ANALYSIS OF BROWNFIELDS CLEANUP ALTERNATIVES NEWELL PORCELAIN SITE FIFTH & HARRISON STREETS NEWELL, HANCOCK COUNTY, WEST VIRGINIA

Prepared For:

BUSINESS DEVELOPMENT CORPORATION OF THE NORTHERN PANHANDLE WEIRTON, WEST VIRGINIA

Prepared By:

CIVIL & ENVIRONMENTAL CONSULTANTS, INC. EXPORT, PENNSYLVANIA

CEC Project 164-123.2H2H

November 2017

TABLE OF CONTENTS

			Page
1.0	Intro	duction and Background	1
	1.1	Introduction	1
	1.2	Site Description and Historical Use	1
	1.3	Previous Site Investigation and Remediation Activities	
	1.4	Site Re-Use Plans	2
2.0	Appl	icable Regulations and Cleanup Standards	3
3.0	Evalı	uation of Cleanup Alternatives	4
	3.1.	Cleanup Alternatives and Estimated Costs	
	3.2	Recommended Cleanup Alternative	
	3.3	Consideration of Changing Climate	

FIGURES

Figure 1 – Site Layout

APPENDICES

Appendix A – Excerpt from Asbestos Survey Report Appendix B – Contractor Cost Estimates

1.0 INTRODUCTION AND BACKGROUND

1.1 INTRODUCTION

This Analysis of Brownfields Cleanup Alternatives (ABCA) for the former Newell Porcelain site (Site) was prepared by Civil & Environmental Consultants, Inc. (CEC) on behalf of the current Site owner, the Business Development Corporation of the Northern Panhandle (BDC). The BDC plans to submit an application to the U.S. Environmental Protection Agency (USEPA) for a Brownfields Cleanup Grant to be used for cleanup of the Site.

1.2 SITE DESCRIPTION AND HISTORICAL USE

The Site covers approximately 8 acres and is located along at Fifth and Harrison Streets in the City of Newell, Hancock County, West Virginia. The majority of the Site covered by buildings or pavement The main manufacturing building, much of which is deteriorated and determined to be structurally unsound, covers approximately 5.9 acres. Three smaller buildings situated on concrete slab-on-grade foundations are located near the northeastern corner of the Site. These include the Frit House building, the Gas House, and the Pump House. The Site is located in a mixed-use area consisting of commercial, industrial and residential properties. The Site layout is shown on Figure 1.

The Edward Knowles China Company initially developed the Site around 1913. The Knowles Company manufactured pottery ware and china through 1963 when the property was sold to Mike Turk, a car dealer from East Liverpool, Ohio. Mr. Turk used the Site to store automobiles between 1963 and 1969. The Ohio Brass Company purchased the property in 1969, made renovations, and manufactured ceramic insulators for electrical power lines. In 1988, Ohio Brass sold the property to the Newell Porcelain Holding Company, Inc. Newell Porcelain Company and subsequently Newell Porcelain Holding Company continued the manufacturing of ceramic insulators through January 2006 when the facility assets (raw material/product inventory and equipment) was sold to Newell-PSN, LLC. Newell-PSN, LLC continued to manufacture ceramic insulators until 2008. The site has remained vacant since that time. In October 2016, Frank Six Enterprises, LLC purchased the property. The BDC purchased the property in November 2017 to facilitate redevelopment.

1.3 PREVIOUS SITE INVESTIGATION AND REMEDIATION ACTIVITIES

CEC completed a Phase I Environmental Site Assessment (ESA) of the Site under United States Environmental Protection Agency (USEPA) Brownfields Assessment Grant #BF973317-01 in June 2007. The Phase I ESA report identified several Recognized Environmental Conditions (RECs) with the potential to impact soil and groundwater at the Site and recommended that Phase II ESA activities be performed. CEC completed a Phase II ESA under the same grant and a final report was submitted to USEPA on January 15, 2008. The Phase II identified several localized areas with lead in surface soil at concentrations above the West Virginia Voluntary

Remediation Program De Minimis Standards. CEC performed a second Phase I ESA in November 2017 prior to BDC purchasing the Site. The Phase I report noted that the West Virginia Department of Environmental Protection completed a "Facility Closure" inspection in _____ and identified ____ additional areas of concern that were not identified in the 2008 Phase II ESA report. The BDC plans to complete additional Phase II ESA activities in 2018 under existing Brownfields Assessment Grant # BF 963458-01. The BDC also plans to enter the Site into the West Virginia Voluntary Remediation Program in 2018 and will "remediate" localized areas of soil contamination by capping (paving) during site redevelopment. This ABCA does not address soil remediation at the Site.

Mid Atlantic Environmental Consultants, Inc., a West Virginia-licensed asbestos inspector, completed a survey of Asbestos-Containing Materials (ACM) on the Site in October 2017. Three hundred eighty (380) samples of suspect ACM were collected and analyzed for asbestos. ACM was identified throughout the 5.6-acre building complex associated with insulation, floor tile/mastic, boiler mud, and roofing material. Much of the identified ACM is friable and creates a potential health hazard. Excerpts from the ACM survey report are provided in Appendix A. This ABCA addresses the abatement of ACM during building demolition/renovation to alleviate the public health concern with the existing Site condition and to facilitate redevelopment.

1.4 SITE RE-USE PLANS

The BDC plans to sell the property to a buyer that will redevelop the Site. The redevelopment plans include marketing to companies involved in energy and warehousing/distribution. The site has strong redevelopment potential given its location along the Ohio River with direct rail access.

2.0 APPLICABLE REGULATIONS AND CLEANUP STANDARDS

The asbestos removal and renovation work will be performed in accordance with the requirements of West Virginia Code 45CSR15 and 64CSR63. All required notifications will be made and the work will be performed by a West Virginia Bureau of Public Health licensed asbestos contractor. ACM waste will be disposed at an off-site permitted landfill in accordance with 40CFR260 and other applicable laws and regulations.



3.0 EVALUATION OF CLEANUP ALTERNATIVES

3.1 CLEANUP ALTERNATIVES AND ESTIMATED COSTS

Three alternatives are considered for addressing ACM at the site as discussed below.

Segregating ACM Prior To/During Demolition

Under this alternative, ACM in the buildings/structures to be razed would be removed to the extent practical prior to the start of demolition activities. The remainder would be removed or segregated from demolition debris to the extent practical as demolition proceeds. The segregated ACM would be would be disposed separately (from the demolition debris) at a permitted off-site facility. During demolition activities, independent oversight and ambient air monitoring would be performed by a West Virginia certified technician. Following the completion of demolition and ACM abatement activities, air and surface soil "clearance" sampling would be performed to verify no residual ACM remains.

The estimated cost for this alternative is as follows:

Work Plan and Notifications	\$1,000
Demolition to Access ACM	\$100,000
ACM Abatement/Disposal	
Third Party Final Monitoring	
Project Management	
Total	

One advantage of this alternative is that it would reduce total disposal costs by segregating ACM and demolition waste to the extent practical. Another advantage is the controlled removal of ACM reduces the likelihood of airborne ACM releases during demolition. Finally, this alternative is consistent with standard protocols and would not require special approvals by the West Virginia Department of Environmental Protection (WVDEP).

The only disadvantage with this alternative is that it would require more time to complete than the "Mass Demolition Alternative" described below.

Mass Demolition

Under this alternative, the buildings/structures to be razed would be demolished without selectively removing ACM. The resulting demolition debris would need to be disposed as asbestos waste at a permitted off-site facility. Demolition would be performed in a controlled manner to minimize airborne ACM to the extent practical. During demolition activities, independent oversight and ambient air monitoring would be performed by a West Virginia certified technician. Following the completion of demolition and ACM abatement activities, air and surface soil "clearance" sampling would be performed to verify no residual ACM remains.

The estimated cost for this alternative is as follows:

Work Plan and Notifications	\$1,000
Demolition	\$200,000
ACM/Debris Loading and Disposal	\$600,000
Third Party Final Monitoring	\$10,000
Project Management	\$5,000
Total	

The advantage of this alternative is that it could be performed more quickly than the "Segregating ACM Prior To/During Demolition" alternative described above.

Disadvantages include: 1) increased cost; 2) greater potential for airborne ACM releases that may cause public health concerns and/or contamination of surrounding soil; and 3) the likelihood that special approvals would be required by the WVDEP.

No Action

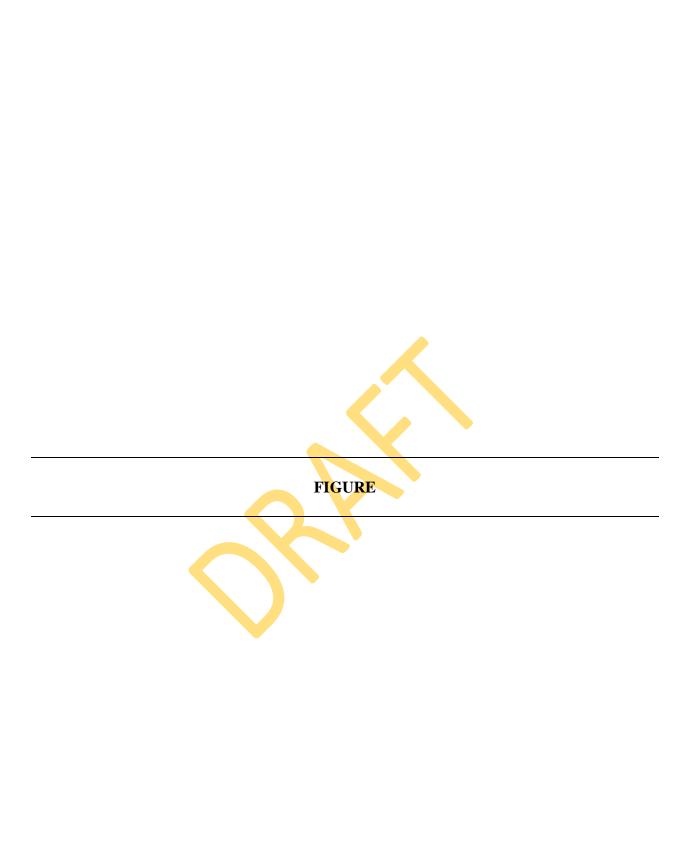
This alternative would involve no action, leaving the site in its current condition. This is not considered a viable alternative given the current potential for public health hazards related to unstable structures and uncontrolled ACM at the site.

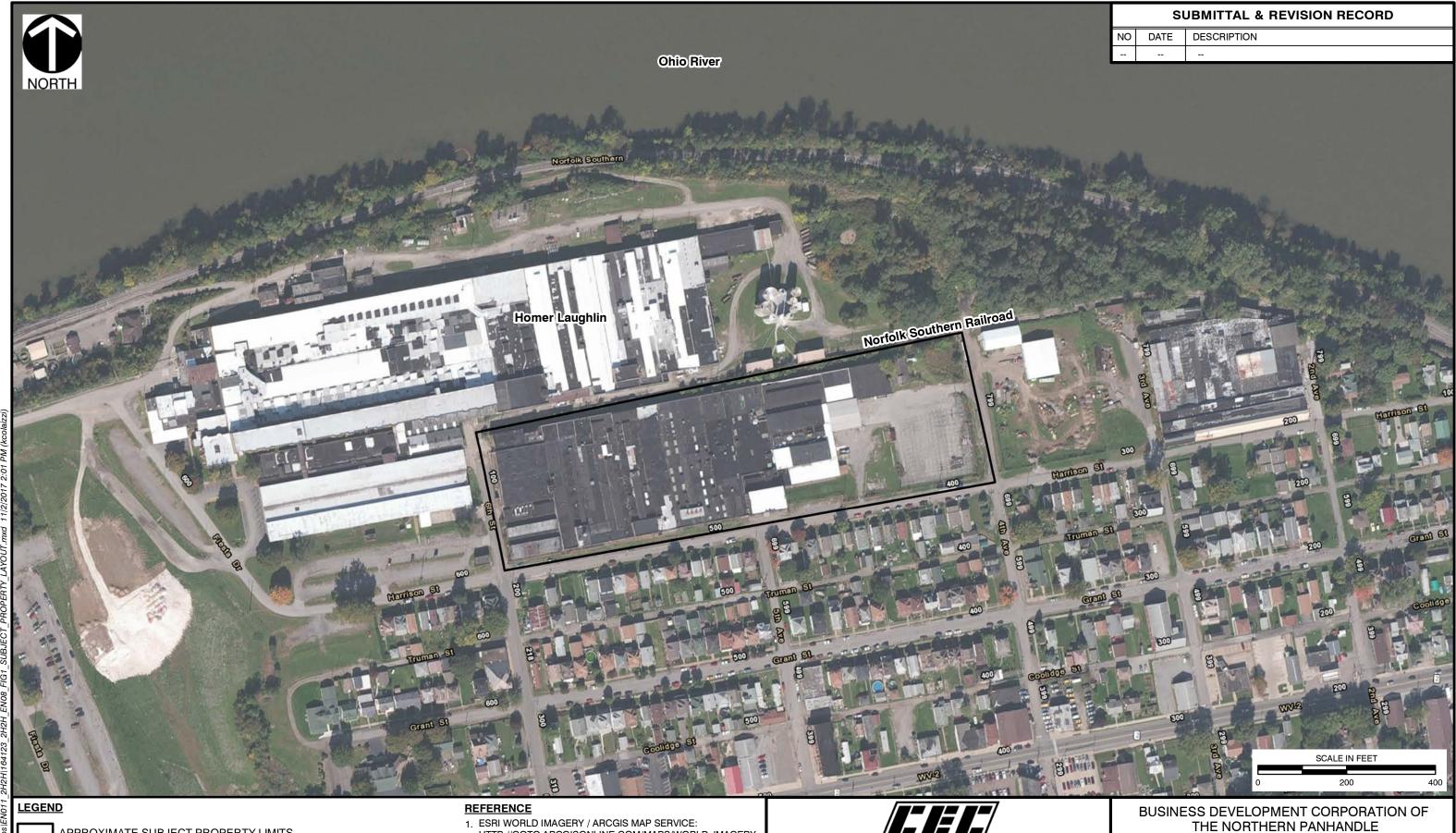
3.2 RECOMMENDED CLEANUP ALTERNATIVE

Based on the above evaluation, the recommended cleanup alternative is "Segregating ACM Prior To/During Demolition".

3.3 CONSIDERATION OF CHANGING CLIMATE

Given the short duration and permanent nature of the ACM abatement project, the effects of climate change will not be a factor.





APPROXIMATE SUBJECT PROPERTY LIMITS

HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD_IMAGERY, ACCESSED 11/2/2017, IMAGERY DATE: 2015.

Civil & Environmental Consultants, Inc.

4000 Triangle Lane, Suite 200 - Export, PA 15632 724-327-5200 •800-899-3610

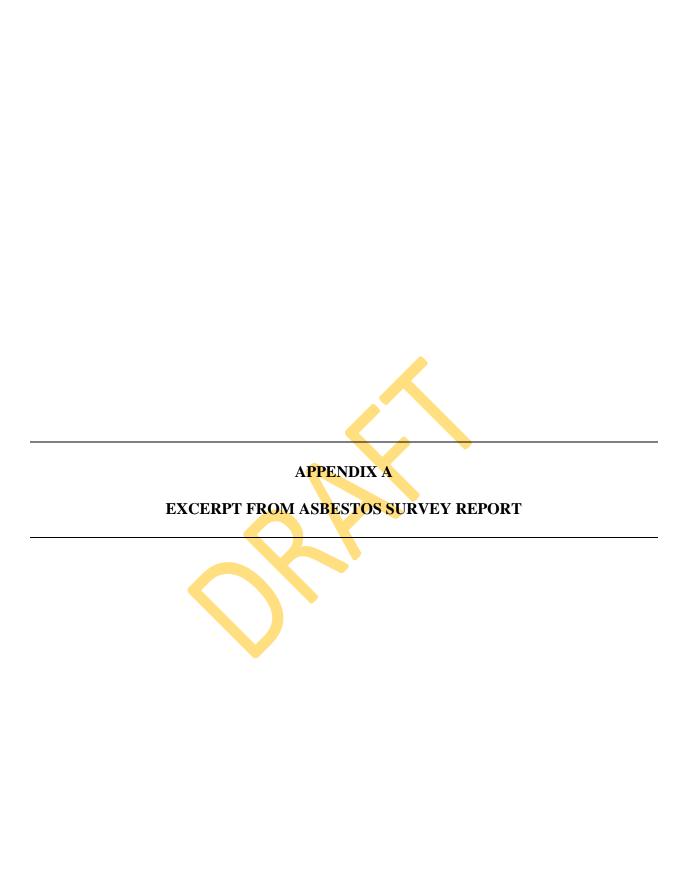
SUBJECT PROPERTY LAYOUT MAP

ABCA - NEWELL PORCELAIN PROPERTY

NEWELL, HANCOCK COUNTY, WEST VIRGINIA

DRAWN BY: KMC CHECKED BY: DRAFT APPROVED BY: DRAFT* FIGURE NO: 164-123.2H2H * Hand signature on file DATE: 11/02/2017 SCALE: 1 " = 200 ' PROJECT NO:

www.cecinc.com





FORMER NEWELL PORCELAIN FACILITY FIFTH & HARRISON STREETS NEWELL, WEST VIRGINIA (HANCOCK COUNTY)



ASBESTOS SURVEY REPORT

MID ATLANTIC JOB NUMBER: CEC-17-20

OCTOBER 2017

PREPARED FOR:

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
4000 TRIANGLE LANE
SUITE 200
EXPORT, PA 15632

PREPARED BY:

MID ATLANTIC ENVIRONMENTAL CONSULTANTS, INC.
5320 N. PIONEER ROAD
GIBSONIA, PA 15044
(724) 444-3460 – OFFICE
(724) 444-3463 – FAX
midatlantic@zoominternet.net – EMAIL



5320 North Pioneer Road Gibsonia, PA 15044 Phone: 724-444-3460 Fax: 724-444-3463

Email: midatlantic@zoominternet.net

October 24, 2017

Civil & Environmental Consultants, Inc. 4000 Triangle Lane Suite 200 Export, PA 15632

Attn: Mr. Dave Olson

Re: Summary of Asbestos Facility Survey

To Whom It May Concern:

Commencing Friday, October 6th, 2017 through Friday, October 13th, 2017, Mid Atlantic Environmental Consultants, Inc. inspection team mobilized and implemented an asbestos demolition survey at the Former Newell Porcelain Facility Buildings located at 500 Harrison Street in Newell, West Virginia (Hancock County). The purpose of this survey was to identify any asbestos containing building materials that may impact the potential future demolition of the existing facility with the exception of the Office Building as per the current site owner Haydall Redevelopment, LLC. All visible and accessible suspect asbestos containing building materials were retrieved and analyzed by Polarized Light Microscopy (PLM) with dispersion staining techniques. An asbestos inspection report indicating the results of the survey is enclosed. Mr. Edgar King, an EPA / West Virginia Certified Asbestos Inspector, conducted all survey work and was the designated survey team leader for this project. This survey and report are for informational purposes only and are based on the best available information at the time of the survey. The information is intended to provide a basis to solicit bids and develop a plan for abatement work. Additional ACMs may be present which are not able to be identified during the survey. Some areas of the facility were inaccessible at the time of MAEC's investigation; therefore, sampling was limited due to existing safety concerns. Once abatement activities begin and areas are exposed, additional ACMs may be discovered. A change in the scope of services to identify and categorize additional ACMs may be required.

Mid Atlantic Environmental Consultants, Inc. appreciates the opportunity to assist Civil & Environmental Consultants, Inc. with this project and look forward to assisting you on future assignments. Should you have any further questions or concerns do not hesitate to contact us by phone at: (724) 444-3460; or by e-mail at: midatlantic@zoominternet.net.

Sincerely,

Edgar J. King

Asbestos Building Inspector

WV License #: AI009156

Timothy E. Doniels

Managing Partner

WV License #: AD003952

Mid Atlantic Environmental Consultants, Inc. was retained by Civil & Environmental Consultants, Inc. to conduct an asbestos demolition survey at the Former Newell Porcelain Facility located at 500 Harrison Street in Newell, West Virginia (Hancock County). Survey work began on Friday, October 6th, 2017 and was completed on Friday, October 13th, 2017. Mid Atlantic representative Mr. Edgar King, accompanied by Mr. Mike Pirro and Mr. Dennis Gillespie, performed a visual inspection and collected bulk samples of suspect asbestos containing building and thermal insulation materials throughout accessible areas of the facility. Mr. King, who is an EPA / West Virginia Certified Asbestos Inspector, was the designated team leader during this asbestos investigation / survey.

At the time of Mid Atlantic's on-site investigation / asbestos survey, all buildings were un-occupied; however, vehicles occupied the north end of the main plant building for storage purposes. Current existing conditions and observations are as listed:

- Roofs and floors were collapsed in various areas throughout the facility.
- Facility rooftops were found to be structurally unsound during our on-site investigation. MAEC survey personnel sampled accessible roofing materials from collapsed areas and holes within the plant. All roofs were surveyed with the exception of the Office Building roof as per the direction of the current site owner Haydall Redevelopment, LLC. The Office Building roof / associated flashing is assumed to be asbestos containing and must be treated as such if demolition procedures are implemented.
- The plant floor area was strewn with associated former plant debris and roofing materials.
- There was no electricity or other utilities; therefore, all survey work was completed using flashlights for lighting.
- The basement area, located in the center of the facility, was inaccessible due to the floor and the steps being collapsed / caved in. Roofing materials / debris was found in this area as well due to the roof being collapsed.

The purpose of this survey was to identify any suspect asbestos containing building materials and thermal insulations (including facility rooftops) that may impact planned future demolition of the facility.

Bulk samples of suspect asbestos containing building materials were collected throughout the buildings and from the rooftops. A total of three-hundred eighty (380) samples, (436) including splits were collected at this time. Of those samples, one-hundred sixty-eight (168) were identified as being ACM. An asbestos containing material is defined as any material containing greater than one percent (>1%) asbestos. For a summary of all identified ACM, refer to Table 1—Asbestos Containing Materials. The complete listing of materials sampled is indicated in Appendix A—Building Inspection Results. Refer to Appendix B – for Sample Location Diagrams.

TABLE 1—ASBESTOS CONTAINING MATERIALS

MATERIAL	LOCATION	APPROX. QUANTITY	FRIABLE / NON-FRIABLE	ASBESTOS CONTENT
Tan Exterior Window Caulking	Office Building Exterior Windows	88 Windows @ 22 Ln Ft Each	Non-Friable	4-6 % Chrysotile
Tan / Grey Mud Insulation	Office Building 1 st Floor Under Bench Behind Radiator Also on Ground	16 Sq Ft Visible	Friable	15-20 % Chrysotile 15% Amosite
Black / Grey TSI Aircell	Office Building 1 st Floor Under Bench Behind Radiator Also on Ground	3 Ln Ft Visible	Friable	45 % Chrysotile

TABLE 1—ASBESTOS CONTAINING MATERIALS (Continued)

MATERIAL	LOCATION	APPROX. QUANTITY	FRIABLE/ NON- FRIABLE	ASBESTOS CONTENT
Grey Mud Fitting	Office Building 1 st Floor Under Bench Behind Radiator Also on Ground	2 Fittings Visible	Friable	15-25 % Chrysotile 15% Amosite
Grey TSI Aircell	Office Building 1 st Floor Right Rear Office (In Closet)	8 Ln Ft Visible	Friable	45 % Chrysotile
White 12 x 12 Floor Tile	Office Building Basement / Plant Level Men's & Women's Restrooms	270 Sq Ft	Non-Friable	2-5% Chrysotile
Black Floor Tile Mastic	Office Building Basement / Plant Level Men's & Women's Restrooms	270 Sq Ft	Non-Friable	5-8% Chrysotile
Black / Brown 12 x 12 Floor Tile	Office Building Basement / Plant Level Lab	650 Sq Ft	Non-Friable	4-5% Chrysotile
Black Floor Tile Mastic	Office Building Basement / Plant Level Lab	650 Sq Ft	Non-Friable	4-6% Chrysotile
Off White 6" Aircell TSI	Office Building Basement / Plant Level Throughout	250 Ln Ft	Friable	60% Chrysotile
Tan 4" Aircell TSI	Office Building Basement / Plant Level Throughout	240 Ln Ft	Friable	60-70% Chrysotile
Grey 6" TSI Fitting	Office Building Basement / Plant Level Throughout	14 Fittings Visible	Friable	10-15% Chrysotile
Grey 4" TSI Fitting	Office Building Basement / Plant Level Throughout	31 Fittings Visible	Friable	10-15% Chrysotile
Tan Boiler Mud	Office Building Basement / Plant Level On Boiler and Floor	150 Sq Ft	Friable	6-20% Chrysotile 5-14% Amosite
Grey Transite	2 nd Floor Storage Area Over Shop Wall Panels	720 Sq Ft	Non-Friable	20% Chrysotile
White 4" Aircell Pipe Insulation	Plant Area	1,820 Ln Ft Visible	Friable	55% Chrysotile
Grey / Brown 6" Aircell Pipe Insulation	Plant Area	470 Ln Ft Visible	Friable	5-55% Chrysotile
White 8" Mag. Pipe Insulation	Plant Area Dryer Area	240 Ln Ft Visible	Friable	4% Chrysotile 11% Amosite
Grey 8" Aircell Pipe Insulation	Plant Area Dryer Area	240 Ln Ft Visible	Friable	60-70% Chrysotile

TABLE 1—ASBESTOS CONTAINING MATERIALS (Continued)

MATERIAL	LOCATION	APPROX. QUANTITY	Friable/ Non-Friable	ASBESTOS CONTENT
Beige Transite	2 nd Floor Top of Rear Stairwell	200 Sq Ft	Non-Friable	20% Chrysotile
Grey Transite Type Material	Plant Area Ceiling By Kiln	1,000 Sq Ft	Non-Friable	20% Chrysotile
Grey Insulation (Under Fiberglass)	Plant Area Kiln – 14" Duct	120 Ln Ft	Friable	70% Chrysotile
Grey Aircell Duct Wrap	Plant Area Kiln – 14" Duct	210 Ln Ft	Friable	67% Chrysotile 3% Crocidolite
Grey Corrugated Transite	Plant Area Kiln Top	1,150 Ln Ft	Non-Friable	20% Chrysotile
Grey Transite Wall Panels	Plant Area Kiln Front	260 Sq Ft	Non-Friable	15% Chrysotile
Grey Transite	Plant Area Rear	260 Sq Ft	Non-Friable	15% Chrysotile
White Aircell (Over Insulation)	Plant Area Boiler Stack 16" Line	40 Ln Ft	Friable	20-70% Chrysotile 5% Amosite
White Mag. Insulation	Basement Rear 6" Line	80 Ln Ft Visible	Friable	3-10% Chrysotile 3-10% Amosite
White Mag. Insulation	Basement Boiler Room 8" Line	80 Ln Ft Visible	Friable	10-20% Chrysotile 10-20% Amosite
Grey 4" Aircell Pipe Insulation	Basement VAT Room	200 Ln Ft Visible	Friable	40-70% Chrysotile
White 4" Mag. Insulation	Basement Electric Room	60 Ln Ft Visible	Friable	20% Chrysotile
Black Roof Flashing	South End High Roof	450 Ln Ft	Non-Friable	5-30% Chrysotile
Black Roofing	Small Galbestos Roof East of Campbell Kiln	1,200 Sq Ft	Non-Friable	40% Chrysotile
Black Galbestos Roofing	Larger Section Galbestos Roof	4,350 Sq Ft	Non-Friable	40% Chrysotile

TABLE 1—ASBESTOS CONTAINING MATERIALS (Continued)

MATERIAL	LOCATION	APPROX. QUANTITY	FRIABLE/ NON-FRIABLE	ASBESTOS CONTENT
Black Galbestos Roof Flashing	Larger Section Galbestos Roof	360 Ln Ft	Non-Friable	5% Chrysotile
Black Galbestos Roofing	South East Section Galbestos Roof	4,650 Sq Ft	Non-Friable	25-40% Chrysotile
Grey Transite Wall & Roof Panels	North End of Kiln	16,120 Sq Ft	Non-Friable	15% Chrysotile
Black Roof Flashing	Roof Over Dryers	980 Ln Ft	Non-Friable	2% Chrysotile
Black Roofing	Higher Roof	5,800 Sq Ft	Non-Friable	3% Chrysotile
Black Roofing	Roof	29,650 Sq Ft	Non-Friable	3-4% Chrysotile
Black Roofing	Roof Under Metal	6,500 Sq Ft	Non-Friable	5% Chrysotile
Black Roofing	Roof Under Metal	6,500 Sq Ft	Non-Friable	10-30% Chrysotile
Black / Brown Roofing	Roof Under Metal	5,200 Sq Ft	Non-Friable	30% Chrysotile
Black / Brown Roof Flashing	Roof Under Metal	1,200 Ln Ft	Non-Friable	20-30% Chrysotile
Black / Brown Roofing	Low Roof North End Section	9,100 Sq Ft	Non-Friable	10% Chrysotile
Black / Brown Roof Flashing	Low Roof North End Section	640 Ln Ft	Non-Friable	5% Chrysotile
Grey / Black Galbestos Coating	South End Pole Building Exterior	1,920 Ln Ft	Non-Friable	65% Chrysotile
Black Roofing	South End Roof	5,600 Sq Ft	Non-Friable	5% Chrysotile
Black Roof Flashing	South End Roof	150 Ln Ft	Non-Friable	8% Chrysotile
Grey / White Transite	Larger Out Building Interior Wall	750 Sq Ft	Non-Friable	40% Chrysotile
Grey / Black Window Glazing	Larger Out Building Interior Window Glazing	8 Windows @ 80 Ln Ft Each	Non-Friable	4% Chrysotile
Grey / White Duct Tape	Larger Out Building Interior Duct	13 Ln Ft	Friable	55-60% Chrysotile
Grey / White Transite	Larger Out Building Exterior Roof	3,480 Sq Ft	Non-Friable	40% Chrysotile

TABLE 1—ASBESTOS CONTAINING MATERIALS (Continued)

MATERIAL	LOCATION	APPROX. QUANTITY	FRIABLE/ NON-FRIABLE	ASBESTOS CONTENT
Grey Interior Window Glazing	Gas Out Building	4 Windows @ 12 Ln Ft Each	Non-Friable	4% Chrysotile
Black / Brown Galbestos Roofing	Shack Next to Gas Building	144 Sq Ft	Non-Friable	60% Chrysotile
Roofing / Associated Flashing	Office Building	4,000 Sq Ft	Non-Friable	Assumed

AmeriSci Laboratories of Richmond, Virginia analyzed the bulk samples by Polarized Light Microscopy (PLM) methods. PLM analysis utilizes dispersion staining techniques as described by the Environmental Protection Agency (EPA) Method 600/M4-82-020. Refer to Appendix C for laboratory analysis results.

