

**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**

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## **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.

DRAFT

### 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 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.....       | \$400,000 |
| Third Party Final Monitoring..... | \$10,000  |
| Project Management .....          | \$5,000   |
| Total .....                       | \$516,000 |

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 .....                          | \$816,000 |

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.

**FIGURE**





SUBMITTAL & REVISION RECORD

| NO | DATE | DESCRIPTION |
|----|------|-------------|
| -- | --   | --          |

P:\2016\164-123\GIS\Mapa\EN011\_2H2H\164123\_2H2H\_EN08\_FIG1\_SUBJECT\_PROPERTY\_LAYOUT.mxd 11/2/2017 2:01 PM (kcolazzi)



LEGEND

 APPROXIMATE SUBJECT PROPERTY LIMITS

REFERENCE

1. ESRI WORLD IMAGERY / ARCGIS MAP SERVICE:  
HTTP://GOTO.ARCGISONLINE.COM/MAPS/WORLD\_IMAGERY,  
ACCESSED 11/2/2017, IMAGERY DATE: 2015.



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BUSINESS DEVELOPMENT CORPORATION OF  
THE NORTHERN PANHANDLE  
ABCA – NEWELL PORCELAIN PROPERTY  
NEWELL, HANCOCK COUNTY, WEST VIRGINIA

SUBJECT PROPERTY LAYOUT MAP

DRAWN BY: KMC CHECKED BY: DRAFT  
DATE: 11/02/2017 SCALE: 1" = 200'

APPROVED BY: DRAFT\*  
PROJECT NO: 164-123.2H2H

FIGURE NO:  
\* Hand signature  
on file

1



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**APPENDIX A**

**EXCERPT FROM ASBESTOS SURVEY REPORT**

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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  
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*PREPARED BY:*

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October 24, 2017

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

Attn: Mr. Dave Olson

**Re: Summary of Asbestos Facility Survey**

To Whom It May Concern:

Commencing Friday, October 6<sup>th</sup>, 2017 through Friday, October 13<sup>th</sup>, 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](mailto:midatlantic@zoominternet.net).

Sincerely,



Edgar J. King  
Asbestos Building Inspector  
WV License #: AI009156



Timothy E. Daniels  
Managing Partner  
WV License #: AD003952



## Former Newell Porcelain Plant Buildings

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 6<sup>th</sup>, 2017 and was completed on Friday, October 13<sup>th</sup>, 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 <sup>st</sup> Floor Under Bench Behind Radiator Also on Ground | 16 Sq Ft Visible           | Friable               | 15-20 % Chrysotile<br>15% Amosite |
| Black / Grey TSI Aircell     | Office Building 1 <sup>st</sup> Floor Under Bench Behind Radiator Also on Ground | 3 Ln Ft Visible            | Friable               | 45 % Chrysotile                   |

## Former Newell Porcelain Plant Buildings

TABLE 1—ASBESTOS CONTAINING MATERIALS (*Continued*)

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

## Former Newell Porcelain Plant Buildings

TABLE 1—ASBESTOS CONTAINING MATERIALS (*Continued*)

| MATERIAL                           | LOCATION                                    | APPROX. QUANTITY  | Friable/<br>Non-Friable | ASBESTOS CONTENT                    |
|------------------------------------|---|-------------------|-------------------------|-------------------------------------|
| Beige Transite                     | 2 <sup>nd</sup> 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<br>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<br>5% Amosite     |
| White Mag. Insulation              | Basement Rear 6” Line                       | 80 Ln Ft Visible  | Friable                 | 3-10% Chrysotile<br>3-10% Amosite   |
| White Mag. Insulation              | Basement Boiler Room 8” Line                | 80 Ln Ft Visible  | Friable                 | 10-20% Chrysotile<br>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                      |

## Former Newell Porcelain Plant Buildings

TABLE 1—ASBESTOS CONTAINING MATERIALS (*Continued*)

| MATERIAL                         | LOCATION                                    | APPROX. QUANTITY          | FRIABLE/<br>NON-FRIABLE | ASBESTOS<br>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      |



## Former Newell Porcelain Plant Buildings

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 warranted 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 re-quantify 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



Mid Atlantic Environmental Consultants, Inc.  
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 (724) 444-3460 Phone (724) 444-3463 Fax  
 Email: [midatlantic@zoominternet.net](mailto:midatlantic@zoominternet.net)

## Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Date: October 6, 2017  
 Project: Newell Porcelain Plant – Fifth & Harrison Streets Inspector: Edgar King  
 Newell, West Virginia EPA / West Virginia Lic. No: AI009156  
 Job Number: CEC-17-20

| SAMPLE | LOCATION  | DESCRIPTION                     | APPROX QUANTITY    | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|---|---------------------------------|--------------------|-----------|----------------------|------------------|
| 01     | Office Building<br>2 <sup>nd</sup> Floor Offices    | White / Grey 1 x 1 Ceiling Tile | 1,200 Sq Ft<br>(A) | Poor      | High                 | None             |
| 02     | Office Building<br>2 <sup>nd</sup> Floor Offices    | Brown Glue Dot                  | 1,200 Sq Ft<br>(B) | Poor      | High                 | None             |
| 03     | Office Building<br>2 <sup>nd</sup> Floor Offices    | White / Grey 1 x 1 Ceiling Tile | (A)                | Poor      | High                 | None             |
| 04     | Office Building<br>2 <sup>nd</sup> Floor Offices    | Brown Glue Dot                  | (B)                | Poor      | High                 | None             |
| 05     | Office Building<br>2 <sup>nd</sup> Floor Offices    | White / Grey 1 x 1 Ceiling Tile | (A)                | Poor      | High                 | None             |
| 06     | Office Building<br>2 <sup>nd</sup> Floor Offices    | Brown Glue Dot                  | (B)                | Poor      | High                 | None             |
| 07A    | Office Building<br>2 <sup>nd</sup> Floor Throughout | White Skim Coat Ceiling Plaster | 3,850 Sq Ft<br>(C) | Poor      | High                 | None             |
| 07B    | Office Building<br>2 <sup>nd</sup> Floor Throughout | Grey Base Coat Ceiling Plaster  | (C)                | Poor      | High                 | None             |
| 08A    | Office Building<br>2 <sup>nd</sup> Floor Throughout | White Skim Coat Ceiling Plaster | (C)                | Poor      | High                 | None             |
| 08B    | Office Building<br>2 <sup>nd</sup> Floor Throughout | Grey Base Coat Ceiling Plaster  | (C)                | Poor      | High                 | None             |

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## Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Date: October 6, 2017  
 Project: Newell Porcelain Plant – Fifth & Harrison Streets Inspector: Edgar King  
 Newell, West Virginia EPA / West Virginia Lic. No: AI009156  
 Job Number: CEC-17-20

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

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

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

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|--------|---|---------------------------------|---------------------|-----------|----------------------|------------------|
| 29A    | Office Building 1 <sup>st</sup> Floor<br>Offices to Left of Entrance Under Carpet | Tan / Brown 9 x 9 Floor Tile    | (J)                 | Poor      | High                 | None             |
| 29B    | Office Building 1 <sup>st</sup> Floor<br>Offices to Left of Entrance Under Carpet | Black Floor Tile Mastic / Felt  | (J)                 | Poor      | High                 | None             |
| 30A    | Office Building 1 <sup>st</sup> Floor<br>Offices to Left of Entrance Under Carpet | Tan / Brown 9 x 9 Floor Tile    | (J)                 | Poor      | High                 | None             |
| 30B    | Office Building 1 <sup>st</sup> Floor<br>Offices to Left of Entrance Under Carpet | Black Floor Tile Mastic / Felt  | (J)                 | Poor      | High                 | None             |
| 31     | Office Building 1 <sup>st</sup> Floor<br>Right Rear Office (In Closet)            | Grey TSI Aircell                | 8 Ln Ft Visible (K) | Poor      | High                 | 45 %             |
| 32     | Office Building 1 <sup>st</sup> Floor<br>Right Rear Office (In Closet)            | Grey TSI Aircell                | (K)                 | Poor      | High                 | 45 %             |
| 33     | Office Building 1 <sup>st</sup> Floor<br>Right Rear Office (In Closet)            | Grey TSI Aircell                | (K)                 | Poor      | High                 | 45 %             |
| 34A    | Office Building 1 <sup>st</sup> Floor Throughout                                  | White Wall Covering             | 3,850 Sq Ft (L)     | Poor      | High                 | None             |
| 34B    | Office Building 1 <sup>st</sup> Floor Throughout                                  | White Skim Coat Ceiling Plaster | (L)                 | Poor      | High                 | None             |
| 34C    | Office Building 1 <sup>st</sup> Floor Throughout                                  | White Base Coat Ceiling Plaster | (L)                 | Poor      | High                 | Trace            |
| 35A    | Office Building 1 <sup>st</sup> Floor Throughout                                  | White Wall Covering             | (L)                 | Poor      | High                 | None             |
| 35B    | Office Building 1 <sup>st</sup> Floor Throughout                                  | White Skim Coat Ceiling Plaster | (L)                 | Poor      | High                 | None             |
| 35C    | Office Building 1 <sup>st</sup> Floor Throughout                                  | White Base Coat Ceiling Plaster | (L)                 | Poor      | High                 | Trace            |

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## Building Inspection Results

