
Locatio	n: Plaster Debris 1' From Chase Wall/ C	olumn A-22	
Analyst Description: Bulk Asbestos Types: Other Material:	: Material		
AS10413-JM-14C	213101797-23	All Sections	NA
Locatio	n: Plaster Debris 2' From Chase Wall/ C	column A-22	
Analyst Description: Bulk Asbestos Types: Other Material:	c Material		

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report

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

OCT 1 5 2013

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	213101797-24 laster Debris@ Chase Wall/ Colum		NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	mogeneous, Non-Fibrous, Cementi ous 100 %	tious, Bulk Material	
AS10413-JM-15B Location: P	213101797-25 laster Debris 1' From Chase Wall/ (Column B-1	NA
Analyst Description: Bulk Mat Asbestos Types: Other Material:	erial	-6	*
AS10413-JM-15C	213101797-26 laster Debris 2' From Chase Wall/ 0	Column B-1	NA
Analyst Description: Bulk Material:	erial		
AS10413-JM-16	213101797-27 laster Debris@ Chase Wall/ Colum	No B-15	NAD (by NYS ELAP 198.1) by David W. Roderick
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	mogeneous, Non-Fibrous, Cementi us 100 %	tious, Bulk Material	on 10/08/13
AS10413-JM-17A Location: P	213101797-28 laster Debris 1' Out From Chase/ C	No olumn D-3	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	mogeneous, Non-Fibrous, Cementi us 100 %	tious, Bulk Material	GIT TUTGG 13
AS10413-JM-17B Location: P	213101797-29 laster Debris 2' Out From Chase W	all/ Column D-3	NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	orial		

APPROMED4

AmeriSci Job #: 213101797

Client Name: Clough Harbour & Associates LLP

PLM Bulk Asbestos Report 0CT 1 5 2013

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

Engineering Services Unit

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-17C	213101797-30		NA
Location: Pap	per Debris 3' Out From Chase/ Column	D-3	
Analyst Description: Bulk Materi Asbestos Types: Other Material:	ial	3	
AS10413-JM-18A	213101797-31	No	NAD
Location: Blad	ck Paper Debris In Chase/ D-20(Colum	nn)	(by NYS ELAP 198.6) by David W. Roderick on 10/08/13
Analyst Description: Black, Horr Asbestos Types: Other Material: Non-fibrous	nogeneous, Non-Fibrous, Bulk Material s 1.9 %		
AS10413-JM-18B Location: Pipe	213101797-32 e Insulation Debris In Chase/ D-20 (Co	No lumn)	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Brown, Hor Asbestos Types: Other Material: Cellulose 9	mogeneous, Fibrous, Bulk Material 99 %, Non-fibrous 1 %		
AS10413-JM-19A Location: Pla	213101797-33 ster Debris @ Chase Wall/ Column D-2	No 20	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: White, Hon Asbestos Types: Other Material: Non-fibrous	nogeneous, Non-Fibrous, Bulk Materia s 100 %	l'	
AS10413-JM-19B Location: Pla	213101797-34 ster Debris 1' From Chase/ Column D-	20	NA
Analyst Description: Bulk Mater Asbestos Types: Other Material:	ial		
AS10413-JM-19C Location: Pla	213101797-35 aster Debris 2' From Chase/ Column D-	20	NA
Analyst Description: Bulk Mater Asbestos Types: Other Material:	ial		

Client Name: Clough Harbour & Associates LLP



PLM Bulk Asbestos Report

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

OCT 1 5 2013

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-20 Location: P	213101797-36 ipe Insulation In Chase (Debris)/ Col	Yes umn F-3	80 % (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Brown, H Asbestos Types: Chrysotil Other Material: Non-fibro	iomogeneous, Fibrous, Bulk Material e 80.0 % ous 20 %		
AS10413-JM-21A	213101797-37	No	NAD
Location: P	laster Debris - 2' Out Of/ Column F-3		(by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	mogeneous, Non-Fibrous, Cementitions 100 %	ous, Bulk Material	
AS10413-JM-21B	213101797-38	·	NA
Location: P	laster Debris - 3' Out/ Column F-3		*
Analyst Description: Bulk Mat Asbestos Types: Other Material:	erial		Ÿ
AS10413-JM-21C	213101797-39		NA
Location: P	aper Debris - 4' Out/ Column F-3		
Analyst Description: Bulk Mat Asbestos Types: Other Material:	erial		
AS10413-JM-22A	213101797-40.1	No	NAD
Location: F	Plaster Debris - From Within Chase/ (Column F-5 - Finish Coat	(by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: White, H Asbestos Types: Other Material: Non-fibr	lomogeneous, Non-Fibrous, Bulk Ma ous 100 %	terial	
AS10413-JM-22A Location: F	213101797-40.2 Plaster Debris - From Within Chase/	Yes Column F-5 - Base Coat	Trace (<0.25 % pc) (ELAP 198.1; 400pc) by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Chrysoti Other Material: Non-fibr	omogeneous, Non-Fibrous, Cementit le <0.25 % pc ous 100 %	ious, Bulk Material	111 10101110

Client Name: Clough Harbour & Associates LLP



PLM Bulk Asbestos Report

New York State Dept. of Labor

Amended 10/8/2013)

New York State Dept. of Labor

Amended 10/8/2013) OCT 1 5 2013

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-22B Location:	213101797-41.1 Plaster Debris - From Within Chase/ C	No Column F-5 - Finish Coat	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: White, I Asbestos Types: Other Material: Non-fibr	Homogeneous, Non-Fibrous, Bulk Mat	erial	31 13/33 13
AS10413-JM-22B Location: I	213101797-41.2 Plaster Debris - From Within Chase/ C	No Column F-5 - Base Coat	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, He Asbestos Types: Other Material: Non-fibr	omogeneous, Non-Fibrous, Cementitie ous 100 %	ous, Bulk Material	01110/06/13
AS10413-JM-23A Location: I	213101797-42 Paper Debris In Chase/ Column G-3	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Asbestos Types:	Homogeneous, Fibrous, Bulk Material e 99 %, Non-fibrous 1 %		
AS10413-JM-23B Location: I	213101797-43 Plaster Debris In Chase/ Column G-3	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: White, i Asbestos Types: Other Material: Non-fibr	Homogeneous, Non-Fibrous, Bulk Mat	erial	
AS10413-JM-24A Location:	213101797-44 Plaster Debris - 1' Out From Chase/ C	No olumn H-3	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, He Asbestos Types: Other Material: Non-fibr	omogeneous, Non-Fibrous, Cementiti ous 100 %	ous, Bulk Material	XX 10 100 1
AS10413-JM-24B Location: I	213101797-45 Plaster Debris - 2' Out From Chase/ C	olumn H-3	. NA
Analyst Description: Bulk Ma Asbestos Types: Other Material:	terial		

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-24C Location: F	213101797-46 Plaster Debris 3' Out/ Column H-3		NA
Analyst Description: Bulk Mat Asbestos Types: Other Material:	terial		
AS10413-JM-25 Location: D	213101797-47 Debris In Chase/ Column H-6	Yes	80 % (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Brown, F Asbestos Types: Chrysotil Other Material: Non-fibro			
AS10413-JM-26A Location: F	213101797-48 Plaster Debris - 7' Out (Right)/ Column H	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	omogeneous, Non-Fibrous, Bulk Materia ous 100 %	l .	
AS10413-JM-26B Location: F	213101797-49 Plaster Debris - 8' Out (Right)/ Column H	l-6	NA
Analyst Description: Bulk Ma Asbestos Types: Other Material:	terial .		
AS10413-JM-27A 27 Location: F	213101797-50 Plaster Debris - 7' Out (Left)/ H-6	Yes	6 % (ELAP 198.1; 400pc) by David W. Roderick on 10/08/13
Asbestos Types: Chrysoti	omogeneous, Fibrous, Bulk Material le 6.0 % ous 44 %, Vermiculite 50 %		
AS10413-JM-27B 27 Location: F	213101797-51 Paper Debris - 8' Out (Left)/ H-6	No	NAD (by NYS ELAP 198.1) by John P. Koubiadis on 10/08/13
Asbestos Types:	Grey, Heterogeneous, Fibrous, Bulk Mat e 95 %, Non-fibrous 5 %	erial	

Client Name: Clough Harbour & Associates LLP

PLM Bulk Asbestos Report 5083: Bide 1 Debts 1

25083; Bldg. 1 - Debris; State Office Campus (Repdrib 2013 Amended 10/8/2013) New York State Dept. of Labor Engineering Services Unit

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-28 Location: P	213101797-52 aper Debris In Chase/ Column H-19	Yes	40 % (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Brown, I- Asbestos Types: Chrysotil Other Material: Cellulose		al .	
AS10413-JM-29A Location: P	213101797-53 laster Debris @ Chase Wall/ Colum	No nn H-19	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	mogeneous, Non-Fibrous, Cementi ous 100 %	tious, Bulk Material	- 1451010
AS10413-JM-29B	213101797-54		NA
Analyst Description: Bulk Mat Asbestos Types: Other Material:	erial		
AS10413-JM-29C	213101797-55		NA
	Plaster Debris - 2' Out/ Column H-19		
Analyst Description: Bulk Mat Asbestos Types: Other Material:	erial		
AS10413-JM-30A Location: F	213101797-56 Plaster Debris - 1' Out (West)/ Colum	No nn H-17	NAD (by NYS ELAP 198.1)
			by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	omogeneous, Non-Fibrous, Cementi ous 100 %	itious, Bulk Material	
AS10413-JM-30B	213101797-57		NA
Location: F	Plaster Debris - 2' Out (West)/ Colum	nn H-17	
Analyst Description: Bulk Mar Asbestos Types: Other Material:	terial		

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report

OCT 1 5 2013

25083; Bldg. 1 - Debris; State Office Campus (Reportew York State Dept. of Labor

Engineering Services Unit

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-30C Location: Pl	213101797-58 aster Debris - 3' Out (West)/ Colur	nn H-17	NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	rial		
AS10413-JM-31A Location: Pl	213101797-59 aster Debris - 1' Out/ Corridor Out	No side 160	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: White, Ho Asbestos Types: Other Material: Non-fibro	omogeneous, Non-Fibrous, Bulk M us 100 %	aterial	
AS10413-JM-31B Location: Pl	213101797-60 aster Debris - 1' Out/ Corridor Out	side 160	· NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	rial		
AS10413-JM-31C Location: Pl	213101797-61 aster Debris - 3' Out/ Corridor Out	side 160	NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	rial		
AS10413-JM-32A Location: Pl	213101797-62 aster Debris - 1' Out/ Corridor Out	No side 163	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: White, Ho Asbestos Types: Other Material: Non-fibro	omogeneous, Non-Fibrous, Bulk M us 100 %	aterial	
AS10413-JM-32B Location: Pl	213101797-63 aster Debris - 2' Out/ Corridor Out	side 163	NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	prial	, ac	

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-32C Location: P	213101797-64 laster Debris - 3' Out/ Corridor Outsid	de 163	NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	erial		
AS10413-JM-33A Location: P	213101797-65 laster Debris - 1' North/ Column D-15	No 5	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	mogeneous, Non-Fibrous, Cementiti ous 100 %	ous, Bulk Material	
AS10413-JM-33B	213101797-66		NA
Location: P	laster Debris - 2' North/ Column D-1	5	
Analyst Description: Bulk Mat Asbestos Types: Other Material:			NA NA
AS10413-JM-33C Location: P	213101797-67 laster Debris - 3' North/ Column D-1	5	NA .
Analyst Description: Bulk Mat Asbestos Types: Other Material:	erial		
AS10413-JM-34A Location: P	213101797-68 Plaster Debris - 1' East/ Column D-6	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, Ho Asbestos Types: Other Material: Non-fibro	mogeneous, Non-Fibrous, Cementit ous 100 %	ious, Bulk Material	
AS10413-JM-34B Location: F	213101797-69 Plaster Debris - 2' East/ Column D-6		NA
Analyst Description: Bulk Mat Asbestos Types: Other Material:	erial		

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

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PLM Bulk Asbestos Report

OCT 1 5 2012 5083; Bldg. 1 - Debris; State Office Campus (Report Amended 10/8/2013) New York State Dept. of Labor Engineering Services Unit

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
AS10413-JM-34C	213101797-70 Plaster Debris - 3' East/ Column D-6		ŅA
Analyst Description: Bulk Ma Asbestos Types: Other Material:	aterial		
AS10413-JM-35A	213101797-71	No	NAD
	Plaster Debris - 1' North/ Column D-6		(by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, H Asbestos Types: Other Material: Non-fibi	omogeneous, Non-Fibrous, Cementition rous 100 %	us, Bulk Material	***************************************
AS10413-JM-35B	213101797-72	- B	NA
Location:	Plaster Debris - 2' North/ Column D-6		(4)
Analyst Description: Bulk Ma Asbestos Types: Other Material:	aterial		
AS10413-JM-35C	213101797-73		NA
Location:	Plaster Debris - 3' North/ Column D-6		
Analyst Description: Bulk Ma Asbestos Types: Other Material:	aterial		
AS10413-JM-36	213101797-74	Yes	14.3 %
	Pipe Insulation Debris W/in Chase/ Col	umn D-10	(by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Asbestos Types: Chrysot	Homogeneous, Fibrous, Bulk Material ile 14.3 % se 80 %, Non-fibrous 5.7 %		
AS10413-JM-37	213101797-75	No	NAD
Location:	Debris On Floor W/In Chase/ Column D	0-10	(by NYS ELAP 198.1) by David W. Roderick on 10/08/13
Analyst Description: Grey, H Asbestos Types: Other Material: Cellulos	omogeneous, Fibrous, Bulk Material		

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AmeriSci Job #: 213101797

Client Name: Clough Harbour & Associates LLP

PLM Bulk Asbestos Report

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25083; Bldg. 1 - Debris; State Office Campus (Repolew York State Dept. of Labor Amended 10/8/2013) Engineering Services Unit

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

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 arkityzed/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 # 102843, RI Cert#AAL-094, CT Cert#PH-0186, Mass Cert#AA000054.

Reviewed By: _____END OF REPORT____

Client Name: Clough Harbour & Associates LLP

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

Location: Remna 02 Location: Remna 03 Location: Randor 04 Location: Randor asbest 05	AS10413-JM-01A 01 Remnant 9x9 Floor Tile Mastic - First Floor	Area	(gram)	Organic %	Inorganic %	Inorganic %	PLM/DS	TEM
cation:	it 9x9 Floor Tile Mastic	10	0.157	45.2	15.3	39.5	NAD	NAD
cation:		- First Floor						
cation:	AS10413-JM-01B	Б	0.183	44.0	10.9	45.1	NAD	NAD
cation:	Remnant 9x9 Floor Tile Mastic - First Floor	: - First Floor						
cation:	AS10413-JM-02		0.109	18.3	31.2	50.5	NAD	NA
cation:	Location: Random Floor Debris - Plaster @ Former Rm 151 "This asbestos present in a sample containing more than 10%	containing more	151 "This me than 10% ver	method doesn't remo vermiculite."	ve verniculite and ma	method doesn't remove vermiculite and may underestimate the level of vermiculite."		
cation:	AS10413-JM-03		0.102	64.7	1.0	34.3	NAD	NA
cation:	Random Floor Debrts - Plaster @ Former Room 152 Th asbestos present in a sample containing more than 10%	containing more	om 152 "This r	is method doesn't rer vermiculite."	nove vermiculite and r	Random Floor Debrits - Plaster @ Former Room 152 "This method doesn" remove vermiculite and may underestimate the level of asbestos present in a sample containing more than 10% vermiculite."		
	AS10413-JM-04		1	1	1	į	NAD	NA
	Random Floor Debris - Plaster @ Former Janitors Closet 167	r @ Former Jan	itors Closet 14	37				
	AS10413-JM-05		1	1	1	1	NAD	A.
Location: Randol	Random Floor Debris - Plaster @ Adjacent To Room173	r @ Adjacent Te	5 Room173					
20	AS10413-JM-06		1	1	1	į	NAD	NA N
Location: Randol	Random Floor Debris - Plaster Across From Comidor 14	r Across From C	Corridor 144					
80	AS10413-JM-07		1	1	1	1	NAD	\$
Location: Rando	Random Floor Debris - Plaster/ Between Columns 16-17	r/ Between Colu	mns 16-17					
60	AS10413-JM-08		0.274	17.2	46.4	36.5	NAD	2
Location: Rando	Random Floor Debris - Plaster/ @ Column B-20 "This method doesn't asbestos present in a sample containing more than 10% vermiculite."	r/ @ Column B- containing more	-20 "This meth e than 10% ve	nod doesn't remov rmiculite."	s vermiculite and may	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		ì	1	1	1	SAS S	≱ N
Location: Rando	Random Floor Debris - Plaster/ @ Column G-17	n/ @ Column G	-17				æ	ew
11	AS10413-JM-10A		Ī	ļ	1	1	A D	Y
Location: Plaste	Plaster Debris @ Chase Wall/ @ Column A-2	/ @ Column A-2	2					or
12	AS10413-JM-10B		1	L	1	1	82	P ≥ 00 k S
Location: 1' Out	Location: 1' Out From Chase Wall (Plaster)/ @ Column A-2	ster)/ @ Column	1A-2					T Sta
13	AS10413-JM-10C		1	1		Ì	NA S	≨ 1 te
Location: 2' Out	Location: 2' Out From Chase Wall (Plaster)/ @ Column A-2	ster)/ @ Column	1A-2					D
14	AS10413-JN-11A		Ī	1	1	1	NAD	1 201
Location: Plaste	Location: Plaster Debris @ Chase Wall @ Column A-10	/@ Column A-	10					3
15	AS10413-JM-11B		1	1	1	1	MAD	T N FI
Location: Plaste	Location: Plaster Debris 1' Out From Chase/ @ Column A-10	hase/@ Colum	n A-10				nit	D