All asbestos abatement work should be conducted by a licensed asbestos abatement contractor prior to implementing any demolition activity procedures. Prior to the initiation of any asbestos abatement work, ensure that all of the delegated state and local pollution control agencies in the area and / or the EPA regional office are notified.

Refer to appendices for further information.

Appendix A—Facility Inspection Results

Appendix B—Sample Location Diagrams

Appendix C—Laboratory Analysis Results

Appendix D—Accreditation

Should you have any further questions, feel free to contact our office at (724) 444-3460.

DISCLAIMER

DATE OF ISSUE—October 24, 2017

This asbestos survey report was prepared by Mid Atlantic Environmental Consultants, Inc. The purpose of this survey is to provide general information for the potential upcoming demolition project related to the Former Newell Porcelain Facility Buildings located at 500 Harrison Street in Newell, West Virginia (Hancock County) regarding the presence of accessible and / or exposed building materials (including the roofs) that commonly contain asbestos. There is the distinct possibility that conditions exist which could not be identified within the scope of the study or which were not apparent during the site visit. Unexposed and / or physically inaccessible areas are not warranteed in regards to this specific asbestos survey. No warranties expressed or implied are made by Mid Atlantic or its employees, as to the use of any information, apparatus, product or process, disclosed in this report. If project bidding is to be performed in regards to asbestos abatement, it is recommended that all potential abatement contractors requantify all given quantities provided in this report. All given quantities of building materials are approximations only. This report is provided for the sole purpose of identifying visible / accessible asbestos containing building materials as outlined herein.

Appendix A – Facility Inspection Results

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 6, 2017

ASBESTOS CONTENT	None	None	None	None	None	None	None	None	None	None
FOR DAMAGE C	High	High	High	High	High	High	High	High	High	High
CONDITION	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor
APPROX	1,200 Sq Ft (A)	1,200 Sq Ft (B)	(A)	(B)	(A)	(B)	3,850 Sq Ft (C)	(C)	(C)	(C)
DESCRIPTION	White / Grey 1 x 1 Ceiling Tile	Brown Glue Dot	White / Grey 1 x 1 Ceiling Tile	Brown Glue Dot	White / Grey 1 x 1 Ceiling Tile	Brown Glue Dot	White Skim Coat Ceiling Plaster	Grey Base Coat Ceiling Plaster	White Skim Coat Ceiling Plaster	Grey Base Coat Ceiling Plaster
LOCATION	Office Building 2nd Floor Offices	Office Building 2nd Floor Throughout	Office Building 2nd Floor Throughout	Office Building 2nd Floor Throughout	Office Building					
SAMPLE	01	02	03	04	05	90	07A	07B	08A	08B

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

(724) 444-3460 Phone (724) 444-3463 Fax Mid Atlantic Environmental Consultants, Inc. 5320 N. Pioneer Road Gibsonia, PA 15044 Email: midatlantic@zoominternet.net

Building Inspection Results

Project: Newell Porcelain Plant - Fifth & Harrison Streets Client: Civil & Environmental Consultants, Inc.

Newell, West Virginia

Date: October 6, 2017

EPA / West Virginia Lic. No: AI009156 Inspector: Edgar King

07-	
/ 1-040	
imber:	
100 N	

ASBESTOS CONTENT	None	None	None	None	Trace	None	Trace	None	None
POTENTIAL FOR DAMAGE	High	High	High	High	High	High	High	High	High
CONDITION	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor
APPROX QUANTITY	(C)	(C)	(C)	(C)	(C)	3,150 Sq Ft (D)	(D)	(D)	(D)
DESCRIPTION	White Skim Coat Ceiling Plaster	Grey Base Coat Ceiling Plaster	Tan Ceiling Plaster	White Skim Coat Ceiling Plaster	Tan Base Coat Ceiling Plaster	White Skim Coat Wall Plaster	Tan Base Coat Wall Plaster	White Skim Coat Wall Plaster	Grey Base Coat Wall Plaster
LOCATION	Office Building 2nd Floor Throughout	Office Building 2nd Floor Throughout	Office Building 2 nd Floor Throughout	Office Building 2nd Floor Throughout	Office Building 2nd Floor Throughout	Office Building 2nd Floor Perimeter Walls	Office Building 2nd Floor Perimeter Walls	Office Building 2 nd Floor Perimeter Walls	Office Building 2 nd Floor Perimeter Walls
SAMPLE	09A	09B	10	11A	11B	12A	12B	13A	13B

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 6, 2017 Inspector: Edgar King

EPA / West Virginia Lic. No: A1009156

					T A WORKER A T	O TOTAL O
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
14A	Office Building	White Skim Coat Wall Plaster	(D)	Poor	High	None
14B	Office Building 2nd Floor Perimeter Walls	Tan Base Coat Wall Plaster	(D)	Poor	High	Trace
15A	Office Building 2nd Floor Perimeter Walls	White Skim Coat Wall Plaster	(D)	Poor	High	None
15B	Office Building 2nd Floor Perimeter Walls	Tan Base Coat Wall Plaster	(D)	Poor	High	Trace
16A	Office Building 2nd Floor Perimeter Walls	White Skim Coat Wall Plaster	(D)	Poor	High	None
16B	Office Building	Tan Base Coat Wall Plaster	(D)	Poor	High	Trace
17	Office Building Exterior Windows	Beige Exterior Window Glazing	88 Windows @ 60 Ln Ft Each (E)	Poor	High	None
18	Office Building Exterior Windows	Tan Exterior Window Caulking	88 Windows @ 22 Ln Ft Each (F)	Poor	High	4 %
19	Office Building 1st Floor Under Bench Behind Radiator Also on Ground	Tan Mud Insulation	16 Sq Ft Visible (G)	Poor	High	20 %
20	Office Building 1st Floor Under Bench Behind Radiator Also on Ground	Grey Mud Insulation	(B)	Poor	High	30 %

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc.

Project: Newell Porcelain Plant - Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 6, 2017 Inspector: Edgar King EPA / West Virginia Lic. No: AI009156

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
21	Office Building 1st Floor Under Bench Behind Radiator	Grey Mud Insulation	(g)	Poor	High	30 %
22	Office Building 1st Floor Under Bench Behind Radiator Also on Ground	Black / Grey TSI Aircell	3 Ln Ft Visible (H)	Poor	High	45 %
23	Office Building 1st Floor Under Bench Behind Radiator Also on Ground	Black / Grey TSI Aircell	(H)	Poor	High	45 %
24	Office Building 1st Floor Under Bench Behind Radiator Also on Ground	Black / Grey TSI Aircell	(H)	Poor	High	45 %
25	Office Building 1st Floor Under Bench Behind Radiator Also on Ground	Grey Mud Fitting	2 Fittings Visible (1)	Poor	High	25 %
26	Office Building 1st Floor Under Bench Behind Radiator Also on Ground	Grey Mud Fitting	(I)	Poor	High	25 %
27	Office Building 1st Floor Under Bench Behind Radiator Also on Ground	Grey Mud Fitting	(I)	Poor	High	35 %
28A	Office Building 1st Floor Offices to Left of Entrance Under Carpet	Tan / Brown 9 x 9 Floor Tile	900 Sq Ft (J)	Poor	High	None
28B	Office Building 1st Floor Offices to Left of Entrance Under Carpet	Black Floor Tile Mastic / Felt	(J)	Poor	High	None

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 6, 2017 Inspector: Edgar King EPA / West Virginia Lic. No: AI009156

			V Odda A		POTENTIAL	ASRESTOS
SAMPLE	LOCATION	DESCRIPTION	QUANTITY	CONDITION	FOR DAMAGE	CONTENT
29A	Office Building 1st Floor	Tan / Brown 9 x 9 Floor Tile	(J)	Poor	High	None
29B	Office Building 1st Floor	Black Floor Tile Mastic / Felt	(J)	Poor	High	None
30A	Office Building 1st Floor Offices to Left of Entrance Under Carpet	Tan / Brown 9 x 9 Floor Tile	(J)	Poor	High	None
30B	Office Building 1st Floor Offices to Left of Entrance Under Carpet	Black Floor Tile Mastic / Felt	(J)	Poor	High	None
31	Office Building 1st Floor Right Rear Office (In Closet)	Grey TSI Aircell	8 Ln Ft Visible (K)	Poor	High	45 %
32	Office Building 1st Floor Right Rear Office (In Closet)	Grey TSI Aircell	(K)	Poor	High	45 %
33	Office Building 1st Floor Right Rear Office (In Closet)	Grey TSI Aircell	(K)	Poor	High	45 %
34A	Office Building 1st Floor Throughout	White Wall Covering	3,850 Sq Ft (L)	Poor	High	None
34B	Office Building 1st Floor Throughout	White Skim Coat Ceiling Plaster	(T)	Poor	High	None
34C	Office Building 1st Floor Throughout	White Base Coat Ceiling Plaster	(T)	Poor	High	Trace
35A	Office Building 1st Floor Throughout	White Wall Covering	(T)	Poor	High	None
35B	Office Building 1st Floor Throughout	White Skim Coat Ceiling Plaster	(T)	Poor	High	None
35C	Office Building 1st Floor Throughout	White Base Coat Ceiling Plaster	(T)	Poor	High	Trace

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 6, 2017

					A T MANAGE TO COMMAND OF THE	
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
36A	Office Building 1st Floor Throughout	White Wall Covering	(T)	Poor	High	None
36B	Office Building 1st Floor Throughout	White Skim Coat Ceiling Plaster	(T)	Poor	High	None
36C	Office Building 1st Floor Throughout	Grey Coat Ceiling Plaster	(T)	Poor	High	Trace
37A	Office Building 1st Floor Throughout	White Wall Covering	(T)	Poor	High	None
37B	Office Building 1st Floor Throughout	White Skim Coat Ceiling Plaster	(T)	Poor	High	None
37C	Office Building 1st Floor Throughout	White Base Coat Ceiling Plaster	(T)	Poor	High	Trace
38A	Office Building 1st Floor Throughout	White Wall Covering	(T)	Poor	High	None
38B	Office Building 1st Floor Throughout	White Skim Coat Ceiling Plaster	(T)	Poor	High	None
38C	Office Building 1st Floor Throughout	Grey Base Coat Ceiling Plaster	(T)	Poor	High	Trace
39A	Office Building 1st Floor Throughout	White Skim Coat Wall Plaster	7,100 Sq Ft (M)	Poor	High	None
39B	Office Building 1st Floor Throughout	Grey Base Coat Wall Plaster	(M)	Poor	High	Trace
40A	Office Building 1st Floor Throughout	White Skim Coat Wall Plaster	(M)	Poor	High	None
40B	Office Building 1st Floor Throughout	Grey Base Coat Wall Plaster	(M)	Poor	High	Trace

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

(724) 444-3460 Phone (724) 444-3463 Fax Mid Atlantic Environmental Consultants, Inc. Email: midatlantic@zoominternet.net 5320 N. Pioneer Road Gibsonia, PA 15044

Building Inspection Results

Project: Newell Porcelain Plant - Fifth & Harrison Streets Client: Civil & Environmental Consultants, Inc.

Newell, West Virginia

Job Number: CEC-17-20

Date: October 6, 2017

EPA / West Virginia Lic. No: AI009156 Inspector: Edgar King

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOTENTIAL FOR DAMAGE	CONTENT
	Office Building	White Skim Coat Wall Plaster	(M)	Poor	High	None
	Office Building 1st Floor Throughout	Grey Base Coat Wall Plaster	(M)	Poor	High	None
	Office Building 1st Floor Throughout	White Skim Coat Wall Plaster	(M)	Poor	High	None
	Office Building 1st Floor Throughout	Grey Base Coat Wall Plaster	(M)	Poor	High	None
43A	Office Building 1st Floor Throughout	White Skim Coat Wall Plaster	(M)	Poor	High	None
	Office Building 1st Floor Throughout	Grey Base Coat Wall Plaster	(M)	Poor	High	None
	Office Building Exterior Windows	Tan Exterior Window Glazing	(E)	Poor	High	None
	Office Building Exterior Windows	Black / Grey Exterior Window Caulking	(F)	Poor	High	% 9
	Office Building Basement / Plant Level	White / Yellow 2 x 2 Ceiling Tile	270 Sq Ft (N)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

None

High

Poor

White / Yellow 2 x 2 Ceiling Tile

Office Building Basement / Plant Level

Men's & Women's Restrooms

Men's & Women's Restrooms

46

47

48

Office Building Basement / Plant Level

Men's & Women's Restrooms

White / Yellow 2 x 2 Ceiling Tile

 $\left(\mathbf{z}\right)$ (\mathbf{Z}) None

High

Poor

 (\mathbf{Z})

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 9, 2017 Inspector: Edgar King EPA / West Virginia Lic. No: AI009156

			X D add A		POTENTIAL	ASBESTOS
SAMPLE	LOCATION	DESCRIPTION	QUANTITY	CONDITION	FOR DAMAGE	CONTENT
49A	Office Building Basement / Plant Level Men's & Women's Restrooms	White 12 x 12 Floor Tile	270 Sq Ft (O)	Poor	High	2 %
49B	Office Building Basement / Plant Level Men's & Women's Restrooms	Black Floor Tile Mastic	(0)	Poor	High	2 %
50A	Office Building Basement / Plant Level Men's & Women's Restrooms	White 12 x 12 Floor Tile	(0)	Poor	High	2 %
50B	Office Building Basement / Plant Level Men's & Women's Restrooms	Black Floor Tile Mastic	(0)	Poor	High	% 8
51A	Office Building Basement / Plant Level Men's & Women's Restrooms	White 12 x 12 Floor Tile	(0)	Poor	High	4 %
\$1B	Office Building Basement / Plant Level Men's & Women's Restrooms	Black Floor Tile Mastic	(0)	Poor	High	% 8
52A	Office Building Basement / Plant Level Men's & Women's Restrooms	Brown 4" Cove Base	100 Ln Ft (P)	Poor	High	None
52B	Office Building Basement / Plant Level Men's & Women's Restrooms	Brown Cove Base Adhesive	(P)	Poor	High	None
53A	Office Building Basement / Plant Level Men's & Women's Restrooms	Brown 4" Cove Base	(P)	Poor	High	None
53B	Office Building Basement / Plant Level Men's & Women's Restrooms	Brown Cove Base Adhesive	(P)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 9, 2017

ASBESTOS CONTENT	None	None	4 %	%9	4 %	4 %	2 %	4 %	None	None
POTENTIAL FOR DAMAGE	High	High	High	High	High	High	High	High	High	High
CONDITION	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor	Poor
APPROX QUANTITY	(P)	(P)	650 Sq Ft (Q)	(Q)	(Q)	(0)	(0)	(0)	650 Sq Ft (R)	650 Sq Ft
DESCRIPTION	Brown 4" Cove Base	Brown Cove Base Adhesive	Black 12 x 12 Floor Tile	Black Floor Tile Mastic	Black 12 x 12 Floor Tile	Black Floor Tile Mastic	Brown 12 x 12 Floor Tile	Black Floor Tile Mastic	Brown 1 x 1 Ceiling Tile	Brown Glue Dollop
LOCATION	Office Building Basement / Plant Level Men's & Women's Restrooms	Office Building Basement / Plant Level Men's & Women's Restrooms	Office Building Basement / Plant Level Lab	Office Building Basement /						
SAMPLE	54A	54B	55A	55B	56A	56B	57A	57B	58	03

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

(724) 444-3460 Phone (724) 444-3463 Fax Mid Atlantic Environmental Consultants, Inc. Email: midatlantic@zoominternet.net 5320 N. Pioneer Road Gibsonia, PA 15044

Building Inspection Results

Project: Newell Porcelain Plant - Fifth & Harrison Streets Client: Civil & Environmental Consultants, Inc.

Newell, West Virginia

Job Number: CEC-17-20

Date: October 9, 2017

EPA / West Virginia Lic. No: AI009156 Inspector: Edgar King

SAMPLE	LOCATION	DESCRIPTION	APPROX	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
OFFICE OFFI			QUANTILLI			
09	Office Building Basement / Plant Level Lab	Brown 1 x 1 Ceiling Tile	(R)	Poor	High	None
61	Office Building Basement / Plant Level Lab	Brown Glue Dollop	(8)	Poor	High	None
62	Office Building Basement / Plant Level Lab	Brown 1 x 1 Ceiling Tile	(R)	Poor	High	None
63	Office Building Basement / Plant Level Lab	Brown Glue Dollop	(8)	Poor	High	None
64	Office Building Basement / Plant Level Throughout	Tan Ceiling Plaster	3,400 Sq Ft (T)	Poor	High	Trace
59	Office Building Basement / Plant Level Throughout	Off White 6" Aircell TSI	250 Ln Ft (U)	Poor	High	% 09
99	Office Building Basement / Plant Level Throughout	Tan 4" Aircell TSI	240 Ln Ft (V)	Poor	High	20 %
29	Office Building Basement / Plant Level Throughout	Grey 6" TSI Fitting	14 Fittings Visible (W)	Poor	High	15 %
89	Office Building Basement / Plant Level Throughout	Grey 4" TSI Fitting	31 Fittings Visible (X)	Poor	High	15 %
69	Office Building Basement / Plant Level Throughout	Tan Wall Plaster	7,650 Sq Ft (Y)	Poor	High	Trace

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 9, 2017 Inspector: Edgar King

mspector. Lugar Nung EPA / West Virginia Lic. No: A1009156

					T A TOTAL TOTAL	ACDECTOC
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
70	Office Building Basement / Plant Level Throughout	White 6" TSI	(U)	Poor	High	% 09
7.1	Office Building Basement / Plant Level Throughout	Tan 4" TSI	(V)	Poor	High	% 09
72	Office Building Basement / Plant Level Throughout	Grey 4" TSI Fitting	(M)	Poor	High	10 %
73	Office Building Basement / Plant Level Throughout	Brown Ceiling Plaster	(T)	Poor	High	Trace
74	Office Building Basement / Plant Level Throughout	Brown Wall Plaster	(X)	Poor	High	Trace
75	Office Building Basement / Plant Level Throughout	Brown Ceiling Plaster	(T)	Poor	High	None
92	Office Building Basement / Plant Level Throughout	Brown Ceiling Plaster	(T)	Poor	High	None
77	Office Building Basement / Plant Level Throughout	Brown Wall Plaster	(X)	Poor	High	None
78	Office Building Basement / Plant Level Throughout	Brown Wall Plaster	(X)	Poor	High	None
79	Office Building Basement / Plant Level Small Office	Tan 1 x 1 Ceiling Tile	160 Sq Ft (Z)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 9, 2017

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
80	Office Building Basement / Plant Level Small Office	Tan 1 x 1 Ceiling Tile	(Z)	Poor	High	None
81	Office Building Basement / Plant Level Small Office	Tan 1 x 1 Ceiling Tile	(Z)	Poor	High	None
82	Office Building Basement / Plant Level Small Office	White 6" Aircell TSI	(U)	Poor	High	% 09
83	Office Building Basement / Plant Level Small Office	White 4" Aircell TSI	(V)	Poor	High	% 09
84	Office Building Basement / Plant Level Small Office	Grey 6" TSI Fitting	(W)	Poor	High	10 %
85	Office Building Basement / Plant Level Small Office	Grey 4" TSI Fitting	(X)	Poor	High	10 %
98	Office Building Basement / Plant Level Small Office	Grey Ceiling Plaster	(T)	Poor	High	None
87	Office Building Basement / Plant Level Small Office	Brown Wall Plaster	(X)	Poor	High	Trace
88	Office Building Basement / Plant Level On Boiler and Floor	Tan Boiler Mud	150 Sq Ft (AA)	Poor	High	25 %
68	Office Building Basement / Plant Level On Boiler and Floor	Tan Boiler Mud	(AA)	Poor	High	25 %

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 9, 2017

					T A TOTAL TOTAL OF	ACTION
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
06	Office Building Basement / Plant Level On Boiler and Floor	Beige Boiler Mud	(AA)	Poor	High	20 %
91	Office Building Basement / Plant Level Boiler Room	Brown Ceiling Plaster	150 Sq Ft (BB)	Poor	High	None
92	Office Building Basement / Plant Level Boiler Room	Brown Ceiling Plaster	(BB)	Poor	High	None
93	Office Building Basement / Plant Level Boiler Room	Brown Ceiling Plaster	(BB)	Poor	High	None
94	Office Building Basement / Plant Level Storage Rooms	Brown Ceiling Plaster	300 Sq Ft (CC)	Poor	High	None
95	Office Building Basement / Plant Level Storage Rooms	Brown Ceiling Plaster	(00)	Poor	High	None
96	Office Building Basement / Plant Level Storage Rooms	Brown Ceiling Plaster	(00)	Poor	High	None
67	Office Building Throughout	Tan Exterior Window Glazing	(E)	Poor	High	None
86	Office Building Throughout	Tan Exterior Window Caulking	(F)	Poor	High	8 %

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 9, 2017

					A CAMPAGE CONTRACTOR	COECHE
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
99A	2 nd Floor Storage Area Over Shop Wall Panels	Grey Transite	720 Sq Ft (DD)	Poor	High	20 %
99B	2nd Floor Storage Area Over Shop Wall Panels	Tan Insulation Board	(DD)	Poor	High	None
100A	2nd Floor Storage Area Over Shop Wall Panels	Grey Transite	(DD)	Poor	High	20 %
100B	2nd Floor Storage Area Over Shop Wall Panels	Tan Insulation Board	(DD)	Poor	High	None
101A	2nd Floor Storage Area Over Shop Wall Panels	Grey Transite	(DD)	Poor	High	20 %
101B	2nd Floor Storage Area Over Shop Wall Panels	Tan Insulation Board	(DD)	Poor	High	None
102	2 nd Floor Storage Area Over Shop Wall Panels	Brown Wallboard	8,600 Sq Ft (EE)	Poor	High	None
103	2nd Floor Storage Area Over Shop Wall Panels	Black / Brown Wallboard	(EE)	Poor	High	None
104	2nd Floor Storage Area Over Shop Wall Panels	Brown Wallboard	(EE)	Poor	High	None
105	2nd Floor Storage Area Over Shop Wall Panels	Black / Brown Insulation (Behind Wallboard)	8,600 Sq Ft (FF)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

(724) 444-3460 Phone (724) 444-3463 Fax Mid Atlantic Environmental Consultants, Inc. 5320 N. Pioneer Road Gibsonia, PA 15044 Email: midatlantic@zoominternet.net

Building Inspection Results

Project: Newell Porcelain Plant - Fifth & Harrison Streets Client: Civil & Environmental Consultants, Inc.