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| SAMPLE | LOCATION   | DESCRIPTION                     | APPROX QUANTITY | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|--|---------------------------------|-----------------|-----------|----------------------|------------------|
| 36A    | Office Building 1 <sup>st</sup> Floor Throughout | White Wall Covering             | (L)             | Poor      | High                 | None             |
| 36B    | Office Building 1 <sup>st</sup> Floor Throughout | White Skim Coat Ceiling Plaster | (L)             | Poor      | High                 | None             |
| 36C    | Office Building 1 <sup>st</sup> Floor Throughout | Grey Coat Ceiling Plaster       | (L)             | Poor      | High                 | Trace            |
| 37A    | Office Building 1 <sup>st</sup> Floor Throughout | White Wall Covering             | (L)             | Poor      | High                 | None             |
| 37B    | Office Building 1 <sup>st</sup> Floor Throughout | White Skim Coat Ceiling Plaster | (L)             | Poor      | High                 | None             |
| 37C    | Office Building 1 <sup>st</sup> Floor Throughout | White Base Coat Ceiling Plaster | (L)             | Poor      | High                 | Trace            |
| 38A    | Office Building 1 <sup>st</sup> Floor Throughout | White Wall Covering             | (L)             | Poor      | High                 | None             |
| 38B    | Office Building 1 <sup>st</sup> Floor Throughout | White Skim Coat Ceiling Plaster | (L)             | Poor      | High                 | None             |
| 38C    | Office Building 1 <sup>st</sup> Floor Throughout | Grey Base Coat Ceiling Plaster  | (L)             | Poor      | High                 | Trace            |
| 39A    | Office Building 1 <sup>st</sup> Floor Throughout | White Skim Coat Wall Plaster    | 7,100 Sq Ft (M) | Poor      | High                 | None             |
| 39B    | Office Building 1 <sup>st</sup> Floor Throughout | Grey Base Coat Wall Plaster     | (M)             | Poor      | High                 | Trace            |
| 40A    | Office Building 1 <sup>st</sup> Floor Throughout | White Skim Coat Wall Plaster    | (M)             | Poor      | High                 | None             |
| 40B    | Office Building 1 <sup>st</sup> Floor Throughout | Grey Base Coat Wall Plaster     | (M)             | Poor      | High                 | Trace            |

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| SAMPLE | LOCATION  | DESCRIPTION                           | APPROX<br>QUANTITY | CONDITION | POTENTIAL<br>FOR DAMAGE | ASBESTOS<br>CONTENT |
|--------|---|---------------------------------------|--------------------|-----------|-------------------------|---------------------|
| 41A    | Office Building<br>1 <sup>st</sup> Floor Throughout                 | White Skim Coat Wall Plaster          | (M)                | Poor      | High                    | None                |
| 41B    | Office Building<br>1 <sup>st</sup> Floor Throughout                 | Grey Base Coat Wall Plaster           | (M)                | Poor      | High                    | None                |
| 42A    | Office Building<br>1 <sup>st</sup> Floor Throughout                 | White Skim Coat Wall Plaster          | (M)                | Poor      | High                    | None                |
| 42B    | Office Building<br>1 <sup>st</sup> Floor Throughout                 | Grey Base Coat Wall Plaster           | (M)                | Poor      | High                    | None                |
| 43A    | Office Building<br>1 <sup>st</sup> Floor Throughout                 | White Skim Coat Wall Plaster          | (M)                | Poor      | High                    | None                |
| 43B    | Office Building<br>1 <sup>st</sup> Floor Throughout                 | Grey Base Coat Wall Plaster           | (M)                | Poor      | High                    | None                |
| 44     | Office Building<br>Exterior Windows                                 | Tan Exterior Window Glazing           | (E)                | Poor      | High                    | None                |
| 45     | Office Building<br>Exterior Windows                                 | Black / Grey Exterior Window Caulking | (F)                | Poor      | High                    | 6 %                 |
| 46     | Office Building Basement / Plant Level<br>Men's & Women's Restrooms | White / Yellow 2 x 2 Ceiling Tile     | 270 Sq Ft<br>(N)   | Poor      | High                    | None                |
| 47     | Office Building Basement / Plant Level<br>Men's & Women's Restrooms | White / Yellow 2 x 2 Ceiling Tile     | (N)                | Poor      | High                    | None                |
| 48     | Office Building Basement / Plant Level<br>Men's & Women's Restrooms | White / Yellow 2 x 2 Ceiling Tile     | (N)                | Poor      | High                    | None                |

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## Building Inspection Results

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| SAMPLE | LOCATION   | DESCRIPTION              | APPROX QUANTITY | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|--|--------------------------|-----------------|-----------|----------------------|------------------|
| 49A    | Office Building Basement / Plant Level Men's & Women's Restrooms | White 12 x 12 Floor Tile | 270 Sq Ft (O)   | Poor      | High                 | 5 %              |
| 49B    | Office Building Basement / Plant Level Men's & Women's Restrooms | Black Floor Tile Mastic  | (O)             | Poor      | High                 | 5 %              |
| 50A    | Office Building Basement / Plant Level Men's & Women's Restrooms | White 12 x 12 Floor Tile | (O)             | Poor      | High                 | 2 %              |
| 50B    | Office Building Basement / Plant Level Men's & Women's Restrooms | Black Floor Tile Mastic  | (O)             | Poor      | High                 | 8 %              |
| 51A    | Office Building Basement / Plant Level Men's & Women's Restrooms | White 12 x 12 Floor Tile | (O)             | Poor      | High                 | 4 %              |
| 51B    | Office Building Basement / Plant Level Men's & Women's Restrooms | Black Floor Tile Mastic  | (O)             | 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             |

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|--------|--|--------------------------|--------------------|-----------|-------------------------|---------------------|
| 54A    | Office Building Basement /<br>Plant Level Men's & Women's<br>Restrooms | Brown 4" Cove Base       | ( P )              | Poor      | High                    | None                |
| 54B    | Office Building Basement /<br>Plant Level Men's & Women's<br>Restrooms | Brown Cove Base Adhesive | ( P )              | Poor      | High                    | None                |
| 55A    | Office Building Basement /<br>Plant Level Lab                          | Black 12 x 12 Floor Tile | 650 Sq Ft<br>( Q ) | Poor      | High                    | 4 %                 |
| 55B    | Office Building Basement /<br>Plant Level Lab                          | Black Floor Tile Mastic  | ( Q )              | Poor      | High                    | 6 %                 |
| 56A    | Office Building Basement /<br>Plant Level Lab                          | Black 12 x 12 Floor Tile | ( Q )              | Poor      | High                    | 4 %                 |
| 56B    | Office Building Basement /<br>Plant Level Lab                          | Black Floor Tile Mastic  | ( Q )              | Poor      | High                    | 4 %                 |
| 57A    | Office Building Basement /<br>Plant Level Lab                          | Brown 12 x 12 Floor Tile | ( Q )              | Poor      | High                    | 5 %                 |
| 57B    | Office Building Basement /<br>Plant Level Lab                          | Black Floor Tile Mastic  | ( Q )              | Poor      | High                    | 4 %                 |
| 58     | Office Building Basement /<br>Plant Level Lab                          | Brown 1 x 1 Ceiling Tile | 650 Sq Ft<br>( R ) | Poor      | High                    | None                |
| 59     | Office Building Basement /<br>Plant Level Lab                          | Brown Glue Dollop        | 650 Sq Ft<br>( S ) | Poor      | High                    | None                |

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|--------|--|--------------------------|---------------------------------|-----------|-------------------------|---------------------|
| 60     | Office Building Basement /<br>Plant Level Lab        | Brown 1 x 1 Ceiling Tile | ( R )                           | Poor      | High                    | None                |
| 61     | Office Building Basement /<br>Plant Level Lab        | Brown Glue Dollop        | ( S )                           | Poor      | High                    | None                |
| 62     | Office Building Basement /<br>Plant Level Lab        | Brown 1 x 1 Ceiling Tile | ( R )                           | Poor      | High                    | None                |
| 63     | Office Building Basement /<br>Plant Level Lab        | Brown Glue Dollop        | ( S )                           | Poor      | High                    | None                |
| 64     | Office Building Basement /<br>Plant Level Throughout | Tan Ceiling Plaster      | 3,400 Sq Ft<br>( T )            | Poor      | High                    | Trace               |
| 65     | Office Building Basement /<br>Plant Level Throughout | Off White 6" Aircell TSI | 250 Ln Ft<br>( U )              | Poor      | High                    | 60 %                |
| 66     | Office Building Basement /<br>Plant Level Throughout | Tan 4" Aircell TSI       | 240 Ln Ft<br>( V )              | Poor      | High                    | 70 %                |
| 67     | Office Building Basement /<br>Plant Level Throughout | Grey 6" TSI Fitting      | 14 Fittings<br>Visible<br>( W ) | Poor      | High                    | 15 %                |
| 68     | Office Building Basement /<br>Plant Level Throughout | Grey 4" TSI Fitting      | 31 Fittings<br>Visible<br>( X ) | Poor      | High                    | 15 %                |
| 69     | Office Building Basement /<br>Plant Level Throughout | Tan Wall Plaster         | 7,650 Sq Ft<br>( Y )            | Poor      | High                    | Trace               |

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|--------|---|------------------------|-----------------|-----------|----------------------|------------------|
| 70     | Office Building Basement / Plant Level Throughout   | White 6" TSI           | ( U )           | Poor      | High                 | 60 %             |
| 71     | Office Building Basement / Plant Level Throughout   | Tan 4" TSI             | ( V )           | Poor      | High                 | 60 %             |
| 72     | Office Building Basement / Plant Level Throughout   | Grey 4" TSI Fitting    | ( W )           | 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     | ( Y )           | Poor      | High                 | Trace            |
| 75     | Office Building Basement / Plant Level Throughout   | Brown Ceiling Plaster  | ( T )           | Poor      | High                 | None             |
| 76     | Office Building Basement / Plant Level Throughout   | Brown Ceiling Plaster  | ( T )           | Poor      | High                 | None             |
| 77     | Office Building Basement / Plant Level Throughout   | Brown Wall Plaster     | ( Y )           | Poor      | High                 | None             |
| 78     | Office Building Basement / Plant Level Throughout   | Brown Wall Plaster     | ( Y )           | Poor      | High                 | None             |
| 79     | Office Building Basement / Plant Level Small Office | Tan 1 x 1 Ceiling Tile | 160 Sq Ft ( Z ) | Poor      | High                 | None             |