Client Name: Clough Harbour & Associates LLP

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

150 150	AmeriSci Sample #	Client Sample#	HG	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLNIDS	* *	** Asbestos % by TEM
### ASTORIS-MATOR Chase (@ Column A-10 ### ASTORIS-MATOR Chase (@ Column A-10 ### ASTORIS-MATOR Column A-21 ### ASTORIS-MATOR Column A-22 ### ASTORIS-MATOR Column B-1 ### ASTORIS-MATOR Column B-3 ### ASTORIS-MATOR Column B	16	AS10413-JM-11C		1	1	1	1	NA		¥
Asion: Measte Puck Debted Column A-21	Location	. Plaster Debris 2' Out From Cl	hase/@ Column	1A-10						
### Stocks Sub-Nat Column A-21 ### Stocks Sub-Nat-138 ### Stocks Sub	17	AS10413-JM-12A		0.215	53.0	6.0	40.9	DAN		NAD
ASTORTSJAM-128 0.084 92.2 4.7 3.1 NAD ASTORTSJAM-128 0.084 92.2 4.7 3.1 NAD ASTORTSJAM-128 0.0131 28.7 25.2 38.7 Chrysotlie 8.4 ASTORTSJAM-128 0.0131 28.7 25.2 38.7 Chrysotlie 8.4 ASTORTSJAM-138 0.0131 28.7 25.2 38.7 Chrysotlie 8.4 ASTORTSJAM-14A 40.8 NAD ASTORTSJAM-14A 40.8 NAD ASTORTSJAM-14A 40.8 NAD ASTORTSJAM-14A 40.8 NAD ASTORTSJAM-14B 10 NAD ASTORTSJAM-14B 10 NAD ASTORTSJAM-15B 10 NAD ASTORTSJAM-17A 10 NAD AS	Location	Mastic Puck Debris/ Column	A-21	b						
### STORIS-JM-138 ASTORIS-JM-138 ASTORIS-JM-138 ASTORIS-JM-148 ASTORIS-JM-	8	AS10413-JM-12B		0.084	82.2	4.7	3.1	NAD		NAD
AS10413-JM-13A 0.131 28.7 28.2 38.7 Chrysothe 8.4 aritor: Green Froot Title in Chasel Column A-22	Location	: Paper Debris/ Column A-21								
### Stock 13-JM-138 ### Stock 13-JM-14A ### Stock 13-JM-14B ### Stock	9	AS10413-JM-13A		0.131	26.7	25.2	39.7	Chrysottle 8.4		N
AS10413-JM-138 AS10413-JM-138 AS10413-JM-14A AS10413-JM-14A AS10413-JM-14A AS10413-JM-14A AS10413-JM-14B AS10413-JM-14B AS10413-JM-14B AS10413-JM-14B AS10413-JM-14B AS10413-JM-15B AS10413-JM-15B AS10413-JM-15B AS10413-JM-15B AS10413-JM-15B AS10413-JM-15B AS10413-JM-15B AS10413-JM-17B AS10413-JM-17B	Location	: Green Floor Tile In Chase/ Co	ofumn A-22				*			
action: Peper Pipe Insulation in Chasel Column A-22 The A113 M-148 As 10413-JM-148 As 10413-JM-17A As 10	20	AS10413-JM-13B		1	1	1	1	NAD		×
Asiout: Asio	Location	: Paper Pipe Insulation In Chas	se/ Column A-22				•			
cation: 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. AS 10413-JM-148 AS 10413-JM-148 AS 10413-JM-15C AS 10413-JM-15C AS 10413-JM-15C AS 10413-JM-15C AS 10413-JM-17B AS 10413-JM-18B AS	21	AS10413-JM-14A			17.4	41.9	40.6	NAD		¥
AS10413-JM-148 AS10413-JM-148 AS10413-JM-148 AS10413-JM-146 AS10413-JM-16A Cation: Pleaster Debris of From Chase Wall/ Column A-22 AS10413-JM-16A Cation: Pleaster Debris @ Chase Wall/ Column B-1 AS10413-JM-15C AS10413-JM-15C AS10413-JM-15C AS10413-JM-15C AS10413-JM-15C AS10413-JM-15C AS10413-JM-17C AS10413-JM-14A AS1041	Location	: Plaster Debris @ Chase Wall present in a sample containin	V Column A-22 "	This method % vermiculite.	doesn't remove ve	miculite and may und	erestimate the level of asbestor			
Astorication: Plaster Debris 1' From Chase Wall/ Column A-22	22	AS10413-JM-14B		1	1	1	ı			NA
AS10413-JM-14C cation: Plaster Debris 2' From Chase Wall' Column A-22 AS10413-JM-15A Cation: Plaster Debris 2' From Chase Wall' Column B-1 AS10413-JM-15A Cation: Plaster Debris 2' From Chase Wall' Column B-1 AS10413-JM-15C Cation: Plaster Debris 2' From Chase Wall' Column B-1 AS10413-JM-16C Cation: Plaster Debris 2' From Chase Wall' Column B-1 AS10413-JM-17C Cation: Plaster Debris 2' From Chase Wall' Column B-1 AS10413-JM-17C Cation: Plaster Debris 2' From Chase Wall' Column D-3 AS10413-JM-17C Cation: Plaster Debris 3' Column D-3 AS10413-JM-17C Cation: Plaster Debris 3' Column D-3 AS10413-JM-17C AS10413-JM-17C Cation: Plaster Debris 3' Column D-3 AS10413-JM-17C AS10413-JM-17C AS10413-JM-18A AS10413-JM-	Location	: Plaster Debris 1' From Chase	Wall/ Column /	4-22						
Astod 13-JM-15A Astod 13-JM-15A NAD Astod 13-JM-15A Astod 13-JM-15A Astod 13-JM-15B Astod 13-JM-15B Astod 13-JM-15B NA Astod 13-JM-15B NA NA Cation: Plaster Debris 2 From Chase Wall/ Column B-1 Astod 13-JM-15B NA Astod 13-JM-15C Astod 13-JM-15C NA Cation: Plaster Debris 2 From Chase Wall/ Column B-1 Astod 13-JM-15C NA Astod 13-JM-17A Astod 13-JM-17A NA Astod 13-JM-17B NA NA Astod 13-JM-17B NA NA Astod 13-JM-17C NA NA Astod 13-JM-17B NA NA Astod 13-JM-17B NA NA Astod 13-JM-17B NA NA Astod 13-JM-18A 0.289 94.4 3.7 Astod 13-JM-18A 0.289 94.4 3.7 1.9	23	AS10413-JM-14C		1	1	1	1	NA.		NA.
AS10413-JM-15A AS10413-JM-15A AS10413-JM-15B AS10413-JM-15B AS10413-JM-15B AS10413-JM-15B AS10413-JM-15C Cabon: Plaster Debris@ Chase Wall/ Column B-1 AS10413-JM-17C Cabon: Plaster Debris 2 From Chase Wall/ Column B-15 AS10413-JM-17B AS10413-JM-17C Cabon: Plaster Debris 2 Out From Chase Vall/ Column D-3 AS10413-JM-17C Cadon: Plaster Debris 2 Out From Chase (Column D-3 AS10413-JM-17C AS10413-JM-17C Cadon: Plaster Debris 3 Out From Chase (Column D-3 AS10413-JM-17C AS10413-JM-17C Cadon: Plaster Debris 3 Out From Chase (Column D-3 AS10413-JM-17C Cadon: Plaster Debris 3 Out From Chase (Column D-3 AS10413-JM-18C AS10413-JM-18C Cadon: Plaster Debris 1 Chase (D-20(Column))	Location	: Plaster Debris 2' From Chase	e Wall/ Column /	4-22						
AS10413-JM-15B	24	AS10413-JM-15A	•	1	1	1	1	NAD		NA N
AS10413-JM-15B AS10413-JM-15B AS10413-JM-15B AS10413-JM-15C Cation: Plaster Debris of Trom Chase Wall/ Column B-1 AS10413-JM-15C Cation: Plaster Debris of Trom Chase Wall/ Column D-3 AS10413-JM-17A AS10413-JM-17A AS10413-JM-17A AS10413-JM-17B AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-18A AS1	Location	: Plaster Debris@ Chase Wall.	/ Column B-1							
AS10413-JIM-15C cation: Plaster Debris 1' From Chase Well/ Column B-1 AS10413-JIM-15C cation: Plaster Debris 2' From Chase Well/ Column B-1 AS10413-JIM-15C AS10413-JIM-16 AS10413-JIM-16 AS10413-JIM-17A AS10413-JIM-17A AS10413-JIM-17A AS10413-JIM-17B AS10413-JIM-17C AS10413-JIM-17C AS10413-JIM-17C AS10413-JIM-17C AS10413-JIM-17C AS10413-JIM-18A O.289 94.4 3.7 1.9 NAD AS10413-JIM-18A O.289 94.4 3.7 1.9	25	AS10413-JM-15B		1	1	1	Î	NA	q	ž
AS10413-JM-15C action: Plaster Debris 2' From Chase Wall/ Column B-1 AS10413-JM-16 AS10413-JM-16 AS10413-JM-17A AS10413-JM-17A AS10413-JM-17A AS10413-JM-17B AS10413-JM-17B AS10413-JM-17C Cation: Plaster Debris 2' Out From Chase Vall/ Column D-3 AS10413-JM-17C Cation: Plaster Debris 2' Out From Chase Vall/ Column D-3 AS10413-JM-17C Cation: Plaster Debris 2' Out From Chase Vall/ Column D-3 AS10413-JM-18A AS10413-JM-18A O.269 94.4 3.7 1.9 NAD NAD NAD NAD NAD NAD NAD NA	Location	: Plaster Debris 1' From Chase	e Wall/ Column B						Ne	
AS10413-JM-16 AS10413-JM-16 AS10413-JM-16 AS10413-JM-17A Cation: Plaster Debrie@ Chase Wall/ Colum B-15 AS10413-JM-17A Cation: Plaster Debrie@ Chase Wall/ Column D-3 AS10413-JM-17A AS10413-JM-17A AS10413-JM-17A AS10413-JM-17A AS10413-JM-17C Cation: Plaster Debries 2 Out From Chase / Column D-3 AS10413-JM-17C AS10413-JM-17C AS10413-JM-18A AS10413-JM-	56	AS10413-JM-15C			1	1	1		w	2
AS10413-JM-16 AS10413-JM-16 AS10413-JM-17A AS10413-JM-17A AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-18A AS10413-JM-17C	Location	: Plaster Debris 2' From Chase	e Wall Column					ıgı	Y	
Cation: Plaster Debris 2' Out From Chase Wall Colum B-15 AS10413-JM-17A AS10413-JM-17A AS10413-JM-17A AS10413-JM-17C Cation: Plaster Debris 2' Out From Chase Wall Column D-3 AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-18A O.269 94,4 3,7 1.9 NAD NAD 1.9 NAD	27	AS10413-JM-16		Ţ	1	1	I		orl	Z
AS10413-JM-17A AS10413-JM-17A AS10413-JM-17A AS10413-JM-17A AS10413-JM-17B AS10413-JM-17B AS10413-JM-17B AS10413-JM-17C Cation: Plaster Debris 2' Out From Chase Wall/ Column D-3 AS10413-JM-17C AS10413-JM-17C AS10413-JM-17C AS10413-JM-17A AS10413-JM-17C AS10413-JM-17A AS10413-JM-17B AS1	Location	; Plaster Debris@ Chase Wall	V Colum B-15					eri	cs	P
Cation: Plaster Debris 2' Out From Chase Vally Column D-3 AS10413_JM-17B AS10413_JM-17B AS10413_JM-17B AS10413_JM-17C Cation: Plaster Debris 2' Out From Chase Wally Column D-3 AS10413_JM-17C Cation: Paper Debris 3' Out From Chase Column D-3 AS10413_JM-18A AS10413_JM-17B AS104	28	AS10413-JM-17A		J	i	1	Ì		tai	
AS10413.JM-17B	Location	1: Plaster Debris 1' Out From C	Column D	23				2	te :	
Cation: Plaster Debris 2' Out From Chase Wall/ Column D-3 AS10413-JM-17C AS10413-JM-17C AS10413-JM-18A AS10413-JM-18A O.269 94.4 3.7 1.9 NAD Tigg A ACAtion: Black Paper Debris In Chase/ D-20(Column)	29	AS10413-JM-17B		J	1	1	Ţ		De	1
AS10413-JM-17C — — — NA SS Column D-3 — — — — — — — — — — — — — — — — — — —	Location	: Plaster Debris 2' Out From C	Shase Wall/ Colu	mn D-3				ic.	pt.	V
Cation: Paper Debrits 3' Out From Chase/ Column D-3 AS10413-JM-18A O.269 94.4 3.7 1.9 NAD THE THE Cation: Black Paper Debrits in Chase/ D-20(Column)	30	AS10413-JM-17C		1	1	I	ſ	-	. 0	1
AS10413-JM-18A 0.269 94.4 3.7 1.9 NAD Ti- En Cation; Black Paper Debris In Chase/ D-20(Column)	Location	1: Paper Debris 3' Out From Ch	hase/ Column D	9				Ur	fL	Y MA
	31	AS10413-JM-18A			94.4	3.7	1.9		ab	MAD
	Location	1: Black Paper Debris In Chase	M D-20(Column)						or	

Client Name: Clough Harbour & Associates LLP

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

b Coat	Client Sample# Area			Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	1	** Asbectos % by TEM
titon: Pipe Insulation Debrits In Chase/ D-20 (Column) AS10413-JM-19A (Chee Wall) Column D-20 AS10413-JM-19A (Chee Wall) Column D-20 AS10413-JM-20 AS10413-JM-20 AS10413-JM-20 AS10413-JM-20 AS10413-JM-21B Biton: Plaster Debrits - Y Column F-3 AS10413-JM-21B AS10413-JM-22A AS10413-JM-22B AS10413-JM-2AB AS1	4S10413-JM-18B		1	1	1	1	NAD		NA
AS10413-JM-19A As10413-JM-19A As10413-JM-19A As10413-JM-19A As10413-JM-19C As10413-JM-19C As10413-JM-19C As10413-JM-19C As10413-JM-21A As10413-JM-21A As10413-JM-21A As10413-JM-22A As10413-JM-23A As10413-JM-23B As1041	sulation Debris In Chase/ D-2	20 (Column)							
ASTORIA-JAM-20A ASTORIA-JAM-21AM-21AM-21AM-21AM-21AM-21AM-21AM-21	AS10413~JM-19A		1	ĺ	1	1	NAD		¥
### ### ##############################	Debris @ Chase Wall/ Colur	nn D-20							
Astod13-JM-15C debte 1' From Chasel Column D-20 Astod13-JM-15C debte 1' From Chasel Column D-20 Astod13-JM-20 Astod13-JM-21A Astod13-JM-21A Astod13-JM-21A Astod13-JM-21A Astod13-JM-22A Astod13-JM-22A Astod13-JM-22B atton: Plaster Debtis - From Within Chasel Column F-5 - Finish Coat Astod13-JM-22B Astod13-JM-22B Astod13-JM-22B Astod13-JM-22B Astod13-JM-22B Astod13-JM-22B Astod13-JM-22B Astod13-JM-22B Astod13-JM-23B Astod1	AS10413~JM-19B		1	1	1	1	NA.		¥.
AS10413-JM-19C AS10413-JM-19C AS10413-JM-19C AS10413-JM-21A AS10413-JM-21A AS10413-JM-21B AS10413-JM-21B AS10413-JM-21B AS10413-JM-21B AS10413-JM-21B AS10413-JM-21B AS10413-JM-22B AS10413-JM-23B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B	Debris 1' From Chase/ Colur	mn D-20							
### ASTORITS From Chase/ Column P-20 ### ASTORITS-JM-20 ### ASTORITS-JM-214 #### ASTORITS-JM-214 #### ASTORITS-JM-214 #### ASTORITS-JM-214 ##### ASTORITS-JM-214 ##### ASTORITS-JM-224 ##################################	AS10413~JM-19C		1	1	ļ	I	AN.		AN
AS10413-JM-20 AS10413-JM-20 AS10413-JM-21A ston: Plaster Debris - 2' Out Off Column F-3 AS10413-JM-21A aston: Plaster Debris - 2' Out Off Column F-3 AS10413-JM-22A AS10413-JM-22A AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat AS10413-JM-22B AS10413-JM-23B AS10413-JM-24B	Debris 2' From Chase/ Colu	mn D-20							
## AS10413-JM-21A AS10413-JM-21A AS10413-JM-21A AS10413-JM-21B ### AS10413-JM-21B ### AS10413-JM-22A AS10413-JM-22A ### AS10413-JM-22A AS10413-JM-22A ### AS10413-JM-22A AS10413-JM-22A ### AS10413-JM-22A ### AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B ### AS10413-JM-22B ### AS10413-JM-22B AS10413-JM-22B AS10413-JM-23B ### AS10413-JM-23B AS10413-JM-24A ### AS10413-JM-24B AS1	AS10413-JM-20		1	1	1	İ	Chrysottle 80.0		NA N
AS10413-JM-21A AS10413-JM-21A AS10413-JM-21B AS10413-JM-21B ation: Plaster Debris - 2'Out Column F-3 AS10413-JM-22A AS10413-JM-22A AS10413-JM-22A AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-23B AS10413-JM-23B AS10413-JM-23B AS10413-JM-24B AS10	sulation in Chase (Debris) C	Solumn F-3							
ation: Plaster Debris - 2" Out Of Column F-3 AS10413-JM-218 AS10413-JM-218 AS10413-JM-21C ation: Plaster Debris - 4" Out Column F-3 AS10413-JM-22A ation: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Base Coat AS10413-JM-23B ation: Plaster Debris in Chase/ Column G-3 AS10413-JM-23B AS10413-JM-24A ation: Plaster Debris in Chase/ Column G-3 AS10413-JM-24A ation: Plaster Debris - 1" Out From Chase/ Column H-3 AS10413-JM-24B ation: Plaster Debris - 1" Out From Chase/ Column H-3 AS10413-JM-24B	AS10413-JM-21A		1	f	U	ľ	NAD		¥.
ation: Plaster Debrits - 3' Out/ Column F-3 AS10413-JM-21B AS10413-JM-21C ation: Plaster Debrits - 4' Out/ Column F-5 - Finish Coat AS10413-JM-22A ation: Plaster Debrits - From Within Chase/ Column F-5 - Base Coat AS10413-JM-22B ation: Plaster Debrits - From Within Chase/ Column F-5 - Base Coat AS10413-JM-22B ation: Plaster Debrits - From Within Chase/ Column F-5 - Base Coat AS10413-JM-22B ation: Plaster Debrits in Chase/ Column G-3 AS10413-JM-23B AS10413-JM-23B AS10413-JM-24A ation: Plaster Debrits in Chase/ Column G-3 AS10413-JM-24A ation: Plaster Debrits - 1' Out From Chase/ Column H-3 AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B	Debris - 2' Out Of/ Column F	£-3							
ation: Plaster Debris - 3' Out/ Column F-3 AS10413-JM-21A AS10413-JM-22A AS10413-JM-22A ation: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Base Coat AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Base Coat AS10413-JM-23B ation: Plaster Debris In Chase/ Column G-3 AS10413-JM-23A AS10413-JM-23A AS10413-JM-23A AS10413-JM-24A ation: Plaster Debris - 1' Out From Chase/ Column H-3 AS10413-JM-24B	AS10413-JM-21B		1	1	Ì	i	₹Z		NA A
ation: Paper Debris - 4' Out/ Column F-3 AS10413-JM-22A AS10413-JM-22A AS10413-JM-22A AS10413-JM-22A AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Base Coat AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-23A AS10413-JM-23B AS10413-JM-24A AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B	Debris - 3' Out/ Column F-3								
ation: Paper Debris - 4' Out/ Column F-3 AS10413-JM-22A AS10413-JM-22A AS10413-JM-22A AS10413-JM-22A AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-22B AS10413-JM-23B AS10413-JM-23B AS10413-JM-24A AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B	AS10413-JM-21C		1	1	1	1	AN		¥
AS10413-JM-22A ation: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat AS10413-JM-22A AS10413-JM-22A AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Finish Coat AS10413-JM-22B AS10413-JM-22B AS10413-JM-23B AS10413-JM-23B AS10413-JM-23B AS10413-JM-23B AS10413-JM-23B AS10413-JM-24B AS10	Debris - 4' Out/ Column F-3								
ation: Plaster Debris - From Wilthin Chase/ Column F-5 - Finish Coat AS10413-JM-22A ation: Plaster Debris - From Wilthin Chase/ Column F-5 - Base Coat AS10413-JM-22B ation: Plaster Debris - From Wilthin Chase/ Column F-5 - Base Coat AS10413-JM-23A ation: Paper Debris In Chase/ Column G-3 AS10413-JM-23B ation: Plaster Debris In Chase/ Column G-3 AS10413-JM-23B AS10413-JM-23B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B	AS10413-JM-22A		1	1	1	1	NAD		ş
AS10413-JM-22A AS10413-JM-22B AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Base Coat AS10413-JM-22B ation: Plaster Debris - From Within Chase/ Column F-5 - Base Coat AS10413-JM-23B AS10413-JM-23B AS10413-JM-24A AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B AS10413-JM-24B	Debris - From Within Chase	V Column F-5	Finish Coat						
atton:	AS10413-JM-22A			ĺ	1	1	Chrysottle <0.25		¥
atton:	r Debris - From Within Chase	V Column F-5	Base Coat						
atton:	AS10413-JM-22B		1	Ī	1	Ĺ	OAN IN	N	¥
ation:	r Debris - From Within Chase	V Column F-5	Finish Coat				E	່ວນ	Ł
cation:	AS10413-JM-22B		1	Í	1	Ĺ	NAD OAN	, \	
42 AS10413-JM-23A Location: Paper Debris In Chasel Column G-3 43 AS10413-JM-23B Location: Plaster Debris In Chasel Column G-3 44 AS10413-JM-24A Location: Plaster Debris - 1" Out From Chasel Column H-3 45 AS10413-JM-24B Location: Plaster Debris - 2" Out From Chasel Column H-3	r Debris - From Within Chase	J Column F-5	Base Coat				in	/01	P
Location: Paper Debris In Chase/ Column G-3 43	AS10413-JM-23A		1	1	1	L	NA Section		Ž.
43 AS10413-JM-23B Location: Plaster Debris In Chese/ Column G-3 44 AS10413-JM-24A Location: Plaster Debris - 1' Out From Chase/ Column H-3 45 AS10413-JM-24B Location: Plaster Debris - 2' Out From Chase/ Column H-3	Debris In Chase/ Column G-	9		i a			in;	T.	The state of the s
Location: Plaster Debris In Chese/ Column G-3 44	AS10413-JM-23B		1	1	1	1	NAD CO		
44 AS10413-JM-24A — — — — — — — — — — — — — — — — — — —	r Debris In Chase/ Column G	5.3					Ser		0
Location: Plaster Debris - 1' Out From Chase/ Column H-3 45 AS10413-JM-24B — — — — — — — — — — — — — — — — — — —	AS10413-JM-24A		i	1	1	1	NAD		N. A.
45 AS10413-JM-24B	r Debris - 1' Out From Chase	V Column H-3					ces		7
Location: Plaster Debrts - 2' Out From Chase/ Column H-3	AS10413-JM-24B		4	1	ľ	1	¥.	ıf I	₹.
	r Debrts - 2' Out From Chase	y Column H-3					nit	Lab	D

of Labor Unit

AmeriSci Job #: 213101797

Client Name: Clough Harbour & Associates LLP

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	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/DS	# *	** Asbestos % by TEM
46	AS10413-JM-24C		1	ı	1	1	NA		W
Location:	Plaster Debris 3' Out/ Column H-3	1H-3							
14	AS10413-JM-25		1	1	I	1	Chrysolile 80.0		NA
Location:	Debris in Chase/ Column H-6								
48	AS10413-JM-26A		I	1	1	1	NAD		NA
Location:	Plaster Debris - 7 Out (Right) Column H-6	V Column H-8							
49	AS10413-JM-26B		1	1	1	1	Q'Z		AN
Location:	Plaster Debris - 8" Out (Right)/ Column H-6	V Column H-6							
20	AS10413-JM-27A	27	I	1	1	1	Chrysolle 6.0		NA
Location:	Location: Plaster Debris - 7 Out (Left)/ H-6	97							
51	AS10413-JM-27B	27	į	1	1	I	NAD		AN
Location:	Location: Paper Debris - 6' Out (Left)/ H-6	9					1		
25	AS10413-JM-28		1	1	1	1	Chrysotile 40.0		× ×
Location:	Location; Paper Debris In Chase/ Column H-19	91-H un							
23	AS10413-JM-29A		I	1	1	į	NAD		NA
Location:	Location: Plaster Debris @ Chase Wall Column H-19	V Column H-19							
25	AS10413-JM-29B		į	J	1	I	₹Z		AN
Location:	Plaster Debrts - 1' Out/ Column H-19	in H-19							
28	AS10413-JM-29C		I	l	I	1	₹Z		NA
Location:	Plaster Debris - 2' Out/ Column H-19	In H-19							
26	AS10413-JM-30A		1	1	1	1	NAD		A
Location:	Plaster Debris - 1' Out (West) Column H-17	V Column H-17							
25	AS10413-JM-30B		Ì	1	1	1	ş		NA
Location:	Plaster Debris - 2' Out (West) Column H-17	V Column H-17						N	
28	AS10413-JM-30C		1	-1	1	ı	E	ev	AN
Location:	Plaster Debris - 3' Out (West)/ Column H-17	V Column H-17					-	V	A
28	AS10413-JM-31A		1	J	1	1	NAD	70:	I
Location:	Plaster Debris - 1' Out/ Corridor Outside 160	for Outside 160					J. W.	0	
09	AS10413-JM-31B		1	1	1	1	¥.	CT	
Location:	Plaster Debris - 1' Out/ Corridor Outside 160	for Outside 160					7 3	1	R
5	AS10413-JIM-31C		1	1	1	1	No.	5	(Z
Location:	Location: Plaster Debris - 3' Out/ Corridor Outside 160	for Outside 160					vice	201;	I
							T. C.	3	7

See Reporting notes on last page

Client Name: Clough Harbour & Associates LLP

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

AmeriSci Sample #	Client Sample#	HG	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestoe % by PLM/DS		** Asbestos % by TEM
62	AS10413-JM-32A		1	1	I		NAD		NA
Location:	Location: Plaster Debris - 1" Out/ Corridor Outside 163	lor Outside 163							
8	AS10413-JM-32B		1	1	1	1	NA		NA
Location:	Plaster Debris - 2' Out/ Corridor Outside 163	lor Outside 163							
3	AS10413-JM-32C		1	1	1	i	NA		NA
Location:	Plaster Debris - 3' Out/ Corridor Outside 163	for Outside 163							
65	AS10413-JM-33A		1	1	1	ij	NAD		NA
Location:	Plaster Debris - 1' North/ Column D-15	umn D-15							
99	AS10413-JM-33B		1	1	1	1	AN		NA
Location:	Plaster Debris - 2' North Column D-15	umn D-15							
67	AS10413-JM-33C		1	l	Ì	Ĺ	AN.		NA
Location:	Plaster	Jmn D-15							
89	AS10413-JM-34A		1	ĺ	1	1	NAD		NA
Location:	Plaster Debris - 1' East/ Column D-6	mn D-6							
69	AS10413-JM-34B		1	1	Ì	1	¥		¥
Location:	Plaster Debris - 2" East/ Column D-6	mn D-6							
2	AS10413-JM-34C		1	Į	1	1	¥		NA.
Location:	Plaster Debris - 3' East/ Column D-6	mn D-6							
7	AS10413-JM-35A		l	I	1	1)	NAD		¥
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72	AS10413-JM-35B		1	Í	İ	1	¥		N.
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73	AS10413-JM-35C		1	I	1	1	AN	N	¥
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74	AS10413-JM-38		1	1	1	1	Chrysottle 143	Y	M
Location:	Pipe insulation Debris W/In Chase/ Column D-10	Thase/ Column D	10					01	P
75	AS10413-JM-37		1	1	1	-1	NAD	k S	N
Location:	Debris On Floor W/In Chass/ Column D-10	Column D-10						Sta	R
78	AS10413-JM-38A		1	1	1	1	DAN	te	ANTO
Location:	Debris On Floor - 1' North/Column D-10	ohumn D-10					er	Di	
11	AS10413~JM-36B		1	I	ľ	1	N.K.	201 ept	V
Location:	Debris On Floor - 2' North/Column D-10	olumn D-10			İ		es	. 0	
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Reporting notes on last page	s on last page						221	abor	

See Reporting notes on last page

Clough Harbour & Associates LLP Client Name:

Summary of Bulk Asbestos Analysis Results Table 1

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

- Asbestos % by ¥ ** Asbestos % by PLM/DS ¥ Non-Asbestos Inorganic % Insoluble morganic % Acid Sensitive Organic % Heat Sample Weight (gram) HG Area AS10413-JM-38C Client Sample# Amerisci Sample # 28

Location: Debris On Floor - 3' North/Column D-10

Analyzed by: John P. Koubiadis

"Quantitative Analysis (Semilf-uil, Asbestos Analyzed 10/8/20/13

"Quantitative Analysis (Semilf-uil, Asbestos Analysis - PLANToy EPA 600/M4-82-020 per 40 CFR or ELAP 188.1 for New York inable samples or ELAP 188.8 for New York NOB sampless, The Carlos (Semilf-uil) by EPA 600/R-93/116 (not covered by NVLAP-Bulk eccreditation) or ELAP 188.4; for New York samples; NAD = no asbestos detected during a quantitative analysis, NA = not alwaysac; The casults for Quantitative pLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analysis): Alb Lab # 102843, NVLAP Lab Code 200546-2 NYSDOB-ELAP Lab ID#11480.