Newell, West Virginia

Job Number: CEC-17-20

Date: October 9 / 10, 2017

EPA / West Virginia Lic. No: AI009156 Inspector: Edgar King

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
106	2 nd Floor Storage Area Over Shop Wall Panels	Brown Insulation (Behind Wallboard)	(FF)	Poor	High	None
107	2nd Floor Storage Area Over Shop Wall Panels	Black / Brown Insulation (Behind Wallboard)	(FF)	Poor	High	None
108	2 nd Floor Storage Area Over Shop – Ceiling	Brown 18 x 18 Ceiling Tile	1,150 Sq Ft (GG)	Poor	High	None
109	2 nd Floor Storage Area Over Shop – Ceiling	Black / Brown Insulation (Behind Ceiling Tile)	1,150 Sq Ft (HH)	Poor	High	None
110	2 nd Floor Storage Area Over Shop – Ceiling	Brown 18 x 18 Ceiling Tile	(99)	Poor	High	None
111	2 nd Floor Storage Area Over Shop – Ceiling	Black / Brown Insulation (Behind Ceiling Tile)	(HH)	Poor	High	None
112	2 nd Floor Storage Area Over Shop – Ceiling	Brown 18 x 18 Ceiling Tile	(99)	Poor	High	None
113	2nd Floor Storage Area Over Shop – Ceiling	Black / Brown Insulation (Behind Ceiling Tile)	(HH)	Poor	High	None
114	Interior Windows Throughout Plant	Black Interior Window Glazing	680 Windows @ 60 – 150 Ln Ft Each (II)	Poor	High	None
115	Plant Area	White 4" Aircell Pipe Insulation	1,820 Ln Ft Visible (JJ)	Poor	High	55 %

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 10, 2017 Inspector: Edgar King

EPA / West Virginia Lic. No: AI009156

SAMPLE LOCATION 116 Plant Area 117 Plant Area 118 Plant Area 120 Plant Area Rear 121 Plant Area Rear 122 Plant Area Rear			THE CHARLES		DOTTINGT AT	- 717.120V
	NOL	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
	иеа	Grey 4" Aircell Pipe Insulation	(JJ)	Poor	High	55 %
	vrea	Grey 6" Aircell Pipe Insulation	470 Ln Ft Visible (KK)	Poor	High	55 %
	vrea	White / Yellow 4" Fiberglass Pipe Insulation	300 Ln Ft Visible (LL)	Poor	High	None
	vrea	White / Yellow 4" Fiberglass Pipe Insulation	(TT)	Poor	High	None
	Vrea	White / Yellow 4" Fiberglass Pipe Insulation	(TT)	Poor	High	None
	a Rear	Grey / Brown 6" Aircell Pipe Insulation	(KK)	Poor	High	2 %
	a Rear	Grey 6" Aircell Pipe Insulation	(KK)	Poor	High	% 05
Plant Area Rear	a Rear	Grey / Brown 6" Aircell Pipe Insulation	(KK)	Poor	High	Trace
124 Plant Area	Vrea	Grey 4" Aircell Pipe Insulation	(JJ)	Poor	High	25 %
125 Plant Area Dryer Area	ryer Area	White 8" Mag. Pipe Insulation	240 Ln Ft Visible (MM)	Poor	High	11%

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 10, 2017 Inspector: Edgar King EPA / West Virginia Lic. No: AI009156

	NOME A CO.	DESCRIPTION	APPROX	CONDITION	POTENTIAL FOR PAMACE	ASBESTOS
SAMPLE	LOCATION	DESCRIPTION	QUANTITIY		FOR DAMAGE	CONTENT
126	Plant Area Dryer Area	White 8" Mag. Pipe Insulation	(MM)	Poor	High	11 %
127	Plant Area Dryer Area	White 8" Mag. Pipe Insulation	(MM)	Poor	High	11 %
128	Plant Area Dryer Area	Grey 8" Aircell Pipe Insulation	240 Ln Ft Visible (NN)	Poor	High	70 %
129	Plant Area Dryers	Grey 8" Aircell Pipe Insulation	(NN)	Poor	High	70 %
130	Plant Area Dryers	Grey 8" Aircell Pipe Insulation	(NN)	Poor	High	% 09
131	Plant Area	Grey 4" Aircell Pipe Insulation	(JJ)	Poor	High	% 09
132	2nd Floor Top of Rear Stairwell	Beige Transite	200 Sq Ft (NN)	Poor	High	20 %
133	2nd Floor Top of Rear Stairwell	Beige Transite	(NN)	Poor	High	20 %
134	2nd Floor Top of Rear Stairwell	Beige Transite	(NN)	Poor	High	20 %
135	Plant Area Kiln – 4' Round	Pink Kiln Duct Fiberglass Insulation	280 Ln Ft (00)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 10, 2017 Inspector: Edgar King

EPA / West Virginia Lic. No: A1009156

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
136	Plant Area Kiln	Pink Kiln Duct Fiberglass Insulation	(00)	Poor	High	None
137	Plant Area Kiln	Pink Kiln Duct Fiberglass Insulation	(00)	Poor	High	None
138	Plant Area Rear	Beige / Brown Refractory Debris	2,800 Sq Ft (PP)	Poor	High	None
139	Plant Area Rear	Beige / Brown Refractory Debris	(PP)	Poor	High	None
140	Plant Area Rear	Beige Refractory Debris	(PP)	Poor	High	None
141	Plant Area Rear	Beige Fire Brick Debris	(PP)	Poor	High	None
142	Plant Area Rear	Beige Fire Brick Debris	(PP)	Poor	High	None
143	Plant Area Rear	Beige Fire Brick Debris	(PP)	Poor	High	None
144	Plant Area Kiln	Brown Refractory Debris	7,200 Sq Ft (QQ)	Poor	High	None
145	Plant Area Kiln	Brown Refractory Debris	(66)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

(724) 444-3460 Phone (724) 444-3463 Fax Mid Atlantic Environmental Consultants, Inc. 5320 N. Pioneer Road Email: midatlantic@zoominternet.net Gibsonia, PA 15044

Building Inspection Results

Project: Newell Porcelain Plant – Fifth & Harrison Streets Client: Civil & Environmental Consultants, Inc.

Newell, West Virginia

Job Number: CEC-17-20

Date: October 10, 2017

					A T AMERICA OF THE PARTY OF THE	OCHOCK OF
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
146	Plant Area Kiln	Brown Refractory Debris	(66)	Poor	High	None
147	Plant Area Kiln	Beige Fire Brick Debris	(66)	Poor	High	None
148	Plant Area Kiln	Beige Fire Brick Debris	(00)	Poor	High	None
149	Plant Area Kiln	Beige Fire Brick Debris	(66)	Poor	High	None
150A	Plant Area Ceiling By Kiln	Grey Transite Type Material	1,000 Sq Ft (RR)	Poor	High	20 %
150B	Plant Area Ceiling By Kiln	Cream Insulation	(RR)	Poor	High	None
151A	Plant Area Ceiling By Kiln	Grey Transite Type Material	(RR)	Poor	High	20 %
151B	Plant Area Ceiling By Kiln	Cream Insulation	(RR)	Poor	High	None
152A	Plant Area Ceiling By Kiln	Grey Transite Type Material	(RR)	Poor	High	20 %
152B	Plant Area Ceiling By Kiln	Cream Insulation	(RR)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 10, 2017

			APPROX		POTENTIAL	ASBESTOS
SAMPLE	LOCATION	DESCRIPTION	QUANTITY	CONDITION	FOR DAMAGE	CONTENT
153A	Plant Area Kiln – 14" Duct	Cream Fiberglass Insulation	120 Ln Ft (SS)	Poor	High	None
153B	Plant Area Kiln – 14" Duct	Grey Insulation	(SS)	Poor	High	20 %
154A	Plant Area Kiln – 14" Duct	Cream Fiberglass Insulation	(SS)	Poor	High	None
154B	Plant Area Kiln – 14" Duct	Grey Insulation	(SS)	Poor	High	20 %
155A	Plant Area Kiln – 14" Duct	Cream Fiberglass Insulation	(SS)	Poor	High	None
155B	Plant Area Kiln – 14" Duct	Grey Insulation	(SS)	Poor	High	20 %
156	Plant Area Kiln – 14" Duct	Grey Aircell Duct Wrap	210 Ln Ft (TT)	Poor	High	% 02
157	Plant Area Kiln – 14" Duct	Grey Aircell Duct Wrap	(TT)	Poor	High	% 02
158	Plant Area Kiln – 14" Duct	Grey Aircell Duct Wrap	(TT)	Poor	High	% 02
159	Plant Area Kiln Top	Grey Corrugated Transite	1,150 Sq Ft (UU)	Poor	High	20 %
160	Plant Area Kiln Top	Grey Corrugated Transite	(UU)	Poor	High	20 %

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS CONTENT
161	Plant Area Kiln Top	Grey Corrugated Transite	(nn)	Poor	High	10 %
162A	Plant Area Kiln Front	Grey Transite Wall Panels	260 Sq Ft (VV)	Poor	High	15 %
162B	Plant Area Kiln Front	Brown Insulation	(VV)	Poor	High	None
163A	Plant Area Kiln Front	Grey Transite Wall Panels	(VV)	Poor	High	15 %
163B	Plant Area Kiln Front	Brown Insulation	(AA)	Poor	High	None
164A	Plant Area Kiln Front	Grey Transite Wall Panels	(VV)	Poor	High	15 %
164B	Plant Area Kiln Front	Brown Insulation	(VV)	Poor	High	None
165	Plant Area Kiln	Tan Fire Brick	16,800 Sq Ft (WW)	Poor	High	None
166	Plant Area Kiln	Tan Fire Brick	(MM)	Poor	High	None
167	Plant Area Kiln	Tan Fire Brick	(MM)	Poor	High	None
168	Plant Area Dryers	Grey Caulking	21 Dryers @ 25' / Dryer (XX)	Poor	High	None
169	Plant Area Dryers	Grey Caulking	(XX)	Poor	High	None
170	Plant Area Dryers	Grey Caulking	(XX)	Poor	High	None

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

 $\ensuremath{\mathsf{EPA}}\xspace$ / West Virginia Lic. No: Al009156

Date: October 12, 2017 Inspector: Edgar King

Job Number: CEC-17-20

			A O d d d		DOTFNITAL	ASRESTOS
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
171	Plant Area Dryers	Black Dryer Entry Tarp	10 Tarps @ 100 Sq Ft Each (YY)	Poor	High	None
172	Plant Area Dryers	Black Dryer Entry Tarp	(YY)	Poor	High	None
173	Plant Area Dryers	Black Dryer Entry Tarp	(YY)	Poor	High	None
174	Plant Area 2 nd Floor Over Kiln	Tan Ceiling Plaster	1,250 Sq Ft (ZZ)	Poor	High	None
175	Plant Area 2 nd Floor Over Kiln	Tan Ceiling Plaster	(ZZ)	Poor	High	None
176	Plant Area 2 nd Floor Over Kiln	Tan Ceiling Plaster	(ZZ)	Poor	High	None
177A	Plant Area 2 nd Floor Over Kiln	Grey Skim Coat Wall Plaster	2,850 Sq Ft (A2)	Poor	High	None
177B	Plant Area 2 nd Floor Over Kiln	Tan Base Coat Wall Plaster	(A2)	Poor	High	None
178A	Plant Area 2 nd Floor Over Kiln	Grey Skim Coat Wall Plaster	(A2)	Poor	High	None
178B	Plant Area 2 nd Floor Over Kiln	Tan Base Coat Wall Plaster	(A2)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017 Inspector: Edgar King EPA / West Virginia Lic. No: AI009156

			APPROX	The Call of the Color	POTENTIAL	ASBESTOS
SAMPLE	LOCATION	DESCRIPTION	QUANTITY	CONDITION	FOR DAMAGE	CONTENT
179	Plant Area 2 nd Floor Over Kiln	Tan Wall Plaster	(A2)	Poor	High	None
180	Plant Area Elma Kiln	White Kiln Interior Insulation	1,450 Sq Ft (B2)	Poor	High	None
181	Plant Area Elma Kiln	White Kiln Interior Insulation	(B2)	Poor	High	None
182	Plant Area Elma Kiln	White Kiln Interior Insulation	(B2)	Poor	High	None
183	Plant Area Elma Kiln Debris	Brown Formed Panels	400 Sq Ft (C2)	Poor	High	None
184	Plant Area Elma Kiln Debris	Brown Formed Panels	(C2)	Poor	High	None
185	Plant Area Elma Kiln Debris	Brown Formed Panels	(C2)	Poor	High	None
186	Plant Area Denver Kiln	White Fire Brick	1,800 Sq Ft (D2)	Poor	High	None
187	Plant Area Denver Kiln	White Fire Brick	(D2)	Poor	High	None
188	Plant Area Denver Kiln	White Fire Brick	(D2)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

	None	None None	None None None	None None None None	None None None None	None None None None None None	None None None None None None
	High	High High High	High High High	High High High High	High High High High High	High High High High High High	High High High High High High High
	Poor	Poor Poor	Poor Poor	Poor Poor Poor	Poor Poor Poor Poor	Poor Poor Poor Poor Poor	Poor Poor Poor Poor Poor Poor
(E2)	(E2)	(E2) 400 Sq Ft (F2)	(E2) 400 Sq Ft (F2) (F2)	(E2) 400 Sq Ft (F2) (F2) (F2)	(E2) 400 Sq Ft (F2) (F2) (F2)	(E2) 400 Sq Ft (F2) (F2) (F2) (II)	(E2) 400 Sq Ft (F2) (F2) (F2) (I1) (II) (II) (G2)
Tan Fire Brick	White Fire Brick				Wh		
Plant Area Campbell Kiln	Plant Area Campbell Kiln	Plant Area Campbell Kiln Plant Area Rear Office Area	Plant Area Campbell Kiln Plant Area Rear Office Area Plant Area Rear	Plant Area Campbell Kiln Plant Area Rear Office Area Plant Area Rear	Plant Area Campbell Kiln Plant Area Rear Office Area Plant Area Rear Plant Area Rear	Plant Area Campbell Kiln Plant Area Rear Office Area Plant Area Rear Plant Area Rear Plant Area Rear	Plant Area Campbell Kiln Plant Area Rear Office Area Plant Area Rear Plant Area Rear Plant Area Rear Plant Area Rear
189 I	191 P						

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017
Inspector: Edgar King

EPA / West Virginia Lic. No: A1009156

					A Table of the last of the las	O CHOCKEO
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
199	Plant Area Rear	Grey Transite	(G2)	Poor	High	15 %
200A	Plant Area Boiler Stack 16" Line	White Insulation	40 Ln Ft Visible (H2)	Poor	High	25 %
200B	Plant Area Boiler Stack 16" Line	White Aircell (Over Insulation)	(H2)	Poor	High	% 02
201A	Plant Area Boiler Stack 16" Line	White Insulation	(H2)	Poor	High	25 %
201B	Plant Area Boiler Stack 16" Line	White Aircell (Over Insulation)	(H2)	Poor	High	% 59
202A	Plant Area Boiler Stack 16" Line	White Insulation	(H2)	Poor	High	25 %
202B	Plant Area Boiler Stack 16" Line	White Aircell (Over Insulation)	(H2)	Poor	High	65 %
203	Basement Rear 4" Line	Brown / Black Aircell Pipe Insulation	105 Ln Ft Visible (12)	Poor	High	None
204	Basement Rear 4" Line	Brown / Black Aircell Pipe Insulation	(12)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017 Inspector: Edgar King

EPA / West Virginia Lic. No: AI009156

			A STATE OF THE STA		DOTENTIAL	ACRECTOS
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
205	Basement Rear 4" Line	Black / Brown Aircell Pipe Insulation	(12)	Poor	High	None
206	Basement Rear 6" Line	White Mag. Insulation	80 Ln Ft Visible (J2)	Poor	High	13 %
207	Basement Rear 6" Line	White Mag. Insulation	(J2)	Poor	High	13 %
208	Basement Rear 6" Line	White Mag. Insulation	(J2)	Poor	High	10 %
209	Basement Boiler Room 8" Line	White Mag. Insulation	80 Ln Ft Visible (K2)	Poor	High	30 %
210	Basement Boiler Room 8" Line	White Mag. Insulation	(K2)	Poor	High	30 %
211	Basement Boiler Room 8" Line	White Mag. Insulation	(K2)	Poor	High	30%
212	Basement Boiler #2	Yellow Boiler Flue Fiberglass Insulation	10 Ln Ft (L2)	Poor	High	None
213	Basement Boiler #2	Yellow Boiler Flue Fiberglass Insulation	(L2)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

SAMPLE	LOCATION	DESCRIPTION	APPROX	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS CONTENT
214	Basement Boiler #2	Yellow / White Boiler Flue Fiberglass Insulation	(L2)	Poor	High	None
215	Basement Boiler #2	Yellow Boiler Flue Fiberglass Insulation	480 Sq Ft (M2)	Poor	High	None
216	Basement Boiler #2	Yellow Boiler Flue Fiberglass Insulation	(M2)	Poor	High	None
217	Basement Boiler #2	Yellow Boiler Flue Fiberglass Insulation	(M2)	Poor	High	None
218	Basement Boiler #1	Yellow Boiler Flue Fiberglass Insulation	480 Sq Ft (N2)	Poor	High	None
219	Basement Boiler #1	Yellow Boiler Flue Fiberglass Insulation	(N2)	Poor	High	None
220	Basement Boiler #1	Yellow Boiler Flue Fiberglass Insulation	(N2)	Poor	High	None
221	Basement Boiler #1	Grey Boiler End Gasket	50 Ln Ft (O2)	Poor	High	None
222	Basement Boiler #1	Grey Boiler End Gasket	(02)	Poor	High	None
223	Basement Boiler #1	Grey Boiler End Gasket	(02)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

			Vodan.		DOTENTIAL	ACRECTOS
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
224	Basement VAT Room	Grey Aircell Pipe Insulation	200 Ln Ft (P2)	Poor	High	40 %
225	Basement VAT Room	Grey Aircell Pipe Insulation	(P2)	Poor	High	40 %
226	Basement VAT Room	Grey Aircell Pipe Insulation	(P2)	Poor	High	70 %
227	Basement Electric Room	White Mag. Pipe Insulation	60 Ln Ft (Q2)	Poor	High	20 %
228	Basement Electric Room	White Mag. Pipe Insulation	(Q2)	Poor	High	20 %
229	Basement Electric Room	White Mag. Pipe Insulation	(Q2)	Poor	High	20 %
230	Plant Area Dryers Top	Yellow Dryer Fiberglass Roof Insulation	21 Dryers @ 300 Sq Ft Each (R2)	Poor	High	None
231	Plant Area Dryers Top	Yellow Dryer Fiberglass Roof Insulation	(R2)	Poor	High	None
232	Plant Area Dryers Top	Yellow Dryer Fiberglass Roof Insulation	(R2)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

		APPROX	NOTHIGNOS	POTENTIAL	ASBESTOS
	DESCRIPTION	QUANTITY	CONDITION	FOR DAMAGE	CONTENT
	Black Roofing	12,000 Sq Ft (S2)	Poor	High	None
	Black Roofing	(S2)	Poor	High	None
	Black Roofing	(S2)	Poor	High	None
	Black Roof Flashing	450 Ln Ft (T2)	Poor	High	5 %
	Black Roof Flashing	(T2)	Poor	High	30 %
	Black Roof Flashing	(T2)	Poor	High	30 %
	Black Roofing	5,800 Sq Ft (U2)	Poor	High	None
	Black Roofing	(U2)	Poor	High	None
	Black Roofing	(U2)	Poor	High	None
1					

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS CONTENT
252	Small Galbestos Roof East of Campbell Kiln	Black Roofing	(Y2)	Poor	High	40 %
253	Small Galbestos Roof East of Campbell Kiln	Black Roofing	(Y2)	Poor	High	40 %
254	Larger Section Galbestos Roof	Black Galbestos Roofing	4,350 Sq Ft (Z2)	Poor	High	40 %
255	Larger Section Galbestos Roof	Black Galbestos Roofing	(Z2)	Poor	High	40 %
256	Larger Section Galbestos Roof	Black Galbestos Roofing	(Z2)	Poor	High	40 %
257	Larger Section Galbestos Roof	Black Galbestos Roof Flashing	360 Ln Ft (A3)	Poor	High	5 %
258	Larger Section Galbestos Roof	Black Galbestos Roof Flashing	(A3)	Poor	High	5 %
259	Larger Section Galbestos Roof	Black Galbestos Roof Flashing	(A3)	Poor	High	5 %
260	South East Section Galbestos Roof	Black Galbestos Roofing	4,650 Sq Ft (B3)	Poor	High	40 %
261	South East Section Galbestos Roof	Black Galbestos Roofing	(B3)	Poor	High	25 %

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

(724) 444-3463 Fax Mid Atlantic Environmental Consultants, Inc. 5320 N. Pioneer Road Email: midatlantic@zoominternet.net Gibsonia, PA 15044 (724) 444-3460 Phone

Building Inspection Results

Project: Newell Porcelain Plant - Fifth & Harrison Streets Client: Civil & Environmental Consultants, Inc.

Newell, West Virginia

Job Number: CEC-17-20

262

263

264

265

267

EPA / West Virginia Lic. No: AI009156 Date: October 12, 2017 Inspector: Edgar King

ASBESTOS CONTENT Trace Trace Trace 25 % 15% 15 % 15% 2 % 2 % FOR DAMAGE **POTENTIAL** High High High High High High High High High CONDITION Poor Poor Poor Poor Poor Poor Poor Poor Poor QUANTITY 16,120 Sq Ft 45,600 Sq Ft APPROX 980 Ln Ft (B3) (C3) (D3) (D3) (D3) (E3) (E3) (C3) (C3) Grey Transite Wall & Roof Panels Grey Transite Wall & Roof Panels Grey Transite Wall & Roof Panels Black Galbestos Roofing Black Roof Flashing Black Roof Flashing DESCRIPTION Black Roofing Black Roofing Black Roofing South East Section Galbestos Roof North End of Kiln North End of Kiln North End of Kiln Roof Over Dryers Roof Over Dryers Roof Over Dryers Roof Over Dryers LOCATION SAMPLE 266 268

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Roof Over Dryers

270

269

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

*					TA TOTAL STREET	DOTTO TO A
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
271	Roof Over Dryers	Black Roof Flashing	(E3)	Poor	High	2 %
272	Higher Roof Over Maintenance Shop	Black Roofing	8,400 Sq Ft (F3)	Poor	High	Trace
273	Higher Roof Over Maintenance Shop	Black Roofing	(F3)	Poor	High	Trace
274	Higher Roof Over Maintenance Shop	Black Roofing	(F3)	Poor	High	Trace
275	Roof Between 2 High Sections	Black Roofing	5,800 Sq Ft (G3)	Poor	High	None
276	Roof Between 2 High Sections	Black Roofing	(63)	Poor	High	None
277	Roof Between 2 High Sections	Black Roofing	(G3)	Poor	High	None
278	Roof	Black Roofing	18,250 Sq Ft (H3)	Poor	High	None
279	Roof	Black Roofing	(H3)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
280	Roof	Black Roofing	(H3)	Poor	High	Trace
281	Roof	Black Roof Flashing	870 Ln Ft (13)	Poor	High	None
282	Roof	Black Roof Flashing	(13)	Poor	High	None
283	Roof	Black Roof Flashing	(I3)	Poor	High	None
284	Higher Roof	Black Roofing	5,800 Sq Ft (J3)	Poor	High	None
285	Higher Roof	Black Roofing	(13)	Poor	High	3 %
286	Higher Roof	Black Roofing	(13)	Poor	High	3 %
287	Roof	Black Roofing	29,650 Sq Ft (K3)	Poor	High	3 %
288	Roof	Black Roofing	(K3)	Poor	High	4 %

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017

SAMPLE	LOCATION	DESCRIPTION	APPROX	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS CONTENT
289	Roof	Black Roofing	(K3)	Poor	High	3 %
290	Roof	Silver / Black Roofing	(K3)	Poor	High	15 %
291	Roof	Silver / Black Roofing	(K3)	Poor	High	15 %
292	Roof	Silver / Black Roofing	(K3)	Poor	High	15 %
293	Roof	Black Roofing	39,900 Sq Ft (L3)	Poor	High	None
294	Roof	Black Roofing	(L3)	Poor	High	None
295	Roof	Black Roofing	(L3)	Poor	High	None
296	Roof	Black Roofing	(L3)	Poor	High	None
297	Roof	Black Roofing	(L3)	Poor	High	None
298	Roof	Black Roofing	(L3)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017 Inspector: Edgar King EPA / West Virginia Lic. No: AI009156

LOCATION	DESCRIPTION	QUANTITY	CONDITION	FOR DAMAGE	CONTENT
Roof	Black Roofing	(L3)	Poor	High	None
Roof	Black Roofing	(L3)	Poor	High	None
Roof	Black Roofing	(L3)	Poor	High	None
Roof	Black Roofing	(L3)	Poor	High	None
f Under Metal	Black Roofing	6,500 Sq Ft (M3)	Poor	High	None
f Under Metal	Black Roofing	(M3)	Poor	High	None
f Under Metal	Black Roofing	(M3)	Poor	High	None
f Under Metal	Black Roofing	6,500 Sq Ft (N3)	Poor	High	2 %
f Under Metal	Black Roofing	(N3)	Poor	High	5 %
f Under Metal	Black Roofing	(N3)	Poor	High	2 %
	Roof Roof Under Metal		Black Roofing Black Roofing Black Roofing Black Roofing Black Roofing Black Roofing Black Roofing	Black Roofing (L3) Black Roofing (M3) Black Roofing (M3)	Black Roofing (L3) Poor Black Roofing (L3) Poor Black Roofing (M3) Poor Black Roofing (M3) Poor Black Roofing (M3) Poor Black Roofing (N3) Poor Black Roofing (N3) Poor Black Roofing (N3) Poor

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 12, 2017 Inspector: Edgar King

EPA / West Virginia Lic. No: A1009156

						0000000
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
309	Roof Under Metal	Black Roofing	6,500 Sq Ft (O3)	Poor	High	10 %
310	Roof Under Metal	Black Roofing	(03)	Poor	High	10 %
311	Roof Under Metal	Black Roofing	(03)	Poor	High	30 %
312	Roof Under Metal	Black Roofing	5,200 Sq Ft (P3)	Poor	High	30 %
313	Roof Under Metal	Black / Brown Roofing	(P3)	Poor	High	30 %
314	Roof Under Metal	Black / Brown Roofing	(P3)	Poor	High	30 %
315	Roof Under Metal	Black / Brown Roof Flashing	1,200 Ln Ft (Q3)	Poor	High	30 %
316	Roof Under Metal	Black / Brown Roof Flashing	(Q3)	Poor	High	30 %
317	Roof Under Metal	Black / Brown Roof Flashing	(Q3)	Poor	High	20 %
318	Roof Under Metal	Black / Brown Roof Flashing	((3)	Poor	High	None
319	Roof Under Metal	Black / Brown Roof Flashing	(Q3)	Poor	High	20 %
320	Roof Under Metal	Black / Brown Roof Flashing	(Q3)	Poor	High	20 %

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 13, 2017 Inspector: Edgar King EPA / West Virginia Lic. No: AI009156