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| SAMPLE | LOCATION   | DESCRIPTION            | APPROX QUANTITY  | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|--|------------------------|------------------|-----------|----------------------|------------------|
| 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                 | 60 %             |
| 83     | Office Building Basement / Plant Level Small Office        | White 4" Aircell TSI   | ( V )            | Poor      | High                 | 60 %             |
| 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 %             |
| 86     | 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     | ( Y )            | Poor      | High                 | Trace            |
| 88     | Office Building Basement / Plant Level On Boiler and Floor | Tan Boiler Mud         | 150 Sq Ft ( AA ) | Poor      | High                 | 25 %             |
| 89     | Office Building Basement / Plant Level On Boiler and Floor | Tan Boiler Mud         | ( AA )           | Poor      | High                 | 25 %             |

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## 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

| SAMPLE | LOCATION  | DESCRIPTION                  | APPROX<br>QUANTITY  | CONDITION | POTENTIAL<br>FOR DAMAGE | ASBESTOS<br>CONTENT |
|--------|---|------------------------------|---------------------|-----------|-------------------------|---------------------|
| 90     | Office Building Basement /<br>Plant Level On Boiler and Floor | Beige Boiler Mud             | ( AA )              | Poor      | High                    | 20 %                |
| 91     | Office Building Basement /<br>Plant Level Boiler Room         | Brown Ceiling Plaster        | 150 Sq Ft<br>( BB ) | Poor      | High                    | None                |
| 92     | Office Building Basement /<br>Plant Level Boiler Room         | Brown Ceiling Plaster        | ( BB )              | Poor      | High                    | None                |
| 93     | Office Building Basement /<br>Plant Level Boiler Room         | Brown Ceiling Plaster        | ( BB )              | Poor      | High                    | None                |
| 94     | Office Building Basement /<br>Plant Level Storage Rooms       | Brown Ceiling Plaster        | 300 Sq Ft<br>( CC ) | Poor      | High                    | None                |
| 95     | Office Building Basement /<br>Plant Level Storage Rooms       | Brown Ceiling Plaster        | ( CC )              | Poor      | High                    | None                |
| 96     | Office Building Basement /<br>Plant Level Storage Rooms       | Brown Ceiling Plaster        | ( CC )              | Poor      | High                    | None                |
| 97     | Office Building Throughout                                    | Tan Exterior Window Glazing  | ( E )               | Poor      | High                    | None                |
| 98     | Office Building Throughout                                    | Tan Exterior Window Caulking | ( F )               | Poor      | High                    | 8 %                 |

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 Job Number: CEC-17-20

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

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## Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Date: October 9 / 10, 2017  
 Project: Newell Porcelain Plant – Fifth & Harrison Streets Inspector: Edgar King  
 Newell, West Virginia EPA / West Virginia Lic. No: AI009156  
 Job Number: CEC-17-20

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

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

| SAMPLE | LOCATION              | DESCRIPTION                                  | APPROX<br>QUANTITY             | CONDITION | POTENTIAL<br>FOR DAMAGE | ASBESTOS<br>CONTENT |
|--------|-----------------------|--|--------------------------------|-----------|-------------------------|---------------------|
| 116    | Plant Area            | Grey 4" Aircell Pipe Insulation              | ( JJ )                         | Poor      | High                    | 55 %                |
| 117    | Plant Area            | Grey 6" Aircell Pipe Insulation              | 470 Ln Ft<br>Visible<br>( KK ) | Poor      | High                    | 55 %                |
| 118    | Plant Area            | White / Yellow 4" Fiberglass Pipe Insulation | 300 Ln Ft<br>Visible<br>( LL ) | Poor      | High                    | None                |
| 119    | Plant Area            | White / Yellow 4" Fiberglass Pipe Insulation | ( LL )                         | Poor      | High                    | None                |
| 120    | Plant Area            | White / Yellow 4" Fiberglass Pipe Insulation | ( LL )                         | Poor      | High                    | None                |
| 121    | Plant Area Rear       | Grey / Brown 6" Aircell Pipe Insulation      | ( KK )                         | Poor      | High                    | 5 %                 |
| 122    | Plant Area Rear       | Grey 6" Aircell Pipe Insulation              | ( KK )                         | Poor      | High                    | 50 %                |
| 123    | Plant Area Rear       | Grey / Brown 6" Aircell Pipe Insulation      | ( KK )                         | Poor      | High                    | Trace               |
| 124    | Plant Area            | Grey 4" Aircell Pipe Insulation              | ( JJ )                         | Poor      | High                    | 55 %                |
| 125    | Plant Area Dryer Area | White 8" Mag. Pipe Insulation                | 240 Ln Ft<br>Visible<br>( MM ) | Poor      | High                    | 11 %                |

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| SAMPLE | LOCATION                                    | DESCRIPTION                          | APPROX QUANTITY         | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS 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                 | 60 %             |
| 131    | Plant Area                                  | Grey 4" Aircell Pipe Insulation      | (JJ )                   | Poor      | High                 | 60 %             |
| 132    | 2 <sup>nd</sup> Floor Top of Rear Stairwell | Beige Transite                       | 200 Sq Ft (NN )         | Poor      | High                 | 20 %             |
| 133    | 2 <sup>nd</sup> Floor Top of Rear Stairwell | Beige Transite                       | (NN )                   | Poor      | High                 | 20 %             |
| 134    | 2 <sup>nd</sup> 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 (OO )         | Poor      | High                 | None             |

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| SAMPLE | LOCATION        | DESCRIPTION                          | APPROX<br>QUANTITY  | CONDITION | POTENTIAL<br>FOR DAMAGE | ASBESTOS<br>CONTENT |
|--------|-----------------|--------------------------------------|---------------------|-----------|-------------------------|---------------------|
| 136    | Plant Area Kiln | Pink Kiln Duct Fiberglass Insulation | (OO)                | Poor      | High                    | None                |
| 137    | Plant Area Kiln | Pink Kiln Duct Fiberglass Insulation | (OO)                | Poor      | High                    | None                |
| 138    | Plant Area Rear | Beige / Brown Refractory Debris      | 2,800 Sq Ft<br>(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<br>(QQ) | Poor      | High                    | None                |
| 145    | Plant Area Kiln | Brown Refractory Debris              | (QQ)                | Poor      | High                    | None                |

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| SAMPLE | LOCATION                   | DESCRIPTION                 | APPROX<br>QUANTITY  | CONDITION | POTENTIAL<br>FOR DAMAGE | ASBESTOS<br>CONTENT |
|--------|----------------------------|-----------------------------|---------------------|-----------|-------------------------|---------------------|
| 146    | Plant Area Kiln            | Brown Refractory Debris     | (QQ)                | Poor      | High                    | None                |
| 147    | Plant Area Kiln            | Beige Fire Brick Debris     | (QQ)                | Poor      | High                    | None                |
| 148    | Plant Area Kiln            | Beige Fire Brick Debris     | (QQ)                | Poor      | High                    | None                |
| 149    | Plant Area Kiln            | Beige Fire Brick Debris     | (QQ)                | Poor      | High                    | None                |
| 150A   | Plant Area Ceiling By Kiln | Grey Transite Type Material | 1,000 Sq Ft<br>(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                |

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| SAMPLE | LOCATION                   | DESCRIPTION                 | APPROX QUANTITY  | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS 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                 | 70 %             |
| 154A   | Plant Area Kiln – 14" Duct | Cream Fiberglass Insulation | (SS)             | Poor      | High                 | None             |
| 154B   | Plant Area Kiln – 14" Duct | Grey Insulation             | (SS)             | Poor      | High                 | 70 %             |
| 155A   | Plant Area Kiln – 14" Duct | Cream Fiberglass Insulation | (SS)             | Poor      | High                 | None             |
| 155B   | Plant Area Kiln – 14" Duct | Grey Insulation             | (SS)             | Poor      | High                 | 70 %             |
| 156    | Plant Area Kiln – 14" Duct | Grey Aircell Duct Wrap      | 210 Ln Ft (TT)   | Poor      | High                 | 70 %             |
| 157    | Plant Area Kiln – 14" Duct | Grey Aircell Duct Wrap      | (TT)             | Poor      | High                 | 70 %             |
| 158    | Plant Area Kiln – 14" Duct | Grey Aircell Duct Wrap      | (TT)             | Poor      | High                 | 70 %             |
| 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 %             |

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## Building Inspection Results

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|--------|-----------------------|---------------------------|------------------------------------|-----------|-------------------------|---------------------|
| 161    | Plant Area Kiln Top   | Grey Corrugated Transite  | (UU)                               | Poor      | High                    | 10 %                |
| 162A   | Plant Area Kiln Front | Grey Transite Wall Panels | 260 Sq Ft<br>(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          | (VV)                               | 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<br>(WW)               | Poor      | High                    | None                |
| 166    | Plant Area Kiln       | Tan Fire Brick            | (WW)                               | Poor      | High                    | None                |
| 167    | Plant Area Kiln       | Tan Fire Brick            | (WW)                               | Poor      | High                    | None                |
| 168    | Plant Area Dryers     | Grey Caulking             | 21 Dryers @<br>25' / Dryer<br>(XX) | Poor      | High                    | None                |
| 169    | Plant Area Dryers     | Grey Caulking             | (XX)                               | Poor      | High                    | None                |
| 170    | Plant Area Dryers     | Grey Caulking             | (XX)                               | Poor      | High                    | None                |