Warming Note: PLM limitation, only TEM will resolve fibers 40.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of mon-uniformly dispersed debris for which pLM evaluation is recommended (i.e. soils and other heterogenous materials).

APPROVED

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>

OCT 1 5 2013

New York State Dept. of Labor Engineering Services Unit

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
imorey@chacompanies.com
www.chacompanies.com

P Please consider the environment before you print this email.

-Attachments:

DOC163.PDF

618 KB

13 5,7203 103.5

10/08/2013 08:34 2126799392 AMERISCINYC pt. of Labor ervices Unit Homogenous Area Pr Death Proj State: NY ELAP PLAYTEM W/ NOB Prep. Other (describe in comments BULK CHAIN OF CUSTODY Andlas The AuernSco New York 117 E-or 30th Sneet New York, NY 10016 Tall Free: (500) 705-5227 Phone: (212) 679-6600 Fax: (212) 679-6392 è 213101 Pro et. Date Sampled: **Material Type:** Sample Description (dust ares) Polema Qualitative, A-7 TEM: 8-15 3 \$ AMERI SCI 102-Positive Stop; Calman Column Column Johnna (Microvaci (Wipe); matypele: PLM; unterpound Time: DatesTime: (3/ 9/17 ASTIM Duat sampled By: Proj Addre To Mar: Project Date/Time: DebitTime: Darle Time: Verbal Recults: Y / N J. br. Plaske 3 Plastic Fax: Fax: 3 Mesh Panal pecial leatructions or Comments Starte: AmeriSci, Bulk CoC, rev May 20, 2009 Field ID Received By efinguished By: 15.4 SICI Refinquished By 144 Received By C breat Address: ompany: roults to: Ciebio Phone:

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OCT 1 7 2013

New York State Dept. of Labor Engineering Services Unit

October 15, 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 #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.

Sincerely,

Seth H. Fowler, CHMM

Associate

Asbestos Inspector/Project Designer #99-08548

Enclosure

V Projects ANY K3 25083 Building! 1A Tech Design Data Variance Re-Opening #1 09-24-13 File No. 13-1035.doc

New York State Dept. of Labor

"Satisfying Dur Clients with | III Winners Circle, P.O. Box 5269, Albany, NY 12205-0269

Dedicated People Committed to Total Quality" | T 518.453.4500 e F 518.458.1735 e www.chacompanies.com



October 23, 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

New York State Dept, of Labor Engineering Services Unit

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 reopening 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.



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.

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 #9

Enclosure

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OCT 24 2013







APPROVED

October 22, 2013

OCT 2 4 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, 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





OCT 24 2013

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

Engineering Services Unit

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,



12

NYS OGS

Page 3

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OCT 24 2013

however no delineation was undertaken as the analytical data from the chase indicated tate Dept. of Labor negative result.

Engineering Services Unit

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.





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

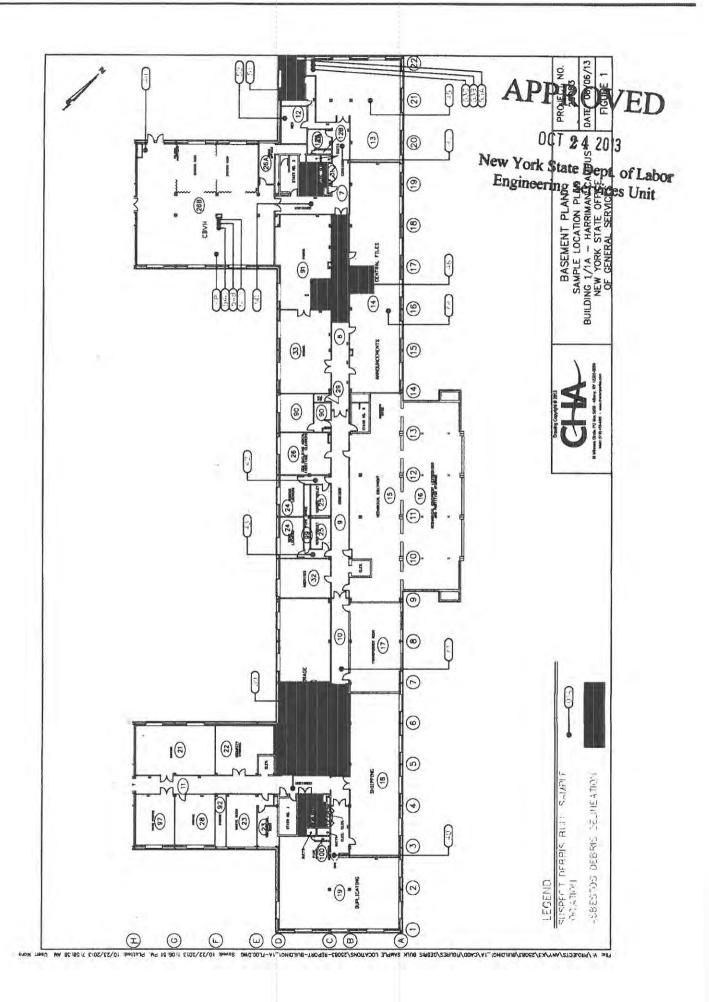
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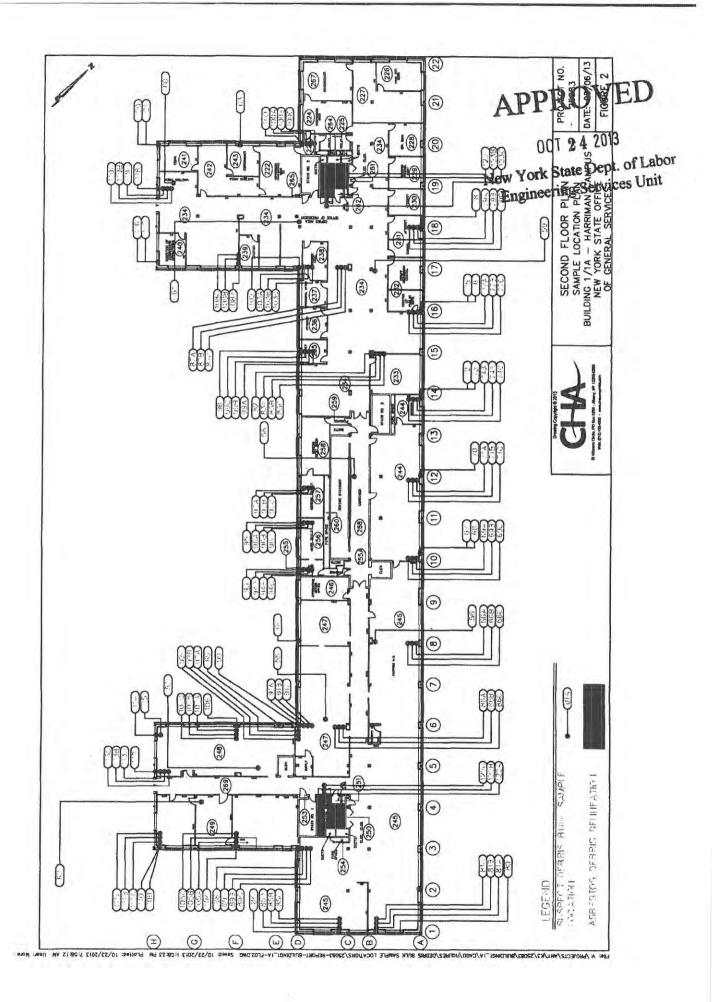
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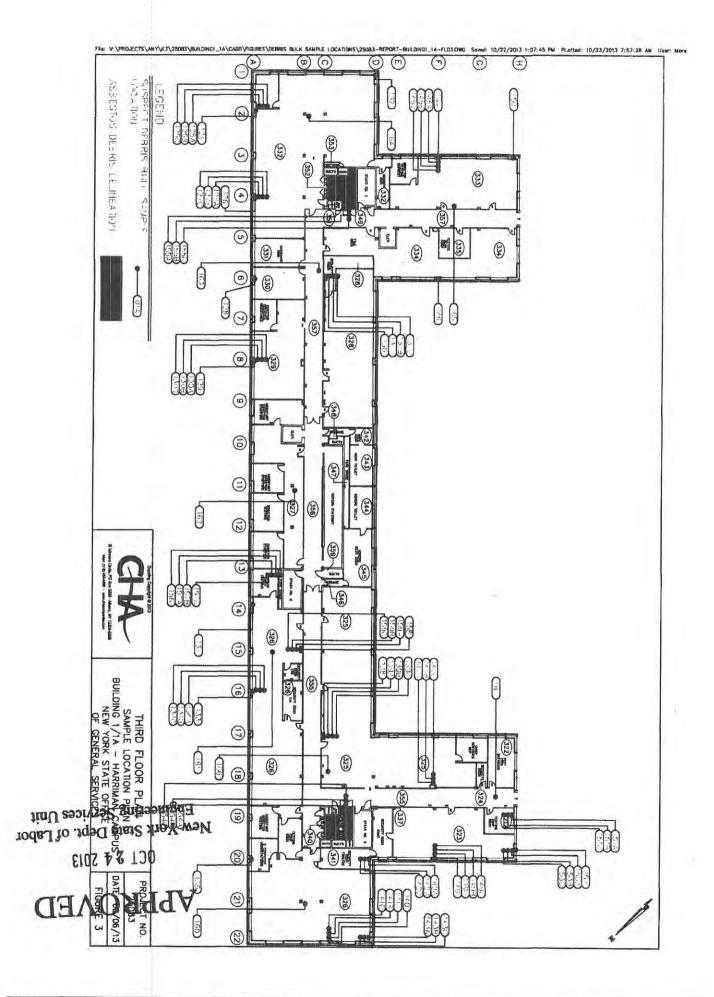
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OCT 24 2013

New York State Dept. of Lab

Sample Number	Suspect Material Description	Sample Location	Asbestos Comen (%)
	First Floor Samples 01-38 are included with		
3- 2- 3	Bestmen		
AS101113-JM-39	Floor Debris	At Stainwell	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
SA SYNDER SERVICE	THE TRANSPORT OF THE PARTY OF T		
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	
AS101113-JM-66A	Floor Debris @ Chase Wall	At Column A8	44.4% 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	NAVNS
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	NAVNS
AS101113-JM-69C	Floor Debris 2' out from Chase Wall	Column A10	NAVNS
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		NAVNS
AS101113-JM-71C	Floor Debris 2' out from Chase Wall	Column A12	
		Column A12	NA/NS
AS101113-JM-72	Insulation Paper Debris	Column A14	86.7%
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

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Samula Number	Suggest Material Description	Engi	necrisingstas Content
Sample Number	Suspect Material Description	Sample Location	ork State Dept. of necring ses Content (%) ICES
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	NAMS
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	NAMS
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	NAMS
AS101113-JM-91C	Floor Debris 2' out from Chase Wall	Column D6	NAVNS
AS101113-JM-92A	Floor Debris @ Chase Wall	Cólumn D6	NAD
AS101113-JM-92B	Floor Debris 1' out from Chase Wall	Column D6	NAMS
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	NAVNS
AS101113-JM-96C	Floor Debris 2' out from Chase Wall	Column D11	NAVNS
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
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Sample Number	Suspect Material Description	Sample Location Engine	States Dept. of
AS101113-JM-99A	Floor Debris @ Chase Wall	Column D15	NAD NAD
AS101113-JM-99B	Floor Debris 1' out from Chase Wall	Column D15	NAVNS
AS101113-JM-99C	Floor Debris 2' out from Chase Wall	Column D15	NAVNS
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	NANS
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	NAVNS
AS101113-JM-107C	Floor Debris 2' out from Chase Wall	Column F6	NAVNS
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	NAVNS
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	NAVNS
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
S101113-JM-122B	Floor Debris 1' out from Threshold	At Room 252	NA/NS
S101113-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
S101113-JM-123C	Floor Debris 2' out from Threshold	At Room 253	NA/NS
	Third Floor		ALEXANDER OF THE PARTY OF THE P
AS101113-JM-124	Insulation Debris on Chase Floor	Column A2	NAD
S101113-JM-125A	Floor Debris @ Chase Wall	Column A2	NAVNS
S101113-JM-125B	Floor Debris 1' out from Chase Wall	Column A2	NA/NS

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Sample Number	Suspect Material Description	Sample Location Engi	ork State Dept.
			(%)
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	. NAVNS
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	NAVNS
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	NAMS
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	NAVNS
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	NAVNS
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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Engineering Services Unit

Sample Number	Suspect Material Description	Sample Location	Asbestos Conten (%)
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 Dabris 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** - Vermiculite identified Within Debns 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 / Chann	Chass Open (C) or Closed (C)	Intent debates Pipe Insulation Propert / Assumed Present	Fiberglass Pips Insulation - Non- Suspect	Assumed Confirmed ACM Debris Present in Chase	No Suspect Detrie Observed in Chase	Debris in Chaes Sampled	Delineation Settpling at Chare	Contamination Extends beyond Chase
A-1	0		A SECOND	X				NO
A-2	O - Pertial			X				NO
A-3	C							
A-4	O - Partial			X			1	NO
A-5	C							
A-6	O - Partial			X				NO
A-7	C							
A-8	C	X'		×				NO
A-9	C							ST.
A-10	C	X ¹		X				NO
A-11	C							
A-12	C	X¹		х				NO
A-13 ·	С							No. of Acres 4
A-14	C	X1		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							
8-14	С			All Property		THE PERSON		
B-15	O - Partial	X		X				NO
8-19	C					5		
B-22	C							
C-1	C							NO
C-9	C							
C-10	C							
C-13	C	X¹		X				NO
C-14	Ċ							
C-17	O - Partial	X		X				NO -
C-22	0			X		X	X	NO B
D-1	O - Partial	X		x				NO 09.
D-2	С	117 7 2 2 1						3
D-3	C	X1		x				2
D-4	C						-	3.
D-5	0			X				NO Y
D-6	С	X,		X				NO TE

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TABLE 2

Building 1 Basement PIPE CHASE INVENTORY

Column Line / Chines	Chase Open (O) or Ciberd (C)	Interest Authorities Place Interferities Products / Adjusted Present	Fiberghain Pipe Insulfition - Non- Buspect	Assumed/Coefficient ACM Debris Present in Chase	No Suspent Debris Observed in Chass	Detries in Chaine Banapled	Defineation Sampling at Chase	Contemplication Extends buyon Chiss
D-7	C				- CA - CA - CA - CA - CA - CA - CA - CA			
D-8	C	X¹		X				NO
D-9	C				TO ALL			
D-10	C	X¹		X				NO
D-11	0			X		X	X	NO
D-12	0			X		X	X	NO
D-13	O - Partial			X				NO
D-15	0 - Partial			x				NO
D-16	C	X¹		X				NO
D-17	0 - Partial			X				NO
D-18	С	X¹		×				NO
D-19	C	X¹	1121221	×		1		NO
D-20	0			X		X	X	NO
D-21	0			X		X	×	NO
D-22	0			x		X	X	YES
F-3	C	x'		X				NO
F-5	C							
F-6	0			X				NO
F-17	0				X	X		-
F-18	0			X		X	X	NO
F-20	C	χ1		X				NO
G-3	C							
G-6	C				No. of the last of			
G-17	С							
G-20	C							
H-3	C	X1		x				NO
H-4	C							
H-5	C	X¹	3.7	X				NO
H-6	C	X¹		X			225	NO
H-17	0	X			X			NO
H-18	C							
H-19	0				X			
H-20	0				х	X		
X'	Pipe Insulation Debris As	sumed to be Present		-				l7

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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	С					1 2 2 2		
A-2	0				X			
A-3	С							
A-4	0		Y		Х			
A-5	C							
A-6	0				ж			
A-7	0	4			X			
A-B	0			×			X	NO
A-9	C							
A-10	0			x			X	NO
A-11	C							
A-12	0			X			X	NO
A-13	0				X	G		
A-14	0		E-1	×			X	NO
A-15	0				X			
A-16	0			×			X	NO
A-17	C							
A-18	0			X			×	NO
A-19	0				X			
A-20	0				X	4		
A-21	C							
A-22	0				Х	1		
B-1	0			x		X	X	NO
8-8	С							
8-9	C							
B-14	C							
B-15	0			x		×	x	NO
B-19	C							
B-22	C						7.0	
C-1	0			×		×		NO
C-6	0			x		×	-	NO
C-9	C							- bus
C-10	C							1 27
C-13	C	x¹		×				00
C-14	C							3
C-17	0			×		X		NO &
C-22	C	x'		×				NO Z
D-1	0				X			nn nn
D-2	C							-
D-3	0			x		×	X	NO CD
D-4	C					-		

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 beyon Chase
D-6	0			X		X	Х	NO
D-7	C							
D-8	C	X,		X				NO
D-9	C						5	
D-10	0			X		X	X	NO
D-11	0			X		X	X	NO
D-12	0			X		X	X	NO
D-13	C							
D-14	C							
D-15	0			X		X	X	NO
D-16	С						7 - 37 - 37	
D-17	0			X		X	×	NO
D-19	C					Language and		
D-20	0			X		X	X	NO
D-21	0				X			
D-22	0				X			
E-3	C							
E-6	O - Partial			X		X		NO
E-12	C			Control of the contro				
F-3	0			X		X	X	NO
F-5	C					-1		148
F-6	0			X		X	X	NO
F-17	0			X		X	X	NO
F-20	0			X		X	X	NO
G-3	C					[- W / Table = 2)		
G-6	0				X			
G-17	0				X	X		
G-20	0				Х	X		
H-3	0			X		X	X	NO
H-4	C							
H-5	0			X		X	X	NO
H-6	0			X		X	X	NO Z
H-17	0				X	X	X	m 2
H-18	C							5
H-19	0			X		X	X	200 K
H-20	0				X	X	X	8 S

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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							12 To 12 To 12
A-2	0			×		X	X	NO
A-3	C					Indiana 1		
A-4	0			X		X	X	NO
A-5	C					100		
A-6	0				X	×		NO
A-7	C							U.S. Company
8-A	0			X		X	X	NO
A-9	C							
A-10	0				x			
A-11	С							V
A-12	0				X			
A-13	C							
A-14	O - Partial			X		X		NO
A-15	C							
A-16	0			X		X	X	NO
A-17	C			-				1000
A-18	0			- www.	х х			
A-19	C							
A-20	0				X	X		
A-21	С							
A-22	O - Partial			X				NO
B-1	0				X			
B-8 B-9	c					-		
B-14	0			-	x			
B-14								
B-15	C			×		x	X	NO
8-19	C							
B-22	C							
C-1	C							
C-6	0			X		X	X	NO
C-9	C							
C-10	C							-
C-13	C							
C-14	c							
C-17	0			X		X	X	NO
C-22	0			X		X	X	NO
D-1	0				X	X		
D-2	C		NI CONTRACTOR OF THE PARTY OF T					
D-3	0				X			NO NO NO sbestos Debris De
D-4	C							

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TABLE 2

Building 1 Third Floor PIPE CHASE INVENTORY

clumn 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 Dabris Observed in Chase	Debris in Chase Sampled	Delineation Sampling at Chase	Contamination Extends beyond Chase
D-6	0				X			
D-7	C							
D-8	0				X			
D-9	С							
D-10	0 - Partial			X				NO
D-11	С							
D-12	C							
D-13	0	24			X			
D-14	С							
D-16	0				X			
D-16	C							
D-17	0				X			
D-19	C							
D-20	0			×			X	NO
D-21	C							
D-22	0			x			X	NO
E-3	C							
E-6	C							
E-12	C							
F-3	0			×		· X	X	NO
F-5	C		***					
F-6	0				X	X		
F-18	0			×			X	NO
F-17	0			X			X	NO
F-20	0			X			X	NO
G-3	C							
G-6	C							
G-17	C							
G-20	C			-				-
H-3	0				×	x		-
H-4	C							
H-5	o				x			TI
H-6	0				x			1 5
H-17	0		-		×		-	-
H-18	c		-		-			
				×			Y	NO 13
						V 1	Ŷ	NO T
		sumed to be Descent				_ ^ _	^	100
H-19 H-20 X ¹	0 0 Pipe Insulation Debris As	sumed to be Present		X		x	X	NO HO

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Table 3

Building 1

OCT 2 4 2013

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

			ngmeering se	1 11000
Basement Level		10-12-1		d de
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		
Intrd 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	



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AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME

Rush

124 bour Other_____

Client //	1506	5	110		Building 1			4. Project Mon	ttor 13	rian C	Coulor	Lac	4b. Rotemet Number	ELL ZO	
Project Numb /30 Date 0-2-13	6. Absternent	Locatio	on:	Ct Man	PCM (0.8 referen MCE) 8 settu/Fitter ufacturer LPS	Zam pu . TEM (0.4 cassatte/file innufacturer ot 8	5 micron MC	4a. Air Sample 8. Type: a. Dhee b. Dhee c. Dhee	d. Clean	Phase BC -	Coulos 1. DOSHA a. a Enviro	- be	4c: Rotameter celibration: □ Manufacturer □ Gillbrator □ Drycel 4d: Celibration Date 9-23-(3		
	AMPLE RE				0700 to 17	1	hour cloc	k)	17						
10. Semple I.D. Number	f1. Lab Sample Number	12, Sar 12s. IWA	12b. OWA	on 12c. Sample (Coordinates	13. Time (2-	13b. End	13c. Total	14. Flow Ra	14b. End	14c. Average	15. Total Air Volume (liters)	16. # fibers/ fields minus blanks	17. Fiber concentration (f/cc)	
011	8809			Field Blank								June	9/00 000		
012	8/8/0			Field Blank					v			133	1/100 127		
013	8/8//			2ndFL - 95 Mach Rm 252		1445	1615	90	10	10	10	900	7/00 8.28	0.004	
014	8/8/2		L-I		Van Name and American		1617	1		10	10	1	100 701	40.003	
015	81113				Stair #3	1449	1619		9 10	10			19/100 12/	0.005	
016	87814				- Area 234		1620	1	1 4	10			15/100 18.5	6.008	
017	21818				1/5 State # 1	1456	1626	1111	1	10			7/00 528	0.004	
018	81816				14A 357	1457	1627	1.3	To the said	10			7/00 8.28	צעעא	
019	8/807				na 322	1459	1629	17		12		11	14/100 172	0.007	
020	81818		100		Much Rm 338	1500	1630	V	V	10	1		1/100 9.55	M. M	
					-					-					
														E CH	
AIN OF CU	STODY								LAB INFO	DRMATION	•		É	ioposox	
. Relinguishe	d By:		18. Date	19. Time	20. Received By:	/	21. Data 2	2. Time	23. Lab Ner	ne W	Immu	10917	24. De		
Im	m	_	10-21	3 1710	Mysky	V	10/2	W	a. Analyz		Much	my	10/	S 2/12	
		_		1		/	-		b. QC by c. Lab Ba	7:2	- 8910	QC#	QQ#	3 2	
Project Manag	ger: ~ Chev.				BTO: Bryon Clear	28. D	rawing: 28	se drawing for	this shift.	2	9: Comment			of L	