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
321	Low Roof North End Section	Black / Brown Roofing	9,100 Sq Ft (R3)	Poor	High	10 %
322	Low Roof North End Section	Black / Brown Roofing	(R3)	Poor	High	10 %
323	Low Roof North End Section	Black / Brown Roofing	(R3)	Poor	High	10 %
324	Low Roof North End Section	Black / Brown Roof Flashing	640 Ln Ft (S3)	Poor	High	2 %
325	Low Roof North End Section	Black / Brown Roof Flashing	(83)	Poor	High	5 %
326	High Roof North End Section	Black / Brown Roofing	(R3)	Poor	High	None
327	High Roof North End Section	Black / Brown Roofing	(R3)	Poor	High	None
328	High Roof North End Section	Black Roofing	(R3)	Poor	High	None
329	Low Roof North End Section	Black Roofing	(R3)	Poor	High	None
330	Low Roof North End Section	Black Roofing	(R3)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 13, 2017

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
331	Low Roof North End Section	Black Roofing	(R3)	Poor	High	None
332	Low Roof North End Section	Black Roof Flashing	(83)	Poor	High	None
333	Low Roof North End Section	Black Roof Flashing	(S3)	Poor	High	None
334	South End Roof	Black Roofing	4,100 Sq Ft (T3)	Poor	High	None
335	South End Roof	Black Roofing	(T3)	Poor	High	None
336	South End Roof	Black Roofing	(T3)	Poor	High	None
337	South End Roof	Black Roof Flashing	140 Ln Ft (U3)	Poor	High	None
338	South End Roof	Black Roof Flashing	(U3)	Poor	High	None
339	South End Pole Building	Yellow / Silver Wall Insulation	1,920 Sq Ft (V3)	Poor	High	None
340	South End Pole Building	Yellow / Silver Wall Insulation	(V3)	Poor	High	None
341	South End Pole Building	Tan / Brown / Silver Wall Insulation	(V3)	Poor	High	None

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 13, 2017

Inspector: Edgar King

EPA / West Virginia Lic. No: AI009156

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
342	South End Pole Building Exterior	Grey / Black Galbestos Coating	1,920 Sq Ft (W3)	Poor	High	65 %
343	South End Pole Building Exterior	Grey / Black Galbestos Coating	(W3)	Poor	High	% 59
344	South End Pole Building Exterior	Grey / Black Galbestos Coating	(W3)	Poor	High	65 %
345	South End Roof	Black Roofing	5,600 Sq Ft (X3)	Poor	High	5 %
346	South End Roof	Black Roofing	(X3)	Poor	High	5 %
347	South End Roof	Black Roofing	(X3)	Poor	High	5 %
348	South End Roof	Black Roof Flashing	150 Ln Ft (Y3)	Poor	High	% 8
349	South End Roof	Black Roof Flashing	(Y3)	Poor	High	8 %
350	South End Building	Grey Interior Window Glazing	(II)	Poor	High	None
351	Larger Out Building Interior Wall	Grey / White Transite	750 Sq Ft (Z3)	Poor	High	40 %
352	Larger Out Building Interior Ceiling	Grey / White Transite	(Z3)	Poor	High	40%
353	Larger Out Building Interior Ceiling	Grey / White Transite	(Z3)	Poor	High	40 %

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 13, 2017 Inspector: Edgar King

EPA / West Virginia Lic. No: AI009156

SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	POTENTIAL FOR DAMAGE	ASBESTOS
354	Larger Out Building Interior Window Glazing	Grey / Black Window Glazing	8 Windows @ 80 Ln Ft Each (A4)	Poor	High	None
355	Larger Out Building Interior Window Glazing	Grey / Black Window Glazing	(A4)	Poor	High	None
356	Larger Out Building Interior Window Glazing	Grey / Beige Window Glazing	(A4)	Poor	High	4 %
357	Larger Out Building Interior Duct	Grey / White Duct Tape	13 Ln Ft (B4)	Poor	High	% 09
358	Larger Out Building Interior Duct	Grey / White Duct Tape	(B4)	Poor	High	55%
359	Larger Out Building Interior Duct	Grey / White Duct Tape	(B4)	Poor	High	% 09
360	Larger Out Building Exterior Over Doorway	Black / Grey Tar Paper	100 Sq Ft (C4)	Poor	High	None
361	Larger Out Building Exterior Over Doorway	Black / Grey Tar Paper	(C4)	Poor	High	None
362	Larger Out Building Exterior Over Doorway	Black / Grey Tar Paper	(C4)	Poor	High	None
363	Larger Out Building Exterior Roof	Grey / White Transite	3,480 Sq Ft (D4)	Poor	High	40 %
364	Larger Out Building Exterior Roof	Grey / White Transite	(D4)	Poor	High	40 %

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

oject: Newell Forcelain Flant – Fiith & Haffi Newell, West Virginia

Job Number: CEC-17-20

Date: October 13, 2017

Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Project: Newell Porcelain Plant – Fifth & Harrison Streets

Newell, West Virginia

Job Number: CEC-17-20

Date: October 13, 2017

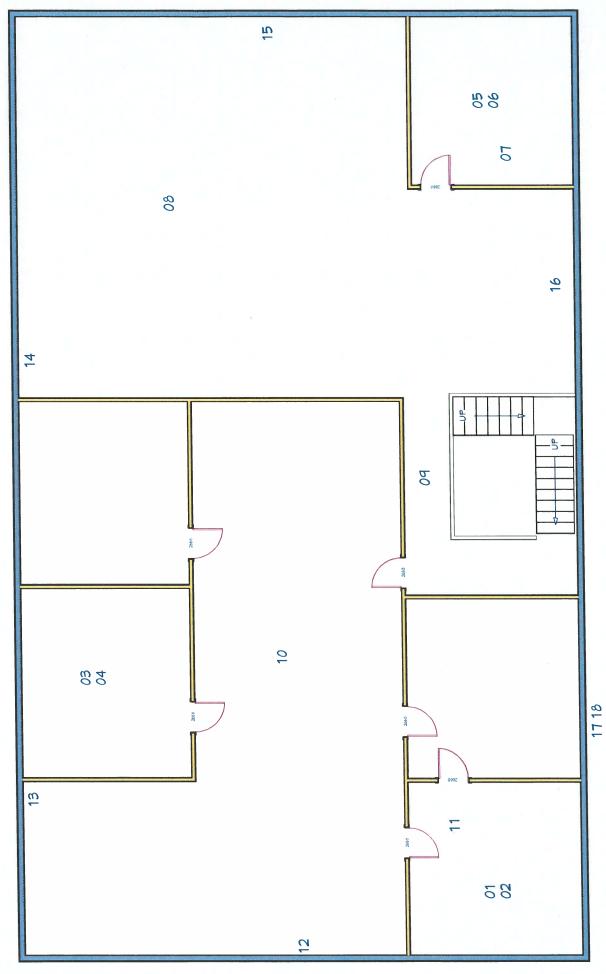
					A Theorem Co.	O CHO CHARO
SAMPLE	LOCATION	DESCRIPTION	APPROX QUANTITY	CONDITION	FOR DAMAGE	CONTENT
374A	Gas Out Building Exterior Roof	Black / Grey Shingle	(G4)	Poor	High	None
374B	Gas Out Building Exterior Roof	Black / Green Shingle	(G4)	Poor	High	None
375	Shack Next to Gas Building Metal Windows	Pink / Grey Interior Window Glazing	2 Windows @ 96 Ln Ft Each (H4)	Poor	High	None
376	Shack Next to Gas Building Metal Windows	Pink / Grey Interior Window Glazing	(H4)	Poor	High	None
377	Shack Next to Gas Building Metal Windows	Pink / Grey Interior Window Glazing	(H4)	Poor	High	None
378	Shack Next to Gas Building	Black / Brown Galbestos Roofing	144 Sq Ft (14)	Poor	High	% 09
379	Shack Next to Gas Building	Black / Brown Galbestos Roofing	(14)	Poor	High	% 09
380	Shack Next to Gas Building	Black / Brown Galbestos Roofing	(14)	Poor	High	% 09

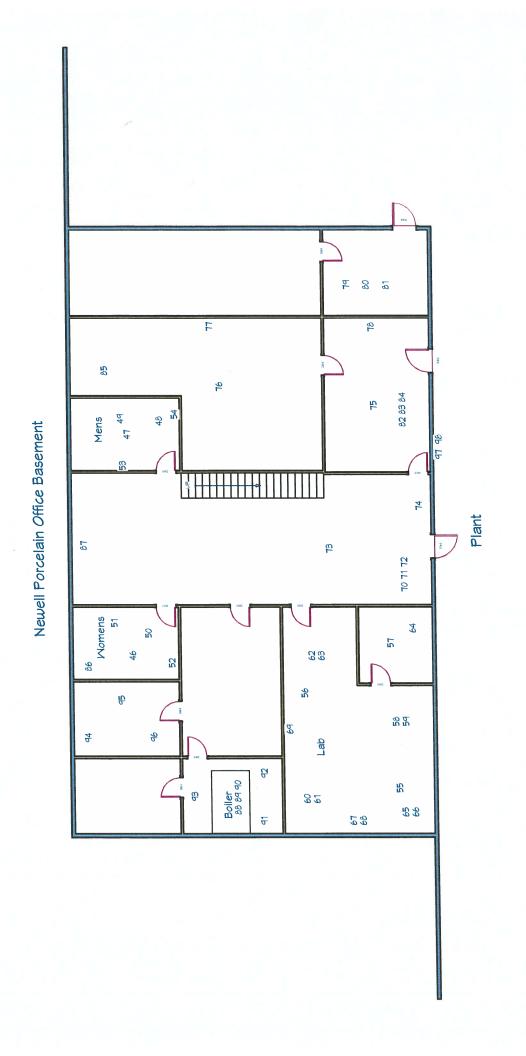
Please be advised that the letter / symbol under the approximate quantities column denotes approximate duplicate quantities through-out this survey for that particular material.

ASBESTOS INSPECTION QUESTIONNAIRE

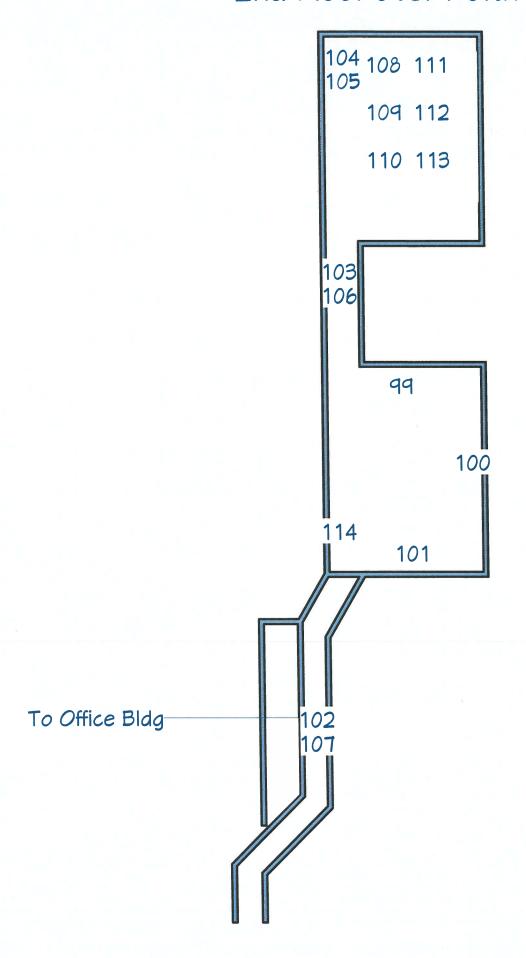
DATE of inspection: Oct 6-13-2017 INSPECTOR: Edgar King
CLIENT: CEC
LOCATION: Former Newcll Porcelain Plent
ADDRESS: 500 Harrison St Newell W.D.
COUNTY: Hawcock.
Please circle one—
Purpose of survey: Demolition Renovation Real estate transaction Other If other, explain
This survey is Complete If limited, explain There were 3 Basement Areas, I were Accessed the 3rd was Reports.
The building is currently Occupied Unoccupied
The general condition of the building is Good Fair Poor
Number of buildings included in the survey3
Number of floors in the building
Main exterior building component (i.e. yellow brick, concrete block, etc) Block, balbes to s
Was the basement included? Yes 2 Arcas Aucused Was the basement included? Yes 2 Arcas Aucused Was the roof included? Yes 2 With Perfects. Was the attic included? NA Is a map included? Yes 3 Arcas Aucused Was the roof included? Yes 3 Arcas Aucused Was the profits. Was the attic included? NA Is a map included? Yes 3 Arcas Aucused Was the profits. Was the attic included? NA Was the roof included? Yes 3 Arcas Aucused Was the profits. Was the attic included? NA Was the roof included? Yes 3 Arcas Aucused Was the roof included? Yes 3 Arcas Aucused Was the attic included? Yes 3 Arcas Aucused Was the roof included? Yes 3 Arcas Aucused Was the attic included? Yes 3 Arcas Aucused Was the roof included? Yes 3 Arcas Aucused Was the roof included? Yes 3 Arcas Aucused With Profits. Was the attic included? Yes 3 Arcas Aucused Was the roof included? Yes 4 Arcas Aucused With Profits. Was the attic included? Yes 3 Arcas Aucused Was the roof included? Yes 4 Arcas Aucused With Profits. Was the attic included? Yes 4 Arcas Aucused Was the roof included? Yes 4 Arc
Was the roof included? 169 with the last a map included? 463
Were any areas inaccessible? Yes If yes, explain Center Baserent Area + Some and I forther baserent Area + Some and I for
Were any areas inaccessible? Yes If yes, explain Center Baserent Area + Some 2nd Flower You accompanied by anyone Yes If yes, who Dennis Gillespie + Mike Pirro
Were any commonly found materials, not present? (Floor tile, plaster, window caulking, etc)? If yes, list and explain
Any other important / relevant observations:

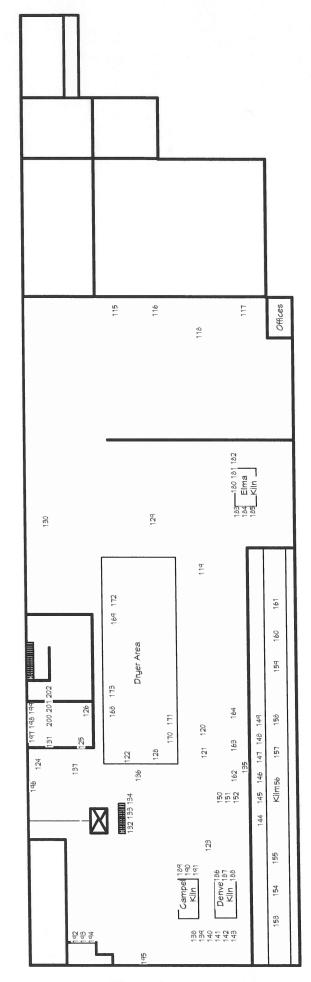
Appendix B – Sample Location Diagrams



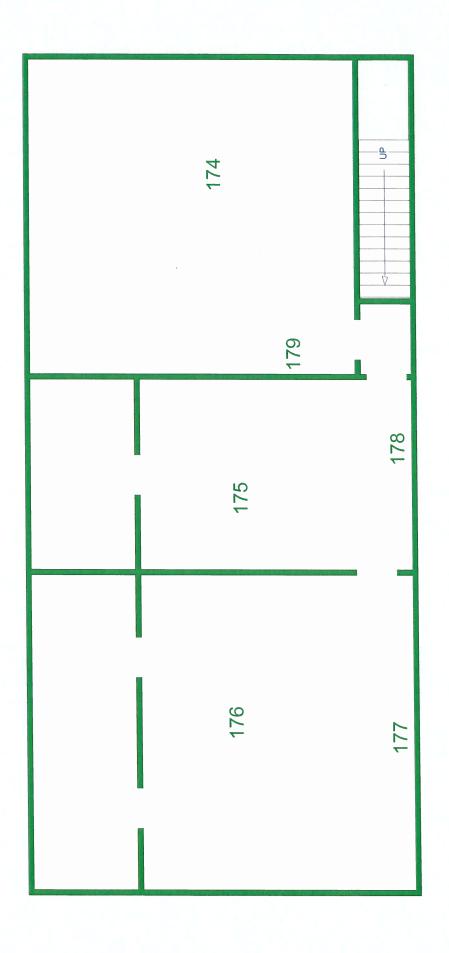


2nd Floor over North End



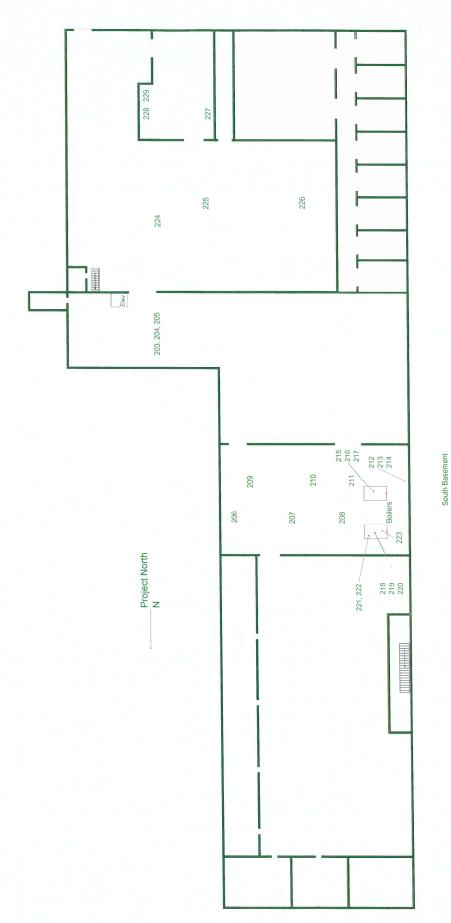


Newell Porcelain Plant

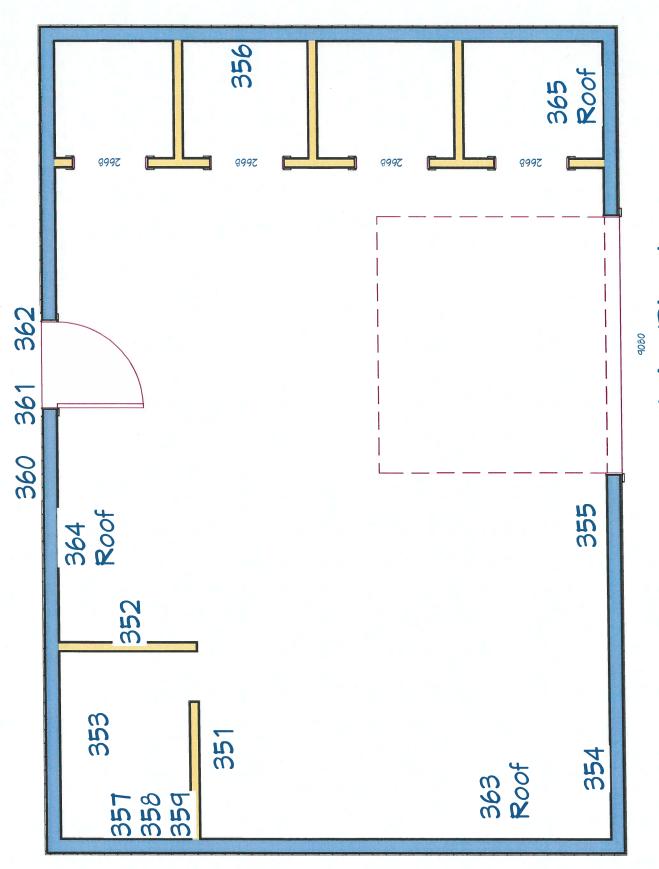


Project North

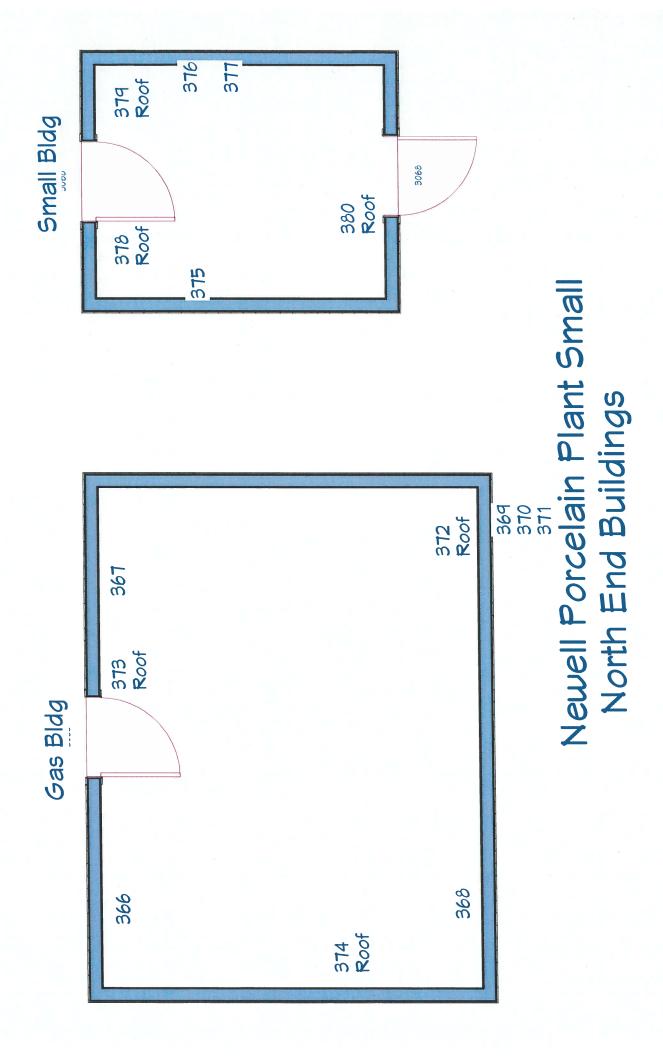
Second Floor Over Kiln Newell Porcelain Plant



Newell Porcelain Plant



Newell Porcelain Plant Large Building North End



Newell Porcelain Plant Roofs

Appendix C – Laboratory Analysis Results



AmeriSci Richmond

13635 GENITO ROAD **MIDLOTHIAN, VIRGINIA 23112** TEL: (804) 763-1200 • FAX: (804) 763-1800

FACSIMILE TELECOPY TRANSMISSION

To: **Tim Daniels**

From: J. Samuel Baird

Mid Atlantic Environmental Consultants, Inc

AmeriSci Job #:

117101460

Fax #:

Subject:

PLM 5 day Results

Client Project:

CEC-17-20; CEC; Newell

Porcelain Plant

MIDATLANTIC@ZOOMINTERNET.NET Email:

Date: Wednesday, October 18, 2017

Time:

15:28:01

Comments:

Number of Pages



CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.



AmeriSci Richmond

13635 GENITO ROAD **MIDLOTHIAN, VIRGINIA 23112**

TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Mid Atlantic Environmental Consultants, Date Received

10/12/17

AmeriSci Job #

117101460

Attn: Tim Daniels

Date Examined 10/18/17 P.O. # Page

5320 North Pioneer Road

35 of

RE: CEC-17-20; CEC; Newell Porcelain Plant

Gibsonia, PA 15044

Client No. / He	GA	Lab No.	Asbestos Present	Total % Asbestos
01	Location: Office Bldg		No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbestos 1	p tion: White/Gray, Heten [ypes: t erial: Cellulose 45 %, F			
02	Location: Office Bldg		No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbestos	i ption: Brown, Heterogen Types: iterial: Non-fibrous 100 %			
03	Location: Office Bldg		No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbestos '			Ceiling Tile ibrous 15 %, Perlite 15 %	
04	Location: Office Bldg	117101460-04 2nd Fl Offices	No	NAD (by CVES) by J. Samuel Baird
Asbestos	iption: Brown, Heterogen T ypes: aterial: Non-fibrous 100 %	•	c	on 10/18/17
05	Location: Office Bidg	117101460-05 2 2nd FI Offices	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbestos			Ceiling Tile fibrous 15 %, Perlite 15 %	OII 10/10/1/

PLM Bulk Asbestos Report

	. / HGA	Lab No.	Asbestos Present	Total % Asbestos
O6 Analyst (117 Location: Office Bldg 2nd Fl Description: Brown, Heterogeneous, N		No	NAD (by CVES) by J. Samuel Baird on 10/18/17
	stos Types: er Material: Non-fibrous 100 %			
07	117 Location: Office Bldg 2nd Fl	101460-07.1 Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbe	Description: White, Heterogeneous, Nestos Types: ner Material: Non-fibrous 100 %	on-Fibrous, Skim C	oat (Plaster)	
07	117 Location: Office Bidg 2nd Fi	101460-07.2 Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asb	Description: Gray, Heterogeneous, No estos Types: ner Material: Animal hair 4 %, Non-fit		itious, Base Coat (Plaster)	
80	117 Location: Office Bldg 2nd F	'101460-08.1 I Thru-Out	No	NAD (by CVES)
	Ecoadori. Office Didg Zild I			by J. Samuel Baird on 10/18/17
Asb	Description: White, Heterogeneous, Nastos Types: her Material: Non-fibrous 100 %	lon-Fibrous, Skim (Coat (Plaster)	_
Asb	Description: White, Heterogeneous, Nestos Types: her Material: Non-fibrous 100 %	7101460-08.2	Coat (Plaster) No	_
O8 Analyst Asb	Description: White, Heterogeneous, Nestos Types: her Material: Non-fibrous 100 %	7101460-08.2 I Thru-Out on-Fibrous, Cemen	No	NAD (by CVES) by J. Samuel Baird
Ot O	Description: White, Heterogeneous, Nestos Types: her Material: Non-fibrous 100 % 117 Location: Office Bldg 2nd F Description: Gray, Heterogeneous, Nestos Types: ther Material: Animal hair 4 %, Non-fi	7101460-08.2 FI Thru-Out on-Fibrous, Cemen brous 96 % 7101460-09.1	No	NAD (by CVES) by J. Samuel Baird

PLM Bulk Asbestos Report

Client N	lo. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	st Description: Gray, Heter	117101460-09.2 te Bldg 2nd Fl Thru-Out ogeneous, Non-Fibrous, Cementi	No itious, Base Coat (Plaster)	NAD (by CVES) by J. Samuel Baird on 10/18/17
	bestos Types: Other Material: Animal hair	4 %, Non-fibrous 96 %	•	
10		117101460-10 ce Bldg 2nd Fl Thru-Out	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
A	st Description: Tan, Heter bestos Types: Other Material: Animal hair	geneous, Non-Fibrous, Bulk Mate 2 %, Non-fibrous 98 %	erial	
11	Location: Offi	117101460-11.1 ce Bldg 2nd Fl Thru-Out	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
A	st Description: White, Hete bestos Types: Other Material: Non-fibrous	erogeneous, Non-Fibrous, Skim C s 100 %	Coat (Plaster)	31.13.13.17
11	Location: Offi	117101460-11.2 ce Bldg 2nd Fl Thru-Out	Yes	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
A	st Description: Tan, Heten sbestos Types: Chrysotile Other Material: Animal hai		at (Plaster)	on to tarr
12		117101460-12.1 ce Bldg 2nd FI Perimeter Walls	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
A	st Description: White, Het sbestos Types: Other Material: Non-fibrou	erogeneous, Non-Fibrous, Skim C s 100 %	Coat (Plaster)	
12		117101460-12.2 ce Bldg 2nd FI Perimeter Walls	Yes	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
A	st Description: Tan, Heter sbestos Types: Chrysotile Other Material: Animal hai		at (Plaster)	on tortorty