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|--------|---|-----------------------------|--------------------------------------|-----------|----------------------|------------------|
| 171    | Plant Area Dryers                             | Black Dryer Entry Tarp      | 10 Tarps @<br>100 Sq Ft Each<br>(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 <sup>nd</sup> Floor<br>Over Kiln | Tan Ceiling Plaster         | 1,250 Sq Ft<br>(ZZ)                  | Poor      | High                 | None             |
| 175    | Plant Area 2 <sup>nd</sup> Floor<br>Over Kiln | Tan Ceiling Plaster         | (ZZ)                                 | Poor      | High                 | None             |
| 176    | Plant Area 2 <sup>nd</sup> Floor<br>Over Kiln | Tan Ceiling Plaster         | (ZZ)                                 | Poor      | High                 | None             |
| 177A   | Plant Area 2 <sup>nd</sup> Floor<br>Over Kiln | Grey Skim Coat Wall Plaster | 2,850 Sq Ft<br>(A2)                  | Poor      | High                 | None             |
| 177B   | Plant Area 2 <sup>nd</sup> Floor<br>Over Kiln | Tan Base Coat Wall Plaster  | (A2)                                 | Poor      | High                 | None             |
| 178A   | Plant Area 2 <sup>nd</sup> Floor<br>Over Kiln | Grey Skim Coat Wall Plaster | (A2)                                 | Poor      | High                 | None             |
| 178B   | Plant Area 2 <sup>nd</sup> Floor<br>Over Kiln | Tan Base Coat Wall Plaster  | (A2)                                 | Poor      | High                 | None             |

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|--------|--|--------------------------------|--------------------|-----------|----------------------|------------------|
| 179    | Plant Area 2 <sup>nd</sup> 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             |

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| SAMPLE | LOCATION                    | DESCRIPTION          | APPROX QUANTITY  | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|-----------------------------|----------------------|------------------|-----------|----------------------|------------------|
| 189    | Plant Area Campbell Kiln    | Tan Fire Brick       | 1,800 Sq Ft (E2) | Poor      | High                 | None             |
| 190    | Plant Area Campbell Kiln    | Tan Fire Brick       | (E2)             | Poor      | High                 | None             |
| 191    | Plant Area Campbell Kiln    | White Fire Brick     | (E2)             | Poor      | High                 | None             |
| 192    | Plant Area Rear Office Area | Brown Drywall        | 400 Sq Ft (F2)   | Poor      | High                 | None             |
| 193    | Plant Area Rear             | Brown Drywall        | (F2)             | Poor      | High                 | None             |
| 194    | Plant Area Rear             | Brown Drywall        | (F2)             | Poor      | High                 | None             |
| 195    | Plant Area Rear             | White Window Glazing | (II)             | Poor      | High                 | None             |
| 196    | Plant Area Rear             | White Window Glazing | (II)             | Poor      | High                 | None             |
| 197    | Plant Area Rear             | Grey Transite        | 200 Sq Ft (G2)   | Poor      | High                 | 15 %             |
| 198    | Plant Area Rear             | Grey Transite        | (G2)             | Poor      | High                 | 15 %             |

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## Building Inspection Results

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| SAMPLE | LOCATION                            | DESCRIPTION                           | APPROX QUANTITY                | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|-------------------------------------|---------------------------------------|--------------------------------|-----------|----------------------|------------------|
| 199    | Plant Area Rear                     | Grey Transite                         | ( G2 )                         | Poor      | High                 | 15 %             |
| 200A   | Plant Area Boiler Stack<br>16" Line | White Insulation                      | 40 Ln Ft<br>Visible<br>( H2 )  | Poor      | High                 | 25 %             |
| 200B   | Plant Area Boiler Stack<br>16" Line | White Aircell<br>(Over Insulation)    | ( H2 )                         | Poor      | High                 | 70 %             |
| 201A   | Plant Area Boiler Stack<br>16" Line | White Insulation                      | ( H2 )                         | Poor      | High                 | 25 %             |
| 201B   | Plant Area Boiler Stack<br>16" Line | White Aircell<br>(Over Insulation)    | ( H2 )                         | Poor      | High                 | 65 %             |
| 202A   | Plant Area Boiler Stack<br>16" Line | White Insulation                      | ( H2 )                         | Poor      | High                 | 25 %             |
| 202B   | Plant Area Boiler Stack<br>16" Line | White Aircell<br>(Over Insulation)    | ( H2 )                         | Poor      | High                 | 65 %             |
| 203    | Basement Rear<br>4" Line            | Brown / Black Aircell Pipe Insulation | 105 Ln Ft<br>Visible<br>( I2 ) | Poor      | High                 | None             |
| 204    | Basement Rear<br>4" Line            | Brown / Black Aircell Pipe Insulation | ( I2 )                         | Poor      | High                 | None             |

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|--------|------------------------------|--|-------------------------|-----------|----------------------|------------------|
| 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             |

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|--------|--------------------|--|------------------|-----------|----------------------|------------------|
| 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                           | ( O2 )           | Poor      | High                 | None             |
| 223    | Basement Boiler #1 | Grey Boiler End Gasket                           | ( O2 )           | Poor      | High                 | None             |

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| SAMPLE | LOCATION               | DESCRIPTION                             | APPROX QUANTITY                 | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS 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             |

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| SAMPLE | LOCATION                     | DESCRIPTION         | APPROX QUANTITY     | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|------------------------------|---------------------|---------------------|-----------|----------------------|------------------|
| 233    | South End High Roof          | Black Roofing       | 12,000 Sq Ft ( S2 ) | Poor      | High                 | None             |
| 234    | South End High Roof          | Black Roofing       | ( S2 )              | Poor      | High                 | None             |
| 235    | South End High Roof          | Black Roofing       | ( S2 )              | Poor      | High                 | None             |
| 236    | South End High Roof          | Black Roof Flashing | 450 Ln Ft ( T2 )    | Poor      | High                 | 5 %              |
| 237    | South End High Roof          | Black Roof Flashing | ( T2 )              | Poor      | High                 | 30 %             |
| 238    | South End High Roof          | Black Roof Flashing | ( T2 )              | Poor      | High                 | 30 %             |
| 239    | South End Lower Roof Section | Black Roofing       | 5,800 Sq Ft ( U2 )  | Poor      | High                 | None             |
| 240    | South End Lower Roof Section | Black Roofing       | ( U2 )              | Poor      | High                 | None             |
| 241    | South End Lower Roof Section | Black Roofing       | ( U2 )              | Poor      | High                 | None             |

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| SAMPLE | LOCATION   | DESCRIPTION   | APPROX QUANTITY        | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|--|---------------|------------------------|-----------|----------------------|------------------|
| 242    | Roof Over Walkway<br>2 <sup>nd</sup> Floor South End | Black Roofing | 10,000 Sq Ft<br>( V2 ) | Poor      | High                 | Trace            |
| 243    | Roof Over Walkway<br>2 <sup>nd</sup> Floor South End | Black Roofing | ( V2 )                 | Poor      | High                 | None             |
| 244    | Roof Over Walkway<br>2 <sup>nd</sup> Floor South End | Black Roofing | ( V2 )                 | Poor      | High                 | None             |
| 245    | Roof Between<br>Walkway & Dryers                     | Black Roofing | 7,150 Sq Ft<br>( W2 )  | Poor      | High                 | Trace            |
| 246    | Roof Between<br>Walkway & Dryers                     | Black Roofing | ( W2 )                 | Poor      | High                 | Trace            |
| 247    | Roof Between<br>Walkway & Dryers                     | Black Roofing | ( W2 )                 | Poor      | High                 | Trace            |
| 248    | Roof Over<br>Denver & Campbell<br>Kilns              | Black Roofing | 4,800 Sq Ft<br>( X2 )  | Poor      | High                 | Trace            |
| 249    | Roof Over<br>Denver & Campbell<br>Kilns              | Black Roofing | ( X2 )                 | Poor      | High                 | Trace            |
| 250    | Roof Over<br>Denver & Campbell<br>Kilns              | Black Roofing | ( X2 )                 | Poor      | High                 | Trace            |
| 251    | Small Galbestos Roof<br>East of Campbell Kiln        | Black Roofing | 1,200 Sq Ft<br>( Y2 )  | Poor      | High                 | 40 %             |

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|--------|---|-------------------------------|-----------------------|-----------|-------------------------|---------------------|
| 252    | Small Galbestos Roof<br>East of Campbell Kiln | Black Roofing                 | ( Y2 )                | Poor      | High                    | 40 %                |
| 253    | Small Galbestos Roof<br>East of Campbell Kiln | Black Roofing                 | ( Y2 )                | Poor      | High                    | 40 %                |
| 254    | Larger Section<br>Galbestos Roof              | Black Galbestos Roofing       | 4,350 Sq Ft<br>( Z2 ) | Poor      | High                    | 40 %                |
| 255    | Larger Section<br>Galbestos Roof              | Black Galbestos Roofing       | ( Z2 )                | Poor      | High                    | 40 %                |
| 256    | Larger Section<br>Galbestos Roof              | Black Galbestos Roofing       | ( Z2 )                | Poor      | High                    | 40 %                |
| 257    | Larger Section<br>Galbestos Roof              | Black Galbestos Roof Flashing | 360 Ln Ft<br>( A3 )   | Poor      | High                    | 5 %                 |
| 258    | Larger Section<br>Galbestos Roof              | Black Galbestos Roof Flashing | ( A3 )                | Poor      | High                    | 5 %                 |
| 259    | Larger Section<br>Galbestos Roof              | Black Galbestos Roof Flashing | ( A3 )                | Poor      | High                    | 5 %                 |
| 260    | South East Section<br>Galbestos Roof          | Black Galbestos Roofing       | 4,650 Sq Ft<br>( B3 ) | Poor      | High                    | 40 %                |
| 261    | South East Section<br>Galbestos Roof          | Black Galbestos Roofing       | ( B3 )                | Poor      | High                    | 25 %                |