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**Results are Interim Pending Quality Control hevil AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

TURNAROUND TIME

CRush

CRush

Other

Other

Client N	45065	5	1	oject Nam roject Add	Bul	ding 1				act Mon Sample	Br. 1	an Coul			4b. Rotameter Number AECC Se4 4c: Rotameter calibration:		
Date 10-2-13	6. Absternen	Location	1:		N Contract	YSOUS CO (0.8 micron MCE) Filter urer EMS	B. TEM (0.4 Cassette/Filte Nienufecturer Lot #	• 1	OCE) 9	Type: CPhes CPhes	d. Deli d. Delia disconsideration of the control of	Phase IIC - ning Phase IIC - rance	f. DOSHA g. a Enviro		o Manufacturer or Gillibrator o Drygosi 4d: Celibration Date 9-23-13		urer tion Date
AILY AIR S	AMPLE RE	CORD	SHI	FT HOU	IRS o		7 00 (24	hour ek			3100		.,			16	3-13
10. Sample I.D. Number	11. Lab Sample	12. San	ple Locat	ion			13. Time (2				14. Flow Ra	te (litera/ min	ute)	15. Total		fibers/	17. Fiber
I.D. Number	Number	12a. IWA	12b. OWA	12c. Sar	mple Coordi	nates	13a. Start	3b. En	d 130	. Total	14a. Start	14b. End	14c. Average	Volume (liters)		anks	concentratio (f/cc)
001	81797			Field Blo	ank		X	ix		×	x	×	X	x	9/00	0.00	
002	81800			17,000,000	field Blank		1 ^	^		^	^	~		^	0/100		
003	81801			ISTFL	StFL- 142 Area		1230	1400		0	10	10	10	900	1/100	140	0.006
004	81802			1	- 131	3 Area	1231	1901	11	1	1	10	1	1	1/100		0.009
005	8/803				- 134	Area	1232	1502				10			14/100	15.3	0.007
006	81804		1 0	4	- 160	Area	1233	Nº3				10			15/100	191	0.00%
007	81805			Basen	nt- out	ide Stair #1	1502	1432				10	HE		17/100	21.7	0.009
008	81806			1	- ous	de Transferent	1303	1433	2			10			11/100	14.0	0.000
009	81807	Œ			· Ouls	ide Shirts 3	1305	1433				10			10/100	12.7	0.005
010	81808			L	* 0ul \$1.	L. Storage S3	1306	1436	1	1.	v	10	V	1	8/100	102	0.004
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		1 - 1	-													Engin	2
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HAIN OF CI	USTODY)			LAB INFO	DRMATIO	N			eerin	Photo est
7. Relinquish:	nd By:		18. Date	_	Time 20	. Received By:			22. Time		23. Lah Nar	710	Umalu	wom		24 D	TI. TI
John G	de	-	10-2-	13 17	10	Mezan	1	10/2	2010	-	a. Analyz b. QC by	ed By:	Ugmalu	m		1032	204
1.							1 7	4				atch a: 135	8909	QC# Std:	QC Sto	1 60	0 8m:
. Project Mana	iger:			27, [Results To: Phone if a	Bryan Clury	28.0	rawing:	See draw		this shift.		9: Comment			CILL	Labo

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AmeriSci Nev@Ybrk4 2013

117 EAST 30TH ST. NEW FURK, OF LAND Dept. of Labo TEL: (212) 679-8600 • FAE (1911) 679 1919 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 ELAP#

11480

P.O. # Page

RE: 25083; Harriman Campus; Bldg. 1, NY (Report Amended

10/21/2013)

	. / HGA	Lab No.	Asbestos Present	Total % Asbestos
39	21 Location: Floor Debris @ S	3102632-01 tairwell	No	NAD (by NYS ELAP 198.1) by David W. Roderick
Asbe	Description: Grey, Homogeneous, No stos Types: er Material: Non-fibrous 92.5 %, Ven		tious, Bulk Material	on 10/15/13
40	21	3102632-02	No	NAD
	Location: Paint Debris @ C	olumn C3		(by NYS ELAP 198.6) by David W. Roderick on 10/15/13
Asbe	Description: OffWhite, Homogeneous stos Types: er Material: Non-fibrous 12.1 %	, Non-Fibrous, Bulk	Material	01101010
41	21	3102632-03	No	NAD
	Location: Plaster Debris In			(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	description: Grey, Homogeneous, No stos Types: er Material: Non-fibrous 93,7 %, Ven		ious, Bulk Material	
Asbe	stos Types: er Material: Non-fibrous 93.7 %, Ven	miculite 6.3 %	ious, Bulk Material	NAD
Asbe	stos Types: er Material: Non-fibrous 93.7 %, Ven	mlculite 6.3 % 3102632-04		NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe Oth 42 Analyst I	stos Types: er Material: Non-fibrous 93.7 %, Ven 21	3102632-04 Women's Rm	No	(by NYS ELAP 198.1) by David W. Roderick
Asbe Oth 42 Analyst I	er Material: Non-fibrous 93.7 %, Ven 21 Location: Plaster Debris In Venescription: Grey, Homogeneous, Non stos Types: er Material: Non-fibrous 95 %, Vermi	3102632-04 Women's Rm	No	(by NYS ELAP 198.1) by David W. Roderick
Asbe Oth 42 Analyst I Asbe Oth	er Material: Non-fibrous 93.7 %, Ven 21 Location: Plaster Debris In Venescription: Grey, Homogeneous, Non stos Types: er Material: Non-fibrous 95 %, Vermi	3102632-04 Women's Rm n-Fibrous, Cementit culite 5 % 3102632-05	No ious, Bulk Material	(by NYS ELAP 198.1) by David W. Roderick on 10/15/13

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report

25083; Harriman Campus; Bldg. 1, NY (Report Amended 2 4 2013 10/21/2013)

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	213102632-06 Location: Paint Debris @ Column A16	No	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/15/13
Asbestos Typ	on: Grey, Homogeneous, Non-Fibrous, Bulk M es: al: Non-fibrous 8.6 %	aterial	
45	213102632-07 Location: Plaster Debris/ Between Columns A	No N218B21	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Type	on: Grey, Homogeneous, Non-Fibrous, Cemen es: al: Non-fibrous 94 %, Vermiculite 6 %	titious, Bulk Material	
46	213102632-08 Location: Floor Debris @ Column C17	Yes	0.5 % ¹ (ELAP 198.1; 400pc) by David W. Roderick on 10/15/13
Asbestos Type	on: Grey, Heterogeneous, Non-Fibrous, Cemer es: Chrysotile 0.5 % al: Non-fibrous 97.7 %, Vermiculite 1.8 %	ntitious, Bulk Material	
47	213102632-09 Location: Paper Debris In Comidor Adj. To C2	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Type	on: OffWhite, Homogeneous, Fibrous, Bulk Ma es: al: Cellulose 99 %, Non-fibrous 1 %	terial	
48	213102632-10 Location: Plaster Debris @ Column F16	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Type	on: Grey, Homogeneous, Non-Fibrous, Cemen es: al: Non-fibrous 92.7 %, Vermiculite 7.3 %	titious, Bulk Material	
	213102632-11 Location: Floor Debris @ Column H2O	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Type	n: Brown, Heterogeneous, Fibrous, Bulk Mate es: al: Cellulose 40 %, Fibrous glass 25 %, Non-		

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report

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25083; Harriman Campus; Bldg. 1, NY (Report Amended 10/21/2013)

OCT 24 2013

				Eligineering Services e
Client No.	/ HGA	Lab No.	Asbestos Present	Total % Asbestos
50	Location: Plas	213102632-12 ter Debris	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbes	escription: White, Hometos Types; ar Material: Non-fibrous	ogeneous, Non-Fibrous, Bulk Ma 100 %	aterial	
51	Location: Plas	213102632-13 er Debris @ Women's Rm Chas	No se Wall	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbas	escription: Grey, Homo tos Types: or Material: Non-fibrous	geneous, Non-Fibrous, Cementi 100 %	tious, Bulk Material	UII 10/13/13
52	Location: Plast	213102632-14 er Debris @ Men's Rm Chase V	No Vall	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbes	tos Types:	geneous, Non-Fibrous, Cementi 93.2 %, Vermiculite 6.8 %	tious, Bulk Material	
53A	Location: Plast	213102632-15 er Debris @ D22 Chase Wall	Yes	Trace (<0.25 % pc) (ELAP 198.1; 400pc) by David W. Roderick on 10/15/13
Asbes	escription: Grey, Homo tos Types: Chrysotile < r Material: Non-fibrous		tious, Bulk Material	
53B	Location: Plast	213102632-16 er Debris @ D22-1' Out	No	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
Asbes	escription: Grey, Homo tos Types: r Material: Cellulose Tra	geneous, Non-Fibrous, Cementi ace, Non-fibrous 100 %	tious, Bulk Material	, on 10, 10, 10
53C	Location: Plast	213102632-17 er Debris @ D22-1' Out		NA
Asbes	escription: Bulk Materia tos Types: r Material:			

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos ReportppROVED

25083; Harriman Campus; Bldg. 1, NY (Report Amended 10/21/2013)

OCT 24 2013

New York State Dept. of Labor

			New York	ring Services Unit
Client No	. / HGA	Lab No.	Asbestos Present	Total % Asbestos
54A	4A 21310 Location: Floor Debris @ F18 C		Yes	0.5 % (ELAP 198.1; 400pc) by David W. Roderick on 10/15/13
Asbe	Description: Grey, Homo estos Types: Chrysotile (ner Material: Cellulose 10		tious, Bulk Material	
54B	Location: Plas	213102632-19 er Debris @ F18- 1' Out	No	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
Asbe	Description: Grey, Homo estos Types: er Material: Non-fibrous	geneous, Non-Fibrous, Bulk Mat 92 %, Vermiculite 8 %	erial	
54C	Location: Plast	213102632-20 er Debris @ F18-2' Out		NA
Asbe	Description: Bulk Materia stos Types: ser Material:			
55	Location: Floor	213102632-21 Debris @ D/C 6	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	stos Types:	geneous, Non-Fibrous, Cementit 94.5 %, Vermiculite 5.5 %	ious, Bulk Material	
56	Location: Floor	213102632-22.1 Debris @ B8 - Finish Coat	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	Description: White, Homo stos Types: er Material: Non-fibrous	geneous, Non-Fibrous, Bulk Ma	terial	÷
56	Location: Floor	213102632-22.2 Debris @ B8 - Base Coat	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	Description: Grey, Homoç stos Types; er Material: Non-fibrous	eneous, Non-Fibrous, Cementit 100 %	ious, Bulk Material	

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report 25083; Harriman Campus; Bldg. 1, NY (Report Amended 10/21/2013)

OCT 24 2013

Client No. / HG	A Lab I	No. Asbes	tos Present	Total % Asbestos
57	2131026 Location: Floor Debris @ E/F 5		No	NAD (by NYS ELAP 198.6) by David W. Roderick on 10/15/13
Asbestos Ty	tion: Yellow, Homogeneous, Non-Fibr pes: Irial: Fibrous glass 40 %, Non-fibrous			
58	21310263	12-24 1	No	NAD
	Location: Floor Debris @ C12 - Fini			(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Ty	tion: White, Homogeneous, Non-Fibro pes: rial: Non-fibrous 100 %	us, Bulk Material		0110/10/10
58	21310263	2-24.2	No	NAD
	Location: Floor Debris @ C12 - Bas	se Coat		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Ty	tion: Grey, Homogeneous, Non-Fibrou pes: rlal: Non-fibrous 100 %	s, Cementitious, Bulk Ma	terial	3.1.(3.1.3.1.3
59	2131026	32-25	No	NAD
	Location: Floor Debris @ B17			(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Ty	ion: Grey, Homogeneous, Non-Fibrou pes: rial: Non-fibrous 93.5 %, Vermiculite		terial	
60	2131026		No	NAD
50	Location: Floor Debris @ G19-20	32-20	NO	(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Ty			terial	31.13.13.13
Other Mate	rial; Non-fibrous 94.7 %, Vermiculite	5.3 %		
61	2131026 Location: Floor Debris @ D18	32-27	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Ty	ion: Grey, Homogeneous, Non-Fibrou pes: rial: Non-fibrous 95.2 %, Vermiculite		terial	77.77.79.74

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report APPROVED

25083; Harriman Campus; Bldg. 1, NY (Report Amended 10/21/2013)

OCT 24 2013

New York State Dept. of Labor

				Engineering Services Un
nt No	. / HGA Lab N	Vo.	Asbestos Present	Total % Asbestos
	21310263 Location: Floor Debris @ G4	32-28	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	Description: Grey, Homogeneous, Non-Fibroustos Types: er Material: Non-fibrous 95 %, Vermiculite 5	- Anna Carlo	s, Bulk Material	3.1.13.13.13
	21310263 Location: Chase Floor Debris Colum	nn F20	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	Description: Brown, Homogeneous, Non-Fibro stos Types: er Material: Cellulose 2 %, Non-fibrous 98 %	4147.030.00	ial	
	21310263 Location: Chase Floor Debris Column		No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asber	escription: Grey, Homogeneous, Non-Fibrous stos Types: er Material: Non-fibrous 100 %	s, Cementitious	s, Bulk Material	01110/10/10
	21310263 Location: Pipe Insulation Debris Coli		Yes	44.4 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbes	escription: Grey, Homogeneous, Fibrous, Bul stos Types: Chrysotile 44.4 % er Material: Cellulose 50 %, Non-fibrous 5.6 %			
,	21310263 Location: Debris @ Chase Wall Colu		Yes	Trace (<0.25 % pc) (ELAP 198.1; 400pc) by David W. Roderick on 10/15/13
Asbes	escription: Grey, Homogeneous, Non-Fibrous stoe Types: Chrysotile <0.25 % pc er Material: Cellulose 2 %, Non-fibrous 98 %	s, Cementitious	s, Bulk Material	
	21310263 Location: Debris @ 1' Out Column A	.8	No	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
Other	er Material: Cellulose 2 %, Non-fibrous 98 % 21310263	.8 s, Cementitious		: Material

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report

25083; Harriman Campus; Bldg. 1, NY (Report American PROVED 10/21/2013)

OCT 24 2013

New York State Dept. of Labor Client No. / HGA Lab No. Asbestos Prese Anginecrim dent Vicas limitos 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 No NAD 213102632-37 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: NA 213102632-39 69C Location: Debris @ 2' Out A10

Analyst Description: Bulk Material

Asbestos Types: Other Material:

Client Name: Clough Harbour & Associates LLP

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PLM Bulk Asbestos Report

25083; Harriman Campus; Bldg. 1, NY (Report Amended 10/21/2013)

OCT 2 4 2013

Client No. / H	GA	Lab No.	Asbestos Present	Total % Asbestos
70	Location: Paper	213102632-40 Debris In Chase A12	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos '		eous, Fibrous, Bulk Material , Non-fibrous 1 %		
71A	Location: Debris	213102632-41 @ Chase Wall A12		NA
Analyst Descr Asbestos ' Other Ma				
71B	Location: Debris	213102632-42 @ 1' Out A12		NA
Analyst Descri Asbestos * Other Ma	• • • • • • • • • • • • • • • • • • • •			
71C		213102632-43		NA
	Location: Debris	@ 2' Out A12		
Analyst Descri	ption: Bulk Material			
Asbestos 1 Other Ma				
72		213102632-44 on Paper Debris A14	Yes	66.7 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos 1	ption: Grey, Homoge l'ypes: Chrysotile 66, terial: Cellulose 30 %			
73	Location: Insulati	213102632-45 on Paper Debris A14	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos 1		neous, Fibrous, Bulk Material , Non-fibrous 1 %		511 151 151

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Client No	. / HGA Lab No.	Asbestos Present	Total % Asbestos
74A	213102632-46 Location: Chase Floor Debris- @ Chase Wall A1		NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
Asbe	Description: Grey, Homogeneous, Non-Fibrous, Cementitionstos Types: ner Material: Cellulose Trace, Non-fibrous 100 %	us, Bulk Material	
74B	213102632-47		NA
	Location: Chase Floor -1' Out A14		
Asbe	Description: Bulk Material actos Types: ner Material:		
74C	213102632-48 Location: Chase Floor-2' Out A14		NA
Asbe	Description: Bulk Material stos Types: er Material:		
75	213102632-49 Location: Insulation Debris On Chase Floor A16	Yes	50 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	Description: Grey, Homogeneous, Fibrous, Bulk Material stos Types: Chrysotile 50.0 % er Material: Cellulose 45 %, Non-fibrous 5 %		3.13.13
76	213102632-50 Location: Insulation Debris On Chase Floor A16	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	Description: Grey, Homogeneous, Fibrous, Bulk Material stos Types: er Material: Cellulose 99 %, Non-fibrous 1 %		511 13/13/15
77A	213102632-51 Location: Chase Debris @ Chase Wall A16	No	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
Asbe	Description: Grey, Hornogeneous, Non-Fibrous, Cementition stos Types: er Material: Cellulose Trace, Non-fibrous 100 %	us, Bulk Material	01 10 10 10

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Client No. / HGA Lab No. Asbestos Present **Total % Asbestos** 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 Location: Insulation Debris On Chase Floor A18 (by NYS ELAP 198.1) by David W. Roderick on 10/15/13 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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Client No. / HG	A	Lab No.	Asbestos Present	Total % Asbestos
80 213102632-58 Location: Floor Debris In Chase B1		No .	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13	
Asbestos Ty		eous, Fibrous, Bulk Material Non-fibrous 1 %		01110/10/13
81A	Location: Floor De	213102632-59 abris @ Chase Wall B1	ne Vi	NA
Analyst Descrip Asbestos Ty Other Mate				
81B	Location: Floor De	213102632-60 obris @ 1' Out B1		NA
Analyst Descrip Asbestos Ty Other Mate				
81C	Location: Floor De	213102632-61 bris @ 2' Out B1		NA
Analyst Descript Asbestos Ty Other Mate				
82	Location: Floor De	213102632-62 bris In Chase B15	Yes	66.7 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Ty	tion: Grey, Homogen pes: Chrysotile 66.7 rial: Cellulose 30 %,			
83A	Location: Floor De	213102632-63 bris- @ Chase Wall B15	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Ty		eous, Non-Fibrous, Cementitio	us, Bulk Material	

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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
83B Location: Fi	213102632-64 oor Debris- 2 1' Out (North) B15		NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	erial		
83C Location: Fl	213102632-65 oor Debris- @ 2' Out (North) B15	. 1	NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	rial		
84 Location: De	213102632-66 abris On Chase Floor C1	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Analyst Description: Grey, Hor Asbestos Types: Other Material: Non-fibro	nogeneous, Non-Fibrous, Cementit us 100 %	ious, Bulk Material	
85A Location: De	213102632-67 bris On @ Chase Wall C1		NA
Analyst Description: Bulk Mate Asbestos Types: Other Material:	ńal		
85B Location: Flo	213102632-68 oor Debris- 1' Out C1		NA
Analyst Description: Bulk Mate Asbestos Types; Other Material:	rial		
35C	213102632-69		NA
Location: Fig	oor Debris- 2' Out C1		
Analyst Description: Bulk Mate Asbestos Types: Other Material:	rial		

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Client No	. / HGA	Lab No.	Asbestos Present	Total % Asbestos
86A	Location: Floor	213102632-70 Debris- @ Chase Wall- South- C	No 6	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	Description: Grey, Homog estos Types: ner Material: Non-fibrous 1	eneous, Non-Fibrous, Cementitio	us, Bulk Material	01110/10/13
86B	Location: Floor	213102632-71 Debris- 1' Out C6		NA
Asbe	Description: Bulk Material estos Types: ner Material:			
86C	Location: Floor	213102632-72 Debris- 2' Out C6	***************************************	NA
Asbe	Description: Bulk Material stos Types: er Material:			
87A	Location: Floor	213102632-73 Debris @ Chase Wall- South C17	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbe	Description: Grey, Homogostos Types; er Material: Non-fibrous 9	eneous, Non-Fibrous, Cementitio	us, Bulk Material	
87B	Location: Floor	213102632-74 Debris @ 1 Out C17		NA
Asbe	Description: Bulk Material stos Types; er Material;			
87C	Location: Floor I	213102632-75 Debris @ 2' Out C17		NA
Asbe	Description: Bulk Material stos Types: er Material:			

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Engineering Services Unit Client No. / HGA Asbestos Present Lab No. **Total % Asbestos** 88 213102632-76 No NAD Location: Bulk Debris (Floor)- In Chase D3 (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 % 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 % Location: Insulation Paper Debris In Chase D6 (by NYS ELAP 198.1) by David W. Roderick on 10/15/13 Analyst Description: OffWhite, Homogeneous, Fibrous, Bulk Material Asbestos Types: Chrysotile 40.0 % Other Material: Cellulose 55 %, Non-fibrous 5 % 91A NAD 213102632-81 No Location: Floor Debris @ Chase Wall- East D6 (by NYS ELAP 198.1) by David W. Roderick on 10/15/13

Asbestos Types:

Other Material: Non-fibrous 100 %

Analyst Description: Grey, Homogeneous, Non-Fibrous, Cementiflous, Bulk Material

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Engineering Services Unit Client No. / HGA **Total % Asbestos** Lab No. Asbestos Present 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 Location: Floor Debris @ Chase Wall- North D6 (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 % 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 Location: Debris In Chase D10 (by NYS ELAP 198.1) by David W. Roderick on 10/15/13

Analyst Description: Brown, Homogeneous, Fibrous, Bulk Material

Asbestos Types:

Other Material: Cellulose 99 %, Non-fibrous 1 %

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	A Lab No.	Asbestos Present	Total % Asbestos
94A	213102632-88 Location: Floor Debris @ Chase Wall D10		NA
Analyst Descript Asbestos Tyl Other Mate	pes:		
94B	213102632-89 Location: Floor Debris @ 1' Out D10		NA
Analyst Descripti Asbestos Tyr Other Mater	pes:		
94C	213102632-90 Location: Floor Debris 2' Out D10		NA
Analyst Descripti			
Other Mater			
Other Mater		Yes	25 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Other Mater 95 Analyst Descripti Asbestos Typ	1al: 213102632-91		(by NYS ELAP 198.1) by David W. Roderick
Other Mater 95 Analyst Descripti Asbestos Typ Other Mater	213102632-91 Location: Debris In Chase D11 on: Brown/Grey, Heterogeneous, Fibrous, Bulk I		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13 NAD (by NYS ELAP 198.1) by David W. Roderick
Other Mater 95 Analyst Descripti Asbestos Typ Other Mater 96A Analyst Descripti Asbestos Typ	213102632-91 Location: Debris In Chase D11 on: Brown/Grey, Heterogeneous, Fibrous, Bulk Interpretation on the control of the	Material No	(by NYS ELAP 198.1) by David W. Roderick on 10/15/13 NAD (by NYS ELAP 198.1)