PLM Bulk Asbestos Report

Client No.	/ HGA	Lab No.	Asbestos Present	Total % Asbestos
13	Location: Office Bldg 2nd		No (Diagter)	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbe	Description: White, Heterogeneous, stos Types: er Material: Non-fibrous 100 %	Non-Fibrous, Skim Co	oat (Plaster)	
13	1: Location: Office Bldg 2nd	17101460-13.2 FI Perimeter Walls	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbe	Description: Gray, Heterogeneous, stos Types: ler Material: Animal hair 1 %, Non-		at (Plaster)	
14	Location: Office Bldg 2nd	17101460-14.1 FI Perimeter Walls	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbe	Description: White, Heterogeneous estos Types: ner Material: Non-fibrous 100 %	, Non-Fibrous, Skim C	oat (Plaster)	
14	Location: Office Bldg 2nd	17101460-14.2 I FI Perimeter Walls	Yes	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
Asbe	Description: Tan, Heterogeneous, lestos Types: Chrysotile <1. % her Material: Animal hair 1 %, Nor		at (Plaster)	
15	Location: Office Bldg 2nd	17101460-15.1 d FI Perimeter Walls	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asb	Description: White, Heterogeneous estos Types: her Material: Non-fibrous 100 %	s, Non-Fibrous, Skim (Coat (Plaster)	
Asb	estos Types: her Material: Non-fibrous 100 %	117101460-15.2	Coat (Plaster) Yes	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-16.1 : Office Bldg 2nd FI Perimeter Walls	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: White Asbestos Types: Other Material: Non-	e, Heterogeneous, Non-Fibrous, Skim Co fibrous 100 %	oat (Plaster)	
	117101460-16.2 a: Office Bldg 2nd Fl Perimeter Walls	Yes	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types: Chrys	Heterogeneous, Non-Fibrous, Base Coa sotile <1. % al hair 1 %, Non-fibrous 99 %	at (Plaster)	
17 Location	117101460-17 n: Office Bldg Exterior Windows	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Beig Asbestos Types: Other Material: Non-	e, Heterogeneous, Non-Fibrous, Bulk Ma fibrous 100 %	aterial	
18 Location	117101460-18 n: Office Bldg Exterior Windows	Yes	4 % (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Tan, Asbestos Types: Chry Other Material: Non-		erial	
19 Locatio	117101460-19 n: Office Bldg 1st Fl Under Bench Behir	Yes nd Radiator Also On Ground	20 % (by CVES) by Jean L. Mayes
Analyst Description: Tan, Asbestos Types: Chry Other Material: Non-		erial	on 10/18/17
	117101460-20 n: Office Bldg 1st FI Under Bench Behir		30 % (by CVES) by J. Samuel Baird on 10/18/17
	/, Heterogeneous, Non-Fibrous, Bulk Ma /sotile 15.0 %, Amosite 15.0 % -fibrous 70 %	aterial	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
Analyst Description: Gray, I	117101460-21 Office Bldg 1st Fl Under Bench Behi Heterogeneous, Non-Fibrous, Bulk Motile 15.0 %, Amosite 15.0 %		30 % (by CVES) by J. Samuel Baird on 10/18/17
Other Material: Non-fil			
22	117101460-22	Yes	45 %
	Office Bldg 1st FI Under Bench Behi		(by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Black/ Asbestos Types: Chryse Other Material: Celluk		Material	3.7 (3.7 (3.7)
23	117101460-23	Yes	45 %
	Office Bldg 1st FI Under Bench Beh		(by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Black/ Asbestos Types: Chryse Other Material: Cellulo		Material	
24	117101460-24	Yes	45 %
Location:	Office Bldg 1st FI Under Bench Beh	ind Radiator Also On Ground	(by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Black/ Asbestos Types: Chrys Other Material: Cellule		Bulk Material	3.1.13.13.17
25	117101460-25	Yes	25 %
	Office Bldg 1st FI Under Bench Beh		(by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Gray, Asbestos Types: Chrys Other Material: Non-fi	Heterogeneous, Non-Fibrous, Bulk Motile 15.0 %, Amosite 10.0 % brous 75 %	laterial	
26	117101460-26	Yes	25 %
	: Office Bldg 1st FI Under Bench Beh		(by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Gray, Asbestos Types: Chrys Other Material: Non-f		faterial	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
Location: Office Analyst Description: Gray, Heter	117101460-27 ce Bldg 1st Fl Under Bench Behin		35 % (by CVES) by J. Samuel Baird on 10/18/17
Asbestos Types: Chrysotile Other Material: Non-fibrous	20.0 %, Amosite 15.0 %	atenai	
28 Location: Office	117101460-28L1 ce Bidg 1st Fi Offices To Left Of	No Entrance Under Carpet	NAD (by CVES) by J. Samuel Baird
Analyst Description: Tan/Brown, Asbestos Types: Other Material: Cellulose 6		floor Tile	on 10/18/17
28 Location: Office	117101460-28L2 ce Bldg 1st Fl Offices To Left Of	No Entrance Under Carpet	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Black, Hete Asbestos Types: Other Material: Cellulose 9		/Feit	5.1.0.0
29 Location: Offi	117101460-29L1 ce Bldg 1st Fl Offices To Left Of	No Entrance Under Carpet	NAD (by CVES) by J. Samuel Baird
Analyst Description: Tan/Brown Asbestos Types: Other Material: Cellulose 4		Floor Tile	on 10/18/17
29 Location: Offi	117101460-29L2 ce Bldg 1st Fl Offices To Left Of	No Entrance Under Carpet	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Black, Hete Asbestos Types: Other Material: Cellulose 9		c/Felt	OII 10/10/1/
	117101460-30L1 ice Bldg 1st Fl Offices To Left Of	·	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Tan/Brown Asbestos Types: Other Material: Cellulose		Floor Tile	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-30L2 ce Bldg 1st Fl Offices To Left Of E		NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbestos Types: Other Material: Cellulose 9	erogeneous, Non-Fibrous, Mastic/l 95 %, Non-fibrous 5 %	reit	
31 Location: Off	117101460-31 ice Bldg 1st Fl Right Rear Office (I	Yes In Closet)	45 % (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Gray, Hete Asbestos Types: Chrysotile Other Material: Cellulose:		iterial	
32 Location: Of	117101460-32 ice Bldg 1st Fl Right Rear Office (Yes in Closet)	45 % (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Gray, Hete Asbestos Types: Chrysotile Other Material: Cellulose		aterial	
33 Location: Of	117101460-33 fice Bldg 1st FI Right Rear Office	Yes (In Closet)	45 % (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Gray, Het Asbestos Types: Chrysotile Other Material: Cellulose		aterial	on to to
34 Location: Of	117101460-34.1 fice Bldg 1st FI Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: White, He Asbestos Types: Other Material: Cellulose	terogeneous, Non-Fibrous, Wall (90 %, Non-fibrous 10 %	Covering	On 10/10/1/
	117101460-34.2 fice Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: White, He Asbestos Types: Other Material: Non-fibro	terogeneous, Non-Fibrous, Skim	Coat (Plaster)	

PLM Bulk Asbestos Report

Cli	ent No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
34		117101460-34.3 Bldg 1st Fl Thru-Out	Yes	Trace (<1 %) (by CVES) by J. Samuel Baird on 10/18/17
	Analyst Description: Gray, Heterog Asbestos Types: Chrysotile <1 Other Material: Animal hair 4	%	tious, Base Coat (Plaster)	
35		117101460-35.1 Bldg 1st FI Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
	Analyst Description: White, Hetero Asbestos Types: Other Material: Cellulose 90 9	_	overing	
35	Location: Office	117101460-35.2 Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
	Analyst Description: White, Hetero Asbestos Types: Other Material: Non-fibrous 1		coat (Plaster)	3111371317
35		117101460-35.3 Bldg 1st Fl Thru-Out	Yes	Trace (<1 %) (by CVES) by J. Samuel Baird on 10/18/17
	Analyst Description: Gray, Heterog Asbestos Types: Chrysotile <1 Other Material: Animal hair 4	. %	itious, Base Coat (Plaster)	31113/13/17
36	Location: Office	117101460-36.1 Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
	Analyst Description: White, Hetero Asbestos Types: Other Material: Cellulose 90		overing	
36		117101460-36.2 Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
	Analyst Description: White, Heter Asbestos Types: Other Material: Non-fibrous 1		Coat (Plaster)	on tortor!!

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-36.3 Office Bldg 1st FI Thru-Out	Yes	Trace (<1 %) (by CVES) by J. Samuel Baird on 10/18/17
Asbestos Types: Chryso	Heterogeneous, Non-Fibrous, Cement hile <1. % hair 4 %, Non-fibrous 96 %	itious, Base Coat (Plaster)	
37 Location:	117101460-37.1 Office Bldg 1st FI Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbestos Types:	Heterogeneous, Non-Fibrous, Wall Cose 90 %, Non-fibrous 10 %	overing	GIT TO TO TO
	117101460-37.2 Office Bldg 1st FI Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: White, Asbestos Types: Other Material: Non-fil	Heterogeneous, Non-Fibrous, Skim Corous 100 %	Coat (Plaster)	
37 Location:	117101460-37.3 Office Bldg 1st Fl Thru-Out	Yes	Trace (<1 %) (by CVES) by J. Samuel Baird on 10/18/17
Asbestos Types: Chrys	Heterogeneous, Non-Fibrous, Cement otile <1. % I hair 4 %, Non-fibrous 96 %	titious, Base Coat (Plaster)	31 13/13/17
38 Location:	117101460-38.1 Office Bldg 1st Fi Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbestos Types:	, Heterogeneous, Non-Fibrous, Wall C ose 90 %, Non-fibrous 10 %	Covering	011 10/10/1/
	117101460-38.2 Office Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: White Asbestos Types: Other Material: Non-fi	, Heterogeneous, Non-Fibrous, Skim (Coat (Plaster)	

PLM Bulk Asbestos Report

Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
38	Location: Office	117101460-38.3 e Bldg 1st Fl Thru-Out	Yes	Trace (<1 %) (by CVES) by J. Samuel Baird on 10/18/17
Asbesto	os Types: Chrysotile	ogeneous, Non-Fibrous, Cement :1. % 4 %, Non-fibrous 96 %	itious, Base Coat (Plaster)	
39		117101460-39.1 e Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbesto	scription: White, Hete os Types: Material: Non-fibrous	rogeneous, Non-Fibrous, Skim C 100 %	coat (Plaster)	
39	Location: Office	117101460-39.2 e Bldg 1st Fl Thru-Out	Yes	Trace (<1 %) (by CVES) by J. Samuel Baird on 10/18/17
Asbest	os Types: Chrysotile	ogeneous, Non-Fibrous, Base Co <1. % 4 %, Non-fibrous 96 %	oat (Plaster)	
40	Location: Office	117101460-40.1 be Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbest	scription: White, Hete os Types: Material: Non-fibrous	rogeneous, Non-Fibrous, Skim (Coat (Plaster)	on to to
40		117101460-40.2 be Bldg 1st FI Thru-Out	Yes	Trace (<1 %) (by CVES) by J. Samuel Baird on 10/18/17
Asbest	os Types: Chrysotile	rogeneous, Non-Fibrous, Cemen <1. % 4 %, Non-fibrous 96 %	titious, Base Coat (Plaster)	
41		117101460-41.1 ce Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Sarnuel Baird on 10/18/17
Asbest	scription: White, Het tos Types: r Material: Non-fibrou	erogeneous, Non-Fibrous, Skim	Coat (Plaster)	

PLM Bulk Asbestos Report

	. / HGA	Lab No.	Asbestos Present	Total % Asbestos
41	Location: Office	117101460-41.2 Bldg 1st FI Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbe	Description: Gray, Heterogestos Types: Der Material: Animal hair	geneous, Non-Fibrous, Cementi	tious, Base Coat (Plaster)	
	ier materiai: Animai nair 3	76, Non-ribrous 97 %		
42	Location: Office	117101460-42.1 Bldg 1st FI Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbe	Description: White, Heter estos Types: ner Material: Non-fibrous 1	ogeneous, Non-Fibrous, Skim C 00 %	coat (Plaster)	
42	Location: Office	117101460-42.2 Bldg 1st Fl Thru-Out	No	NAD (by CVES) by J. Samuel Baird on 10/18/17
Asbe	Description: Gray, Hetero estos Types: ner Material: Animal hair	geneous, Non-Fibrous, Cement 3 %, Non-fibrous 97 %	itious, Base Coat (Plaster)	
43		117101460-43.1	No	NAD
	Location: Office	Bldg 1st FI Thru-Out		(by CVES) by J. Samuel Baird
				on 10/18/17
Asb	estos Types:	ogeneous, Non-Fibrous, Skim C	Coat (Plaster)	•
Asb Oti		100 %		on 10/18/17
Asb Oti	her Material: Non-fibrous Location: Office	117101460-43.2 Bldg 1st Fl Thru-Out	No	•
Asb Ot 43 Analyst Asb	her Material: Non-fibrous Location: Office	117101460-43.2 Bldg 1st FI Thru-Out	No	NAD (by CVES) by J. Samuel Baird
Asb Ot 43 Analyst Asb	Location: Office Description: Gray, Heteroestos Types:	117101460-43.2 Bldg 1st FI Thru-Out	No	NAD (by CVES) by J. Samuel Baird
Asb Ott 43 Analyst Asb	Location: Office Description: Gray, Heteroestos Types: her Material: Animal hair	117101460-43.2 Bldg 1st FI Thru-Out geneous, Non-Fibrous, Cemen 6 %, Non-fibrous 94 %	No titious, Base Coat (Plaster)	NAD (by CVES) by J. Samuel Baird on 10/18/17

Page 13 of 35

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
45 Location: Office	117101460-45 Bldg Exterior Windows	Yes	6 % (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Black/Gray, I Asbestos Types: Chrysotile 6 Other Material: Non-fibrous	.0 %	Bulk Material	011 10/10/17
	117101460-46 e Bldg Basement / Plant Level		NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: White/Yellov Asbestos Types: Other Material: Fibrous glas		, Bulk Material	
47 Location: Office	117101460-47 e Bldg Basement / Plant Level	No Men's & Women's RR's	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: White/Yellov Asbestos Types: Other Material: Fibrous glas		s, Bulk Material	
48 Location: Office	117101460-48 e Bldg Basement / Plant Level	No Men's & Women's RR's	NAD (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: White/Yellor Asbestos Types: Other Material: Fibrous glas		s, Bulk Material	-
49 Location: Office	117101460-49L1 te Bldg Basement / Plant Level	Yes Men's & Women's RR's	5 % (by CVES) by J. Samuel Baird
Analyst Description: White, Hete Asbestos Types: Chrysotile ! Other Material: Non-fibrous	5.0 %	Tile	OIL 10/16/17
	117101460-49L2 ce Bldg Basement / Plant Level		5 % (by CVES) by J. Samuel Baird on 10/18/17
Analyst Description: Black, Hete Asbestos Types: Chrysotile Other Material: Non-fibrous	5.0 %	ic	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	
	117101460-50L1 lon: Office Bldg Basement / Plant Level M		2 % (by CVES) by Jean L. Mayes on 10/18/17	
Analyst Description: W Asbestos Types: Ch Other Material: No	-	île		
50	117101460-50L2	Yes	8 %	
	ion: Office Bidg Basement / Plant Level N	fen's & Women's RR's	(by CVES) by Jean L. Mayes on 10/18/17	
Analyst Description: Black Asbestos Types: Cher Material: No.				
51	117101460-51L1	Yes	4 %	
	Location: Office Bldg Basement / Plant Level Men's & Women's RR's			
Analyst Description: W Asbestos Types: Cl Other Material: No		lile Cile		
51	117101460-51L2	Yes	8 %	
Locat	ion: Office Bldg Basement / Plant Level N	llen's & Women's RR's	(by CVES) by Jean L. Mayes on 10/18/17	
	ack, Heterogeneous, Non-Fibrous, Mastic		311 137 137 11	
Asbestos Types: Ci Other Material: No				
52	117101460-52L1	No	NAD	
Locat	tion: Office Bidg Basement / Plant Level N	Men's & Women's RR's	(by CVES) by Jean L. Mayes on 10/18/17	
Analyst Description: Bookstos Types: Other Material: No	rown, Heterogeneous, Non-Fibrous, Cove on-fibrous 100 %	Base		
52	117101460-52L2	No	NAD	
Locat	tion: Office Bldg Basement / Plant Level I	Men's & Women's RR's	(by CVES) by Jean L. Mayes on 10/18/17	
Asbestos Types:	rown, Heterogeneous, Non-Fibrous, Mastin	C		
Asbestos Types:	rown, Heterogeneous, Non-Fibrous, Mastin	c		

PLM Bulk Asbestos Report

	/ HGA	Lab No.	Asbestos Present	Total % Asbestos
53		117101460-53L1 g Basement / Plant Level M		NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst D Asber Other	J. 13.13.11			
53		117101460-53L2	No	NAD
• • • • •		g Basement / Plant Level M		(by CVES) by Jean L. Mayes on 10/18/17
Asber	escription: Brown, Heteroger stos Types: or Material: Wollastonite 2 %,			
54		117101460-54L1	No	NAD
		g Basement / Plant Level M	en's & Women's RR's	(by CVES) by Jean L. Mayes on 10/18/17
Asbe	escription: Brown, Heteroger stos Types: er Material: Non-fibrous 100 %		Base	
54		117101460-54L2	No	NAD
	1 11 000 - 011	- December / Disable and 14	lan's & Waman's BB's	
		g Basement / Plant Level M		(by CVES) by Jean L. Mayes on 10/18/17
	escription: Brown, Heteroger			by Jean L. Mayes
Asbe		neous, Non-Fibrous, Mastic		by Jean L. Mayes
Asbe: Oth	escription: Brown, Heteroger stos Types:	neous, Non-Fibrous, Mastic		by Jean L. Mayes on 10/18/17
Asbe: Oth	description: Brown, Heteroger stos Types: er Material: Wollastonite 1 %	neous, Non-Fibrous, Mastic	Yes	by Jean L. Mayes on 10/18/17 4 % (by CVES) by Jean L. Mayes
Asbe Oth 55 Analyst E Asbe	description: Brown, Heteroger stos Types: er Material: Wollastonite 1 %	Non-fibrous 99 % 117101460-55L1 g Basement / Plant Level Leous, Non-Fibrous, Floor T	Yes	by Jean L. Mayes on 10/18/17 4 % (by CVES)
Asbe Oth 55 Analyst E Asbe Oth	Location: Black, Heterogen description: Black, Heterogen description: Black, Heterogen description: Chrysotile 4.0 % der Material: Non-fibrous 96 %	neous, Non-Fibrous, Mastic Non-fibrous 99 % 117101460-55L1 g Basement / Plant Level L eous, Non-Fibrous, Floor T	Yes ab ile Yes	by Jean L. Mayes on 10/18/17 4 % (by CVES) by Jean L. Mayes
Asbe Oth 55 Analyst E Asbe Oth	Location: Black, Heterogen description: Black, Heterogen description: Black, Heterogen description: Chrysotile 4.0 % der Material: Non-fibrous 96 %	neous, Non-Fibrous, Mastic Non-fibrous 99 % 117101460-55L1 g Basement / Plant Level L eous, Non-Fibrous, Floor T 117101460-55L2 g Basement / Plant Level L	Yes ab ile Yes	by Jean L. Mayes on 10/18/17 4 % (by CVES) by Jean L. Mayes on 10/18/17

PLM Bulk Asbestos Report

Client	No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
56		117101460-56L1 Bildg Basement / Plant Level Lab	Yes	4 % (by CVES) by Jean L. Mayes on 10/18/17
	yst Description: Black, Fleter Asbestos Types: Chrysotile 4 Other Material: Non-fibrous			
56	Location: Office	117101460-56L2 e Bidg Basement / Plant Level Lab	Yes	4 % (by CVES) by Jean L. Mayes on 10/18/17
	lyst Description: Black, Heter Asbestos Types: Chrysotile 4 Other Material: Non-fibrous			
57	Location: Office	117101460-57L1 e Bldg Basement / Plant Level Lab	Yes	5 % (by CVES) by Jean L. Mayes on 10/18/17
	lyst Description: Brown, Hete Asbestos Types: Chrysotile Other Material: Non-fibrous			
57	Location: Office	117101460-57L2 be Bldg Basement / Plant Level Lab	Yes	4 % (by CVES) by Jean L. Mayes on 10/18/17
	llyst Description: Black, Hete Asbestos Types: Chrysotile Other Material: Non-fibrous			
58	Location: Offi	117101460-58 ce Bldg Basement / Plant Level Lab	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Ana	alyst Description: Brown, Hel Asbestos Types: Other Material: Cellulose 9	erogeneous, Fibrous, Bulk Material 5 %, Non-fibrous 5 %		
59	Location: Offi	117101460-59 ce Bldg Basement / Plant Level Lab	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Ana	alyst Description: Brown, He Asbestos Types: Other Material: Non-fibrou	erogeneous, Non-Fibrous, Bulk Ma s 100 %	terial	

Page 17 of 35

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HG	iA Lab No.	Asbestos Present	Total % Asbestos
60 Anatos Bossal	117101460-60 Location: Office Bldg Basement / Plant Level Lab	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos T	otion: Brown, Heterogeneous, Fibrous, Bulk Material ypes: perial: Cellulose 95 %, Non-fibrous 5 %		
61	117101460-61 Location: Office Bidg Basement / Plant Level Lab	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos T	ption: Brown, Heterogeneous, Non-Fibrous, Bulk Mat Types: terial: Non-fibrous 100 %	erial	
62	117101460-62 Location: Office Bldg Basement / Plant Level Lab	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos 1	ption: Brown, Heterogeneous, Fibrous, Bulk Material Types: terial: Cellulose 95 %, Non-fibrous 5 %		
63	117101460-63 Location: Office Bldg Basement / Plant Level Lab	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos 1	ption: Brown, Heterogeneous, Non-Fibrous, Bulk Mar Types: terial: Non-fibrous 100 %	terial	3.1.3.13.13
64	117101460-64 Location: Office Bldg Basement / Plant Level Thr	Yes ru-Out	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
Asbestos '	iption: Tan, Heterogeneous, Non-Fibrous, Bulk Mater Types: Chrysotile <1. % Iterial: Animal hair 1 %, Non-fibrous 99 %	ial	
65	117101460-65 Location: Office Building Basement Plant Level 7	Yes Throughout	60 % (by CVES) by Jean L. Mayes on 10/18/17
Asbestos	iption: Off White, Heterogeneous, Fibrous, Bulk Mate Types: Chrysotile 60.0 % aterial: Non-fibrous 40 %	erial	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-66 Building Basement Plant Leve	·	70 % (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Tan, Heteroge Asbestos Types: Chrysotile 70 Other Material: Non-fibrous 3	.0 %		
67 Location: Office	117101460-67 Building Basement Plant Leve	Yes of Throughout	15 % (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Gray, Heterog Asbestos Types: Chrysotile 15 Other Material: Fibrous glass	.0 %	al .	5.1.13.13.1.
68 Location: Office	117101460-68 Building Basement Plant Leve	Yes el Throughout	15 % (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Gray, Heterog Asbestos Types: Chrysotile 15 Other Material: Fibrous glass	.0 %	al	
69 Location: Office	117101460-69 Building Basement Plant Leve	Yes el Throughout	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Tan, Heterog Asbestos Types: Chrysotile < Other Material: Animal hair	. %	terial	01110/10/17
70 Location: Office	117101460-70 Building Basement Plant Leve	Yes el Throughout	60 % (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: White, Heten Asbestos Types: Chrysotile 60 Other Material: Cellulose 10	0.0 %	rial	3.1.3.13.11
71 Location: Office	117101460-71 Building Basement Plant Lev	Yes el Throughout	60 % (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Tan, Heterog Asbestos Types: Chrysotile 6 Other Material: Non-fibrous	0.0 %	ıl	on 10/11

Page 19 of 35

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-72 Building Basement Plant Level		10 % (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Gray, Hetero Asbestos Types: Chrysotile 1 Other Material: Fibrous glas	0.0 %	l	
73 Location: Office	117101460-73 Building Basement Plant Leve	Yes I Throughout	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Brown, Hete Asbestos Types: Chrysotile < Other Material: Animal hair	1. %	Material	
74 Location: Office	117101460-74 e Building Basement Plant Leve	Yes el Throughout	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Brown, Hete Asbestos Types: Chrysotile < Other Material: Animal hair	1. %	Material	
75 Location: Office	117101460-75 e Building Basement Plant Leve	No el Throughout	NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Brown, Hete Asbestos Types: Other Material: Animal hair	_	Material	GII 10/13/17
76 Location: Office	117101460-76 e Building Basement Plant Leve	No el Throughout	NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Brown, Hete Asbestos Types: Other Material: Animal hair		Material	511 157 157 17
	117101460-77 se Building Basement Plant Lev		NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Brown, Hete Asbestos Types: Other Material: Animal hair		Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-78 n: Office Building Basement Plant Level Thr		NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types:	n, Heterogeneous, Non-Fibrous, Bulk Mater aal hair 1 %, Non-fibrous 99 %	nal ·	
79	117101460-79	No	NAD
	n: Office Building Basement Plant Level Thr	****	(by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types:	Heterogeneous, Fibrous, Bulk Material alose 60 %, Fibrous glass 10 %, Non-fibrous	s 30 %	
80	117101460-80	No	NAD
	n: Office Building Basement Plant Level Th		(by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types:	Heterogeneous, Fibrous, Bulk Material ulose 60 %, Fibrous glass 10 %, Non-fibrous	ıs 30 %	
81	117101460-81	No	NAD
Locatio	n: Office Building Basement Plant Level Th	roughout	(by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Tan, Asbestos Types:	Heterogeneous, Fibrous, Bulk Material		
Other Material: Cell	ulose 60 %, Fibrous glass 10 %, Non-fibrou	us 30 %	
82	117101460-82	Yes	60 %
	n: Office Building Basement Plant Level Th	roughout	(by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Whi Asbestos Types: Chr Other Material: Non			
83	117101460-83	Yes	60 %
Locatio	on: Office Building Basement Plant Level Th	roughout	(by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Whi Asbestos Types: Chr Other Material: Non			S