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|--------|--------------------------------------|----------------------------------|------------------------|-----------|-------------------------|---------------------|
| 262    | South East Section<br>Galbestos Roof | Black Galbestos Roofing          | ( B3 )                 | Poor      | High                    | 25 %                |
| 263    | North End of Kiln                    | Grey Transite Wall & Roof Panels | 16,120 Sq Ft<br>( C3 ) | Poor      | High                    | 15 %                |
| 264    | North End of Kiln                    | Grey Transite Wall & Roof Panels | ( C3 )                 | Poor      | High                    | 15 %                |
| 265    | North End of Kiln                    | Grey Transite Wall & Roof Panels | ( C3 )                 | Poor      | High                    | 15 %                |
| 266    | Roof Over Dryers                     | Black Roofing                    | 45,600 Sq Ft<br>( D3 ) | Poor      | High                    | Trace               |
| 267    | Roof Over Dryers                     | Black Roofing                    | ( D3 )                 | Poor      | High                    | Trace               |
| 268    | Roof Over Dryers                     | Black Roofing                    | ( D3 )                 | Poor      | High                    | Trace               |
| 269    | Roof Over Dryers                     | Black Roof Flashing              | 980 Ln Ft<br>( E3 )    | Poor      | High                    | 2 %                 |
| 270    | Roof Over Dryers                     | Black Roof Flashing              | ( E3 )                 | Poor      | High                    | 2 %                 |

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|--------|-----------------------------------|---------------------|---------------------|-----------|----------------------|------------------|
| 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       | ( G3 )              | 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             |

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|--------|-------------|---------------------|------------------------|-----------|-------------------------|---------------------|
| 280    | Roof        | Black Roofing       | ( H3 )                 | Poor      | High                    | Trace               |
| 281    | Roof        | Black Roof Flashing | 870 Ln Ft<br>( I3 )    | Poor      | High                    | None                |
| 282    | Roof        | Black Roof Flashing | ( I3 )                 | Poor      | High                    | None                |
| 283    | Roof        | Black Roof Flashing | ( I3 )                 | Poor      | High                    | None                |
| 284    | Higher Roof | Black Roofing       | 5,800 Sq Ft<br>( J3 )  | Poor      | High                    | None                |
| 285    | Higher Roof | Black Roofing       | ( J3 )                 | Poor      | High                    | 3 %                 |
| 286    | Higher Roof | Black Roofing       | ( J3 )                 | Poor      | High                    | 3 %                 |
| 287    | Roof        | Black Roofing       | 29,650 Sq Ft<br>( K3 ) | Poor      | High                    | 3 %                 |
| 288    | Roof        | Black Roofing       | ( K3 )                 | Poor      | High                    | 4 %                 |

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|--------|----------|------------------------|------------------------|-----------|-------------------------|---------------------|
| 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<br>( 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                |

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|--------|------------------|---------------|--------------------|-----------|----------------------|------------------|
| 299    | Roof             | Black Roofing | ( L3 )             | Poor      | High                 | None             |
| 300    | Roof             | Black Roofing | ( L3 )             | Poor      | High                 | None             |
| 301    | Roof             | Black Roofing | ( L3 )             | Poor      | High                 | None             |
| 302    | Roof             | Black Roofing | ( L3 )             | Poor      | High                 | None             |
| 303    | Roof Under Metal | Black Roofing | 6,500 Sq Ft ( M3 ) | Poor      | High                 | None             |
| 304    | Roof Under Metal | Black Roofing | ( M3 )             | Poor      | High                 | None             |
| 305    | Roof Under Metal | Black Roofing | ( M3 )             | Poor      | High                 | None             |
| 306    | Roof Under Metal | Black Roofing | 6,500 Sq Ft ( N3 ) | Poor      | High                 | 5 %              |
| 307    | Roof Under Metal | Black Roofing | ( N3 )             | Poor      | High                 | 5 %              |
| 308    | Roof Under Metal | Black Roofing | ( N3 )             | Poor      | High                 | 5 %              |

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|--------|------------------|-----------------------------|------------------|-----------|----------------------|------------------|
| 309    | Roof Under Metal | Black Roofing               | 6,500 Sq Ft (O3) | Poor      | High                 | 10 %             |
| 310    | Roof Under Metal | Black Roofing               | (O3)             | Poor      | High                 | 10 %             |
| 311    | Roof Under Metal | Black Roofing               | (O3)             | 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 | (Q3)             | 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 %             |

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Mid Atlantic Environmental Consultants, Inc.  
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 Gibsonia, PA 15044  
 (724) 444-3460 Phone (724) 444-3463 Fax  
 Email: [midatlantic@zoominternet.net](mailto:midatlantic@zoominternet.net)

## Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Date: October 13, 2017  
 Project: Newell Porcelain Plant – Fifth & Harrison Streets Inspector: Edgar King  
 Newell, West Virginia EPA / West Virginia Lic. No: AI009156  
 Job Number: CEC-17-20

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

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## Building Inspection Results

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 Job Number: CEC-17-20

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

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## Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Date: October 13, 2017  
 Project: Newell Porcelain Plant – Fifth & Harrison Streets Inspector: Edgar King  
 Newell, West Virginia EPA / West Virginia Lic. No: AI009156  
 Job Number: CEC-17-20

| SAMPLE | LOCATION                             | DESCRIPTION                    | APPROX QUANTITY    | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|--------------------------------------|--------------------------------|--------------------|-----------|----------------------|------------------|
| 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                 | 65 %             |
| 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 %             |

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## Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Date: October 13, 2017  
 Project: Newell Porcelain Plant – Fifth & Harrison Streets Inspector: Edgar King  
 Newell, West Virginia EPA / West Virginia Lic. No: AI009156  
 Job Number: CEC-17-20

| SAMPLE | LOCATION                                    | DESCRIPTION                 | APPROX QUANTITY                  | CONDITION | POTENTIAL FOR DAMAGE | ASBESTOS CONTENT |
|--------|---|-----------------------------|----------------------------------|-----------|----------------------|------------------|
| 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                 | 60 %             |
| 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                 | 60 %             |
| 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 %             |

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## 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 CONTENT |
|--------|------------------------------------|------------------------------|--|-----------|----------------------|------------------|
| 365    | Larger Out Building Exterior Roof  | Grey / White Transite        | ( D4 )                                 | Poor      | High                 | 40 %             |
| 366    | Gas Out Building                   | Grey Interior Window Glazing | 4 Windows @<br>12 Ln Ft Each<br>( E4 ) | Poor      | High                 | 4 %              |
| 367    | Gas Out Building                   | Grey Interior Window Glazing | ( E4 )                                 | Poor      | High                 | 4 %              |
| 368    | Gas Out Building                   | Grey Interior Window Glazing | ( E4 )                                 | Poor      | High                 | 4 %              |
| 369    | Gas Out Building Exterior Gas Line | Beige / Black Wrap Tape      | 10 Ln Ft<br>( F4 )                     | Poor      | High                 | None             |
| 370    | Gas Out Building Exterior Gas Line | Beige / Black Wrap Tape      | ( F4 )                                 | Poor      | High                 | None             |
| 371    | Gas Out Building Exterior Gas Line | Beige / Black Wrap Tape      | ( F4 )                                 | Poor      | High                 | None             |
| 372A   | Gas Out Building Exterior Roof     | Black / Grey Shingle         | 250 Sq Ft<br>( G4 )                    | Poor      | High                 | None             |
| 372B   | Gas Out Building Exterior Roof     | Black / Green Shingle        | ( G4 )                                 | Poor      | High                 | None             |
| 373A   | Gas Out Building Exterior Roof     | Black / Grey Shingle         | ( G4 )                                 | Poor      | High                 | None             |
| 373B   | Gas Out Building Exterior Roof     | Black / Green Shingle        | ( G4 )                                 | Poor      | High                 | None             |

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## Building Inspection Results

Client: Civil & Environmental Consultants, Inc. Date: October 13, 2017  
 Project: Newell Porcelain Plant – Fifth & Harrison Streets Inspector: Edgar King  
 Newell, West Virginia EPA / West Virginia Lic. No: AI009156  
 Job Number: CEC-17-20

| SAMPLE | LOCATION                                    | DESCRIPTION                         | APPROX<br>QUANTITY                     | CONDITION | POTENTIAL<br>FOR DAMAGE | ASBESTOS<br>CONTENT |
|--------|---|-------------------------------------|--|-----------|-------------------------|---------------------|
| 374A   | Gas Out Building<br>Exterior Roof           | Black / Grey Shingle                | ( G4 )                                 | Poor      | High                    | None                |
| 374B   | Gas Out Building<br>Exterior Roof           | Black / Green Shingle               | ( G4 )                                 | Poor      | High                    | None                |
| 375    | Shack Next to Gas Building<br>Metal Windows | Pink / Grey Interior Window Glazing | 2 Windows @<br>96 Ln Ft Each<br>( H4 ) | Poor      | High                    | None                |
| 376    | Shack Next to Gas Building<br>Metal Windows | Pink / Grey Interior Window Glazing | ( H4 )                                 | Poor      | High                    | None                |
| 377    | Shack Next to Gas Building<br>Metal Windows | Pink / Grey Interior Window Glazing | ( H4 )                                 | Poor      | High                    | None                |
| 378    | Shack Next to Gas Building                  | Black / Brown Galbestos Roofing     | 144 Sq Ft<br>( I4 )                    | Poor      | High                    | 60 %                |
| 379    | Shack Next to Gas Building                  | Black / Brown Galbestos Roofing     | ( I4 )                                 | Poor      | High                    | 60 %                |
| 380    | Shack Next to Gas Building                  | Black / Brown Galbestos Roofing     | ( I4 )                                 | Poor      | High                    | 60 %                |

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## ASBESTOS INSPECTION QUESTIONNAIRE

DATE of inspection: Oct 6-13-2017 INSPECTOR: Edgar King

CLIENT: CEC

LOCATION: Former Newell Porcelain Plant

ADDRESS: 500 Harrison St Newell WV.

COUNTY: Hancock

### Please circle one—

Purpose of survey: Demolition Renovation Real estate transaction Other

If other, explain \_\_\_\_\_

This survey is Complete Limited  
If limited, explain There were 3 Basement Areas, 2 were Accessed the 3rd was full of collapsed debris.