Other Material:

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Client No. / HGA Lab No. **Asbestos Present Total % Asbestos** 96C 213102632-94 NA Location: Floor Debris @ 2' Out D11 Analyst Description: Bulk Material **Asbestos Types:** Other Material: 97A 213102632-95 Yes 17.4 % 1 Location: Floor Debris- @ Chase Wall D12 (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 No NAD Location: Floor Debris- 1' Out D12 (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 NA Location: Floor Debris- 2' Out D12 Analyst Description: Bulk Material Asbestos Types: Other Material: 98 213102632-98 Yes 57.1 % Location: Insulation Debris D15 (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 No NAD Location: Floor Debris @ Chase Wall D15 (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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Asbestos Present New Yorkosalt & Asbestos Client No. / HGA Lab No. Engineering Services Unit 99B 213102632-100 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 % Location: Insulation Debris In Chase D20 (by NYS ELAP 198.1) by David W. Roderick on 10/15/13 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 Location: Floor Debris- @ Chase Wall D20 (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 % 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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				Engineering Services Uni
Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
102	Location: Debris In	213102632-106 chase D17	Yes	66.7 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbesto	cription: Grey, Homogene s Types: Chrysotile 66.7 Material: Cellulose 30 %,			Sh 10/13/13
103A	Location: Debris In	213102632-107 @ Chase Wall D17	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbesto		ous, Non-Fibrous, Cementiti %	ious, Bulk Material	
103B	Location: Debris In-	213102632-108 1' Out D17		NA
Asbesto	cription: Bulk Material s Types: Material:			
103C	Location: Debris- 2	213102632-109 Out D17		NA
Asbesto	cription: Bulk Material s Types: Material:			
104	Location: Debris In	213102632-110 Chase F3	Yes	14.8 % (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbesto	cription: Brown, Homogen Types: Chrysotile 14.8 % Naterial: Cellulose 80 %,			3.13.13
105A	Location: Debris-@		No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbesto	[1] 그렇는 [1] 24(1) [2] [2] [2] [2] [2] [2] [2] [2] [2] [2]	ous, Non-Fibrous, Cementiti %, Vermiculite 4.5 %	ous, Buik Material	

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Client No. / F	IGA Lab No.	Asbestos Present	Total % Asbestos
105B	213102632-112 Location: Debris-@ 1'Out F3		NA
Analyst Desc Asbestos Other M			
105C	213102632-113		NA
	Location: Debris @ 2' Out F3		
Analyst Desc Asbestos Other M			
106	213102632-114 Location: Debris in Chase F6	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos	ription: Brown, Homogeneous, Fibrous, Bulk Materia Types: aterial: Cellulose 99 %, Non-fibrous 1 %	al	011 10/10/10
107A	213102632-115		NA
	Location: Debris- @ Chase Wall F6	7	
Analyst Desci Asbestos Other M			
107B	213102632-116		NA
	Location: Debris-@ 1' Out F6		
Analyst Descr Asbestos Other Ma			- 4 T
107C	213102632-117		NA
	Location: Debris @ 2' Out F6		
Analyst Descr Asbestos Other Ma			

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Client No.	/ HGA	Lab No.	Asbestos Present	Total % Asbestos
108A	Location: Flo	213102632-118 or Debris- @ Chase Wall F17	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asber	escription: Grey, Hom stos Types: er Material: Non-fibrou	ogeneous, Non-Fibrous, Cementi s 100 %	tious, Bulk Material	0110/13/13
108B		213102632-119		NA
	Location: Flo	or Debris @ 1' Out F17		
Asbes	escription: Bulk Mater stos Types: or Material:	ial		
108C		213102632-120		NA
	Location: Flo	or Debris- @ 2' Out F17		
Asbes	escription: Bulk Mater stos Types: or Material:	ial		go el como go
109	Location: Bull	213102632-121 k Debris In Chase H3	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbes	escription: Grey, Hometos Types: er Material: Non-fibrous	ogeneous, Non-Fibrous, Cementit s 100 %	ious, Bulk Material	
110	Location: Bull	213102632-122 c Debris In Chase H3	No	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
Asbes	tos Types:	n/White, Heterogeneous, Non-Fibraries, Cellulose 1 %, Non-fibraries		
111A	Location: Flor	213102632-123 or Debris- @ Chase Wall H3	No	NAD (by NYS ELAP 198.1) by Karol H. Lu on 10/15/13
Asbes	tos Types:	ogeneous, Non-Fibrous, Bulk Mat race, Non-fibrous 91 %, Vermica		174 178 77 5 7

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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 Location: Floor Debris In Chase H5 (by NYS ELAP 198.6) by David W. Roderick on 10/15/13 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	Engineering Services Total % Asbestos
		213102632-130 ris In Chase H6	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos Types:		ous, Non-Fibrous, Cementit Non-fibrous 100 %	tious, Bulk Material	
115	on: Floor Debi	213102632-131 is @ Chase Wall H6	No	NAD (by NYS ELAP 198.1)
LOCALI	on. Floor Debi	is @ Chase Wall No		by David W. Roderick on 10/15/13
Analyst Description: Gre Asbestos Types: Other Material: No		ous, Non-Fibrous, Cementit	ious, Bulk Material	on to to to
116 Location	on: Floor Debr	213102632-132 is- In Chase H17	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Analyst Description: Gre Asbestos Types: Other Material: No		us, Non-Fibrous, Cementit	ious, Bulk Material	37 13 13 13
117		213102632-133	No	NAD (S.A.P. 400.4)
Location	on: Floor Debi	is- In Chase H17		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Analyst Description: Gre Asbestos Types: Other Material: Cel		us, Non-Fibrous, Cementit Non-fibrous 100 %	ious, Bulk Material	di 10/13/13
118		213102632-134	No	NAD
Location	on: Floor Debr	is In Chase H19		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Analyst Description: Bro Asbestos Types:	own, Homogene	ous, Fibrous, Bulk Materia	C.	011 10/13/13
Other Material: Cel	Ilulose 99 %, N	lon-fibrous 1 %		
119A Locatio	on: Floor Debr	213102632-135 is- @ Chase Wall H19	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Analyst Description: Gre Asbestos Types: Other Material: Nor		us, Non-Fibrous, Cementit	lous, Bulk Material	0110/10/10

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Client No. / HO	GA Lab No.	Asbestos Present	Total % Asbestos
119B	213102632-136		NA
	Location: Floor Debris- 1' Out H19		
Analyst Descrip Asbestos T Other Mat			
119C	213102632-137		NA
	Location: Floor Debris- 2' Out H19		
Analyst Descrip Asbestos T Other Mat	STATE OF THE STATE		
120	213102632-138 Location: Floor Debris In Chase H20	No	NAD (by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos T	ption: Brown, Homogeneous, Fibrous, Bulk Ma 'ypes: terial: Fibrous glass 50 %, Non-fibrous 50 %	terial	on tortorio
121	213102632-139	No	NAD
	Location: Floor Debris In Chase H2O		(by NYS ELAP 198.1) by David W. Roderick on 10/15/13
Asbestos T	otion: Grey, Homogeneous, Non-Fibrous, Cem ypes: terial: Non-fibrous 100 %	entitious, Bulk Material	GI IOTO TO
122A	213102632-140	No	NAD
	Location: Floor Debris- @ Room 252 Three	shold H2O	(by NYS ELAP 198.1) by David W. Roderick
Asbestos T	otion: Grey, Homogeneous, Non-Fibrous, Cem ypes: lerial: Non-fibrous 100 %	entitious, Bulk Material	on 10/15/13
122B	213102632-141		NA
	Location: Floor Debris- 1' Out		
Analyst Descrip Asbestos T Other Mat			

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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 N Asbestos Types: Other Material:	Material .		
123A Location:	213102632-143 Floor Debris @ Rm 253 Threshold	No	NAD (by NYS ELAP 198.1) by David W. Roderick
Analyst Description: Grey, Asbestos Types: Other Material: Non-fil	Homogeneous, Non-Fibrous, Cementiti brous 100 %	ious, Bulk Material	on 10/15/13
123B	213102632-144		NA
Location:	Floor Debris- 1' Out		
Analyst Description: Bulk M Asbestos Types: Other Material:	faterial		
123C	213102632-145		NA
Location:	Floor Debris- 2' Out		
Analyst Description: Bulk M Asbestos Types: Other Material:	laterial		
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ENVIRONMENTAL CONSULTANTS unyse.net

April 14, 2014

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

APR 1 5 2014

Asbestos Variance Application – Re-Opening New York State Dept. of Labor Site Specific Variance File No.13-1035 Engineering Services Unit

Site Specific Variance File No. 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 1 5 2014

New York State Dept. of Labor Engineering Services Unit

John Glavin Project Designer Jig/AJM file: Hamman Bidg. 1/1A

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

1-2 14

Narrative:

The basement has an interior cinder block wall running along the exterior wall of the building, (468x60x10). 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 weste and debris associated with this mechanical demolition will be loaded into 20 vard 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;
 - All surfaces shall be pressure washed.
 - 2. All grease fittings will be loaded to push any contaminated grease within,
 - Remove and replace air filters.

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APR 1 5 2014

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Kage 2 of 4

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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APR 1 5 2014

New York State Dept. of Labor Engineering Services Unit

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APR 1 5 2014

New York State Dept. of Labor Engineering Services Unit

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Ty is for it

January 01, 2014

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

ENVIRONMENTAL CONSULTANTS unyse.net

APPROVED

Re:

Asbestos Variance Application – Re-Opening Site Specific Variance File No.13-1035 Harriman State Office Campus Building 1/1A JAN 06 2014

New York State Dept. of Labor Engineering Services Unit

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 Jig/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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JAN 06 2014

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 6-11.6 (a) (f). The first step will be the removal of the stone/brick from the interior to release the
- 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
- 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.

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

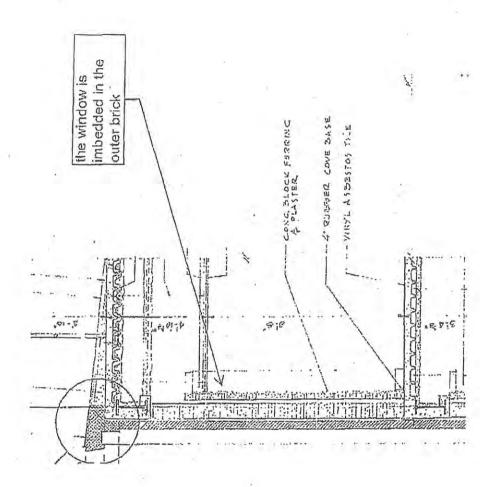
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346 austin street, buffelo, new york 14207 716 833 2929 fax 716 833 9292 New York State Dept. of Labor Engineering Services Unit

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APPROVED

JAN 06 2014

New York State Dept. of Labor Engineering Services Unit

PAGE 85/87

01/02/2014 16:44 716833929



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.

Sinceraly,

Scott A. L. Gamache

General Manager

APPROVED

JAN 0 6 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

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ANDREW M. CUOMO

STATE OF NEW YORK EXECUTIVE DEPARTMENT OFFICE OF GENERAL SERVICES

ROANN M. DESTITO

MAYOR ERASTUS CORNING 2ND TOWER
THE GOVERNOR NELSON A. ROCKEPELLER EMPIRE STATE PLAZA
ALBANY, NEW YORK 12242

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.: 44845-C

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

APPROVED

JAN 06 2014

New York State Dept. of Labor Engineering Services Unit

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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-ProjectANY/K3U30E3UBuilding LA/Corner/Luter Relating Variance to Treadum_09-12-13.dec

APPROVED

JAN 06 2014

New York State Dept. of Labor

"Satisfying Our Clients with | III Winners Circle, P.O. Box 5269. Albany Will Screen Unit

Dedicated People Committed to Total Quality" | T 518.453.4500 • F 518.458.1735 • www.chacompanies.com

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ABB

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01/05/501¢ 16:4¢

ATTACHMENT B AIR SAMPLE ANALYSIS REPORTS WITH CHAIN OF CUSTODY DOCUMENTATION



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

12206

Report Date:

Turn Around Time: <24 Hours(Rush)

Sampled By

Client

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Date Collected: 10/1/2013

Date Received: 10/2/2013

Date Analyzed: 10/2/2013

10/8/2013

QC Checked By: Megan LaBarge 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 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/cc = Fibers per Cubic Centimeter TWA=Time Weighted Average

F/mm2 = Fibers per Millimeter Squared 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**

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

PROJECT INFORMATION

NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA

CHAIN OF CUSTODY FORM AND

5 TURNAROUND TIME Page

Other 24 hour Rush

4c: Rotameter calibration: Number AECC Soly 4d: Calibration Date 9-23-13 □ Manufacturer 4b. Rotameter Gilibrator Drycal f. DOSHA g. a Environmental h. a Ambient i. a Other 4a. Air Sampler: Brian Coulombe Coslombe Cleaning e. Esthase IIC -Clearance d. □Phase IIC -4. Project Monitor Brian 9. Type: a. □Phase IB b. □Phase IIA c. □Phase IIB 8. TEM (0.45 micron MCE) Cassette/Filter Manufacturer Canpus Lot# 7. A PCM (0.8 micron MCE)
Cassette/Filter EmS
Manufacturer
Lot # 20/2 1029 NYSOLS 3. Project Name: Building 3a. Project Address: 6. Abatement Location: 15+ FL (2022el 1. Client NYSOLS 2. Project Number 130905 AD 10-1-13 5. Date

10. Sample	11. Lab	12. San	12. Sample Location		13. Time (24 hour clock)	13. Time (24 hour clock)		14. Flow Rai	14. Flow Rate (liters/ minute)	ite)	15. Total	16. # fibers/	17. Fiber
I.D. Number	Sample	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	concentration (f/cc)
100	417718	>	5	Field Blank	>		5	5	>	1		05 2.50	
200	SLLIB	<	X	Field Blank	<	×	<	ĸ	(X	X	8.0	
003	RITIE	×		Tent # 5 - Ing. Conter	1430	1630	120	0	10	01	1200 ,225	,225 26.8	600.0
1000	SITTS		X	7	1433 1634	1634	121		01	-	0121	129 15 0121	0.020
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200	9179	×		Test 12 - Ing. Cuts	1450	1650	120		0 1		1200	1200 143 SZY	TI0.0
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CHAIN OF CUSTODY

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22. Time

25. Time 24. Date ac# 8/77/5 Std: 0,898 P.175-137, 8/780-34.7 c. Lab Batch #: | STO- 1706 165/DINGS a. Analyzed By: 23. Lab Name b. QC by:

26. Project Manager:

27. Results To: Dryen Cleary Phone #'s:

28. Drawing; ☑See drawing for this shift.
☐ See drawing dated:

29: Comments:



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

Date Collected: 10/2/2013

Date Received: 10/2/2013

Albany

NY 12206

Date Analyzed: Report Date: 10/8/2013

10/2/2013

QC Checked By: Justin Adams

Client

Date of Q.C Check: 10/7/2013

Sampled By

Client Project #: 130905AD

Turn Around Time: <24 Hours(Rush)

Phase of Sampling: Other

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/111m2. 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



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 - 8910

Abatement Address:

Work Area: Assessment 2nd/3rd Fl

Client: Ambient Environmental Inc.

12 Colvin Avenue

Albany

Date Collected: 10/2/2013

Date Received: '10/2/2013

12206

Date Analyzed: Report Date: 10/8/2013

10/2/2013

QC Checked By: Justin Adams

Date of QC Check: 10/7/2013

Client Project #: 130905AD

Turn Around Time: <24 Hours(Rush)

Sampled By Client

Phase of Sampling: Other

Sample Number	Client Sample #	Sample Location		Volume(L)	LOD	F/mm2	F/cc
81809	11	Field Blank	,s			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.

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**= >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

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CHAIN OF CUSTODY FORM

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TURNAROUND TIME Other □ 24 hour

PROJECT INFORMATION

NYS/NJS Certified WBE & SBA EDWOSB

1. Client	1. Client NYS OFS	S		oject Nam	3. Project Name: Building		4	4. Project Monitor		Brian Coulombe	samo		4b. Rotameter	FC Sol
2. Project Nun	2. Project Number 130905 AD	SAD		3a. Project Address:		Campus	4a	4a. Air Sampler:		Brian Coulombe	lombe		4c: Rotameter c	4c: Rotameter calibration:
5. Date [0-2-13	6. Abatement Location: ASSaSSmant	It Location	ë		7.2. PCM (0.8 micron MCE) Cassette/Filter Manufacturer CM S Lot # 2012 1629	8. TEM (0.4¢ Cassette/Filter Manufacturer Lot #	8. TTEM (0.45 micron MCE) Cassette/Filter Manufacturer Lot #	9. Type: a. □Phase IB b. □Phase IIA c. □Phase IIB	The second second	d. □Phase IIC - Cleaning e. □Phase IIC - Clearance	f. COSHA g. c Environmental h. c Ambient i. x Other A 55-25	f. DOSHA g. = Environmental h. = Ambient	-	on Date
DAILY AIR SAMPLE RECORD	SAMPLE RE	CORD	SH	SHIFT HOURS	076° to	1700 (24	(24 hour clock)							2
10. Sample	11. Lab	12. San	12. Sample Location	tion		13. Time (2	13. Time (24 hour clock)		14. Flow F	14. Flow Rate (liters/ minute)	ute)	15. Total	16. # fibers/	17. Fiber
I.D. Number	Sample	12a. IWA	12b. OWA	12c. Sar	12c. Sample Coordinates	13a. Start	:3b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	concentration (f/cc)
100	81799			Field Blank	ank	>	د	,	7	5	5	(000	
700	81800		Transmiss.	Field Blank	ank	<	×	X	k	<	<	×	0/00 000	
500	10818			13+61	154FL- 142 Area	1230	00/21	90	01	01	01	000	140	0.000
400	20818				- 138 Area	1231	1-51		-	10	-	-	1/20 217	0.009
005	81803				· 134 Area	1232	7081			LO			12/10 IK3	0.007
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010	80818			پ	" outside Storage 33	1306	1436	→	- >	0/	->	->	201 00//8	

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the Description	2000	OC# 8 800	0C# % 808	dC#
C. Lab Dallell #. //8//	10/11	C Pts:	Std. C Stale	Chd

26. Project Manager:

27. Results To: Bryen
Phone #'s:

28. Drawing: See drawing for this shift.

29: Comments:

NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc.

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

AIR MONTTORING DATA CHAIN OF CUSTODY FORM AND

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TURNAROUND TIME

Other □ 24 hour Rush

1. Client NYS O GS	NYSOFS	× ×	3. Pro	3. Project Name:	Building 1		4	4. Project Monitor		rian	Brian Coulorba	4	4b. Rotamet Number	4b. Rotameter Number AECC GO
2. Project Number	0905 A	AD	3a. P	3a. Project Address:	550	Campus		4a. Air Sampler:		Brian	Colombe	م	4c: Rotameter c	4c: Rotameter calibration:
5. Date 0-2-13	6. Abatement	Location	12 /W	747	5. Date 6. Abatement Location: 7. PCM (0.8 micron MCE) 8 Gassette/Filter CMS Manufacturer CMS Nanufacturer C	8. ☐ TEM (0.45 micron MCE) Cassette/Filter Manufacturer Lot #	micron MCE)	9. Type: a. □Phase IB b. □Phase IIA c. □Phase IIB	80 80	d. □Phase IIC - Cleaning e. □Phase IIC - Clearance	f. DOSHA g. a Environmental h. a Ambient	MSesson	□ Gilibrator □ Drycal 4d: Calibration Date	ibrator real alibration Date
DAILY AIR SAMPLE RECORD	SAMPLE RE	CORD	SHII	SHIFT HOURS	to /	700 (24	(24 hour clock)							
10. Sample	11. Lab	12. Sam	12. Sample Location	ion		13. Time (24 hour clock)	hour clock)		14. Flow Ra	14. Flow Rate (liters/ minute)	iute)	15. Total	16. # fibers/	17. Fiber
I.D. Number	Sample	12a. IWA	12b. OWA	12c. Sampl	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	concentration (f/cc)
<u> </u>	8809			Field Blank									/100 O.W	
210	0/8/8			Field Blank					46	1 3			1100/127	
0(3	1/3/8			2nd FL-	2976-95 Mach RM 252	5th 752	1615	90	10	10	ó	000	7/co 8.28	6.004
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015	81113			10 -	- 0/s Stair #3	6441	6191		,	0/			19/100 12.1	0.005
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310	8/107			1	Ara 322	1459	16231			6/			1.17 W/W	-
070	81818			70-0	1-0/5 Mach Rm 338	1500	1630	->	>	0/	3	2	8/100 9.55	4000
CHAIN OF CUSTODY	USTODY								LAB INF	LAB INFORMATION	Z			☐-Drop Box

17. Relinquished By =

Pickup

26. Project Manager:

28. Drawing: See drawing for this shift.

☐ See drawing dated: 27. Results To: Bryon Cleary
Phone #'s:

outside 11 29: Comments: 5/0

6. ac by: 971810-2 c. Lab Batch #: /

a. Analyzed By: 23. Lab Name

22. Time

21. Date

20. Received By:

1710 19. Time

10-2-13 18. Date

25. Time

24. Date

Std:



NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopu

Project Name: Building 1/1A

Laboratory Batch Number

1585 - 9020

Abatement Address:

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

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: 10/18/2013 *Date Received:* 10/21/2013 Date Analyzed: Report Date:

10/21/2013 10/22/2013 QC Checked By: Megan LaBarge 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	Ļ		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 t/mm = .166, 25.6->63.7 t/mm=.160, 63.8->127.4 t/mm=.163, >127.5 t/mm=.190 Not Asbestos Specific. Laboratory results limited to F/111m2. 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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TWA=Time Weighted Average Comments:

Analyst,

Justin Adams

Laboratory Director, Justin Adams

NYS/NJS Certified WBE

& SBA EDWOSB

Ambient Environmental, Inc.

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

AIR MONITORING DATA

CHAIN OF CUSTODY FORM AND

of

TURNAROUND TIME

Other 24 hour

concentration 4c: Rotameter calibration: 810.0 17. Fiber (£/cc) W Drycal 4d: Calibration Date Number AC 3 □ Manufacturer □ Gilibrator -20g-4b. Rotameter (P) 00 02-12.50 54.9 16. # fibers/ fields minus blanks 5 00 2007 15. Total Air Volume (liters) g.