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-84 Office Building Basement Plant Level 3	Yes Throughout	10 % (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types: Chrysoti			
85 Location: (117101460-85 Office Building Basement Plant Level	Yes Throughout	10 % (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types: Chrysoti	eterogeneous, Fibrous, Bulk Material le 10.0 % glass 70 %, Non-fibrous 20 %		
86 Location: (117101460-86 Office Building Basement Plant Level	No Throughout	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types:	eterogeneous, Non-Fibrous, Bulk Mat nair 1 %, Non-fibrous 99 %	erial	200 100 100 100
87 Location:	117101460-87 Office Building Basement Plant Level	Yes Throughout	Trace (<1 %) (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types: Chrysot	Heterogeneous, Non-Fibrous, Bulk Ma ile <1. % hair 2 %, Non-fibrous 98 %	aterial	31 13/13/17
88 Location:	117101460-88 Office Building Basement On Boiler A	Yes and Floor	25 % (by CVES) by Jean L. Mayes on 10/18/17
	sterogeneous, Non-Fibrous, Bulk Mate ile 20.0 %, Amosite 5.0 % rous 75 %	erial	
89 Location:	117101460-89 Office Building Basement On Boiler A	Yes and Floor	25 % (by CVES) by Jean L. Mayes on 10/18/17
	eterogeneous, Non-Fibrous, Bulk Mate tile 20.0 %, Amosite 5.0 % rous 75 %	erial	

Page 22 of 35

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-90 ice Building Basement On Boiler Attergeneous, Fibrous, Bulk Materia		20 % (by CVES) by David W. Ralbovsky on 10/17/17
Asbestos Types: Chrysotile Other Material: Non-fibrou	6.0 %, Amosite 14.0 %	•	
91 Location: Of	117101460-91 fice Building Basement Boiler Rm	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Brown, He Asbestos Types: Other Material: Animal ha	eterogeneous, Non-Fibrous, Bulk N ir 1 %, Non-fibrous 99 %	laterial	OIL TO/TO/T/
92 Location: Of	117101460-92 fice Building Basement Boiler Rm	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Brown, Ho Asbestos Types: Other Material: Animal ha	eterogeneous, Non-Fibrous, Bulk N nir 1 %, Non-fibrous 99 %	flaterial	
93 Location: O	117101460-93 ffice Building Basement Boiler Rm	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types:	eterogeneous, Non-Fibrous, Bulk f air 1 %, Non-fibrous 99 %	Material	31.13/13/17
94 Location: O	117101460-94 ffice Building Basement Storage R	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types:	eterogeneous, Non-Fibrous, Bulk l air 1 %, Non-fibrous 99 %	Material	GH 10/10/17
95 Location: O	117101460-95 ffice Building Basement Storage R	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: Brown, F Asbestos Types: Other Material: Animal h	eterogeneous, Non-Fibrous, Bulk	Material	

Page 23 of 35

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
-	117101460-96 tion: Office Building Basement Storage Rm	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Asbestos Types:	rown, Heterogeneous, Non-Fibrous, Bulk Materia .nimal hair 2 %, Non-fibrous 98 %	l	
97 Loca	117101460-97	No	NAD (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: T Asbestos Types: Other Material: N	an, Heterogeneous, Non-Fibrous, Bulk Material		
98 Loca	117101460-98 ation: Office Bldg Throughout	Yes	8 % (by CVES) by Jean L. Mayes on 10/18/17
Analyst Description: 1 Asbestos Types: (Other Material: N	-		
99 Loca	117101460-99L1 ation: 2nd Floor Storage Area Over Shop Wall P	Yes anels	20 % (by CVES) by William M. Dunstan on 10/18/17
Analyst Description: (Asbestos Types: (Other Material: I	-		3.1.13.13.11
99 Loc	117101460-99L2 ation: 2nd Floor Storage Area Over Shop Wall P	No Panels	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbestos Types:	Tan, Heterogeneous, Fibrous, Insulation Board Cellulose 98 %, Non-fibrous 2 %		dii to/to/1/
100 Loc	117101460-100L1 ation: 2nd Floor Storage Area Over Shop Wall F	Yes Panels	20 % (by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Asbestos Types: Other Material:			

PLM Bulk Asbestos Report

Client No. / H	GA Lab No.	Asbestos Present	Total % Asbestos
100	117101460-100L2 Location: 2nd Floor Storage Area Over Shop Wall F	No Panels	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbestos	ription: Tan, Heterogeneous, Fibrous, Insulation Board Types: aterial: Cellulose 98 %, Non-fibrous 2 %		
101	117101460-101L1 Location: 2nd Floor Storage Area Over Shop Wall F	Yes Panels	20 % (by CVES) by William M. Dunstan
Asbestos	cription: Gray, Heterogeneous, Fibrous, Transite Types: Chrysotile 20.0 % laterial: Non-fibrous 80 %		on 10/18/17
101	117101460-101L2 Location: 2nd Floor Storage Area Over Shop Wall	No Panels	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbesto	cription: Tan, Heterogeneous, Fibrous, Insulation Board Types: **Raterial**: Cellulose 98 %, Non-fibrous 2 %		
102	117101460-102 Location: 2nd Floor Storage Area Over Shop Wall	No Panels	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbesto	cription: Brown, Heterogeneous, Fibrous, Bulk Material s Types: Material: Cellulose 98 %, Non-fibrous 2 %		200 100 100 100
103	117101460-103 Location: 2nd Floor Storage Area Over Shop Wall	No Panels	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbesto	cription: Black/Brown, Heterogeneous, Fibrous, Bulk Ma s Types: Material: Cellulose 90 %, Non-fibrous 10 %	terial	
104	117101460-104 Location: 2nd Floor Storage Area Over Shop Wall	No Panels	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbesto	cription: Brown, Heterogeneous, Fibrous, Bulk Material s Types: Material: Cellulose 98 %, Non-fibrous 2 %		

Page 25 of 35

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	
105 Location:	117101460-105 No Location: 2nd Floor Storage Area Over Shop Wall Panels			
Asbestos Types:	Brown, Heterogeneous, Fibrous, Bulk Ma	terial		
		No		
106 Location:	117101460-106 2nd Floor Storage Area Over Shop Wall	NAD (by CVES) by William M. Dunstan on 10/18/17		
Asbestos Types:	Heterogeneous, Fibrous, Bulk Material use 98 %, Non-fibrous 2 %			
107 Location:	117101460-107 2nd Floor Storage Area Over Shop Wal	No I Panels	NAD (by CVES) by William M. Dunstan on 10/18/17	
Asbestos Types:	Brown, Heterogeneous, Fibrous, Bulk Ma ose 95 %, Non-fibrous 5 %	iterial		
108 Location:	117101460-108 2nd Floor Storage Area Over Shop Ceil	No ing	NAD (by CVES) by William M. Dunstan on 10/18/17	
Asbestos Types:	, Heterogeneous, Fibrous, Bulk Material		on tortorr	
Other Material: Cellul	ose 98 %, Non-fibrous 2 %			
109 Location	117101460-109 : 2nd Floor Storage Area Over Shop Cei	No ling	NAD (by CVES) by William M. Dunstan on 10/18/17	
Asbestos Types:	/Brown, Heterogeneous, Fibrous, Bulk Macose 90 %, Non-fibrous 10 %	aterial		
110 Location	117101460-110 : 2nd Floor Storage Area Over Shop Cei	No iling	NAD (by CVES) by William M. Dunstan on 10/18/17	
Analyst Description: Brown Asbestos Types: Other Material: Cellul	n, Heterogeneous, Fibrous, Bulk Material		31.13/19/11	

Page 26 of 35

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HG	iA Lab No.	Asbestos Present	Total % Asbestos		
111	11 117101460-111 No Location: 2nd Floor Storage Area Over Shop Ceiling				
Asbestos T	otion: Black/Brown, Heterogeneous, Fibrous ypes: erial: Cellulose 90 %, Non-fibrous 10 %	s, Bulk Material			
112		12 No	NAD		
112	117101460-1 Location: 2nd Floor Storage Area Over	NAD (by CVES) by William M. Dunstan on 10/18/17			
Asbestos T	otion: Brown, Heterogeneous, Fibrous, Bulk Types: terial: Cellulose 98 %, Non-fibrous 2 %	: Material			
113	117101460-1	13 No	NAD		
	Location: 2nd Floor Storage Area Over Shop / Ceiling				
Asbestos T	ption: Black/Brown, Heterogeneous, Fibrou ypes: terial: Cellulose 90 %, Non-fibrous 10 %	s, Bulk Material			
114	117101460-1	114 N o	NAD		
	Location: Interior Windows Throughout	Plant	(by CVES) by William M. Dunstan on 10/18/17		
Asbestos 1		Bulk Material			
Other Ma	terial: Non-fibrous 100 %				
115	117101460-	115 Yes	55 %		
	Location: Plant Area		(by CVES) by William M. Dunstan on 10/18/17		
	ption: White, Heterogeneous, Fibrous, Bulk Types: Chrysotile 55.0 %	« Material			
	iterial: Cellulose 20 %, Non-fibrous 25 %				
116	117101460-	116 Yes	55 %		
	Location: Plant Area		(by CVES) by William M. Dunstan on 10/18/17		
	iption: Gray, Heterogeneous, Non-Fibrous, Types: Chrysotile 55.0 %	Bulk Material			

PLM Bulk Asbestos Report

Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
117	Location: Plant Area	117101460-117	Yes	55 % (by CVES) by William M. Dunstan on 10/18/17
Asbesto	scription: Gray, Heterogeneou os Types: Chrysotile 55.0 % Material: Cellulose 20 %, Noi			
118	Location: Plant Area	117101460-118	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbest	scription: White/Yellow, Hetenos Types: Material: Cellulose 3 %, Fibro			
119	Location: Plant Area	117101460-119	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbest	scription: White/Yellow, Heteros Types: Material: Cellulose 3 %, Fibro			
120	Location: Plant Area	117101460-120	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbest	scription: White/Yellow, Heter os Types: Material: Cellulose 3 %, Fibr			311 10/13/17
121	Location: Plant Area F	117101460-121 Rear	Yes	5 % (by CVES) by William M. Dunstan on 10/18/17
Asbest	escription: Gray/Brown, Hetero tos Types: Chrysotile 5.0 % r Material: Cellulose 90 %, No		Material	OR 10/16/17
122	Location: Plant Area I	117101460-122 Rear	Yes	50 % (by CVES) by William M. Dunstan on 10/18/17
Asbes	escription: Gray, Heterogeneo tos Types: Chrysotile 50.0 % r Material: Cellulose 25 %, No		aterial	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbesto
123 117101460-123 Location: Plant Area Rear		Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/18/17
Asbestos Types: Chryso	rown, Heterogeneous, Fibrous, Bulk M tile <1. % se 98 %, Non-fibrous 2 %	laterial	
124 Location:	117101460-124 Plant Area	Yes	55 % (by CVES) by William M. Dunstan on 10/18/17
Asbestos Types: Chryso	leterogeneous, Fibrous, Bulk Material tile 55.0 % se 25 %, Non-fibrous 20 %		31. 10/10/17
	117101460-125 Plant Area Dryer Area	Yes	11 % (by CVES) by William M. Dunstan
Analyst Description: White, Asbestos Types: Chryso Other Material: Non-fib	Heterogeneous, Fibrous, Bulk Materia tile 4.0 %, Amosite 7.0 % rous 89 %	l	3.1 13 13 17
126 Location:	117101460-126 Plant Area Dryer Area	Yes	11 % (by CVES) by William M. Dunstan
Analyst Description: White, Asbestos Types: Chryso Other Material: Non-fit	Heterogeneous, Fibrous, Bulk Materia tile 4.0 %, Amosite 7.0 % rous 89 %	ıl	on 10/18/17
127 Location:	117101460-127 Plant Area Dryer Area	Yes	11 % (by CVES) by William M. Dunstan
	Heterogeneous, Fibrous, Bulk Materia tile 4.0 %, Amosite 7.0 % prous 89 %	il	on 10/18/17
	117101460-128 Plant Area Dryer Area	Yes	70 % (by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Gray, I Asbestos Types: Chryso Other Material: Non-fil			

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	
117101460-129 Location: Plant Area Dryers		Yes	70 % (by CVES) by William M. Dunstan on 10/18/17	
Analyst Description: Gray, H Asbestos Types: Chrysol Other Material: Non-fib				
130 Location:	117101460-130 Plant Area Dryers	Yes	60 % (by CVES) by William M. Dunstan	
Asbestos Types: Chryson	eterogeneous, Fibrous, Bulk Material tile 60.0 % se 20 %, Non-fibrous 20 %		31 13/13/17	
131 117101460-131 Location: Plant Area		Yes	60 % (by CVES) by William M. Dunstan on 10/18/17	
Asbestos Types: Chryso	eterogeneous, Fibrous, Bulk Material tile 60.0 % se 20 %, Non-fibrous 20 %		3.1.3.13.17	
132 Location:	117101460-132 2nd Floor Top Of Rear Stairwell	Yes	20 % (by CVES) by William M. Dunstan	
Analyst Description: Beige, Asbestos Types: Chryso Other Material: Non-fib			on 10/18/17	
133 Location:	117101460-133 2nd Floor Top Of Rear Stairwell	Yes	20 % (by CVES) by William M. Dunstan	
Analyst Description: Beige, Asbestos Types: Chryso Other Material: Non-fib			on 10/18/17	
	117101460-134 2nd Floor Top Of Rear Stairwell	Yes	20 % (by CVES) by William M. Dunstan on 10/18/17	
Analyst Description: Beige, Asbestos Types: Chryso Other Material: Non-fit			on to to	

PLM Bulk Asbestos Report

Client No. / I	1GA	Lab No.	Asbestos Present	Total % Asbestos
135 117101460-135 Location: Plant Area Kiln		No	NAD (by CVES) by William M. Dunstan on 10/18/17	
Asbesto	s Types:	eous, Non-Fibrous, Bulk Mat		
	Material: Cellulose 2 %, F	ibrous glass 93 %, Non-fibr	ous 5 % ———————————————————————————————————	
136	Location: Plant Are	117101460-136 a Kiln	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbesto		eous, Fibrous, Bulk Material %, Non-fibrous 5 %		3
137	Location: Plant Are		No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbesto		eous, Fibrous, Bulk Material %, Non-fibrous 5 %	/	
138	Location: Plant Are	117101460-138 a Rear	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbesto	cription: Beige/Brown, He s Types: Material: Non-fibrous 100	eterogeneous, Non-Fibrous,	Bulk Material	UR TO/TO/T/
139	Location: Plant Are	117101460-139 pa Rear	No	NAD (by CVES)
Asbesto	cription: Beige/Brown, He s Types: Material: Non-fibrous 100	eterogeneous, Non-Fibrous,	Bulk Material	by William M. Dunstan on 10/18/17
140	Location: Plant Are		No	NAD (by CVES) by William M. Dunstan on 10/18/17
	cription: Beige, Heteroge s Types:	neous, Non-Fibrous, Bulk M	aterial	 -

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
141 117101460-141 Location: Plant Area Rear		No	NAD (by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Bei Asbestos Types: Other Material: Nor	ge, Heterogeneous, Non-Fibrous, Bulk Maten- n-fibrous 100 %	erial	
142	117101460-142	No	NAD
	on: Plant Area Rear		(by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Bei Asbestos Types: Other Material: No	ge, Heterogeneous, Non-Fibrous, Bulk Mat n-fibrous 100 %	erial	
143	117101460-143	No	NAD
	on: Plant Area Rear		(by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Bei Asbestos Types: Other Material: No	ge, Heterogeneous, Non-Fibrous, Bulk Mat n-fibrous 100 %	terial	1
144	117101460-144	No	NAD
Location	on: Plant Area Kiln		(by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Bro Asbestos Types: Other Material: No	wn, Heterogeneous, Non-Fibrous, Bulk Ma n-fibrous 100 %	terial	/
145	117101460-145	No	NAD
	on: Plant Area Kiln		(by CVES) by William M. Dunstan
Analyst Description: Bro Asbestos Types: Other Material: No	rwn, Heterogeneous, Non-Fibrous, Bulk Ma n-fibrous 100 %	iterial	
146	117101460-146	No	NAD
	on: Plant Area Kiln		(by CVES)
Locati	own, Heterogeneous, Non-Fibrous, Bulk Ma		by William M. Dunstan on 10/18/17

PLM Bulk Asbestos Report

Client No.	HGA	Lab No.	Asbestos Present	Total % Asbestos
147 117101460-147 Location: Plant Area Kiln		ea Kiln	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbest	scription: Beige, Heterog tos Types: r Material: Non-fibrous 10	eneous, Non-Fibrous, Bulk Ma	aterial	
148	THE CONTROL OF THE CO			
140	8 117101460-148 Location: Plant Area Kiln		No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbes	escription: Beige, Heterog tos Types: r Material: Non-fibrous 10	eneous, Non-Fibrous, Bulk Ma) %	aterial	
149	Location: Plant A	117101460-149 rea Kiln	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbes	escription: Beige, Heterog tos Types: r Material: Non-fibrous 10	eneous, Non-Fibrous, Bulk Ma O %	aterial	31.13/13/17
150	Location: Plant A	117101460-150L1 rea Kiln	Yes	20 % (by CVES) by William M. Dunstan on 10/18/17
Asbes	escription: Gray, Heteroge tos Types: Chrysotile 20.0 r Material: Non-fibrous 80) %		Off TO/TA/F/
150	Location: Plant A	117101460-150L2 rea Kiln	No	NAD (by CVES) by William M. Dunstan
Asbes	escription: Cream, Hetero tos Types: er Material: Fibrous glass !	geneous, Fibrous, Insulation 05 %, Non-fibrous 5 %		on 10/18/17
151	Location: Plant A		Yes	20 % (by CVES) by William M. Dunstan on 10/18/17
	escription: Gray, Heterogetos Types: Chrysotile 20.			

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101460-151L2 ocation: Plant Area Kiln	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbestos Type			
	al: Fibrous glass 95 %, Non-fibrous 5 %		
	117101460-152L1 .ocation: Plant Area Kiln	Yes	20 % (by CVES) by William M. Dunstan on 10/18/17
Asbestos Type	n: Gray, Heterogeneous, Fibrous, Transite s: Chrysotile 20.0 % al: Non-fibrous 80 %		
152 I	117101460-152L2 Location: Plant Area Kiln	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbestos Type	n: Cream, Heterogeneous, Fibrous, Insulation s: al: Fibrous glass 95 %, Non-fibrous 5 %		
153	117101460-153L1 Location: Plant Area Kiln	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbestos Type	on: Cream, Heterogeneous, Fibrous, Insulation os: al: Fibrous glass 98 %, Non-fibrous 2 %		01110/10/17
153	117101460-153L2	Yes	70 %
	Location: Plant Area Kiln	763	(by CVES) by William M. Dunstan on 10/18/17
Asbestos Type	on: Gray, Heterogeneous, Fibrous, Insulation es: Chrysotile 70.0 % al: Non-fibrous 30 %		
	117101460-154L1 Location: Plant Area Kiin	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbestos Typ	on: Cream, Heterogeneous, Fibrous, Insulation es: al: Fibrous glass 98 %, Non-fibrous 2 %		

Page 34 of 35

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
Location: Pla		Yes	70 % (by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Gray, Hete Asbestos Types: Chrysotile Other Material: Non-fibrou	70.0 %		
155 Location: Pla	117101460-155L1 ant Area Kiln	No	NAD (by CVES) by William M. Dunstan on 10/18/17
Asbestos Types:	eterogeneous, Fibrous, Insulation ass 98 %, Non-fibrous 2 %		
155 Location: Pl	117101460-155L2 ant Area Kiln	Yes	70 % (by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Gray, Het Asbestos Types: Chrysotile Other Material: Non-fibro	70.0 %		
156 Location: Pl	117101460-156 ant Area Kiln	Yes	70 % (by CVES) by William M. Dunstan on 10/18/17
	terogeneous, Fibrous, Bulk Material e 3.0 %, Chrysotile 67.0 % us 30 %		
157 Location: P	117101460-157 lant Area Kiln	Yes	70 % (by CVES) by William M. Dunstan on 10/18/17
	terogeneous, Fibrous, Bulk Material te 3.0 %, Chrysotile 67.0 % ous 30 %		311 137 137 11
158 117101460-158 Location: Plant Area Kiln		Yes	70 % (by CVES) by William M. Dunstan on 10/18/17
	terogeneous, Fibrous, Bulk Material te 3.0 %, Chrysotile 67.0 %		

AmeriSci Job #: 117101460

Client Name: Mid Atlantic Environmental Consultants, Inc

Page 35 of 35

PLM Bulk Asbestos Report

CEC-17-20; CEC; Newell Porcelain Plant

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
159	117101460-159	Yes	20 %
Locations	: Plant Area Kiln Top		(by CVES) by William M. Dunstan on 10/18/17
Analyst Description: Gray, Asbestos Types: Chrys	Heterogeneous, Fibrous, Bulk Material otile 20.0 %		
Other Material: Non-fi			
160	117101460-160	Yes	20 %
160		Yes	20 % (by CVES) by William M. Dunstan on 10/18/17

Reporting Notes:

Analyzed by: J. Samuel Baird

Date: 10/18/2017 Reviewed by:

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB 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 New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.



5320 N. Pioneer Road Gibsonia, PA 15044

Phone: 724-444-3460 Fax: 724-444-3463 midatlantic@zoominternet.net



Chain of Custody Form

Jan dard	Fax: Fax: Time: 0530 4M Time: 8:000M Time:
TYPE OF ANALYSIS	ignature: Phone: Date: 10/11/17 Date:
LAB ID NUMBER	Sampler Signature: Contact Name:
SAMPLE	Project Site: Dewell Police, Ann. Client / Address: CE C Email: Relinquished By: Felgan Kan Received By Annergist Received By Annergist

Additional Information:
* Please email results only to:
midatlantic @zoominternet , net



5320 N. Pioneer Road Gibsonia, PA 15044 Phone: 724-444-3460 Fax: 724-444-3463 midatlantic@zoominternet.net

117101460

Chain of Custody Form

SAMPLE	LAB ID NUMBER	TYPI	OF ANALYSIS	TURNAROUND THE
OFAIN LE		Dr.w	Asbestos	Standard.
0		PLI	C 113003/07	0/4
		1 1		
		- 1		
			1	
160			V	
160	A		011	
Project Site: Newell Porcelai	Sample Sample	er Signature:	us De	
Project Site: Deal 1 10122/4(10 1120			
			Phone:	Fax:
Client / Address: <u>CEC</u>			Hone	
Email:	Contact Nam	ie:		
			10 11 17	- ASTA AM
Received By (AMERISCI)	NL 8		Date: 10-11-/	Time: 0530 AM
Relinquished by.				
1.00 R			Date: 10 1117	Time: 8:000m
Received By			Dutc. 10 1	
0.			.	Time:
Received By AMSIZTSCT)			Date:	I line.
Meccine Dy (A) (Cato a)				
Additional Information:	110			RECEIVED
* Please email resi	olts only to:		**	RECEIVED
	- I		*	ž
	ton, ternet inot			OCT 1 2 2017
midatlantic@z	Oolimitie			
				By KHH
				01 -k-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1



AmeriSci Richmond

13635 GENITO ROAD **MIDLOTHIAN, VIRGINIA 23112** TEL: (804) 763-1200 • FAX: (804) 763-1800

FACSIMILE TELECOPY TRANSMISSION

To: Tim Daniels

Jean L. Mayes From:

Mid Atlantic Environmental Consultants, Inc

117101584 AmeriSci Job #:

Fax #:

Subject:

PLM 5 day Results

Client Project:

CEC-17-20; CEC; Newell

Porcelain Plant

Email: MIDATLANTIC@ZOOMINTERNET.NET

Date: Monday, October 23, 2017

Time:

18:15:04

Comments:

Number of Pages:

(including cover sheet)



CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis

Service 24 Hours A Day • 7 Days A Week visit our web site - www.amerisci.com

Competitive Prices



AmeriSci Richmond

13635 GENITO ROAD **MIDLOTHIAN, VIRGINIA 23112** TEL: (804) 763-1200 • FAX: (804) 763-1800

PLM Bulk Asbestos Report

Mid Atlantic Environmental Consultants, Date Received

10/16/17

AmeriSci Job #

117101584

Attn: Tim Daniels

Date Examined

10/23/17

P.O. #

5320 North Pioneer Road

Page

39 of

RE: CEC-17-20; CEC; Newell Porcelain Plant

Gibsonia, PA 15044

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
161 Location: Plan	117101584-01 t Area Kiln Top	Yes	10 % (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Gray, Heter Asbestos Types: Chrysotile Other Material: Non-fibrous	10.0 %	itious, Bulk Material	
162 Location: Plan	117101584-02.1 nt Area Kiln Front	Yes	15 % (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Gray, Hete Asbestos Types: Chrysotile Other Material: Non-fibrous	15.0 %	itious, Transite	
Location: Pla	117101584-02.2 nt Area Kiln Front	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Brown, Her Asbestos Types: Other Material: Cellulose S			J. 10125
163 117101584-03.1 Location: Plant Area Kiln Front		Yes	15 % (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Gray, Hete Asbestos Types: Chrysotile Other Material: Non-fibrou	15.0 %	titious, Transite	
163 Location: Pla	117101584-03.2 Int Area Kiln Front	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Brown, He Asbestos Types: Other Material: Cellulose			