The building is currently Occupied Unoccupied

The general condition of the building is Good Fair Poor

Number of buildings included in the survey 3

Number of floors in the building 2

Main exterior building component (i.e. yellow brick, concrete block, etc...) Block, Galbestos

### Please answer yes or no.

Was the basement included? yes 2 Areas Accessed 3rd Area Filled with debris. Was the attic included? NA

Was the roof included? yes Is a map included? yes

Were any areas inaccessible? yes If yes, explain Center Basement Area + some 2nd Fl Areas of Plant

Were you accompanied by anyone yes If yes, who Dennis Gillespie & Mike Pirro

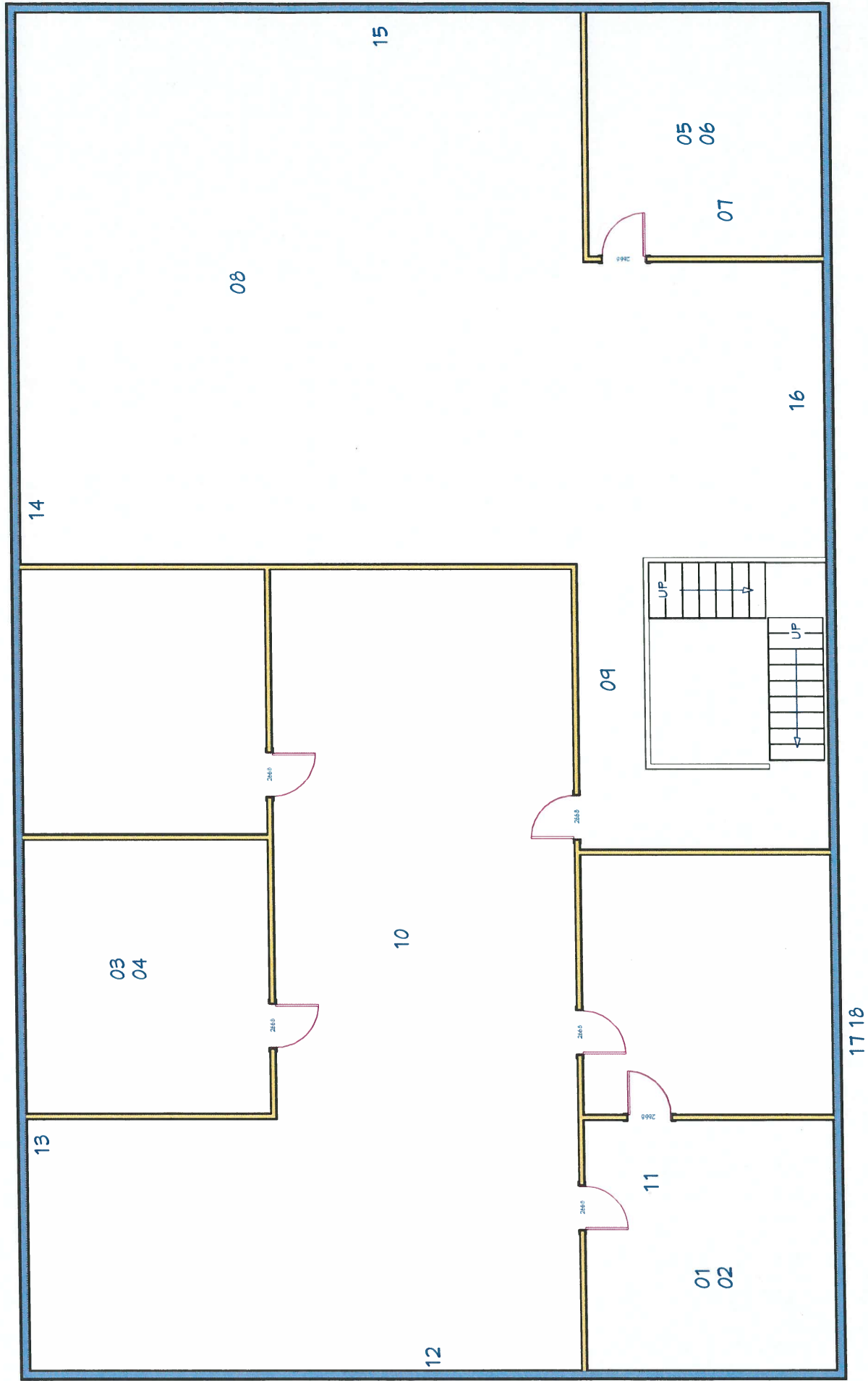
Were any commonly found materials, not present? (Floor tile, plaster, window caulking, etc...)? no If yes, list and explain \_\_\_\_\_

Any other important / relevant **observations**:



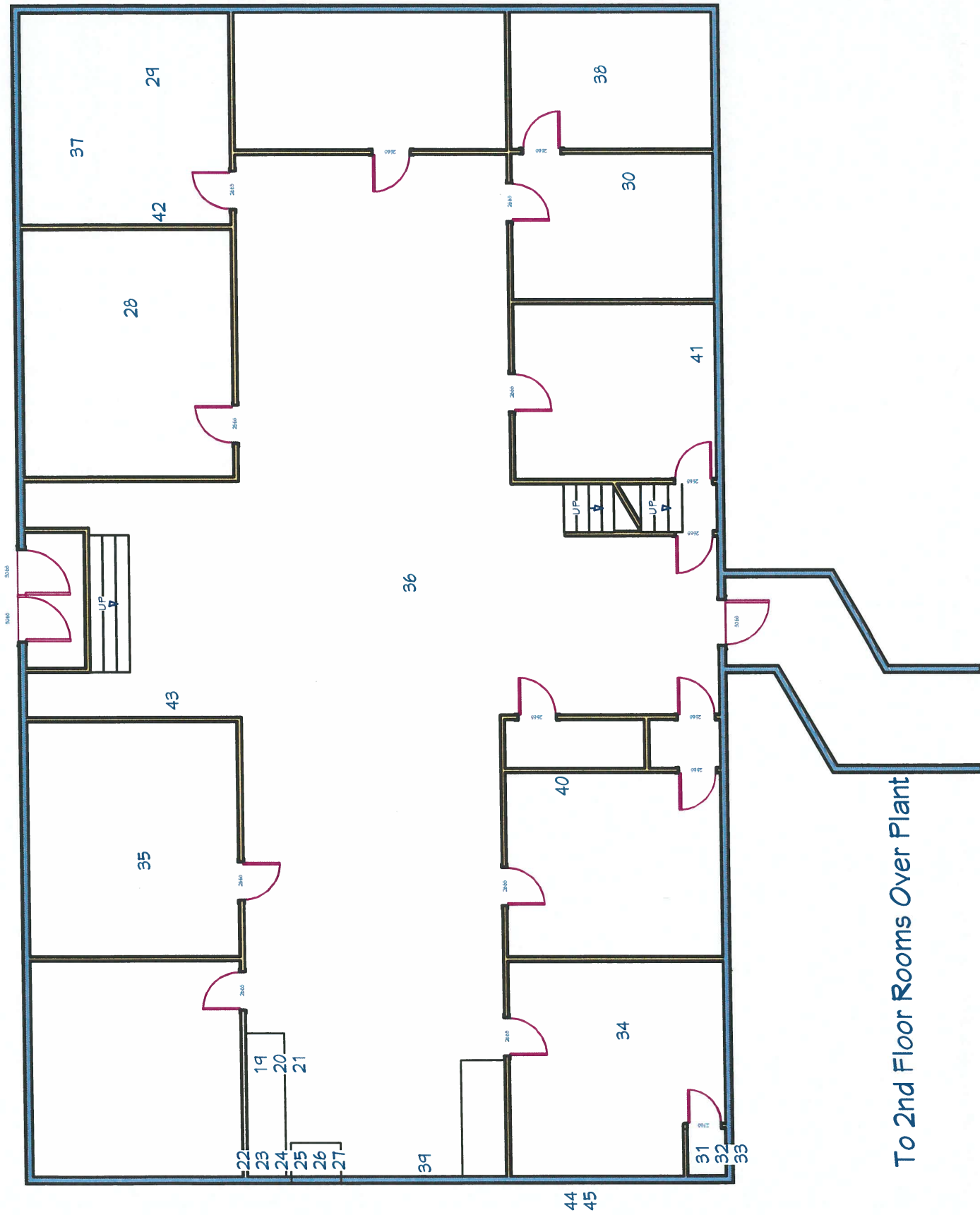
## Appendix B – Sample Location Diagrams