Environmental h. a Ambient 16.02 10.03 14c. Average i. a Other Flow Rate (liters/ minute) 14b. End e Phase IIC -Clearance 100 th □Phase IIC Cleaning Start 10.02 Results are Interim Pending Quality Control Review** 14a 9. Type: a. □Phase IB b. □Phase IIA c. □Phase IIB 0.10 4 4a. Air Sampler: 120 13c. Total (24 hour clock) 8. TEM (0.45 micron MCE) グング End 13. Time (24 hour clock) 13b. Manufacturer Lot # Cassette/Filter 12:10 13a. Start 10.5 h . S. PCM (0.8 microh MCE) 2 Cassette/Filter Manufacturer +6 12c. Sample Coordinates Feat#10. Lot # 3a. Project Address: SHIFT HOURS Field Blank Field Blank 3. Project Name: 10-18-13 Tents#10,11,12,0nd 12. Sample Location 12b. OWA 6. Abatement Location: DAILY AIR SAMPLE RECORD 12a. IWA X PROJECT INFORMATION AD 11. Lab Sample Number 82002 82901 1875 30905 2. Project Number 10. Sample I.D. Number le 1. Client

CHAIN OF CUSTODY

Pickup

22. Time 9160 21. Date 10/2 Repeived By 20 19. Time 0-18-1 18. Date 17. Relinquished By:

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e RESPONSE		
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23. Lab N

AB INFORMATION

25. Time 570

24. Date

11917

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Std: 23 2550 10/51 OC# \$7.90K OC# d FORTING D. OC BY: 82905 - 3/2, 62910-25 c. Lab Batch #: \ 585 - 462b

26. Project Manager:

=

Phone #'s:

27. Results To:

29: Comments:



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

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 Received:

10/21/2013

Date Analyzed:

Report Date:

10/21/2013 10/22/2013 QC Checked By: Justin Adams

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		Yelada Loobaaa	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	1292	0.002	33.1	0.011
82985		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
				The transfer of the Manager Allendary	Contraction of the Contraction o	~

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/111m2. 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/cc = Fibers per Cubic Centimeter TWA=Time Weighted Average

F/mm2 = Fibers per Millimeter Squared 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**

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

CHAIN OF CUSTODY FORM

AND

**Results are Interim Pending Quality Control Review MONITORING DATA

TURNAROUND TIME

of

Other

□ 24 hour

PROJECT INFORMATION

NYS/NJS Certified WBE & SBA EDWOSB

1. Client	5		3. Pr	3. Project Name:	9:		4	4. Project Monitor	0	4			4b. Rotameter	200
2. Project Num	2. Project Number	0	3a. P	3a. Project Address	cross Ave Albert	40.10	*	4a. Air Sampler:	000	4			4c: Rotameter c	4c: Rotameter calibration:
5. Date 10-21-13	6. Abatement Location:	Location	2		7. X PCM (0.8 midron MCE) Cassette/Filter Manufacturer Lot #	9: [] TEM (0.45 micron MCE) Cassette/Filter Manufacturer Lot #	5 micron MCE	a. OPhase IB b. OPhase IIB c. OPhase IIB	-	d. □Phase IIC - Cleaning e. ŒPhase IIC - Clearance	f. DOSHA g. a Environmental h. a Ambient i. n Other	nmental	Gliibrator K Drycal 4d: Calibration Date	on Date
DAILY AIR S	DAILY AIR SAMPLE RECORD	CORD	SHI	SHIFT HOURS	RS to	(24	24 hour clock)	-					0 42-	7
10. Sample	11. Lab	12. Sam	12. Sample Location	tion		13. Time (24	13. Time (24 hour clock)		14. Flow Ra	14. Flow Rate (liters/ minute)	rte)	15 Total	16 # fibers/	17 Fihar
I.D. Number	Sample	12a. IWA.	12b. OWA	12c. Sarr	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Volume	fields minus blanks	concentration (f/cc)
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CHAIN OF CUSTODY	USTODY								LAB INFO	LAB INFORMATION	7			-Drop Box

20. Received By: 19. Time C-21-13 18. Date CHAIN OF COSTODY 17. Refinquished By: Pickup

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

26. Project Manager:

=

29: Comments:

25. Time

24. Date

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10/27 | 46 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 10/27 | 1

c. Lab Batch #: /(86-9028

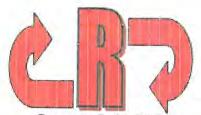
b. ac by: 82980 - 127

a. Analyzed By:

23. Lab Name

22. Time

21. Date



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

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 Received: 10/23/2013

Date Analyzed: 10/23/2013

Report Date:

10/28/2013

QC Checked By: Megan LaBarge 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/nim2. 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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*= High Particulate Matter, Results Probably Biased **= >50% Particulate Matter, Sample Overloaded

*** Sample Filter Damaged

Comments:

Analyst,

Justin Adams

Laboratory Director, **Justin Adams**



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

12206

Date Collected: 10/22/2013

Date Received: 10/23/2013

Report Date:

Date Analyzed: 10/23/2013

10/28/2013

Client Project #: 130905AD

Turn Around Time: <24 Hours(Rush)

Phase of Sampling: Finals-IIC

Sampled By David Foote

QC Checked By: Megan LaBarge 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.

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*** Sample Filter Damaged

Comments:

Analyst, Justin Adams

Laboratory Director, **Justin Adams**

Page 2 of 2

NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc.

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

AIR MONITORING DATA

CHAIN OF CUSTODY FORM AND

Results are Interim Pending Owality Control Review

TURNAROUND TIME

10

of

Other □ 24 hour

Std: 4.9 x0 25. Time OHO concentration 8000 900.0 Number AC 26. 0.018 0.00 B 0,006 17. Fiber 700.0 A Drycal 4d: Calibration Date ☐-Drop Box □ Manufacturer □ Gilibrator Std: L.172 24. Date 10/22 4b. Rotameter 56.2 71.2 27.5 25.0 16. # fibers/ fields minus 26 32.5 8000 155 (1.4 000 00 blanks 6. Lab Batch # 1585 - 4036 Std. 2404 Std. 2003 .20 1917 15. Total Volume 133 (liters) 10.02 10.03 10.00 1332. 10,002 10.02 10.03 1732. 10.02 10.02 10.02 1332 0.02 10.02 10.031332, Air 10,0310,0310,0317W g. a Environmental NITIN ADAMS 29: Comments: 10,02 10,02 f. DOSHA i. a Other 14c. Average Foote 14. Flow Rate (liters/ minute) LAB INFORMATION 23. Lab Name Konnyse Cleaning e, Cir hase IIC -Clearance d. | Phase IIC -14b. End a. Analyzed By: 28. Drawing: ☐See drawing for this shift.

⊠See drawing dated: ☑ 18 - 1 10,03 14a. Start 2010 121 SI C a. □Phase IB b. □Phase IIA c. □Phase IIB 4. Project Monitor 4a. Air Sampler: 9. Type: 13c. Total NN 2 2 ~ 852 22. Time 5/30 (24 hour clock) TEM (0.45 micron MCE) 12:24 12,33 12/25 12:19 3 End P. 19 13. Time (24 hour clock) 124 0/23 (8) 21. Date 13b. Cassette/Filter Manufacturer Lot # 10:05 80.0 0:09 10.12 0:11 13a. Start 2010 2 h 27. Results To: results@ambient-env.com re 2 Est#18,0+ FRO 1 20. Received By 7 PCM (0.8 micron Cassette/Filter DITIO 12c. Sample Coordinates Manufacturer 000 14/8 Lot # 3a. Project Address; 19. Time SHIFT HOURS 15% Field Blank Field Blank 3. Project Name: Mahra 100 10-23-13 12. Sample Location 18. Date 12b. 6. Abatement Location: F1805 DAILY AIR SAMPLE RECORD 12a. アンクグ PROJECT INFORMATION 11. Lab Sample 930KB 83059 CHAIN OF CUSTODY Number 93052 83054 33988 9367 83058 8383 17. Relinquished By 26. Project Manager 2. Project Number 10. Sample I.D. Number J 5 $\overline{\alpha}$ 0 1. Client 5. Date Pickup Ξ

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

NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA

AND CHAIN OF CUSTODY FORM

of 2 TURNAROUND TIME

Rush

Other □ 24 hour

Columbia Columbia	90	n		3. Pro	3. Project Name:			4	4. Project Monitor	nitor		4		4b. Rotameter	2000
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11 ab	5. Date 0-22- 3	0	1 Cool	# C	Cassette/Filter Manufacturer Lot #		8. TTEM (0.4. Cassette/Filter Manufacturer Lot #	5 micron MCE				f. DOSHA g. a Enviror h. a Ambien	imental it	C Calibration 4d: Calibration	on Date
12 Sample Location 13 Time (24 hour clock) 14 Flow Rate (liters) minute 15 Total (15 minute) 15 minute	DAILY AIR S	AMPLE RE	CORD	SHI	FT HOURS	to	(24	hour clock	1					0,0	2
Number Sample 12a 12b 12c Sample Coordinates 13a Start 13b End 13a End	10. Sample	11. Lab	12. Sam	ple Locati	uoi		13. Time (24	hour clock)		14 Flow R	the (liters/ min	(di	15 Total	16 # 6hore/	7 7
Field Blank Field Blank	I.D. Number	Sample Number	12a. IWA	12b. OWA	12c. Sample Coordinates		13a. Start	13b. End	13c. Total	14a. Start	14b. End		Air Volume (liters)	fields minus blanks	concentration (f/cc)
Stoke Stok					Field Blank										
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18. Date 19. Time 20. Received By:	17. Relinquished By:	d By:	9	18. Date	19. Time 20. Received	By:	2	0	Time	23. Lab Na		MSK	9		te, 25. Tim

28. Drawing: ☐See drawing for this shift.

➤ See drawing dated: ○ - -

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

26. Project Manager:

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29: Comments:

Std:

Std:

Std:

c. Lab Batch #: 15/5 / (1036



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

12206

Report Date:

Date Analyzed: 10/23/2013

10/28/2013

Client Project #: 130905AD

Phase of Sampling: During-IIB

Turn Around Time: 24 Hours

Sampled By David Foote

Date Collected: 10/22/2013 Date Received: 10/23/2013

QC Checked By: Justin Adams 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 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/cc = Fibers per Cubic Centimeter TWA=Time Weighted Average

F/mm2 = Fibers per Millimeter Squared N/A= Not Analyzed, Sample did not meet the Laboratory's Samule 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

NYS/NJS Certified WBE & SBA EDWOSB

PROJECT INFORMATION

Ambient Environmental, Inc. comprehensive Building Science Solutions

12 Colvin Ave. Albany, NY 12206 PH: 518-482-0704 I FX: 518-482-0750

AIR MONITORING DATA AND CHAIN OI

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Page	TURNAROUND
- 1	

□ Rush

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	CUSTODY FORM	

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2. Project Number	0750		3a. Pro	3a. Project Addres	to An All	10	>	4a. Alf Sampler:	200	1			4c: Rotameter c	4c: Rotameter calibration:
9	6. Abatement Location:	Location:		100	7/ N-PCM (0.8 micron MCE) Cassette/Filter	8. [7] TEM (0.4) Cassette/Filter	TEM (0.45 micron MCE)	80 6	d. □Phase IIC	ase IIC -	f. DOSHA	atue	□ Gilibrator	
10-22-13	15Theor, Areadhas	J'JOS	head		Manufacturer Lot #	Manufacturer Lot #		b. OPhase IIA		se IIC -	h. a Ambient	**	4d: Calibration Date	ion Date
DAILY AIR SAMPLE RECORD	WPLE REC	CORD	SHIF	SHIFT HOURS	to	(24	(24 hour clock)	K)						
10. Sample	11. Lab	12. Samp	12. Sample Location	ç		13. Time (24	13. Time (24 hour clock)		14. Flow Rate (liters/ minute)	liters/ minut	(e)	15. Total	16. # fibers/	17. Fiber
.D. Number	Number	12a. IWA	12b. OWA	12c. Sample	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (lifers)	fields minus blanks	concentration (f/cc)
	9306)			Field Blank									000	
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r	83069		X	Arc. R3	3. Oc. 62)	7:10	15:13	483	5.02 5.02 5.03	0.0	503	2419 BUMP 25	Sto Willy	0.01
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80	43074		1	Jaca -	1, Critice 1 #2	21.15	15:17	487	482 6.03 5	Ó	2002	10.0 8.00 DATE LOS EC. 8 0.01	5/60x 08.8	0.011
0	PSOIS		W	3000	21. Exhaust	7:19	15:21	487	603	5.00	5.0.2	27/19.6	1/00 (1.37	4 0.001
0	83076		1	America	23, Exhaust	7:23	16:25	-	5,000 5,000 500 00 00 00 00 00 00 00 00 00 00 00	2000	SON	7.617.6	1/00 10.2	0.005
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17 Relinquished By:	By:	9	18. Date	19. Time	e 20. Received By:		21, Date 22	22. Time	23. Lab Name	MESYlance.	K.F.		With 24. Date	ite 25. Time
	E. S.	10		-	/ / / / / / / / / / / / / / / / / / / /		A			-	The second secon		4	

Std:

Std: 1.041

29: Comments:

28. Drawing: See drawing for this shift.

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

26. Project Manager;

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B. OC By: 83070 -344, 8475-4.

a. Analyzed By:

c. Lab Batch # 1585-9037



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

Date Collected: 10/23/2013

Date Received: 10/23/2013

12206

Date Analyzed: Report Date:

Client Project #: 130905AD Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By David Foote

10/23/2013 QC Checked By: Megan LaBarge 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->65.7 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/cc = Fibers per Cubic Centimeter

F/mm2 = Fibers per Millimeter Squared 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

TWA=Time Weighted Average Comments:

Analyst,

Justin Adams

Laboratory Director, Justin Adams

NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc. comprehensive Building Science Solutions

12 Colvin Ave. Albany, NY 12206 PH: 518-482-0704 I FX: 518-482-0750

CHAIN OF CUSTODY FORM AIR MONITORING DATA AND

TURNAROUND TIME Other □ 24 hour Rush

to

PROJECT INFORMATION

1. Client	2		3. Pro	3. Project Name:			4. P	4. Project Monitor	tor	4			4b. Rotameter	neter LC -)
0,0	t Number		3a. Pr	3a. Project Address	ress: And Albe	2///2	4a.	4a. Air Sampler:	0	+) 1		4c: Rotameter c	4c: Rotameter calibration:
5. Date	6. Abatement Location:	t Location	j:	,	7. Cassette/Filter	8. TEM (0.45 micron MCE) Cassette/Filter	micron MCE)	9. Type: a. □Phase IB	-	d. □Phase IIC - Cleaning	f. DOSHA	mental	Gilibrator Drycal	
10-23-15 HIRE A	rise ~	_			Manufacturer Lot #	Manufacturer Lot #		b. □Phase IIA c. □Phase IIB		e Phase IIC - Clearance	h. Ambient i. Other	,	4d: Calibration Date	ion Date
DAILY AIR SAMPLE RECORD	AMPLE RE	CORD	SHIF	SHIFT HOURS	RS to	(24)	(24 hour clock)							
10. Sample	11. Lab	12. Sarr	12. Sample Location	tion		13. Time (24 hour clock)	hour clock)		14. Flow Ra	14. Flow Rate (liters/ minute)	ite)	15. Total	16. # fibers/	17. Fiber
I.D. Number	Sample	12a. IWA	12b. OWA	12c. San	12c. Sample Coordinates	13a. Start	43b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	concentration (f/cc)
0	83172			Field Blank	¥								.03 3.75	
2	83123			Field Blank	nk								,01 1.25	
16	83124	+		Med	served southwest	10:34	10:34 17:50 136		10,03	10,02	10.00	10.03 10.03 1563,7 .07 6.24 6.001	10.24	700.07
(K	83125	-		Mech	exical coothwest	10,35	12151 136		16.03	10.03	136.03 10.03 1362.	362.7	105 la.h	6,003
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7	83127			Mas	Emes), esistentes 1637		12: 53 136	-	10.03	10.02	10.02 10.02 10.03 1762.7	1362,7	M-8 80.	200.0
5	82128	-		Moe	remical se		12: 51 13G	-	10.02	10.03	10.02 10.03 10.02 1362.7		PV.T 80.	0.00%
9	क्षास		X	Halle	Hallway, by stairs	10:42	10,42 10,58136		10,03	10,02	10,00	10,02/10,02/10,03/362,71.085 8:11	11.8 280	0.007
C	3883130			101	hay by extrance	10:43	12,59 136		10,03	10.02	10,02 10,02 10,02 1362,7	13627	V5.9 TO.	LO.007
2	\$3B)			المالة	xxx Hooteest grans	10:44	13:00 13G		10,03	1003	10.02 10.03 10.02 136.	N	pp.p 01.	0.00%
2	83132			1-11	ay 6 Feet Post the	April 0:45 15:01	15:01	136	10,03	10,00	10.02 10.02 10.02 1362.7		py. 30.	200.0
30	82133			I tallin	ay 6 Feet rost Med 10:46 13102	110.4G	-	36	10.00	(6,00	10.03	10.02/6,02/0.03/362,7.07 6.24	·2.9 70.	40.00Z

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23. Lab Name AESundt	fi fi	ā	7 24. Date	ate
a. Analyzed By:	NETIN	A DAMIS	(W) /	23
b. ac by: 83725-6-3-	130-	4.95	101	1
the control of the co	ch, e	0C# \$3125	QC#63130	_
Lab batch #.	1015	Std 2.091	Std: () . \$ (4)	Stc

25. Time 191

☐-Drop Box

LAB INFORMATION

o. r. oject managel.	Droiont Manager		
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28. Drawing: ☐See drawing for this shift. ☐ See drawing dated: 27. Results To: results@ambient-env.com

29: Comments:



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

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 Date Received: 10/24/2013 Report Date:

10/28/2013

QC Checked By: Justin Adams Date of QC Check: 10/25/2013

Sample Number	Client Sample #	Sample Location	Volume(L)	LOD	F/mm?	F/cc
· · · · · · · · · · · · · · · · · · ·			· · · · · · · · · · · · · · · · · · ·	202	#/ 11011142	1/11
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.

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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

NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc.

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

AIR MONITORING DATA

** Result CHAIN OF CUSTODY FORM AND

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TURNAROUND TIME

Rush

Other □ 24 hour

PROJECT INFORMATION	FORMATI	NO												
1. Client	S		3. Pr	3. Project Name:	e Cr. 2		4	4. Project Monitor	tor O	1			4b. Rotameter	ther
2. Project Number	Ser SAL	~	3a. P	3a. Project Address	stem A.c. Alban	3.1.2	49	4a. Air Sampler:		+			4c: Rotameter c	4c: Rotameter calibration:
5. Date	6. Abatement Location:	nt Location	:	, ,	7.3 PCM (0.8 micron MCE) Cassette/Filter	8. ☐ TEM (0.45 Cassette/Filter	TEM (0.45 micron MCE)	9. Type: a. □Phase IB		d. □Phase IIC - Cleaning	f. □OSHA g. □ Environmental	mental	Gilibrator	
10-x5-13 151 Moor, Hrea x)	12 120	して、この	rea o	2	Manufacturer Lot #	Manufacturer Lot #		b. □Phase IIA		e. Phase IIC - Clearance	h. a Ambient		O 2 2 1 3	nton Date
DAILY AIR SAMPLE RECORD	AMPLE RI	ECORD	SHI	SHIFT HOURS	RS to	(24	(24 hour clock)							\ \
10. Sample	11. Lab	12. San	12. Sample Location	ition		13. Time (24 hour clock)	hour clock)		14. Flow Rat	14. Flow Rate (liters/ minute)	rte)	15. Total	16. # fibers/	17 Fiber
I.D. Number	Sample	12a. IWA	12b. OWA		12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c, Average	Air Volume (liters)	fields minus blanks	8
18	15168			Field Blank	ank								13.1 mil	
22	93/82			Field Blank	ank								1100 127	
23	5783	X		Mec	Mechanical fortherst	13:20	15:29	120	10.02	10,03	10.63	10,03/10,03 1202.4	Uhr 6.37	20007
777	15/83			Moch	more Lathery	r 13:30	15:30	I A O	10.02	10,00	505 10,00 10,00 10,00 1000	12 + COC!	0.41 W/0	400.0
25	83/58			No.	rencel withrest	13;31	15.3	120	E0,01/60.01/60.01	10.03	E0,01	300,4	1/00 7.04	0.005
36	83/28			2 Sept	chance presteents	13:33	15:32	120	10.03	10.03	10.03 10.03 10.62	1202.4	Sho sio	40.002
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20	83188		X	300	Area, 3 Feet north,	13137	15:37	130	10.00	0.0	10,02/0,03	12024	15/100/17-8	0.000
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CHAIN OF CUSTODY

21. Date 20. Received By 19. Time 18. Date 17. Relinquished BY ≡

LAB INFORMATION

22. Time

☐-Drop Box

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13:41

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93162

IN TO

25. Time 24. Date QC# 83146 191 c. Lab Batch #: |585 - 9045 6. QC by: 83KC-7,49 a Analyzed By 23. Lab Name

26. Project Manager:

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

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

29: Comments:



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

Date Collected: 10/23/2013

Date Received: 10/24/2013

12206

Report Date:

Date Analyzed: 10/24/2013

QC Checked By: Justin Adams

Date of QC Check: 10/25/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By David Foote

Sample Number	Client Sample #	Sample Location	Volume(L)	LOD	F/mm2	F/cc
83134	33	Field Blaņk			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

10/28/2013

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



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

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 Received: 10/24/2013

Date Analyzed: 10/24/2013

Report Date:

10/28/2013

QC Checked By: Justin Adams

Date of QC Check: 10/25/2013

Sample Number	Client Sample #	Sample Location	Volume(L)	LOD	F/111m2	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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Comments:

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Megan LaBarge

Laboratory Director, Justin Adams

Page 2 of 2

NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc.