Page 2 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-04.1 ocation: Plant Area Kiln Front	Yes	15 % (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Type	n: Gray, Heterogeneous, Non-Fibrous, Cement s: Chrysotile 15.0 % al: Non-fibrous 85 %	litious, Transite	
164 L	117101584-04.2 .ocation: Plant Area Kiln Front	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Type	n: Brown, Heterogeneous, Fibrous, Insulation es: al: Cellulose 95 %, Non-fibrous 5 %		
165	117101584-05 Location: Plant Area Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Type	on: Tan, Heterogeneous, Non-Fibrous, Bulk Ma es: al: Non-fibrous 100 %	iterial	
166	117101584-06 Location: Plant Area Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Typ	on: Tan, Heterogeneous, Non-Fibrous, Bulk Ma es: lal: Non-fibrous 100 %	aterial	2
167	117101584-07 Location: Plant Area Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Typ	on: Tan, Heterogeneous, Non-Fibrous, Bulk Ma es: lal: Non-fibrous 100 %	aterial	31 13 L3 11
168	117101584-08 Location: Plant Area Dryers	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Typ	on: Gray, Heterogeneous, Non-Fibrous, Bulk N nes: rlal: Non-fibrous 100 %	Naterial	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
69	117101584-09	No	NAD
Location:	Plant Area Dryers		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	Heterogeneous, Non-Fibrous, Bulk Ma	aterial	
Other Material: Non-fi	brous 100 %		
170	117101584-10	No	NAD
Location	Plant Area Dryers		(by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Gray, Asbestos Types: Other Material: Non-fi	Heterogeneous, Non-Fibrous, Bulk Ma brous 100 %	aterial	
171	117101584-11	No	NAD
	: Plant Area Dryers		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	Heterogeneous, Non-Fibrous, Bulk Netic fibers 30 %, Non-fibrous 70 %	Material	
172	117101584-12	No	NAD
Location	: Plant Area Dryers		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	, Heterogeneous, Non-Fibrous, Bulk N	Material	
Other Material: Syntr	etic fibers 30 %, Non-fibrous 70 %		
173	117101584-13	No	NAD
	: Plant Area Dryers		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	t, Heterogeneous, Non-Fibrous, Bulk for the state of the	Material	
		A4 -	NAD
174 Location	117101584-14 n: Plant Area 2nd Flr Over Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Tan, Asbestos Types:	Heterogeneous, Non-Fibrous, Bulk M	aterial	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
175	117101584-15	No	NAD
	Location: Plant Area 2nd Flr Over Kiln		(by CVES)
			by Jean L. Mayes
A			on 10/23/17
_	on: Tan, Heterogeneous, Non-Fibrous, Bulk Ma	tenal	
Asbestos Typ	es: ial: Animal hair 2 %, Non-fibrous 98 %		
	and Ammaritan 2 /0; Normbroad 30 /0		
76	117101584-16	No	NAD
	Location: Plant Area 2nd Flr Over Kiln		(by CVES)
			by Jean L. Mayes
Analyst Decorinti	on: Tan, Heterogeneous, Non-Fibrous, Bulk Ma	storial	on 10/23/17
Asbestos Tyr		iterial	
	tal: Animal hair 2 %, Non-fibrous 98 %		
		A4-	AIAD
177	117101584-17.1	No	NAD
	Location: Plant Area 2nd Flr Over Kiln		(by CVES)
			by Jean L. Mayes on 10/23/17
Analyst Descript	on: Gray, Heterogeneous, Non-Fibrous, Skim (Coat (Plaster)	011 10/23/17
Asbestos Tyr		,	
Other Mater	rial: Non-fibrous 100 %		
177	117101584-17.2	No	NAD
	Location: Plant Area 2nd Fir Over Kiln		(by CVES)
			by Jean L. Mayes
			on 10/23/17
Analyst Descript Asbestos Ty	lon: Tan, Heterogeneous, Non-Fibrous, Base C	oat (Plaster)	
•	rial: Animal hair NAD, Non-fibrous 98 %		
178	117101584-18.1	No	NAD
	Location: Plant Area 2nd Fir Over Kiln		(by CVES)
			by Jean L. Mayes
Analyst Descript	don: Gray, Heterogeneous, Non-Fibrous, Skim	Coat (Plaster)	on 10/23/17
Asbestos Ty		,	
_	rial: Non-fibrous 100 %		
178	117101584-18.2	No	NAD
110	Location: Plant Area 2nd Fir Over Kiln	710	(by CVES)
	TOTAL THE PARTY AND LINE IN COLUMN		by Jean L. Mayes
			on 10/23/17
Analyst Descrip	tion: Tan, Heterogeneous, Non-Fibrous, Base (Coat (Plaster)	
Asbestos Ty			
Other Mate	erlal: Animal hair 2 %, Non-fibrous 98 %		

Page 5 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HO	SA	Lab No.	Asbestos Present	Total % Asbestos
179	9 117101584-19 Location: Plant Area 2nd Fir Over Kiln		No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos 1	ypes:	eneous, Non-Fibrous, Bulk Mate %, Non-fibrous 98 %	erial	OH 10/25/17
180	Location: Plant	117101584-20 Area Elma Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos 1	Types:	geneous, Fibrous, Bulk Materia	al	
181	Location: Plant		No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos '	Types:	geneous, Fibrous, Bulk Materi 95 %, Non-fibrous 5 %	ai	
182	Location: Plant	117101584-22 Area Elma Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	Types:	ogeneous, Fibrous, Bulk Materi s 95 %, Non-fibrous 5 %	al	
183	Location: Plant	117101584-23 Area Elma Kiln Debris	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos		rogeneous, Non-Fibrous, Bulk 100 %	Material	
184	Location: Plant	117101584-24 Area Elma Kiln Debris	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos		rogeneous, Non-Fibrous, Bulk	Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-25 Plant Area Elma Kiln Debris	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Brown, Asbestos Types: Other Material: Non-fit	Heterogeneous, Non-Fibrous, Bulk Norous 100 %	Naterial	
86 Location:	117101584-26 Plant Area Denver Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: White, Asbestos Types: Other Material: Non-fil	Heterogeneous, Non-Fibrous, Bulk Norous 100 %	flaterial	
	117101584-27 Plant Area Denver Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: White Asbestos Types: Other Material: Non-fi	Heterogeneous, Non-Fibrous, Bulk M	Material	
188 Location	117101584-28 Plant Area Denver Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: White Asbestos Types: Other Material: Non-fi	, Heterogeneous, Non-Fibrous, Bulk I brous 100 %	Material	
189 Location	117101584-29 : Plant Area Campbell Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Tan, I Asbestos Types: Other Material: Non-I	Heterogeneous, Non-Fibrous, Bulk Ma ibrous 100 %	aterial	
190 Location	117101584-30 : Plant Area Campbell Kiln	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Tan, Asbestos Types: Other Material: Non-	Heterogeneous, Non-Fibrous, Bulk M	aterial	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-31 ocation: Plant Area Campbell Kiln 1: White, Heterogeneous, Non-Fibrous, Bulk N	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types		nato i ai	
192 L	117101584-32 ocation: Plant Area Rear	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Type	n: Brown, Heterogeneous, Non-Fibrous, Bulk l s: l: Cellulose 10 %, Fibrous glass 5 %, Non-fil		
193 L	117101584-33 ocation: Plant Area Rear	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Type	n: Brown, Heterogeneous, Non-Fibrous, Bulk s: al: Cellulose 10 %, Fibrous glass 5 %, Non-fi		
194 L	117101584-34 ocation: Plant Area Rear	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Type	n: Brown, Heterogeneous, Non-Fibrous, Bulk ns: al: Cellulose 10 %, Fibrous glass 5 %, Non-fi		
195	117101584-35 Location: Plant Area Rear	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Type	on: White, Heterogeneous, Non-Fibrous, Bulk es: al: Non-fibrous 100 %	Material	C. 1.5.25 11
	117101584-36 Location: Plant Area Rear	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Typ	on: White, Heterogeneous, Non-Fibrous, Bulk es: al: Non-fibrous 100 %	Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
97	117101584-37	Yes	15 %
Loc	ation: Plant Area Rear		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	Gray, Heterogeneous, Non-Fibrous, Cement Chrysotile 15.0 % Non-fibrous 85 %	itious, Bulk Material	
98	117101584-38	Yes	15 %
Loc	cation: Plant Area Rear		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	Gray, Heterogeneous, Non-Fibrous, Cement Chrysotile 15.0 % Non-fibrous 85 %	titious, Bulk Material	
199	117101584-39	Yes	15 %
Lo	cation: Plant Area Rear		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	Gray, Heterogeneous, Non-Fibrous, Cemen Chrysotile 15.0 % Non-fibrous 85 %	titious, Bulk Material	
200	117101584-40.1	Yes	25 %
Lo	cation: Plant Area Boiler Stair		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types	: White, Heterogeneous, Non-Fibrous, Insula : Chrysotile 20.0 %, Amosite 5.0 % : Non-fibrous 75 %	ation	
200	117101584-40.2	Yes	70 %
	cation: Plant Area Boiler Stair		(by CVES) by Jean L. Mayes on 10/23/17
	: White, Heterogeneous, Fibrous, Airocell :: Chrysotile 70.0 % : Non-fibrous 30 %		
			25 %
Other Material	117101584-41.1	Yes	
Other Material	117101584-41.1 ocation: Plant Area	Yes	(by CVES) by Jean L. Mayes on 10/23/17

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
201 Location: Plant A	117101584-41.2 rea	Yes	65 % (by CVES) by Jean L. Mayes
Analyst Description: White, Heterogan Asbestos Types: Chrysotile 65. Other Material: Non-fibrous 35	0 %		on 10/23/17
202 Location : Plant A	117101584-42.1 vea	Yes	25 % (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: White, Hetero Asbestos Types: Chrysotile 20 Other Material: Non-fibrous 75	0 %, Amosite 5.0 %		
202 Location: Plant A		Yes	65 % (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: White, Hetero Asbestos Types: Chrysotile 65 Other Material: Non-fibrous 3	.0 %		
203 Location: Basen	117101584-43 nent Rear	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Brown/Black, Asbestos Types: Other Material: Cellulose 80		terial	011 10/23/17
204 Location: Baser	117101584-44 nent Rear	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Brown/Black, Asbestos Types: Other Material: Cellulose 80	_	aterial	OR 10/23/17
205 Location: Baser	117101584-45 nent Rear	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: Black/Brown, Asbestos Types: Other Material: Cellulose 80		aterial	

Page 10 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	No. / HGA Lab No. Asbestos Present		Total % Asbestos
206 Location: B	117101584-46 asement Rear	Yes	13 % (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: White, He Asbestos Types: Chrysotil Other Material: Non-fibro		aterial	31 (323 1)
207 Location: B	7 117101584-47 Location: Basement Rear		13 % (by CVES) by Jean L. Mayes on 10/23/17
•	eterogeneous, Non-Fibrous, Bulk M e 10.0 %, Amosite 3.0 % ous 87 %	aterial	
	117101584-48 asement Rear	Yes	10 % (by CVES) by Jean L. Mayes on 10/23/17
Analyst Description: White, H Asbestos Types: Chrysoti Other Material: Non-fibro	-	laterial	
209 Location: E	117101584-49 Basement Boiler Room	Yes	30 % (by CVES) by Jean L. Mayes on 10/23/17
	leterogeneous, Non-Fibrous, Bulk Ne le 20.0 %, Amosite 10.0 % ous 70 %	Material	
210 Location: I	117101584-50 Basement Boiler Room	Yes	30 % (by CVES) by Jean L. Mayes on 10/23/17
	leterogeneous, Non-Fibrous, Bulk I ile 10.0 %, Amosite 20.0 % ous 70 %	Material	G11 13 25 11
211 Location:	117101584-51 Basement Boiler Room	Yes	30 % (by CVES) by Jean L. Mayes on 10/23/17
	Heterogeneous, Non-Fibrous, Bulk lile 10.0 %, Amosite 20.0 %	Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No. Asbestos Present		Total % Asbestos
	117101584-52 cation: Basement Boiler 2	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:			
	Fibrous glass 97 %, Non-fibrous 3 %		
213 Lo	117101584-53 cation: Basement Boiler 2	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types	: Yellow, Heterogeneous, Fibrous, Bulk Materi : : Fibrous glass 95 %, Non-fibrous 5 %	al	
214 Lo	117101584-54 ocation: Basement Boiler 2	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types	: Yellow/White, Heterogeneous, Fibrous, Bulk :: : Fibrous glass 95 %, Non-fibrous 5 %	Material	
215 Lo	117101584-55 ocation: Basement Boiler 2	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types	e: Yellow, Heterogeneous, Fibrous, Bulk Mater a: l: Fibrous glass 95 %, Non-fibrous 5 %	ial	<u></u>
216 Lo	117101584-56 ocation: Basement Boiler 2	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types	n: Yellow, Heterogeneous, Fibrous, Bulk Mater s: I: Fibrous glass 95 %, Non-fibrous 5 %	ial	
Other Materia			NAD
217	117101584-57 ocation: Basement Boiler 2	No	(by CVES) by Jean L. Mayes on 10/23/17

Page 12 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HG	A Lab No.	Asbestos Present	Total % Asbestos
218	117101584-58 Location: Basement Boiler 1	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Ty	tion: Yellow, Heterogeneous, Fibrous, Bulk M pes: prial: Fibrous glass 95 %, Non-fibrous 5 %	laterial	011 10/23/17
219	117101584-59	No	NAD
	Location: Basement Boiler 1		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Ty	tion: Yellow, Heterogeneous, Fibrous, Bulk N /pes: erial: Fibrous glass 95 %, Non-fibrous 5 %	Naterial	
220	117101584-60 Location: Basement Boiler 1) No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Ty	ution: Yellow, Heterogeneous, Fibrous, Bulk Mypes: erial: Fibrous glass 95 %, Non-fibrous 5 %	Material	
221	117101584-6' Location: Basement Boiler 1	1 N o	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos T	otion: Gray, Heterogeneous, Fibrous, Bulk Ma ypes: erial: Fibrous glass 70 %, Non-fibrous 30 %		01 10/2017
222	117101584-6	2 No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos T	ption: Gray, Heterogeneous, Fibrous, Bulk M ypes: terial: Fibrous glass 70 %, Non-fibrous 30 %		OR 10/23/17
223	117101584-6 Location: Basement Boiler 1	3 No	NAD (by CVES) by Jean L. Mayes on 10/23/17
	ption: Gray, Heterogeneous, Fibrous, Bulk M Types:	laterial	

Page 13 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / H	GA	Lab No.	Asbestos Present	Total % Asbestos
224	Location: Baseme		Yes	40 % (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	ri ption: Gray, Heteroge Types: Chrysotile 40.0 aterial: Cellulose 40 %			
225	Location: Baseme	117101584-65 ent Vat Room	Yes	40 % (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	ription: Gray, Heterogo Types: Chrysotile 40. aterial: Cellulose 40 %			
226	Location: Basem	117101584-66 ent Vat Room	Yes	70 % (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	cription: Gray, Heterog Types: Chrysotile 70. Laterial: Non-fibrous 30			
227	Location: Basen	117101584-67 ent Electric Room	Yes	20 % (by CVES) by Jean L. Mayes on 10/23/17
Asbesto	cription: White, Hetero Types: Chrysotile 20 Material: Non-fibrous 8		aterial	
228	228 117101584-68 Location: Basement Electric Room		Yes	20 % (by CVES) by Jean L. Mayes on 10/23/17
Asbesto	cription: White, Hetero s Types: Chrysotile 20 Material: Non-fibrous 8		aterial	
229		117101584-69 ment Electric Room	Yes	20 % (by CVES) by Jean L. Mayes on 10/23/17
Asbesto	cription: White, Heter s Types: Chrysotile 26 Material: Non-fibrous 8		laterial	

Page 14 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
230 Location:	117101584-70 Plant Area Dryers	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	Heterogeneous, Fibrous, Bulk Materia s glass 90 %, Non-fibrous 10 %	ıl	.
231		No	NAD
	31 117101584-71 Location: Plant Area Dryers		(by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	, Heterogeneous, Fibrous, Bulk Materia s glass 90 %, Non-fibrous 10 %	al	
	117101584-72 Plant Area Dryers	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	, Heterogeneous, Fibrous, Bulk Materi s glass 90 %, Non-fibrous 10 %	al	
233 Location:	117101584-73 South End High Roof	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos Types:	Heterogeneous, Non-Fibrous, Bulk Ma		011 10/25/17
234	117101584-74	No	NAD
20 -1			(by CVES)
	: South End High Roof		by Jean L. Mayes on 10/23/17
Location: Analyst Description: Black Asbestos Types:	: South End High Roof , Heterogeneous, Non-Fibrous, Bulk M ose 10 %, Fibrous glass 10 %, Non-fi		by Jean L. Mayes
Analyst Description: Black Asbestos Types: Other Material: Cellul	, Heterogeneous, Non-Fibrous, Bulk M		by Jean L. Mayes

PLM Bulk Asbestos Report

Client No.	/ HGA	Lab No. Asbestos Present		Total % Asbestos
236	236 117101584-76 Location: South End High Roof		Yes	5 % (by CVES) by Jean L. Mayes on 10/23/17
Asbes	escription: Black, Heter tos Types: Chrysotile f er Material: Non-fibrous		aterial	
237	Location: Sout	117101584-77 h End High Roof	Yes	30 % (by CVES) by Jean L. Mayes on 10/23/17
Asbes	escription: Black, Hetel stos Types: Chrysotile (or Material: Non-fibrous		laterial	5
238	Location: Sou	117101584-78 h End High Roof	Yes	30 % (by CVES) by Jean L. Mayes on 10/23/17
Asbes	escription: Black, Hete stos Types: Chrysotile er Material: Non-fibrous		laterial	
239	Location: Sou	117101584-79 th End Lower Roof Section	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asber	lescription: Black, Hete stos Types: er Material: Cellulose 2	rogeneous, Non-Fibrous, Bulk N) %, Non-fibrous 80 %	Naterial	G. 10125111
240			No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asber	lescription: Black, Hete stos Types: er Material: Cellulose 2	rogeneous, Non-Fibrous, Bulk M 0 %, Non-fibrous 80 %	Material	
241	Location: Sou	117101584-81 th End Lower Roof Section	No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbe	Description: Black, Hete stos Types: er Material: Cellulose 5	rogeneous, Non-Fibrous, Bulk I %. Non-fibrous 95 %	Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	
	117101584-82 f Over Walkway 2nd Floor S End	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17	
Analyst Description: Black, Hete Asbestos Types: Chrysotile Other Material: Cellulose 5	<1. %	lenai		
243 Location: Roo	117101584-83 f Over Walkway 2nd Floor S End	No	NAD (by CVES) by William M. Dunstan on 10/23/17	
Analyst Description: Black, Hete Asbestos Types: Other Material: Cellulose 5		aterial		
244 Location: Roc	117101584-84 No Location: Roof Over Walkway 2nd Floor S End			
Analyst Description: Black, Hete Asbestos Types: Other Material: Cellulose 5		aterial		
245 Location: Roo	117101584-85 of Between Walkway And Dryers	Yes	Trace (<1 %) (by CVES) by William M. Dunstan	
Analyst Description: Black, Hete Asbestos Types: Chrysotile Other Material: Cellulose 5			01110/2017	
			Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17	
Analyst Description: Black, Hete Asbestos Types: Chrysotile Other Material: Cellulose 5				
247 Location: Ro	117101584-87 of Between Walkway And Dryers	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17	
Analyst Description: Black, Het Asbestos Types: Chrysotile Other Material: Cellulose				

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
248 Loca	117101584-88 tion: Roof Over Denver & Campbell Kilns	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types: C	lack, Heterogeneous, Non-Fibrous, Bulk Materi hrysotile <1. % ellulose 5 %, Non-fibrous 95 %	al	
249 Loca	117101584-89 tion: Roof Over Denver & Campbell Kilns	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types: C	lack, Heterogeneous, Non-Fibrous, Bulk Materi hrysotile <1. % ellulose 5 %, Non-fibrous 95 %	ial	31.13.23.17
250 Loca	117101584-90 tion: Roof Over Denver & Campbell Kilns	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types: C	lack, Heterogeneous, Non-Fibrous, Bulk Mater hrysotile <1. % cellulose 5 %, Non-fibrous 95 %	ial	
251 Loca	117101584-91 ttion: Small Galbestos Root East Of Campbell	Yes Kiln	40 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: E Asbestos Types: 0 Other Material: N			OH 10/23/17
252 Loca	252 117101584-92 Yes Location: Small Galbestos Root East Of Campbell Kiln		40 % (by CVES) by William M. Dunstan
Analyst Description: E Asbestos Types: (Other Material: 1			on 10/23/17
253 Loc	117101584-93 ation: Small Galbestos Root East Of Campbel	Yes I Kiln	40 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: [Asbestos Types: (Other Material: [

Page 18 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-94 arge Section Galbestos Roof	Yes	40 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Black, H Asbestos Types: Chrysoti Other Material: Non-fibr			
255 Location: L	117101584-95 arge Section Galbestos Roof	Yes	40 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Black, H Asbestos Types: Chrysoti Other Material: Non-fibr			
256 Location: (117101584-96 arge Section Galbestos Roof	Yes	40 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Black, I- Asbestos Types: Chrysot Other Material: Non-fibi			
257 Location:	117101584-97 Larger Section Galbestos Roof	Yes	5 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Black, h Asbestos Types: Chrysol Other Material: Non-fib		al	311 13/23/17
258 117101584-98 Location: Larger Section Galbestos Roof		Yes	5 % (by CVES) by William M. Dunstan
Analyst Description: Black, I Asbestos Types: Chryso Other Material: Non-fib		al	OII IOIZOI II
	117101584-99 Larger Section Galbestos Roof	Yes	5 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Black, Asbestos Types: Chryso Other Material: Non-fit		ial	

Page 19 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-100 outheast Section Galbestos Roof	Yes	40 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Black, He Asbestos Types: Chrysotik Other Material: Non-fibro			
261 Location: S	117101584-101 outheast Section Galbestos Roof	Yes	25 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Black, He Asbestos Types: Chrysotil Other Material: Cellulose			
62 117101584-102 Location: Southeast Section Galbestos Roof		Yes	25 % (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types: Chrysotil	eterogeneous, Fibrous, Bulk Material e 25.0 % e 25 %, Non-fibrous 50 %		
263 Location: N	117101584-103 lorth End Of Kiln	Yes	15 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Gray, He Asbestos Types: Chrysoti Other Material: Non-fibr		, Bulk Mat eri al	
264 117101584-104 Location : North End Of Kiln		Yes	15 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Gray, He Asbestos Types: Chrysoti Other Material: Non-fibr		s, Bulk Material	GIL TO/AUT IT
265 Location: (117101584-105 North End Of Kiln	Yes	15 % (by CVES) by William M. Dunstan on 10/23/17
Analyst Description: Gray, H Asbestos Types: Chrysot Other Material: Non-fibr		s, Bulk Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-106 cation: Roof Over Dryers	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types	: Black, Heterogeneous, Non-Fibrous, Bulk Ma : Chrysotile <1. % : Cellulose 5 %, Fibrous glass 2 %, Non-fibro		
267 Lc	117101584-107 ocation: Roof Over Dryers	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types	: Black, Heterogeneous, Non-Fibrous, Bulk M :: Chrysotile <1. % :: Cellulose 5 %, Fibrous glass 2 %, Non-fibro		
268 L	117101584-108 ocation: Roof Over Dryers	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types	n: Black, Heterogeneous, Non-Fibrous, Bulk M s: Chrysotile <1. % l: Cellulose 5 %, Fibrous glass 2 %, Non-fibr		
269 L	117101584-109 ocation: Roof Over Dryers	Yes	2 % (by CVES) by William M. Dunstan on 10/23/17
Asbestos Type	n: Black, Heterogeneous, Non-Fibrous, Bulk N s: Chrysotile 2.0 % il: Fibrous glass 3 %, Non-fibrous 95 %	laterial	
270 L	117101584-110 ocation: Roof Over Dryers	Yes	2 % (by CVES) by William M. Dunstan on 10/23/17
Asbestos Type	n: Black, Heterogeneous, Non-Fibrous, Bulk N s: Chrysotile 2.0 % al: Fibrous glass 3 %, Non-fibrous 95 %	Naterial	
271	117101584-111 .ocation: Roof Over Dryers	Yes	2 % (by CVES) by William M. Dunstan on 10/23/17
Asbestos Type	n: Black, Heterogeneous, Non-Fibrous, Bulk f s: Chrysotile 2.0 % al: Fibrous glass 3 %, Non-fibrous 95 %	Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-112 on: Higher Roof Over Maint Shop	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types: Chr	ck, Heterogeneous, Non-Fibrous, Bulk Ma ysotile <1. % ous glass 2 %, Non-fibrous 98 %	terial	
273 Locatio	117101584-113 on: Higher Roof Over Maint Shop	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types: Chr	ck, Heterogeneous, Non-Fibrous, Bulk Ma ysotile <1. % rous glass 2 %, Non-fibrous 98 %	terial	
274 Location	117101584-114 on: Higher Roof Over Maint Shop	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types: Chi	ck, Heterogeneous, Non-Fibrous, Bulk Ma rysotile <1. % rous glass 2 %, Non-fibrous 98 %	aterial	
275 Locati	117101584-115 on: Roof Between 2 High Sections	No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types:	ck, Heterogeneous, Non-Fibrous, Bulk Ma Ilulose 5 %, Non-fibrous 95 %	aterial	3.1.13.23.17
276 Locati	117101584-116 on: Roof Between 2 High Sections	No	NAD (by CVES) by William M. Dunstan
Asbestos Types:	ack, Heterogeneous, Non-Fibrous, Bulk M Ilulose 5 %, Non-fibrous 95 %	aterial	on 10/23/17
277 Locati	117101584-117 ion: Roof Between 2 High Sections	No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types:	ack, Heterogeneous, Non-Fibrous, Bulk M	aterial	

PLM Bulk Asbestos Report

	. / HGA	Lab No.	Asbestos Present	Total % Asbestos
278	Location: Roof	117101584-118	No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbe	Description: Black, Heterogen estos Types: er Material: Cellulose 5 %, N		aterial	
279		117101584-119	No	NAD
	Location: Roof	117101004 110		(by CVES) by William M. Dunstan on 10/23/17
Asbe	Description: Black, Heteroger estos Types: ner Material: Cellulose 5 %, N		aterial	
280	Location: Roof	117101584-120	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 10/23/17
Asbe	Description: Black, Heteroger estos Types: Chrysotile <1. % her Material: Fibrous glass 2 %	•	aterial	
281	Location: Roof	117101584-121	No	NAD (by CVES) by J. Samuel Baird
				on 10/23/17
Asb	Description: Black, Heterogerestos Types:		_	on 10/23/17
Asb		Synthetic fibers 10 %, Nor	n-fibrous 10 %	
282	estos Types: her Material: Cellulose 80 %, Location: Roof	Synthetic fibers 10 %, Nor 117101584-122	n-fibrous 10 %	NAD (by CVES) by J. Samuel Baird on 10/23/17
Asb Ot 282 Analyst Asb	estos Types: her Material: Cellulose 80 %,	Synthetic fibers 10 %, Nor 117101584-122 neous, Non-Fibrous, Roofin	n-fibrous 10 % No	NAD (by CVES) by J. Samuel Baird
Asb Ot 282 Analyst Asb	estos Types: her Material: Cellulose 80 %, Location: Roof Description: Black, Heteroge estos Types:	Synthetic fibers 10 %, Nor 117101584-122 neous, Non-Fibrous, Roofin	n-fibrous 10 % No	NAD (by CVES) by J. Samuel Baird

PLM Bulk Asbestos Report

Client No. / H	GA	Lab No.	Asbestos Present	Total % Asbestos
284	1 Location: Higher Roof	17101584-124	No	NAD (by CVES) by J. Samuel Baird on 10/23/17
Asbestos '		_		
Other Ma	terial: Cellulose 20 %, Fibrou	ıs glass 15 %, Non-fib	rous 65 %	
285	1 Location: Higher Roof	17101584-125	Yes	3 % (by CVES) by J. Samuel Baird on 10/23/17
Asbestos	l ption: Black, Heterogeneous, Types: Chrysotile 3.0 % It erial: Cellulose 42 %, Fibro			
286	Location: Higher Roof	17101584-126	Yes	3 % (by CVES) by J. Samuel Baird on 10/23/17
Asbestos	iption: Black, Heterogeneous Types: Chrysotile 3.0 % aterial: Cellulose 42 %, Fibro			
287	Location: Roof	17101584-127	Yes	3 % (by CVES) by J. Samuel Baird on 10/23/17
Asbestos	Iption: Black, Heterogeneous Types: Chrysotile 3.0 % aterial: Cellulose 42 %, Fibro			011 10/23/17
288	Location: Roof	117101584-128	Yes	4 % (by CVES) by J. Samuel Baird on 10/23/17
Asbestos	ription: Black, Heterogeneous Types: Chrysotile 4.0 % aterial: Cellulose 20 %, Fibro			
289	Location: Roof	117101584-129	Yes	3 % (by CVES) by J. Samuel Baird on 10/23/17
Asbestos	ription: Black, Heterogeneous Types: Chrysotile 3.0 % aterial: Cellulose 20 %, Fibro			