# Newell Porcelain Office 2nd Floor



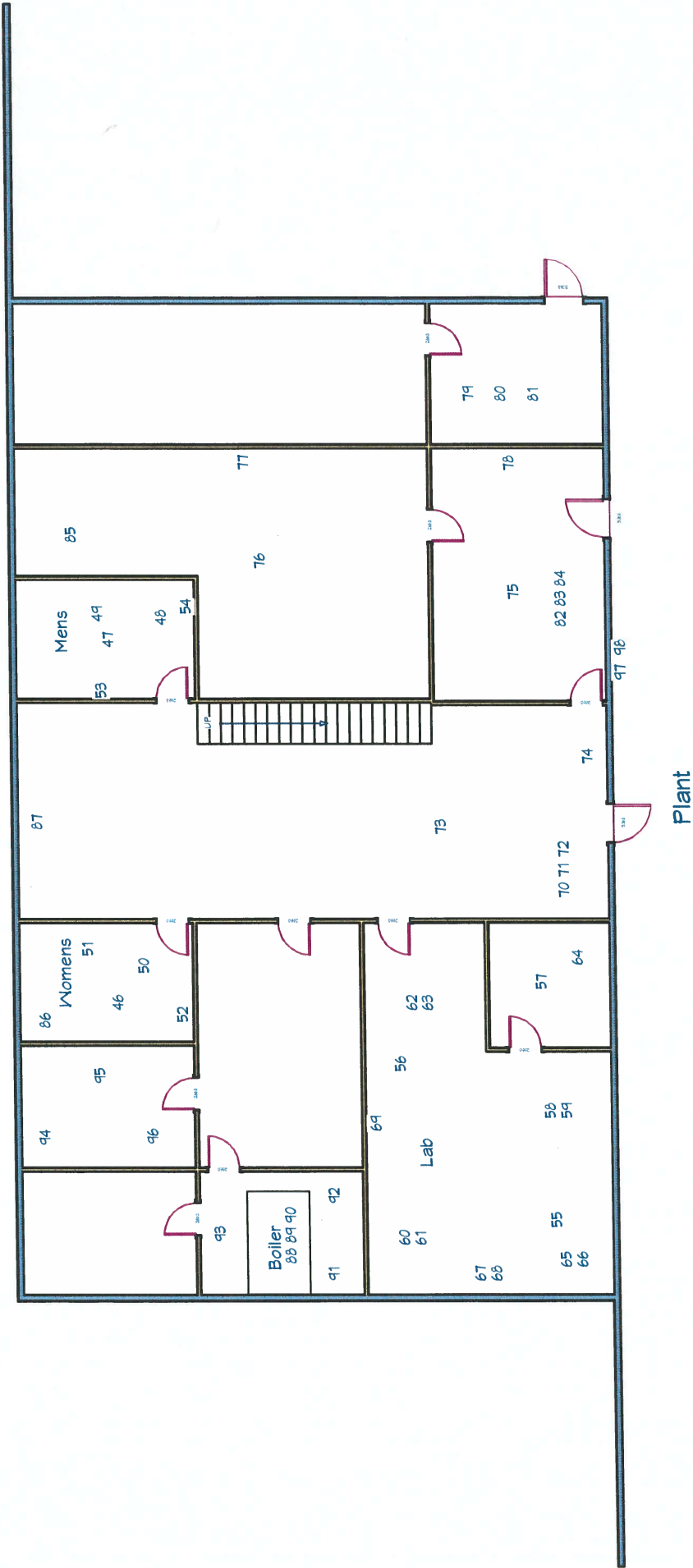


Newell Porcelain Office 1st Floor

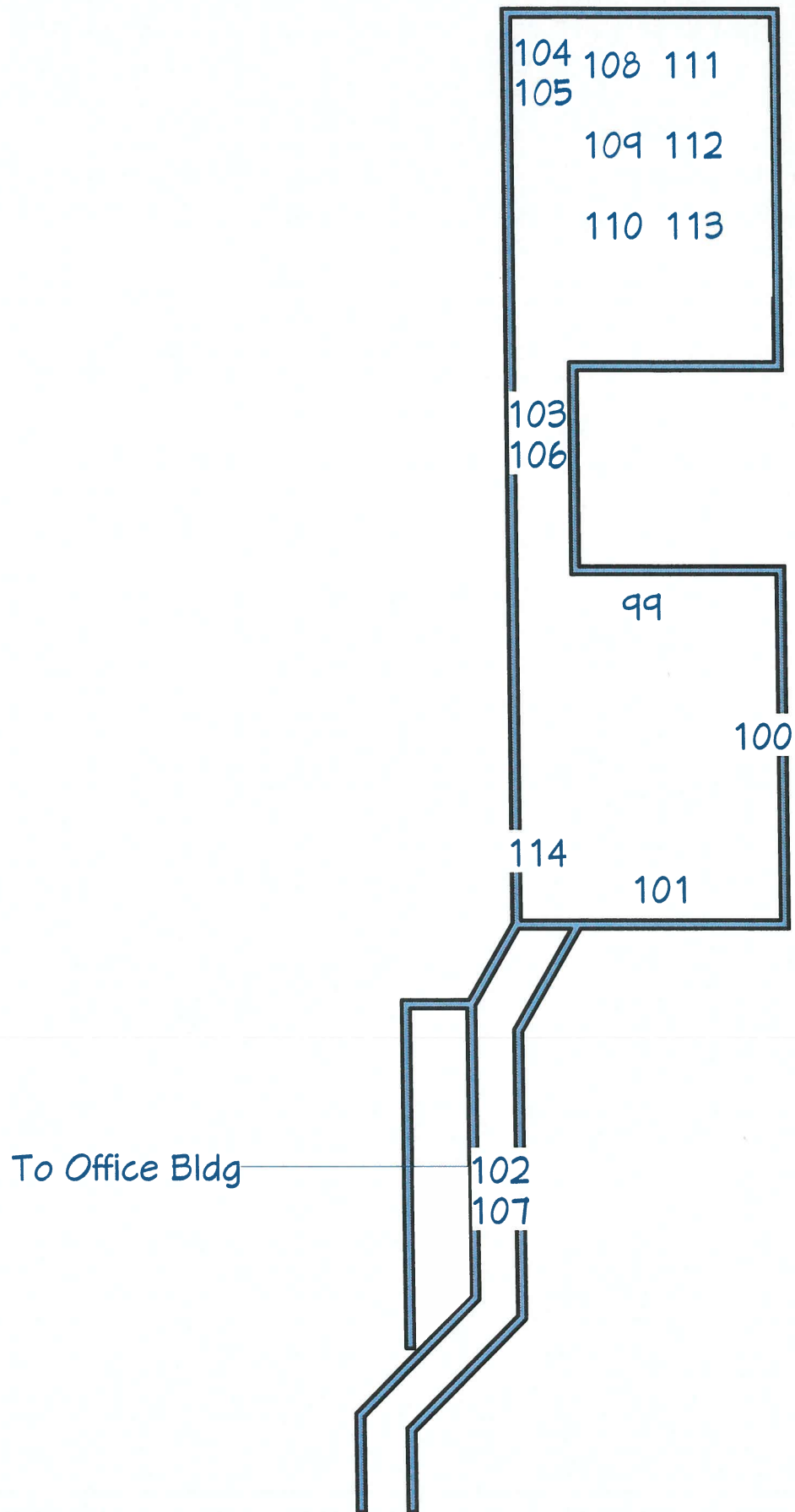




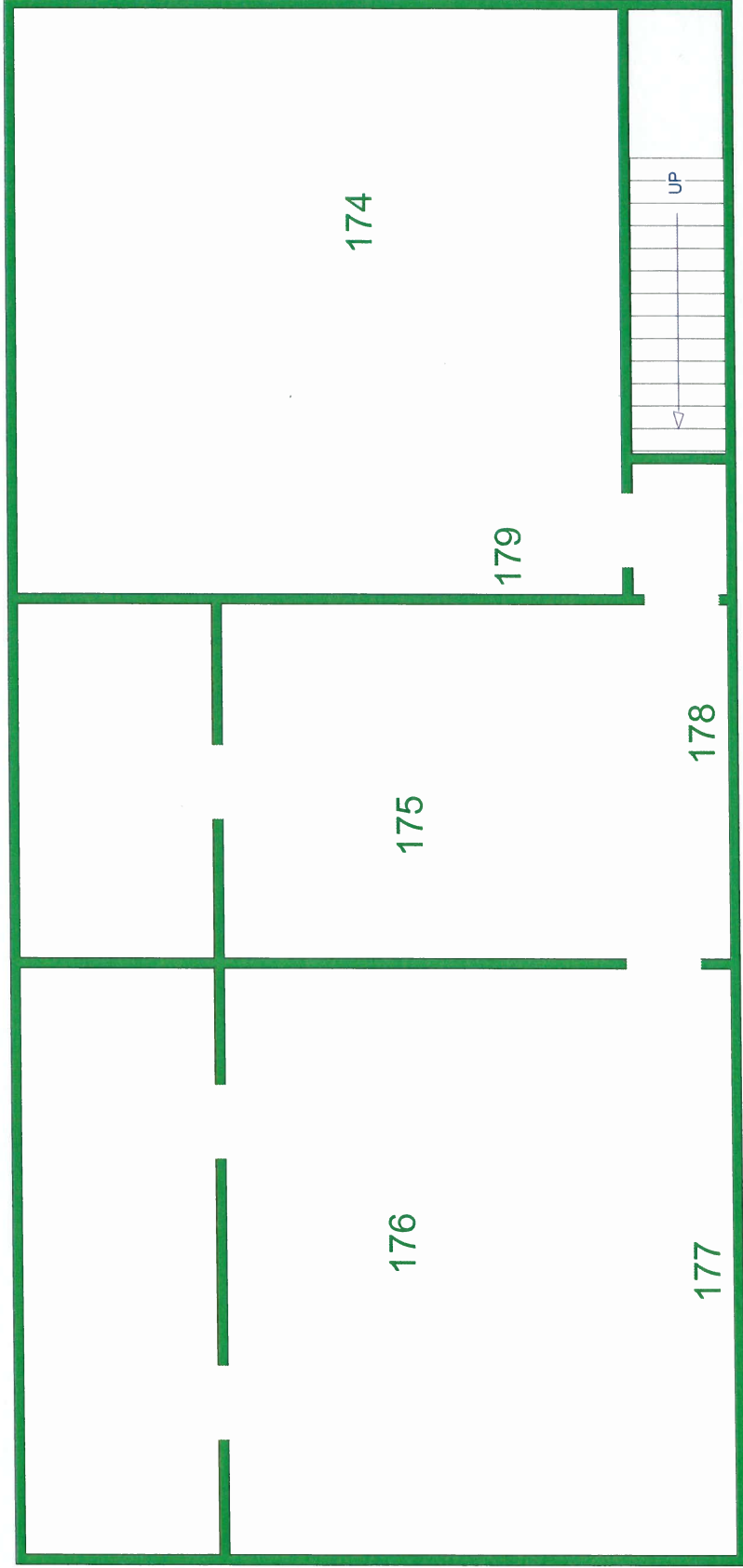
Newell Porcelain Office Basement