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

AIR MONITORING DATA

TURNAROUND TIME Other □ 24 hour

of 20

AND CHAIN OF CUSTODY FORM

PROJECT INFORMATION	Carl San of Contract	The second second	9			
1. Client	4	4.1	. Project Monitor	-		4b. Rotameter
2. Project Number	3a. Project/Address:	>		7		4c: Rotameter calibration:
5. Date 6. Abatement Location:	u MC	E) 8. TEM (0.45 micron MCE)	9. Type:	d. □Phase IIC -	f. GOSHA	□ Gilibrator
10-23-131st Floor	Manufacturer Lot #	Manufacturer Lot #		- IIC -	h. a Ambient i. a Other	4d: Calibration Date
DAILY AIR SAMPLE RECORD SHIFT HOURS	SHIFT HOURS to	(24 hour clock)				

12. Sample Location 12a. 12b. 12c. Sample Coordinates Field Blank Fi	מוססיות בר ווויס אות ברונים	1	2000	5	OI OIL OIL OIL OIL OIL OIL OIL OIL OIL O	47	(A# HOUR CHOCK)							
85/34 83/34 83/34 83/34 83/37	Ī	Lab	12. Sam	ple Locat	tion	13. Time (24	hour clock)		14. Flow Rat	14. Flow Rate (liters/ minute)	ite)	15. Total	16. # fibers/	17. Fiber
85/34 83/35 83/36 83/37 87 83/38 87 87 87 87 87 87 87 87 87 87 87 87 87		ample	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	concentration (f/cc)
63/36 85/36 85/36 85/37 86/38 87/36 87/38	~	134			Field Blank								9/10 0.00	
63136 X Tent#32, by D1S 63131 X Tent#32, by D1S 63138 X Tent#32, by D1S 63139 X Tent#32, by D2O 63139 X Tent#35, by D2O 63130 X Tent#35, by M22 63130 X Tent#30, by D6 63130 X Tent#30, by D6 63130 X Tent#30, by D6 63130 X Tent#31, ct C6	1800	38			Field Blank								0000000	
83131 X Tent#32, by D15 83138 X Tent#32, by D15 83139 X Tent#32, by D30 83130 X Tent#35, by D30 83130 X Tent#36, by D30 83130 X Tent#30, by D6 83130 X Tent#30, by D6 83130 X Tent#31, ct C6	35 831	25	×		Ten+#32,04 DIS	16:16	18:10	130	10.62	10.02	10.02	130x.4	8/100/100/	6,003
89138 X Tent#34 at D20 80139 X Tent#34 by D20 80140 X Tent#35, at A22 80140 X Tent#30, at A22 80140 X Tent#30, at O6 80140 X Tent#30, at O6 80140 X Tent#30, at O6	36 83	137		X	Tex+#32, by D15	1119	00	08	10.03	CO.	10.00	13/21	1/10 25C	10001
83190 X Ten+#34, 15 y 18190 X Ten+#35, 45 y 18190 X Ten+#35, 45 y 18190 X Ten+#36, 45 y 18190 X Ten+#30, 45 y 18190 X Ten+#31, 450, 450 y 18190 X Ten+#31, 450, 450 y 18190 X Ten+#31, 450, 450 y 18190 X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X Ten+#31, 450, 450 y 18190 X X X X Ten+#31, 450, 450 y 18190 X X X X X X X X X X X X X X X X X X X	37 83	138	×		+ 020	6:13	18:13	(36)	10.03	10.03	10.02	7,606	0.41 00/11	0.004
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831/13 X TEN+#30,03 DS 831/14 X TEN+#3,104 CG 831/15 X TEN+#3,104 CG	11 13	1/h	X		Tent # 70,00+ OC	16:19	18:101	38	10,03	10.0J	10.02	7.00.001	138 allen	0.027
8344 X FOLT#31,04 CG		3143		X	2	16,20	18:30	120	16.00	10.00	10,02	1202.4	0.11/00/11	0.004
SHIVE X FEAT ASI BY CG		bhls	X		Q	6.23	18:23	120	10,00	10.08	60.0	12021	13/10 16.6	0.00
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b. ac by: 83135-0, 83140-3	-0, 83140-3. RZ	3. RZ 8374-15	40	10125	
o I ob Botch #- 16	COC - DUINA	OC# 63135	#OC#	62140	OC# \$3147
C. Lab Datell #.	1.10 - 50 5	Std. D	Std	2.701	Std: 1, 15/

□-Drop Box

LAB INFORMATION

27. Results To: results@ambient-env.

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NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc. comprehensive Building Science Solutions

12 Colvin Ave. Albany, NY 12206 PH: 518-482-0704 I FX: 518-482-0750

AIR MONITORING DATA

AND CHAIN OF CUSTODY FORM

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3a. Project Address: On: SHIFT HOURS Field Blank Field Blank Field Blank The Hours	TEM (0.45 m.cron MC stte/Filter	4a. Air Sampler:		7 January	Number AC 30
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11. Lab	(24 hour clock)				
120. Sample 120. Sample Coordinates 12	13. Time (24 hour clock)	14. Flow Rate (liters/ minute)		15. Total 16. # fibers	17. Fiber
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		c. Lab Batch # S	hh0b-58	Std: 0, KM Std:	Std:



NYS DOH ELAP # 11917

PCM Air Data Report

NIOSH 7400 "A" Method-Phase Contrast Microscopu

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

12206

Date Analyzed: 10/24/2013

Client Project #: 130905AD

Phase of Sampling: During-IIB

Turn Around Time: 24 Hours

Sampled By David Foote

Date Collected: 10/23/2013 Date Received: 10/24/2013

Report Date:

10/28/2013

QC Checked By: Justin Adams 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	in the second
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 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

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**= >50% Particulate Matter, Sample Overloaded

*** Sample Filter Damaged

Comments:

Analyst,

Megan LaBarge

Laboratory Director, Justin Adams

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

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CHAIN OF CUSTODY FORM

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5. Date	5. Date 6. Abatement Location:	t Location	, i	77	mićron MCE)	10 10	TEM (0.45 micron MCE) ssette/Filter mufacturer	9. Type: a. □Phase IB		d. □Phase IIC - Cleaning	f. DOSHA g. a Environmental	nmentai	Collibration Date	or ation Date
N AID	DAILY AID SAMDI E DECORD	7/ 100	0	6	**	Lot#				Clearance	i. a Other		8-26-	7-13
10. Sample	11. Lab	12. Sam	12. Sample Location	Location	10	13. Time (24	13. Time (24 hour clock)		14 Flow Ra	14 Flow Rate (liters/ minute)	100	15 Total	45 # 51	1,1
D. Number		12a. IWA	12b. OWA	12c. Sar	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a Start	14b. End	14c. Average	Air Volume (lifers)	fields minus blanks	concentration (f/cc)
-	85/8/			Field Blank	ınk							(2)	dio 2 c	191
03	13/12			Field Blank	ink								1/100 127	74.4
M	83183		X	(wast	Waste Deras	0.00	18/47	446	7.00	3.01	3,01	7 5% 2 1	1	0.000
4	83184		+	Persona	ne Decon	200 200	15:48	Shh 8h/51	3.00	7,01	3.01	3.01 1339. 6.38/m	35/m 427	427 0.012
5	8318T		X	+	1#1	8:24		1	3.01	107		1239.6	7.01 1279.547/10/58.0 6.017	10.0
0	83110		X	ナジ	# # 2	878	15:50 445 201	445	701	19.2	70,7	1776.0	2 01 1379. Salm 101 x 0.0/8	00/8
	83187		X	3	37.5	80 C 60	837 15,52 445 3,01	445	3,01	201	301	1330,5	10 7.61	7 01 1379, 57/10 1.61 60.002
00	BIES		X	Amb	Control	8:30	18:55	15:55 445 3.01	3.01	10.	3.01 3.01	1386	4/1003/8	1379,6 4/100 3/8 <0.002
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CHAIN OF CUSTODY

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See drawing for this shift.

29: Comments:



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

12206

10/25/2013

10/29/2013

Client Project #: 130905AD

Phase of Sampling: During-IIB

Turn Around Time: 24 Hours

Sampled By David Foote

Date Collected: 10/24/2013 Date Analyzed: Date Received: 10/25/2013 Report Date:

QC Checked By: Justin Adams 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 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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Comments:

Analyst, Megan LaBarge

Laboratory Director, Justin Adams

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

NYS/NJS Certified WBE & SBA EDWOSB

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ot Nu	OPOSA1	0	3a. Proje	3a. Project Address:	tess: Alber, Albers	25	4	4a. Air Sampler					4c: Rotameter c	4c: Rotameter calibration:
5. Date	6. Abatement Location:	t Location	i.		7. T PCM (0.8 mlcron MCE) Cassette/Filter	8. □ TEM (0.45)	☐ TEM (0.45 micron MCE)	9. Type:	4	d. □Phase IIC -	f. DoshA	onmental	Gilibrator	
10-24-1	10-24-13 15+ Floor ARG. AD	200	500	0	Manufacturer Lot #	Manufacturer Lot #		b. □Phase IIA		e. □Phase IIC - Clearance	h. a Ambient	ent	4d: Calibration Date	ion Date
DAILY AIR SAMPLE RECORD	SAMPLE RE	CORD	SHI	SHIFT HOURS	SS to	(24	(24 hour clock)							
10. Sample	11. Lab	12. Sam	12. Sample Location	ion		13. Time (24	Time (24 hour clock)		14. Flow	14. Flow Rate (liters/ minute)	nute)	15. Total	16, # fibers/	17. Fiber
adilina di la constante di la	Number	12a. IWA	12b. OWA	12c. Sarr	12c. Sample Coordinates	13a, Start	13b. End	13c. Total	14a, Start	rt 14b. End	14c. Average	Air Volume (lifers)	fields minus blanks	concentration (f/cc)
-	83740			Field Blank	×								9/10 aas	
6	Bin			Field Blank	¥									
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24. Date

10/25 Std: 385-9057 Std: 00# 832140 c. Lab Batch #:

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

28. Drawing; ⊠See drawing for this shift. ☐ See drawing dated:

29: Comments:



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

12206

Client Project #: 130905AD Phase of Sampling: Finals-IIC

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	determinent om der glendagen greger kommen och de	**
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.

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F/mm2 = Fibers per Millimeter Squared 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

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

NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA

AND

CHAIN OF CUSTODY FORM

of Page

TURNAROUND TIME Rush

Other □ 24 hour

PROJECT INFORMATION	FORMATIC	N			*	TS Gre Interim Pelidion , andhu Control Goulanare	" weightion		חייים וטייוט	4 Linksie				
1. Client	550		3. P.	3. Project Name	1		4	4. Project Monitor	Sor So	400			4b. Rotameter	4b. Rotameter
Non In	POSA	0	Sa. P	3a. Project Address	Tress: All All All All All All All All All Al	5	4	4a. Air Sampler:	0	4			4c: Rotameter c	4c: Rotameter calibration:
5. Date	6. Abatement Location:	nt Location	::	7	3 micron MCE)	8. TEM (0.45 micron MCE) Cassette/Filter	5 micron MCE	9. Type:	d. Dr	d. □Phase IIC -	f. DOSHA	mental	Gilibrator Drycal	tor
1024-15 15T FLOSE	15+ 1	local	,		Manufacturer Lot#	Manufacturer Lot #		b. □Phase IIA		e Mphase IIC - Clearance	h. a Ambient i. a Other	ıt.	4d: Calibration	4d: Calibration Date
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	Number	12a. IWA	12b. OWA		12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	8
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LAB INFORMATION

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o a Batch # 10	000	OC# X3L2D	#OC#	0C# (322x	ac#
C. cas caron 1318 / 1015	000	Std: 0. 849	Std		Std:

26. Project Manager:

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28. Drawing: ☐See drawing for this shift. Hatim. 61+11. 6(0) 025, Ny. 900 27. Results To: results@ambient-env.com

29: Comments: AX = 8V6/ LOANSO



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

12206

Date Analyzed: 10/25/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: 24 Hours

Sampled By David Foote

Date Collected: 10/24/2013 Date Received: 10/25/2013

Report Date:

10/28/2013

QC Checked By: Justin Adams 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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Comments:

Analyst. Megan LaBarge

Laboratory Director, Justin Adams

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

AIR MONITORING DATA

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Other X 24 hour □ Rush

***Results are Interim Pending Quality Control Revisu**

PROJECT INFORMATION

NYS/NJS Certified WBE & SBA EDWOSB

1. Client	ZY N		.s.	3. Project Name:		4. Project Monitor	litor	C	Lo		4b. Ro	4b. Rotameter	9
2. Project Number	0	40	3a. F	t Address:	244	4a. Air Sampler	6	8)		4c: Ro	tameter ca	4c: Rotameter calibration:
5. Date 6. Abatement Location:	6. Abatement Location:	nt Location	2 2	Casette/Filter Ranufacturer Lot & Dot #	8. TEM (0.45 micron MCE) Cassette/Filter Manufacturer	ICE) 9. Type: a. □Phase IB b. □Phase IIA	5	Gleaning	f. DOSHA g. a Environmental h. a Ambient	mental t	□ Manufa □ Gilibra ▼ Drycal	50 5	Date
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s == =)	-		b. QC by:	8373	0	36	33240-25T	Sp(0) pp	0000
							c. Lab Batch #: ∫∆≬	tch #: 1285	7027	Std 0 Std	Std	157.55 Mr. 8.74	Std: 2, 70)
26. Project Manager:	ager:			27. Results To:results@ambient-env.com	.com 28. Drawing: See drawing for this shift	See drawing for	this chift		29. Comments				

29: Comments:

28. Drawing: ☐See drawing for this shift.

Notion Elt. 1. 5 (3) 005, NY, act 27. Results To: results@ambient-env.com



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

Date Collected: 10/25/2013

Date Received: 10/28/2013

12206

Report Date:

Date Analyzed: 10/28/2013 10/29/2013

QC Checked By: Justin Adams

Sampled By Bob DeRuyter

Date of QC Check: 10/29/2013

Client Project #: 130905AD

Phase of Sampling: Prep-IIA

Turn Around Time: 24 Hours

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/111m2. 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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Comments:

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Laboratory Director, Justin Adams

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NYS/NJS Certified WBE & SBA EDWOSB

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CHAIN OF CUSTODY FORM AND

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Other X24 hour

3a. Project Address: Aut.	1. Client NYS OGS	5005		3. Pr	oject Nam	3. Project Name: Bloks 1		4	4. Project Monitor	1	eRuy for	C		4b. Rotameter	eter AF 32
Control Cont	2. Project Num	2905A	0	За. Р	roject Ad ∫ کر	dress:	1		a. Air Sampler					4c: Rotam	eter calibration
12 Sample Location 13 Time (24 hour clock) 14 Flow Rete (liters) 15 Total 14 Start 14 S	5. Date	6. Abatemer	nt Location	÷		7/KI PCM (0.8 micron MCE)	8. TEM (0.4 Cassette/Filter	5 micron MCE)		11 2	Phase IIC -	f. DOSHA	nmental	Gilibrate	
12 Sample Coation 13 Time (24 hour clock) 14 Flow Rate (liters) minute 15 Total (6 # fibers) 15 Total (14) End 140.	1/00/13	Perth	30.56	1/6	27		Manufacturer Lot #		b. Thase		hase IIC -	h. Ambie i. Other	nt	4d: Calibr	ation Date
12. Sample Location 13. Time (24 hour dock) 14. Flow Rate (liters/ minute) 15. Total 14. Flow Rate (liters) 15. Flow Rate (l	AILY AIR S	AMPLE RE	CORD	SHI	FT HOU	7 to (hour clock						5	
12a 12b 12c Sample Coordinates 13a Start 13b, End 13c Total 14a Start 14b, End 14c	10. Sample	11. Lab	12. Sarr	ple Locat	tion		13. Time (24	hour clock)		14. Flow Rai	te (liters/ minu	ute)	15. Total	16. # fibers/	L
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27. Results To:resu	
roject Manager:	(Xin Clearly

See drawing for

ts@ambient-env.com

29: Comments:

c. Lab Batch #: ((8) b. ac by: 8337 a. Analyzed By: 23. Lab Name



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

Date Collected: 10/25/2013

Date Received: 10/28/2013

12206

Report Date:

Date Analyzed: 10/28/2013

10/29/2013

QC Checked By: Megan LaBarge

Date of QC Check: 10/28/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By Bob DeRuyter

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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Analyst,

Justin Adams

Laboratory Director, Justin Adams

NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc.

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

AIR MONITORING DATA

CHAIN OF CUSTODY FORM AND

TURNAROUND TIME

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Page

□ 24 hour Rush

Other

5. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 3 a. Project Number 1 a. Sample Location 1 a. Sample 1 a. Number 1 a	-	S. Project Name: Building 1		4. Project	4. Project Monitor Rel	of en	Depuis	St.	4b. Rotameter Number	463
Sate	3a. P.	3a. Project Address:	Alkery	4a. Air Sampler:	mpler:				4c: Rotameter calibration:	r calibration:
SAMPLE REC 11. Lab Sample Number 1534 6534 6736	6	Cassette/Filter	8. TEM (0.45 micron MCE) Cassette/Filter Manufacturer		9. Type: a. □Phase IB b. □Phase IIA	d. □Phase IIC - Cleaning e. ☑Phase IIC -	f. COSHA g. a Environmental h. a Ambient	imental it	Glibrator Drycal 4d: Calibration Date	on Date
10. Sample 11. Lab 12. Sam 10. Sample 11. Lab 12. Sam 1.D. Number 12a. Numbe	- 1	1# 201500	# 3		Phase IIB	Clearance	i. D Other		8-29	1-13
11. Lab Sample Number 933/4 653/4 833/4	SHII	SHIFT HOURS COLOR to 1	6 4 (24 hour clock)	clock)						
95363 85284 8736 87065	ple Locati 12b.	ion 12c. Sample Coordinates	13. Time (24 hour clock) 13a. Start 13b. End	ur clock) 13b. End 13c. Total		14. Flow Rate (liters/ minute) 14a. Start 14b. End	14c.	15. Total Air Volume	16. # fibers/ fields minus blanks	17. Fiber concentration (f/cc)
00 2 834 00 3 834 00 4 876 X		E Bush			+	-	Average	(liters)		
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25. Time 1003

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b. ac by: 85365, 35.4 18371 c. Lab Batch #: 1585- 9069

a. Analyzed By: 23. Lab Name

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Rates

065

29: Comments:

28. Drawing A See drawing for this shift.

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

Beyen Clerry

26. Project Manager;

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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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

12206

10/29/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By David Foote

Date Collected: 10/28/2013 Date Received: 10/29/2013

Date Analyzed: Report Date: 10/31/2013

QC Checked By: Megan LaBarge 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	1292	0.002	16.9	0.005
83464	20	OWA- Tent 38	1202	0.002	53,7	0.017
834.65	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 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/cc = Fibers per Cubic Centimeter TWA=Time Weighted Average

F/mm2 = Fibers per Millimeter Squared 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



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

12206

Date Analyzed: 10/29/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By David Foote

Date Collected: 10/28/2013 Date Received: 10/29/2013 Report Date:

10/31/2013

QC Checked By: Megan LaBarge 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 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 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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***= Sample Filter Damaged

Comments:

Analyst, Justin Adams

Laboratory Director, Justin Adams

Page 2 of 2

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

NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA

AND CHAIN OF CUSTODY FORM

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Rush

Other □ 24 hour

Comparison Continuence C	1. Client	N		3. Pr	3. Project Name	ding 1		4	4. Project Monitor	0	tool of			4b. Rotameter	ter
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12 Sample ERCORD SHIFT HOURS to 124 hour clock)	5. Date		nt Location	ü		PCM (0.8'micron MC stte/Filter facturer	8. TEM (0.4 Cassette/Filter Manufacturer	5 micron MCE)			hase IIC - ning hase IIC -	f. DOSHA g. a Environ h. a Ambien	nmental nt	Gilibrato Drycal 4d: Calibra	r tion Date
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3 1945	I.D. Number	Sample Number	12a. IWA	12b. OWA	12c. Samı	ple Coordinates	13a. Start	13b, End	13c, Total	14a. Start	14b, End	14c. Average	Air Volume (liters)	fields minus blanks	8
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9462 X TEXT #40, by C13 13.14 15.14 120 10.02 10.02 10.02 120 23.4.18 587 120 9462 X TEXT #38, pt 200 12.16 120 10.02 10.02 10.02 120 14.18 587 120 9464 X TEXT #36, pt 200 12.19 15.17 120 10.02 10.02 10.02 120 14.18 16.1 16.1 16.1 16.1 16.1 16.1 16.1 1	1	13461	X		4+20	o,atcl	-	15:13	000	10.03	10.02		100	315	
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	= =	月		1629	+	1733				b. QC by:	83460-1	Vie	127, 83470-1	49.5 MC (0B	00# KMON

29: Comments:

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

27. Results To: results@ambient-env.com Hatin, 617/1.1/2/02/21/17/900

26. Project Manager:

NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc.

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

AIR MONITORING DATA

CHAIN OF CUSTODY FORM AND

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Page A

Rush Kush

Other □ 24 hour

1. Client	10		3. Pro	3. Project Name:	Chief 1		4	4. Project Monitor	0	the state of			4b. Rotameter	4b. Rotameter	
2. Project Number	のこれ	0	3a. Pr	3a. Project Address	AJAIN	7/	4	4a. Air Sampler:	0	2000			4c: Rot	4c: Rotameter calibration:	ration:
5. Date (S	6. Abatement Location:	Location		1021	7. PCM (0.8 micron MCE) Cassette/Filter Manufacturer_	8. TEM (0.45 Cassette/Filter Manufacturer Lot#	TEM (0.45 micron MCE) ette/Filter ifacturer	9. Type: a. □Phase IB b. □Phase IIA c. □Phase IIB	40 90	d. □Phase IIC - Cleaning e. ☑Phase IIC - Clearance	f. DOSHA g. a Environmental h. a Ambient i. a Other	nmental	Gillibrator C Drycal 4d: Calibratic	Gilibrator Torycal 4d: Calibration Date	0
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5560

10/29

MANNIS

a. Analyzed By: b. QC by: Std:

Std:

Std:

c. Lab Batch # [SPS - 9078

29: Comments:

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

Hatim, ETT. 11.60 000, My, GOU 27. Results To: results@ambient-env.com

0/29/3 0-28-1

26. Project Manager:

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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 - 9079

Abatement Address:

Work Area: 1st Fl Area 20

Client: Ambient Environmental Inc.

12 Colvin Avenue

Albany

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 Received: 10/29/2013

Date Analyzed: 10/29/2013

Report Date:

10/31/2013

QC Checked By: Justin Adams

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.

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LOD= Limit of Detection

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**= >50% Particulate Matter, Sample Overloaded

*** Sample Filter Damaged

Comments:

Analyst, Megan LaBarge

Laboratory Director, Justin Adams

NYS/NJS Certified WBE & SBA EDWOSB

PROJECT INFORMATION

Ambient Environmental, Inc.