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
Location: Ro		Yes	15 % (by CVES) by J. Samuel Baird on 10/23/17
Asbestos Types: Chrysotile	ck, Heterogeneous, Non-Fibrous, E 15.0 % 35 %, Fibrous glass 25 %, Non-fi		
291 Location: Ro		Yes	15 % (by CVES) by J. Samuel Baird on 10/23/17
Asbestos Types: Chrysotile	ck, Heterogeneous, Non-Fibrous, I 15.0 % 20 %, Fibrous glass 25 %, Non-fi		
292 Location: Ro	117101584-132 pof	Yes	15 % (by CVES) by J. Samuel Baird on 10/23/17
Asbestos Types: Chrysotile	ck, Heterogeneous, Non-Fibrous, 15.0 % 20 %, Fibrous glass 25 %, Non-f		
293 Location: Re	117101584-133 pof	No	NAD (by CVES) by J. Samuel Baird on 10/23/17
Asbestos Types:	sterogeneous, Non-Fibrous, Roofin		011 10/20/17
	55 %, Fibrous glass 20 %, Non-		
294 Location: R	117101584-134 oof	No	NAD (by CVES) by J. Samuel Baird on 10/23/17
Asbestos Types:	eterogeneous, Non-Fibrous, Roofir		
Asbestos Types:	eterogeneous, Non-Fibrous, Roofir		
Asbestos Types:	55 %, Fibrous glass 20 %, Non-		NAD (by CVES) by J. Samuel Baird on 10/23/17

PLM Bulk Asbestos Report

	/ HGA	Lab No.	Asbestos Present	Total % Asbesto
296	Location: Roof	117101584-136	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbe	description: Black, Heterogen stos Types: er Materiai: Cellulose 20 %, I		atenai	
297	Location: Roof	117101584-137	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbe	Description: Black, Heterogen stos Types: er Material: Cellulose 20 %,		ateriai	
298	Location: Roof	117101584-138	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbe	Description: Black, Heteroger estos Types: er Material: Cellulose 20 %,		aterial	
299	Location: Roof	117101584-139	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asb	Description: Black, Heteroger estos Types: ner Material: Cellulose 20 %,		laterial	
Asb	estos Types:		No No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asb Ott	estos Types: ner Material: Cellulose 20 %,	Non-fibrous 80 % 117101584-140 neous, Non-Fibrous, Bulk N	No	(by CVES) by Jean L. Mayes
Asb Ott	Location: Roof Description: Black, Heterogeestos Types:	Non-fibrous 80 % 117101584-140 neous, Non-Fibrous, Bulk N	No	(by CVES) by Jean L. Mayes

PLM Bulk Asbestos Report

Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
302	Location: Roof	117101584-142	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbesto	scription: Black, Hetero os Types: Material: Cellulose 20	ogeneous, Non-Fibrous, Bulk Ma %, Non-fibrous 80 %	aterial	
303		117101584-143	No	NAD
	Location: Roof		No	(by CVES) by Jean L. Mayes on 10/23/17
Asbeste	scription: Black, Heter os Types: Material: Cellulose 20	ogeneous, Non-Fibrous, Bulk M %, Non-fibrous 80 %	aterial	
304	Location: Roof	117101584-144 Under Metal	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbest	scription: Black, Heter os Types: · Material: Cellulose 20	ogeneous, Non-Fibrous, Bulk M %, Non-fibrous 80 %	aterial	
305	Location: Roof	117101584-145 Under Metal	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbest	scription: Black, Heter os Types: Material: Cellulose 25	ogeneous, Non-Fibrous, Bulk N	laterial	
306		117101584-146	Yes	5 %
	Location: Roo			(by CVES) by Jean L. Mayes on 10/23/17
Asbest	scription: Black, Hete tos Types: Chrysotile (r Material: Cellulose 20		laterial	×
307	Location: Roo	117101584-147 f Under Metal	Yes	5 % (by CVES) by Jean L. Mayes on 10/23/17
Asbes	escription: Black, Hete tos Types: Chrysotile or Material: Cellulose 2		Material	on islasti

PLM Bulk Asbestos Report

Client No. / H	GA Lai	b No.	Asbestos Present	Total % Asbestos
308	Location: Roof Under Metal	1584-148	Yes	5 % (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	iption: Black, Heterogeneous, Non-f Types: Chrysotile 5.0 % aterial: Cellulose 20 %, Non-fibrous		erial	
309	11710 Location: Roof Under Metal	1584-149	Yes	10 % (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	tption: Black, Heterogeneous, Non-l Types: Chrysotile 10.0 % aterial: Cellulose 15 %, Non-fibrous		erial	
310	11710 Location: Roof Under Metal	1584-150	Yes	10 % (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	ription: Black, Heterogeneous, Non- Types: Chrysotile 10.0 % aterial: Cellulose 15 %, Non-fibrous		terial	
311	11710 Location: Roof Under Metal)1584-151	Yes	30 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos	ription: Black, Heterogeneous, Non- Types: Chrysotile 30.0 % laterial: Cellulose 30 %, Non-fibrous		terial	
312	11710 Location: Roof Under Metal	01584-152	Yes	30 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos	cription: Black, Heterogeneous, Non- 3 Types: Chrysotile 30.0 % laterial: Cellulose 30 %, Non-fibrous		nterial	
313	Location: Roof Under Metal	01584-153	Yes	30 % (by CVES) by John S. Shearwood on 10/23/17
Asbesto	cription: Black/Brown, Heterogeneous Types: Chrysotile 30.0 % Material: Cellulose 30 %, Non-fibrou		Bulk Material	

PLM Bulk Asbestos Report

Clien	t No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
314 An:	Location: Roc	117101584-154 f Under Metal n, Heterogeneous, Non-Fibrous, I	Yes	30 % (by CVES) by John S. Shearwood on 10/23/17
	Asbestos Types: Chrysotile Other Material: Cellulose 3	30.0 %	Juk Material	
315	Location: Roo		Yes	30 % (by CVES) by John S. Shearwood on 10/23/17
An	alyst Description: Black/Brow Asbestos Types: Chrysotile Other Material: Cellulose 3		Bulk Material	
316	Location: Roo	117101584-156 of Under Metal	Yes	30 % (by CVES) by John S. Shearwood on 10/23/17
An	alyst Description: Black/Brow Asbestos Types: Chrysotile Other Material: Cellulose 3		Bulk Material	
317	Location: Ro	117101584-157 of Under Metal	Yes	20 % (by CVES) by John S. Shearwood on 10/23/17
An	alyst Description: Black/Brov Asbestos Types: Chrysotile Other Material: Cellulose 3		Bulk Material	
318	Location: Ro	117101584-158 of Under Metal	No	NAD (by CVES) by John S. Shearwood on 10/23/17
An	nalyst Description: Black/Brow Asbestos Types: Other Material: Cellulose	m, Heterogeneous, Non-Fibrous, 40 %, Non-fibrous 60 %	Bulk Material	
319	Location: Ro	117101584-159 of Under Metal	Yes	20 % (by CVES) by John S. Shearwood on 10/23/17
Ar	nalyst Description: Black/Brow Asbestos Types: Chrysotile Other Material: Cellulose		, Bulk Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-160 ion: Roof Under Metal	Yes	20 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Ch	ack/Brown, Heterogeneous, Non-Fibrous, B nrysotile 20.0 % Illulose 35 %, Non-fibrous 45 %	Bulk Material	
	117101584-161 Ion: Low Roof North End Section	Yes	10 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Cl	ack/Brown, Heterogeneous, Non-Fibrous, E nrysotile 10.0 % ellulose 40 %, Non-fibrous 50 %	Bulk Material	
322 Locat	117101584-162 ion: Low Roof North End Section	Yes	10 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Cl	ack/Brown, Heterogeneous, Non-Fibrous, E nrysotile 10.0 % ellulose 30 %, Fibrous glass 10 %, Non-fil		
323 Local	117101584-163 tion: Low Roof North End Section	Yes	10 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: C	ack/Brown, Heterogeneous, Non-Fibrous, I hrysotile 10.0 % ellulose 30 %, Fibrous glass 10 %, Non-fi		50 V3 23 V
324 Loca	117101584-164 tion: Low Roof North End Section	Yes	5 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: C	lack/Brown, Heterogeneous, Non-Fibrous, hrysotile 5.0 % rellulose 35 %, Non-fibrous 60 %	Bulk Material	on to more
325 Loca	117101584-165 tion: Low Roof North End Section	Yes	5 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: C	lack/Brown, Heterogeneous, Non-Fibrous, hrysotile 5.0 % cellulose 35 %, Non-fibrous 60 %	Bulk Material	

PLM Bulk Asbestos Report

Client No. / H	IGA Lab	No. Ast	estos Present	Total % Asbestos
326	1171015 Location: High Roof North End Sec	ction	No	NAD (by CVES) by John S. Shearwood on 10/23/17
Asbestos	ription: Black/Brown, Heterogeneous, N Types: laterial: Cellulose 35 %, Fibrous glass 5			
327		MAD		
52 <i>1</i>	1171015 Location: High Roof North End Se		No	NAD (by CVES) by John S. Shearwood on 10/23/17
Asbestos	ription: Black/Brown, Heterogeneous, N 3 Types: laterial: Cellulose 35 %, Fibrous glass (•		
328	1171015 Location: High Roof North End Se		No	NAD (by CVES) by Jean L. Mayes
Asbestos	cription: Black, Heterogeneous, Non-Fib Types: Iaterial: Cellulose 20 %, Non-fibrous 80			on 10/23/17
329	1171015 Location: Low Roof North End Se		No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos				
	flaterial: Cellulose 20 %, Non-fibrous 80			
330	117101: Location: Low Roof North End Se	ction	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbesto	cription: Black, Heterogeneous, Non-Fit 5 Types: Material: Cellulose 20 %, Non-fibrous 80			
331	117101 Location: Low Roof North End Se	584-171 ection	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Analyst Des	cription: Black, Heterogeneous, Non-Fil	orous, Bulk Material		

PLM Bulk Asbestos Report

Client No. / H	GA Lab No.	Asbestos Present	Total % Asbestos
332	117101584-172 Location: Low Roof North End Section	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	iption: Black, Heterogeneous, Non-Fibrous, Bull Types: aterial: Cellulose 20 %, Non-fibrous 80 %	(Material	
333	117101584-173 Location: Low Roof North End Section	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	ription: Black, Heterogeneous, Non-Fibrous, Bull Types: aterial: Cellulose 20 %, Non-fibrous 80 %	k Material	31132317
334	117101584-174 Location: South End Roof	No	NAD (by CVES) by Jean L. Mayes on 10/23/17
Asbestos	ription: Black, Heterogeneous, Non-Fibrous, Bul Types: aterial: Cellulose 20 %, Non-fibrous 80 %	k Material	
335	117101584-175 Location: South End Roof	No No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbestos	ription: Black, Heterogeneous, Non-Fibrous, Bu Types: laterial: Cellulose 5 %, Fibrous glass 2 %, Non-		3.1.13.23.17
336	117101584-176 Location: South End Roof	S No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbestos	cription: Black, Heterogeneous, Non-Fibrous, Bu 3 Types: faterial: Cellulose 5 %, Fibrous glass 2 %, Non		5 : 5
337	117101584-17 Location: South End Roof	7 No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbesto	cription: Black, Heterogeneous, Non-Fibrous, Bu s Types: Material: Cellulose 6 %, Non-fibrous 94 %	ılk Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
	117101584-178 : South End Roof	No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types:	, Heterogeneous, Non-Fibrous, Bulk Ma	atenai	
339 Location	117101584-179 : South End Pole Building	No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types:	w/Silver, Heterogeneous, Fibrous, Bulk us glass 95 %, Non-fibrous 5 %	Material	
340 Location	117101584-180 : South End Pole Building	No	NAD (by CVES) by William M. Dunstan on 10/23/17
Asbestos Types:	w/Silver, Heterogeneous, Fibrous, Bulk us glass 95 %, Non-fibrous 5 %	Material	
341 Location	117101584-181 :: South End Pole Building	No	NAD (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types:	Brown/Silver, Heterogeneous, Fibrous, lose 25 %, Fibrous glass 60 %, Non-fi		311 10/23/17
342 Location	117101584-182 : South End Pole Building Exterior	Yes	65 % (by CVES) by John S. Shearwood
Analyst Description: Gray. Asbestos Types: Chry. Other Material: Non-		Material	on 10/23/17
	117101584-183 n: South End Pole Building Exterior	Yes	65 % (by CVES) by John S. Shearwood on 10/23/17
Analyst Description: Gray Asbestos Types: Chry Other Material: Non-		Material	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
Analyst Description: Gray/l	117101584-184 South End Pole Building Exterior Black, Heterogeneous, Fibrous, Bulk Mate	Yes erial	65 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Chrys Other Material: Non-fi			
345 Location	117101584-185 : South End Roof	Yes	5 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Chrys	, Heterogeneous, Non-Fibrous, Bulk Mate otile 5.0 % ose 40 %, Non-fibrous 55 %	erial	
346 Location	117101584-186 : South End Roof	Yes	5 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Chrys	, Heterogeneous, Non-Fibrous, Bulk Mate sotile 5.0 % lose 40 %, Non-fibrous 55 %	erial	
347 Location	117101584-187 a: South End Roof	Yes	5 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Chrys	r, Heterogeneous, Non-Fibrous, Bulk Mat sotile 5.0 % lose 40 %, Non-fibrous 55 %	erial	011 10/25/17
348 Location	117101584-188 n: South	Yes	8 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Chry	k, Heterogeneous, Non-Fibrous, Bulk Mat sotile 8.0 % ilose 40 %, Non-fibrous 52 %	terial	GI IOLOTT
349 Location	117101584-189 n: South	Yes	8 % (by CVES) by John S. Shearwood on 10/23/17
Asbestos Types: Chry	k, Heterogeneous, Non-Fibrous, Bulk Ma sotile 8.0 % Jose 40 %, Non-fibrous 52 %	terial	

PLM Bulk Asbestos Report

Chefft No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
350	Location: South E	117101584-190 nd Building	No	NAD (by CVES) by John S. Shearwood on 10/23/17
Asbest	scription: Gray, Heteroge os Types: Material: Non-fibrous 100	neous, Non-Fibrous, Bulk Mai) %	terial	
351	117101584-191 Location: Larger Out Bldg Int Wall		Yes	40 % (by CVES) by John S. Shearwood on 10/23/17
Asbest	scription: Gray/White, He os Types: Chrysotile 40.0 Material: Non-fibrous 60		ntitious, Bulk Material	
352	Location: Larger	117101584-192 Out Bldg Int Ceiling	Yes	40 % (by CVES) by John S. Shearwood on 10/23/17
Asbest	scription: Gray/White, He os Types: Chrysotile 40.0 r Material: Non-fibrous 60		ntitious, Bulk Material	
353	Location: Larger	117101584-193 Out Bldg Int Ceiling	Yes	40 % (by CVES) by John S. Shearwood on 10/23/17
Asbest	s cription: Gray/White, Ho tos Types: Chrysotile 40. r Materi al: Non-fibrous 60		ntitious, Bulk Material	3.1.1.1.1.1.1
		117101584-194	No	NAD (by CVES)
354	Location: Larger	Out blog int Window Glaz		by John S. Shearwood
Analyst De		eterogeneous, Non-Fibrous, E	Bulk Material	by John S. Shearwood on 10/23/17
Analyst De	escription: Gray/Black, He tos Types: r Material: Non-fibrous 10	eterogeneous, Non-Fibrous, E	Bulk Material No	•

Page 35 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

Client No. /	HGA Lab No.	Asbestos Present	Total % Asbestos
356	117101584-19 Location: Larger Out Bldg Int Window Gla	az	4 % (by CVES) by John S. Shearwood on 10/23/17
Asbesto	scription: Gray/Beige, Heterogeneous, Non-Fibro os Types: Chrysotile 4.0 % Material: Non-fibrous 96 %	ous, Bulk Material	
357	117101584-19 Location: Larger Out Bldg Int Duct	7 Yes	60 % (by CVES) by John S. Shearwood on 10/23/17
Asbest	scription: Gray/White, Heterogeneous, Fibrous, I os Types: Chrysotile 60.0 % · Material: Cellulose 35 %, Non-fibrous 5 %	Bulk Material	
358	117101584-19 Location: Larger Out Bldg Int Duct	98 Yes	55 % (by CVES) by John S. Shearwood on 10/23/17
Asbest	scription: Gray/White, Heterogeneous, Fibrous, tos Types: Chrysotile 55.0 % r Material: Cellulose 35 %, Non-fibrous 10 %	Bulk Material	
359	117101584-19 Location: Larger Out Bidg Int Duct	99 Yes	60 % (by CVES) by John S. Shearwood on 10/23/17
Asbest	scription: Gray/White, Heterogeneous, Fibrous, tos Types: Chrysotile 60.0 % r Material: Cellulose 35 %, Non-fibrous 5 %	Bulk Material	
360	117101584-2 Location: Larger Out Bldg Exterior Over		NAD (by CVES) by John S. Shearwood on 10/23/17
Asbes	escription: Black/Gray, Heterogeneous, Non-Fibr tos Types: r Material: Cellulose 60 %, Non-fibrous 40 %	ous, Bulk Material	51. 13/AU/11
361	117101584-2 Location: Larger Out Bldg Exterior Over		NAD (by CVES) by John S. Shearwood on 10/23/17
Asbes	escription: Black/Gray, Heterogeneous, Non-Fib itos Types: er Material: Cellulose 60 %, Non-fibrous 40 %	rous, Bulk Material	

PLM Bulk Asbestos Report

Client No.	/ HGA	Lab No.	Asbestos Present	Total % Asbestos
362	Location: Larger O	•	NAD (by CVES) by John S. Shearwood on 10/23/17	
Asbes	escription: Black/Gray, Hete stos Types: er Material: Cellulose 60 %,		ılk Material	
363	Location: Larger O	117101584-203 ut Bldg Exterior Roof	Yes	40 % (by CVES) by John S. Shearwood on 10/23/17
Asbes	escription: Gray/White, Hetestos Types: Chrysotile 40.0 er Material: Non-fibrous 60 %	%	ntitious, Bulk Material	
364		117101584-204 ut Bldg Exterior Roof	Yes	40 % (by CVES) by John S. Shearwood on 10/23/17
Asbes	escription: Gray/White, Het stos Types: Chrysotile 40.0 er Material: Non-fibrous 60 9	%	ntitious, Bulk Material	
365	Location: Larger O	117101584-205 rut Bldg Exterior Roof	Yes	40 % (by CVES) by John S. Shearwood on 10/23/17
Asber	escription: Gray/White, Het stos Types: Chrysotile 40.0 er Material: Non-fibrous 60 9	%	ntitious, Bulk Material	011 10/2017
366	Location: Gas Out	117101584-206 Bldg	Yes	4 % (by CVES) by John S. Shearwood on 10/23/17
Asbe	Description: Gray, Heteroger stos Types: Chrysotile 4.0 9 er Material: Non-fibrous 96 9	6	aterial	UII 1U/23/17
367	Location: Gas Out		Yes	4 % (by CVES) by John S. Shearwood on 10/23/17
	Description: Gray Heteroge	neous, Non-Fibrous, Bulk Ma	aterial	

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
Analyst Description	117101584-208 ocation: Gas Out Bldg n: Gray, Heterogeneous, Non-Fibrous, Bulk Ma s: Chrysotile 4.0 %	Yes Iterial	4 % (by CVES) by John S. Shearwood on 10/23/17
Other Materia	al: Non-fibrous 96 %		
369	117101584-209	No	NAD
j	ocation: Gas Out Bldg Ent Gas Line		(by CVES) by John S. Shearwood on 10/23/17
Asbestos Type	n: Beige/Black, Heterogeneous, Fibrous, Bulk I s: al: Synthetic fibers 60 %, Non-fibrous 40 %	Material	
370	117101584-210	No	NAD
	.ocation: Gas Out Bldg Ent Gas Line		(by CVES) by John S. Shearwood on 10/23/17
Asbestos Type	n: Beige/Black, Heterogeneous, Fibrous, Bulk les: al: Synthetic fibers 60 %, Non-fibrous 40 %	Material	
371	117101584-211	No	NAD
L	Location: Gas Out Bldg Ent Gas Line		(by CVES) by John S. Shearwood on 10/23/17
Analyst Description Asbestos Type	n: Beige/Black, Heterogeneous, Fibrous, Bulk l	Material	011 10/20/17
Other Materia	al: Synthetic fibers 60 %, Non-fibrous 40 %		
372	117101584-212L1	No	NAD
	Location: Gas Out Bldg Ent Roof		(by CVES) by John S. Shearwood on 10/23/17
Analyst Description Asbestos Type	on: Black/Gray, Heterogeneous, Non-Fibrous, S	Shingle	
	al: Fibrous glass 8 %, Non-fibrous 92 %		
372	117101584-212L2	No	NAD
1	Location: Gas Out Bldg Ent Roof		(by CVES) by John S. Shearwood on 10/23/17
Analyst Description Asbestos Type	on: Black/Green, Heterogeneous, Non-Fibrous,	Shingle	9

AmeriSci Job #: 117101584

Client Name: Mid Atlantic Environmental Consultants, Inc

Page 38 of 39

PLM Bulk Asbestos Report

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos	
	117101584-213L1 No Location: Gas Out Bldg Ent Roof		NAD (by CVES) by John S. Shearwood on 10/23/17	
Asbestos Type	n: Black/Gray, Heterogeneous, Non-Fibrous, Sh s: al: Fibrous glass 8 %, Non-fibrous 92 %	ingle		
373 L	117101584-213L2 ocation: Gas Out Bidg Ent Roof	No	NAD (by CVES) by John S. Shearwood on 10/23/17	
Asbestos Type	n: Black/Green, Heterogeneous, Non-Fibrous, S s: al: Cellulose 25 %, Non-fibrous 75 %	Shingle		
374 I	117101584-214L1 .ocation: Gas Out Bldg Ent Roof	No	NAD (by CVES) by John S. Shearwood on 10/23/17	
Asbestos Type	n: Black/Gray, Heterogeneous, Non-Fibrous, St es: al: Fibrous glass 8 %, Non-fibrous 92 %	ningle		
374	117101584-214L2 Location: Gas Out Bldg Ent Roof	No	NAD (by CVES) by John S. Shearwood on 10/23/17	
Asbestos Typ	on: Black/Green, Heterogeneous, Non-Fibrous, 9 es: al: Cellulose 25 %, Non-fibrous 75 %	Shingle		
375	117101584-215 Location: Shack Next To Gas Bldg Metal Wind	No ows	NAD (by CVES) by John S. Shearwood on 10/23/17	
Asbestos Typ	on: Pink/Gray, Heterogeneous, Non-Fibrous, Bu es: ial: Non-fibrous 100 %	lk Material	OII 10/23/17	
376	117101584-216 Location: Shack Next To Gas Bldg Metal Wind		NAD (by CVES) by John S. Shearwood on 10/23/17	
Asbestos Typ	on: Pink/Gray, Heterogeneous, Non-Fibrous, Bues: lal: Non-fibrous 100 %	ılk Material		

Page 39 of 39

Client Name: Mid Atlantic Environmental Consultants, Inc

PLM Bulk Asbestos Report

CEC-17-20; CEC; Newell Porcelain Plant

Client No. /	HGA	Lab No.	Asbestos Present	Total % Asbestos
377	NAD (by CVES) by John S. Shearwood on 10/23/17			
Asbesto	scription: Pink/Gray, Hete os Types: Material: Non-fibrous 10	erogeneous, Non-Fibrous, Bu	lk Material	
378	Location: Shack I	117101584-218 Next To Gas Bldg	Yes	60 % (by CVES) by John S. Shearwood on 10/23/17
Asbesto	scription: Black/Brown, I- os Types: Chrysotile 60.0 Material: Non-fibrous 40		Material	
379	Location: Shack	117101584-219 Next To Gas Bldg	Yes	60 % (by CVES) by John S. Shearwood on 10/23/17
Asbeste	scription: Black/Brown, Fos Types: Chrysotile 60.0 Material: Non-fibrous 40		Material	31113/23/17
380	Location: Shack	117101584-220 Next To Gas Bldg	Yes	60 % (by CVES) by John S. Shearwood on 10/23/17
Asbest	scription: Black/Brown, hos Types: Chrysotile 60. Material: Non-fibrous 40		Material	311 19723 11

Reporting Notes:

Analyzed by: Jean L. Mayes_

_ Date: 10/23/2017 Reviewed by

*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NAPS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB 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 New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.



5320 N. Pioneer Road Gibsonia, PA 15044 Phone: 724-444-3460 Fax: 724-444-3463



Chain of Custody Form

HURNAROUND HIME	JN# CEC-17-20
PLM Asbestos	17 Time: 1343 Time: 3:00cm Time: Time:
LAB ID NUMBER	Date: 10 13 17 Date: 10 13 17 Date: 10 13 17
SAMPLE	Project Site: Newell Porcleus Plen Client / Address: Lefter King Relinquished By: Lefter King Relinquished By (AmeriSci)

Additional Information:

- Please indicate Mid Atlantic's job # on all results and invoices
- Email results to midatlantica cominternet.net



5320 N. Pioneer Road Gibsonia, PA 15044 Phone: 724-444-3460 Fax: 724-444-3463

117101584

Chain of Custody Form

SAMPLE LAE	B ID NUMBER		PE OF ANALYSIS		NAROUND TIME
161		P	um Abbastos	310	rdard
			€		
100			1		
310		13	L		<u> </u>
3/0			PLIK	1N# C	EC-17-20
Project Site: Newell Asrelain Plan	Sampler S	Signature:	11/12	JN#	
			Phone:	Fax	·
Client / Address:		,		2	
Relinquished By: Folgow Krus	Date: 10 -1.	3-11	Time: <u>/34</u>	<u> </u>	
Relinquished By Blu Seuch	Data: IN I	2/17	Time:_ 3:00	Pom_	
Relinquished By	DateC	3/1-		•	
Received By (AmeriSci)	Date:		Time:		
,					
Additional Information:					
Please indicate Mid Atlantic's job # on a	.11				RECEIVED
results and invoices					
a minesport annual annu					OCT 16 2017
1					

• Email results to midatlantic@zoominternet.net

Appendix D – Accreditation



WEST VIRGINIA

Asbestos Program

Edgar J. King

IS LICENSED AS AN

ASBESTOS INSPECTOR

License #: Al009156

Issued:

3/13/2017

Expires:

3/31/2018

m. Dreg

Director WV OEHS



WEST VIRGINIA Asbestos Program

Timothy E. Daniels

IS LICENSED AS AN ASBESTOS PROJECT DESIGNER

Director WV OEHS

icense #

AD003952

10/10/2017

Issued:

10/31/2018

Expires:

Welter M. Brey