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

CHAIN OF CUSTODY FORM AIR MONITORING DATA AND

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	TIME
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Rush

Other □ 24 hour

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2. Project Number 3090540	3a. Project Address:	idress: Ave Alber	. N.Y.	4a. Air Sampler:			4c: Rotameter calibration:
5. Date 6. Abatement Location:		7. N PCM (0.8 micron MCE) / Cassette/Filter	8. ☐ TEM (0.45 m cron MCE)	9. Type: a. □Phase IB	d. □Phase IIC -	f. CloshA	□ Gilibrator
0-x8-15 MTTOOT, Area, & O	rea a C	Manufacturer Lot #	Manufacturer Lot#	b. □Phase IIA c. □Phase IIB	e. LiPhase IIC - Clearance	h. a Ambient	4d: Calibration Date

DAILY AIR SAMPLE RECORD	TO L . CHES.	-												
10 Sample	AMPLE KE	CORD	III	SHIFT HOURS	to	(24	(24 hour clock)	0						
D. Calliple	11. Lab	12. Sam	12. Sample Location	tion	6	13. Time (24	13. Time (24 hour clock)		14. Flow Rate	14. Flow Rate (liters/ minute)	(te)	15. Total	16. # fibers/	17. Fiber
I.D. Number	Sample	12a IWA	12b. OwA	12c. Sample Coordinates		13a, Start	3b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	concentration (f/cc)
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CHAIN OF CUSTODY

Pickup

17. Kennquished By:	18. Date	19. Time	20. Received By:	21. Date	1. Date 22. Time
" haired dorch	16-28-13		1	1012	1630
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16501	7	12-7
23. Lab Name	a. Analyzed By:	b. ac by: KW

LAB INFORMATION

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a. Analyzed By: 1	Boan (Starte			10 29	
b. ac by: KTYTY-21.2	1.2, (34KO-K3)	4		10 31	
C ah Batch # 169	(4) P. 10 ac#	85470	#DO	CC# 83480	og
	Std: Std:	0.7 les	Std	· Kek	Sto

25. Time 0240

☐-Drop Box

26. Project Manager:

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Hatim, CTT1168005, My. 900 27. Results To:results@ambient-env.com

28. Drawing: ☐See drawing for this shift.

X See drawing dated: (○→(8~//3)

29: Comments:



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

12206

Date Analyzed: 10/30/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By Bryan Cleary

Date Collected: 10/29/2013

Date Received: 10/30/2013

Report Date:

11/1/2013

QC Checked By: Megan LaBarge 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 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,

Justin Adams

Laboratory Director, Justin Adams

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

AIR MONITORING DATA

AND

TURNAROUND TIME

of

FRush 14 1920 Other 24 hour

CHAIN OF CUSTODY FORM

Results are Interim Pending Coulty Control Review

PROJECT INFORMATION

NYS/NJS Certified WBE & SBA EDWOSB

4c: Rotameter calibration: 4d: Calibration Date □ Manufacturer □ Gilibrator □ Drycal 4b. Rotameter Number g. a Environmental
h. a Ambient
i. a Other f. COSHA Cleaning
e. IPhase IIC Clearance d. |Phase IIC a. □Phase IB
b. □Phase IIA
c. □Phase IIB 4. Project Monitor 4a. Alf Sampler: 9. Type: S. TEM (0.45 micromMCE)
Cassette/Filter (24 hour clock) Manufacturer Lot # 7. S. PCM (0.8 micron MCE) 2 Cassette/Filter Manufacturer Lot# 3a. Project Address: SHIFT HOURS 3. Project Name: 6. Abatement Location: 2. Project Number (3) CS (5) Date 6. 4 5201

17. Fiber concentration 0.023 0.025 0.013 1,00 0,017 210.0 1700 0.00% 777 2.99 P.CL 16. # fibers/ fields minus 0.00 50 76.8 7117 13, 37. blanks 00, 625 20. 65. 7 . 15 34 2 3 Air Volume 15. Total (liters) 14c. Average 14. Flow Rate (liters/ minute) 14b, End 14a. Start 13c. Total End 13. Time (24 hour clock) 755 958 13b. 1756 13a. Start 759 3 ていい 12c. Sample Coordinates I COL COT Field Blank Field Blank I'cht Pont cnt 12. Sample Location 12b. OWA DAILY AIR SAMPLE RECORD 12a. IWA 83589 11. Lab Sample Number 83583 83579 93575 8358 83571 SSSTR 1382 93576 83-81 10. Sample I.D. Number 35 00

CHAIN OF CUSTODY

Pickup

20. Redeived By: 19. Time 18. Date 17. Relinquished By:

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

26. Project Manager:

Ξ

28. Drawing: See drawing for this shift.

Std: 0, 898

25. Time

24. Date

_ D-Drop Box

LAB INFORMATION

23. Lab Name KESHINSE

22. Time

1100

10/20/13 21, Date

a. Analyzed By:

10401

#SO

Std: 3,111

6 ac by 83575-1-20 83550-17-5

1059 1059

c. Lab Batch #: |585-9089

Std:

29: Comments:



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

NY 12206

Date Analyzed: 10/30/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By Bryan Cleary

Date Collected: 10/29/2013 Date Received: 10/30/2013

Report Date:

11/1/2013

QC Checked By: Megan LaBarge 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	page.
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
				was from the mount		~

Microscope: 0C82298 Olympus FOV: 0.00785 F/mm2 Laboratory RSd: 7.01->25.5 t/mm = .152, 25.6->63.7 t/mm=.176, 63.8->127.4 t/mm=.136, >127.5 t/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/cc = Fibers per Cubic Centimeter

TWA=Time Weighted Average

F/mm2 = Fibers per Millimeter Squared 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

Comprehensive Building Science Solutions

AIR MONITORING DATA

CHAIN OF CUSTODY FORM AND

ō TURNAROUND TIME

GRush MC 10/30 Page 1234-frour Other

> ***Results are Interim Pending Qualky Control Review** 12 Colvin Ave. Albany, NY 12206 PH: 518-482-0704 | FX: 518-482-0750 NYS/NJS Certified WBE & SBA EDWOSB

		ţQ;	3. Project Name:	ķ"	4. Project Monitor	iitor			4b. Rotameter Number	
CHCC CCC		3a P	3a) Project Address:	im Dus	4a. Air Sampler	J. J.			4c: Rotameter calibration:	calibration:
8. Abatement Location:	Location	.)	7. D PCM (0.8 micron MC Cassette/Filter Manufacturer Lot #	ICE) / 8. Cassette/Filter Manufacturer Lot #	E) 9. Type: a. □Phase IB c. □Phase IIB	d. □Phase IIC se IB Cleaning se IIA e. □Phase IIC se IIB Clearance	g. a Environmental	onmental	Gilibrator Drycal 4d: Calibration Date	n Date
DAILY AIR SAMPLE RECORD	CORD	SHII	SHIFT HOURS to	(24 hour clock)						
10. Sample 11. Lab	12. Sarr	12. Sample Location	uoi	13. Time (24 hour clock)		14. Flow Rate (liters/ minute)	minute)	15. Total	16. # fibers/	17 Fiber
Sample	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start 13b. End	13c. Total	14a. Start 14b. End	nd Average	Volume	fields minus blanks	concentration (f/cc)
8385			Field Blank					(siels)	An An	
93586			Field Blank		- 9-				1/2 J.C.	
83287	/		(eft	15201120	170	20	(0)	170		60,00m
83588	1		RIGHT	15201720		10 /01	?	3 -	0.00	ζούος Σ
83588	1		CONTE	1520 1720		01 01	2		N. W	60.00
Fisch		1	Landine	So mile	-	61 01	10		101	0 000
(359)		-	375	0100 JCS1		(1)	9		1	9000
8387		1	Airlach	152711731	0	10 10	01	7	1/10 20 y	£ (S) €
88883			ac Bushyle		>				1	3
CHAIN OF CUSTODY						LAB INFORMATION	NOI			☐-Drop Box
17, Relinquished By:		18. Date	19. Time 20. Received By	21. Date 22	22. Time	23. Lab Name	7 Shalls	9	717 24. Date	e 25. Time
				1	1160	B	Magaza	+		
						b. QC by: 83590	3	AC.		
								T + C	#00	7

See drawing for this shift.

28. Drawing

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

26 Project Manager:



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

Date Collected: 10/30/2013

Date Received: 10/30/2013

12206

Report Date:

Date Analyzed: 10/30/2013 11/1/2013

QC Checked By: Megan LaBarge

Date of QC Check: 10/30/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By Eric Rath

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	in the same of the
83669	39	OWA- Tent 3	1200	0.002	35	0.011
83670	40	IWA- Tent3	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	1290	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 Not Ashestos 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/cc = Fibers per Cubic Centimeter TWA=Time Weighted Average

F/mm2 = Fibers per Millimeter Squared 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

NYS/NJS Certified WBE & SBA EDWOSB

Ambient Environmental, Inc.

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

AIR MONITORING DATA AND

CHAIN OF CUSTODY FORM

TURNAROUND TIME

124 hour

Other

1. Client	590		3. Pro	oject Name:	3. Project Name:		4	4. Project Monitor	itor Eric	ند	Rath	4	4b. Rotameter Number	neter L
2. Project Number		AD	3a. P	3a. Project Address:	man State	Campus	4	4a. Air Sampler:		×	Rake		4c: Rotameter c	4c: Rotameter calibration:
5. Date	6. Abatem	nt Location	2		7. Cassette/Filter	8. Trem (0.45 micron MCE) Cassette/Filter	5 micron MCE	9. Type:		d. □Phase IIC - Cleaning	f. DOSHA g. a Environmental	nmental	Drycal	tor
10:30:13	-)	Fleor			International Lot #	Manutacturer Lot #		c. □Phase IIB		e. Phase IIC - Clearance	h. Ambient i. Other	ŧ	2 Sall	S 29 12
DAILY AIR SAMPLE RECORD	AMPLE RE	CORD	SHI	SHIFT HOURS	8 0200 to	(24	(24 hour clock)							
10. Sample	11. Lab	12. Sam	12. Sample Location	tion		13. Time (24 hour clock)	hour clock)		14. Flow R.	14. Flow Rate (liters/ minute)	ute)	15. Total	16. # fibers/	s/ 17 Fiber
I.D. Number	Sample	12a. IWA	12b. OWA	12c. Samp	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	8
32	73667			Field Blank	×	1	1	1	1	1		1	02 2	200
36	83668			Field Blank	×	\	/	/	/	/	/	1		
39	63969		1	Tent		0750	0360	120	0/	0.	0/	1,200	1	350 0.01
04	63670	1		Tent	- 1	0750	547 SS0	120	18	10	0/	1200	. M 10.6	
14	8871		1	Test	400 p#	6754	0954	120	07	0)	0)	1,200	. P 238	4
42	83872	1		lent	21 17# 4	0755	2560	130	0/	10	0	1,200	11.9 80.	
43	93673		1	Tent	100 P#1	0800	1000	120	0	0	0	1200	.23 26.8	>
44	83674	1		Tent	21 =+	080	1001	120	01	0)	(0)	1300	12 3.	
45	51968		/	Tent	150 5#	CBIZ	1017	120	0	01	10	1200	35 USB	
94	91988	1		Tent	21 5#	0817	(1017	120	0	0)	(0)	1200	.26 30,6	
47	1989		1	智	#2 out	0821	1021	120	0	10	10	1200	,23 26.1	
817	81.988	1		Tent	2 2 *	0821	1021	120	0	0	10	1300	1.9 8.1	
CHAIN OF CUSTODY	USTODY								LAB INF	LAB INFORMATION	Z			☐-Drop Box

CHAIN OF CUSTODY

Pickup

17. Relinquished By:	18. Date	19. Time	20. Received By:	1	21. Date
Sin h. Hall	10,32.13	10135		\	10/30
II. And	10/30//3	h511	The state	Junites,	10/2
	1			1	

a. Analyzed By: 23. Lab Name

22. Time

29: Comments: css. 9096

Std:

25. Time

24. Date

27. Results To: Phone #'s: Fax: 26. Project Manager

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

From Green



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

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 Received: 10/30/2013

Date Analyzed:

Report Date:

10/30/2013 11/1/2013

QC Checked By: Justin Adams

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
83698	56	IWA- Tent 14	1200	0.002	5.1	<

Microscope: 0C82298 Olympus FOV: 0.00785 F/mm2 Laboratory RSd: 7.01->25.5 t/mm = .152, 25.6->63.7 t/mm= .176, 63.8->127.4 t/mm= .136, >127.5 t/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 N/A= Not Analyzed, Sample did not meet the F/cc = Fibers per Cubic Centimeter

Laboratory's Sample Acceptance Policy

TWA=Time Weighted Average

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

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 PAIR MONITORING DATA

CHAIN OF CUSTODY FORM AND

TURNAROUND TIME

Other 24 hour Rush

Droited Mines	065		3. Pr	3. Project Name: Building #			4	4. Project Monitor	tor Eric	×	Rath	,	4b. Rotameter Number 4	iter
13 0905	3905	AD	Sa. P	Jarriman State Can	Cambus		4	4a. Air Sampler:	a	N.	P. P. P.		4c: Rotameter c	4c: Rotameter calibration:
5. Date 10 - 30 - 13	6. Abatement Location:	ment Location	2	7. PCM (0.8 micron MCE) Cassette/Filter Manufacturer Lot #		8. TEM (0.45 Cassette/Filter Manufacturer Lot #	8. TEM (0.45 micron MCE) Cassette/Filter Manufacturer Lot #	9. Type: a. □Phase IB b. □Phase IIA		d. □Phase IIC - Cleaning e. ☐Phase IIC -	f. DOSHA g. a Environmental h. a Ambient	nmental	Drycal 4d: Calibration Date	tion Date
DAILY AIR SAMPLE RECORD	AMPLERE	CORD	SHI	SHIFT HOURS @700 to			(24 hour clock)	1	1		iono :		1.47.0	1/5
10. Sample	11. Lab	12. Sam	12. Sample Location			13. Time (24 hour clock)	hour clock)		14. Flow R.	14. Flow Rate (liters/ minute)	ute)	15 Total	16 #fihers/	17 Eihar
I.U. Number	Sample	12a. IWA	12b. OWA	12c. Sample Coordinates		13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Air Volume (liters)	fields minus blanks	8
1	1		1	Field Blank		1	1	1	1	1	1	1		
1	/	/		Field Blank		/	/	\	/	/	/	/		
49	836 91		1	Tent # 10 Out		1051	1351	120	0	01	0.	1200	18/10 11010	0.000
50	83692	/		Vent # 10 18	,×.	150	1251	120	0	0	0	1300	2/100 2.5g	C0,002
15	831093		1	Ten # 11 OUT		1053	1253	1,20	9	0	02		5/10 1.37	11.37 6000
52	83494	/		Jent # 11 12		(053	1253	130	0	0	0	1200	9/10/11/	0.004
53	83695		1	Tent #12 OUT		1054	1254	1,20	0	0	0	1200		0.000
54	83696	/				1054	1254	170	0	0	0	7200	4/10 5.10	1~
55	83497		1	Tent #14 OUT		1056	1256	120	0	0	0	1300	5/100 List	
56	83498	/		Tent #14 10		9501	1356	120	0	101	0	1200	-	1
7			V	Tent #20 Out				1	>					
85		X		Tent #20 12				7	7					
					Ī									

CHAIN OF CUSTODY

20. Received By: 19. Time 10.30-13 18. Date 17. Relinquished By: Pickup =

28. Drawing: See drawing for this shift. 27. Results To: Amore in Phone #'s: Fax:

26. Project Manager:

Ξ

29: Comments: No Filled Blunke Submitted - St #DO Std: 2-175 Std: Not blunk May worted c. Lab Batch #: //SS - 9098 b. ac by: 83695-1 a. Analyzed By:

25. Time

24. Date

☐-Drop Box

LAB INFORMATION

23. Lab Name

22. Time

21. Date



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

Date Received: 10/30/2013

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: Report Date:

10/30/2013 11/4/2013

QC Checked By: Justin Adams 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.

Definitions of Abreviations:

F/cc = Fibers per Cubic Centimeter TWA=Time Weighted Average

F/mm2 = Fibers per Millimeter Squared 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

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

**Results are interim Pending Quality Control Preva AND

CHAIN OF CUSTODY FORM

TURNAROUND TIME Rush

Other 24 hour

PROJECT INFORMATION

NYS/NJS Certified WBE & SBA EDWOSB

1. Client OGS	065		3. Pro	3. Project Name: Building #		4	4. Project Monitor	tor	يد	P. C.K.		4b. Rotameter	1 .
t	Ogos AD	^	3a. P	Janiman State Campus	S	49	4a. Air Sampler	1.56	K .	1		4c: Rotameter c	4c: Rotameter calibration:
6. Date 6. Abaten 10°30°13 +5°±	6. Abatemen	ent Location	Soul Pent	6. Abatement Location: South west Cassette/Filter	8. TEM (0.45 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. ÆPhase IIC - Clearance	f. COSHA g. c Environmental h. c Ambient i. c Other	nmental nt	Glibrator Drycal 4d: Calibration Date	on Date
DAILY AIR	DAILY AIR SAMPLE RECORD	CORD	SHI	SHIFT HOURS 0700 to	(24	(24 hour clock)	1					0.4	
10. Sample	11. Lab	12. Sam	12. Sample Location	on	13. Time (2	13. Time (24 hour clock)		14. Flow Rat	14. Flow Rate (liters/ minute)	ite)	15. Total	16. # fibers/	17 Fiber
I.D. Number	Sample	12a. IWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b, End	14c. Average	Air Volume (lifers)	fields minus blanks	concentration (f/cc)
57	83699			Field Blank								0/10 000	
58	83700			Field Blank								1/10) 127	
59	105 88		1	Right spir landing	1316	1816	130	10	10	10	1300	10/m 12 1	p0000
09	83702		/	Center state landing	1316	1516	170	10	10/	10	1200	16/m 197	0,000
(9)	83703		1	1eft stair landing	1316	15/6	120	10	10	10	0000	1100 8.28	0.003
63	83704	1		Rear of cont.	13/9	1519	1,20	0/	10	10	1200	14/00/7.2	0.000
63	837VB	1		Center cont.	1319	1579	130	10	10	0/	1200	17/m 21.0	0.007
49	83700	/		Front of Containment	- 1319	1519	170	10	0/	0/		8/100 9.55	0.003
CHAIN OF CUSTODY	USTODY							LAB INFO	LAB INFORMATION	7			☐-Drop Box

25. Time

24. Date

Std: 3. 8 18

c. Lab Batch #: 1585- 9099 Std: 0 598

6. ac by: 83700-0, 83765-1706

a. Analyzed By: 23. Lab Name

22. Time

21. Date

20. Received By

19. Time

17. Relinquished By

10.30.13 18. Date

29: Comments:

28. Draving: See drawing for this shift.

27. Results To: ###DLENY Phone #'s: Fax:

26. Project Manager: Sryon

=



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

Date Analyzed:

10/31/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By Client

Date Collected: 10/31/2013

Date Received: 10/31/2013

Report Date:

11/1/2013

QC Checked By: Megan LaBarge 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 Not Asbestos Specific. Laboratory results limited to F/111m2. 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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*** Sample Filter Damaged

Comments:

Analyst, Megan LaBarge

Laboratory Director, Justin Adams

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

Other D'Rush

□ 24 hour

Pesults are Interim Pending Quality Control Review

1. Client	505		3. Pro	3. Project Name: Bldg	j		4	4. Project Monitor		MARKTEDIO	ato		4b. Rotameter Number	1	4
2. Project Number 130905 AD	905A	9	3a. Pr	3a. Project Address: Harriman	man St	Storte Ca	ampo 4	4a. Air Sampler:	MAI	MARKTEALE	ale		4c: Rota	4c: Rotameter ca	4c: Rotameter calibration:
5. Date	6. Abatement Location:	t Location	2	7. X PCM (0.8 micron MCE) Cassette/Filter	icron MCE)	8. ☐ TEM (0.45 micron MCE) Cassette/Filter	5 micron MCE)	9. Type: a. □Phase IB	4	d. □Phase IIC -	f. COSHA	nmental	Gilibrator	ator	
1015/13	36	3rd floor	20	Manufacturer Lot #		Manufacturer Lot #		b. □Phase IIA c. □Phase IIB		e Elphase IIC - Clearance	h. a Ambient i. a Other	ıt	4d: Call	4d: Calibration Date	Sate 3
DAILY AIR SAMPLE RECORD	MPLE RE	CORD	SHIF	SHIFT HOURS (77.2)	to /	700 (24	(24 hour clock)							5	
10. Sample	11. Lab	12. Sam	12. Sample Location	on		13. Time (24 hour clock)	hour clock)		14. Flow Rate (liters/ minute)	e (liters/ minu	te)	15. Total	16. # fibers/		17. Fiber
	Number	12a. IWA	12b. OWA	12c. Sample Coordinates		13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Average	Volume (liters)	fields minus blanks		concentration (f/cc)
77	837A			Field Blank									1/10	277	
7	18587			Field Blank	9			14	M				Office of the	1 8	
29	83798	1		16		6760	0211	13.2	10	01	10	1220	Chin IV	POOL O. PI	hus
80	83799		1	16		093	13	1100	10	01	10	1200	Colles 14	POOD OUT ON	3 5
$\frac{\infty}{-}$	83800	1		T7		0933	1135	1221	0/	02	0)	(220	810 0 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0	500
28	83801		1	77		0935	1135	120	01	5	0	1200	19/10 0.00x	0	3 3
	83802			Or MUANT									The 2.53	9 1	1
											,				
CHAIN OF CUSTODY	STODY								LAB INFO	LAB INFORMATION				-Drop Box	p Box
Pickup 17. Relinquished By:	I By:		18. Date	19. Time 20. Received By	wed By:	1	21- Date 22. 1	22. Time	23 Lah Name		16.5		C WALL	24 0 240	7. Tim
- gran	Real	800					++		a. Analyzed By	ad By: WWW	Ser- Co	7		10/31	45. IIIIe
=					3	Δ		5	b. QC by:	b. ac by: 5500-26. 8	6.8 M	こって	0	181	

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

VISCOSI

Joella 26. Project Manager:

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28. Drawing: See drawing for this shift.

29: Comments:

Std:

Std:

Std: 0.840

c. Lab Batch #: |585-9|17|



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: Ambient Environmental Inc.

12 Colvin Avenue

Albany

Date Collected: 10/31/2013

Date Received: 10/31/2013

12206

Report Date:

Date Analyzed: 10/31/2013 QC Checked By: Justin Adams

Date of QC Check: 11/4/2013

Client Project #: 130905AD

Phase of Sampling: Finals-IIC

Turn Around Time: <24 Hours(Rush)

Sampled By Client

			2000,000	- 10.00		
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	1290	0.002	16.6	0.005
83795	76	OWA- T5	1200	0.002	26.8	0.009
				-010	U	

11/6/2013

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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Comments:

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PROJECT INFORMATION

NYS/NJS Certified WBE & SBA EDWOSB

AIR MONITORING DATA

CHAIN OF CUSTODY FORM AND

of Page

TURNAROUND TIME T Rush

Other 24 hour

** Fresults are Interim Pending Quality Control Review.**

CO.001 concentration 4c. Rotameter calibration: 0.006 0.008 17. Fiber 0.000 0,000 0.008 24/10 LT.5 0.008 0.0% 20.4 0.007 4d: Calibration Date Manufacturer
 Gilibrator 4b. Rotameter Number 28.0 26.8 10.00 7.72 25.5 17.8 3.82 fields minus 582 18.1 16. # fibers/ 127 blanks 03/10 770 30 25 02 120 120 210 3 Volume 15. Total 37 (liters) Air g.

Environmental
h.

Ambient 3 f. COSHA 14c. Average i. other 0 0 V 0 0 0 0 0 0 P 3 14. Flow Rate (liters/ minute) d. OPhase IIC -Cleaning e. Eléhase IIC -14b. End 0 アススス 0 0 Clearance となな大 Start 0 0 0 0 5 0 0 0 0 14a. a. □Phase IB b. □Phase IIA c. □Phase IIB -4. Project Monitor 4a. Air Sampler: 13c. Total 4 2 2 3 120 120 7 7 1 N N State Campus
8. TEM (0.45 micron MCE)
Cassette/Filter
Manufacturer
Lot# 700 (24 hour clock) 1055 6501 1054 ククク 8 End 1021 13. Time (24 hour clock) 105 13b. E 0853 0880 30 Start 0851 0000 3 13a. -7. TPPCM (0.8 micron MCE) Cassette/Filter 2 スング Blda 0010 12c. Sample Coordinates Manufacturer I Lot # 3a. Project Address: SHIFT HOURS Field Blank Field Blank 3. Project Name: 7 A 4) 4 H 12. Sample Location 12b. OWA 510017 6. Abatement Location: DAILY AIR SAMPLE RECORD 12a. IWA 35 11. Lab Sample Number 82794 2. Project Number 8378VJ 8370 95H 22195 50 82182 95787 8379 837A1 SYS YRS 83786 8378 10. Sample I.D. Number a 10/31/ 0 0 5 V 1. Client 0 5. Date

CHAIN OF CUSTODY

C 19. Time 18. Date 10/31 17. Relinquished By. Pickup

Phone #'s: 27. Results To: Fax:

DISCUSI

Soella

26. Project Manager:

≡

28. Drawing: ☐See drawing for this shift. ☐ 3111

a. Analyzed By: "Well Now of 83795-2155 JA 11/4
b. QC by: 8778-25 5/85790-20-4/85795-2155 JA 11/4
and of 83790 29: Comments:

25. Time

24. Date

145 Jan 166

23. Lab Name

22. Time 309

Date

21.

20, Rechived By:

LAB INFORMATION

☐-Drop Box

Std: UMM