## 2nd Floor over North End



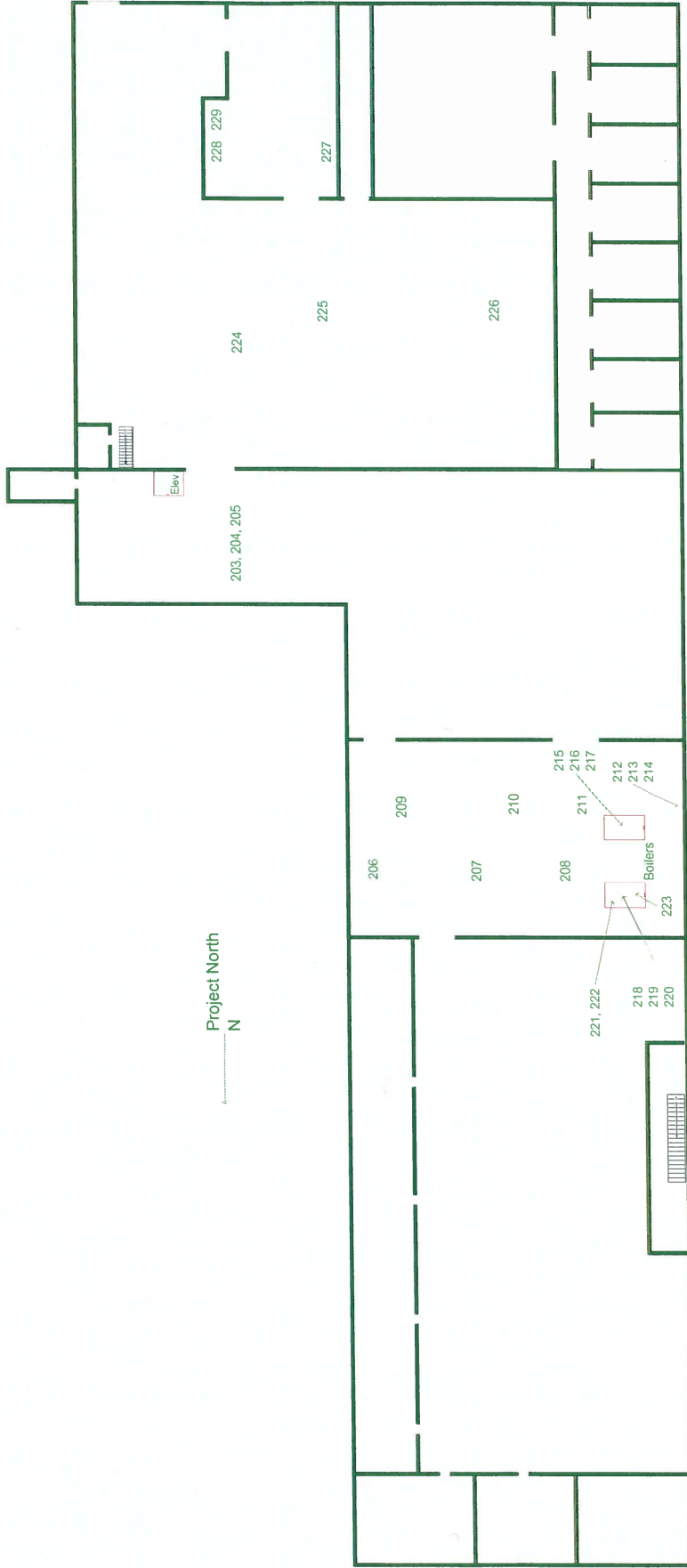




Project North



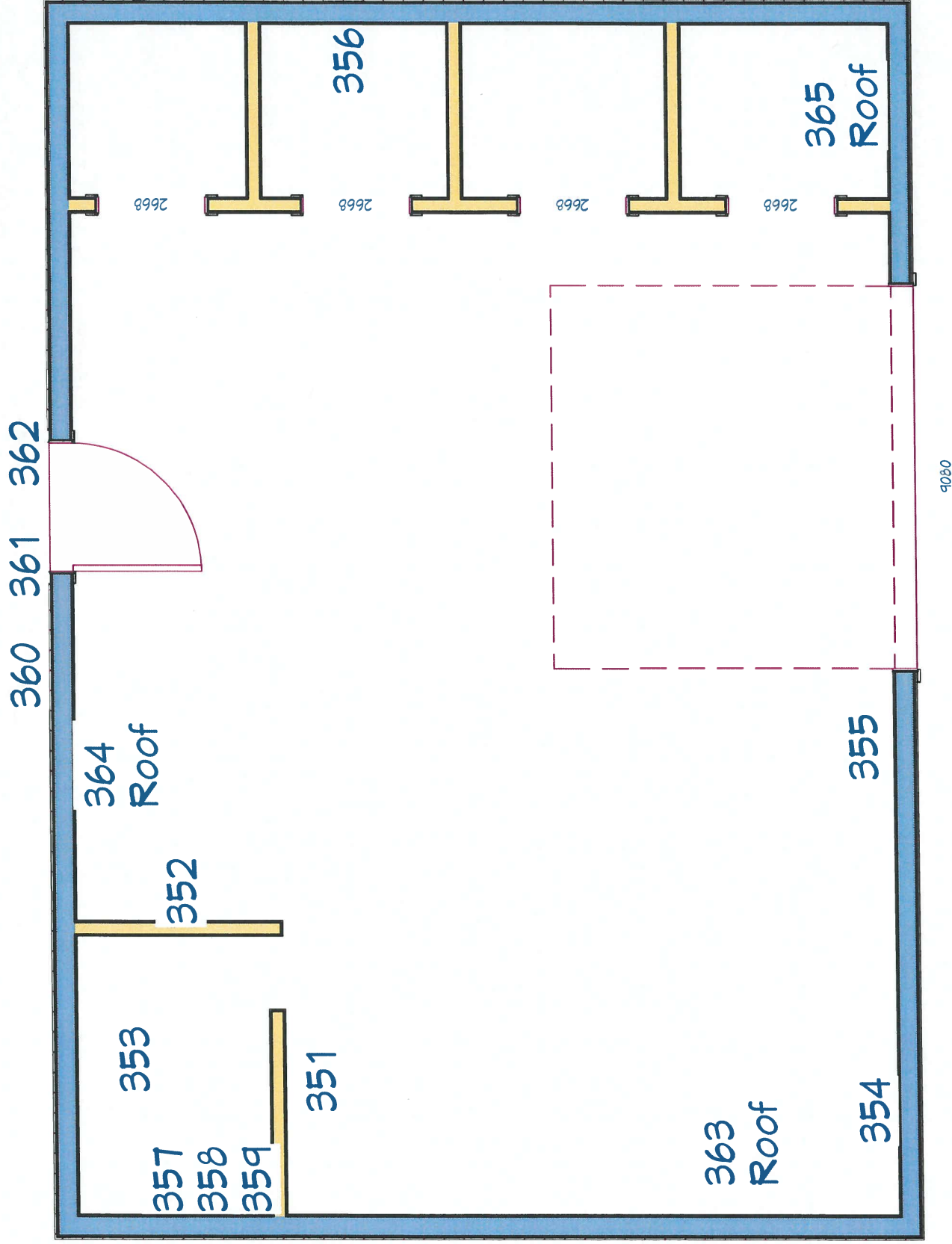
## Second Floor Over Kiln Newell Porcelain Plant



South Basement

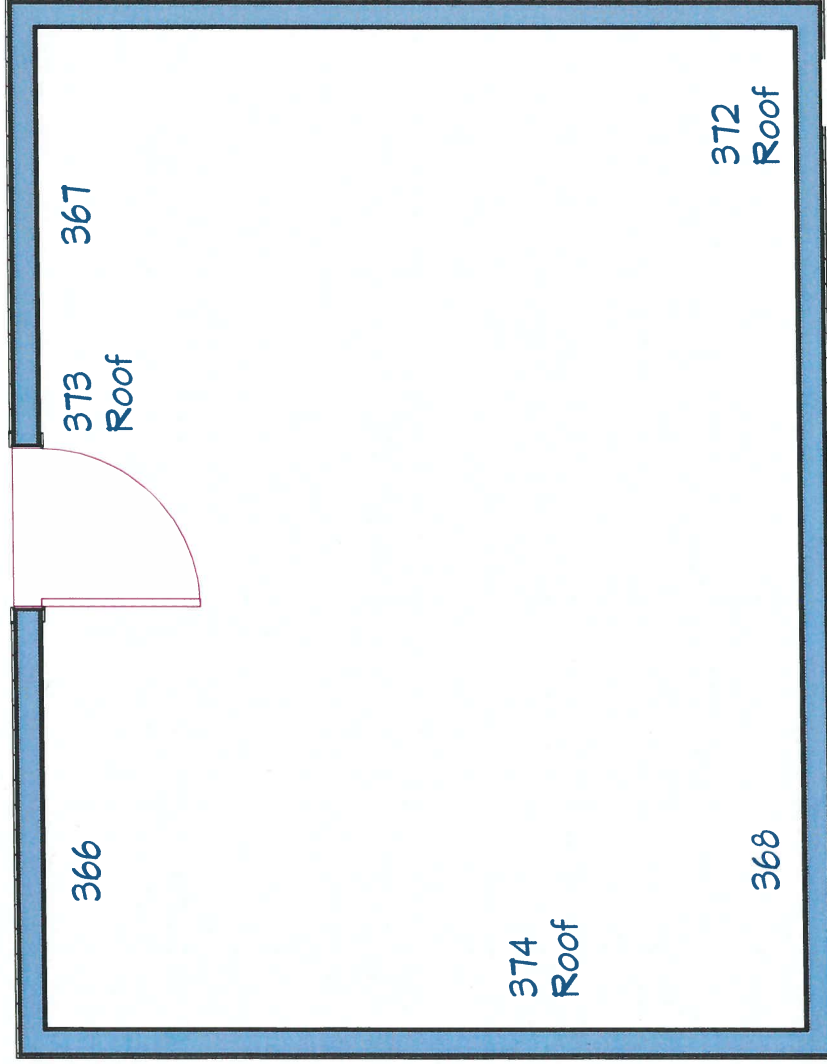
Newell Porcelain Plant





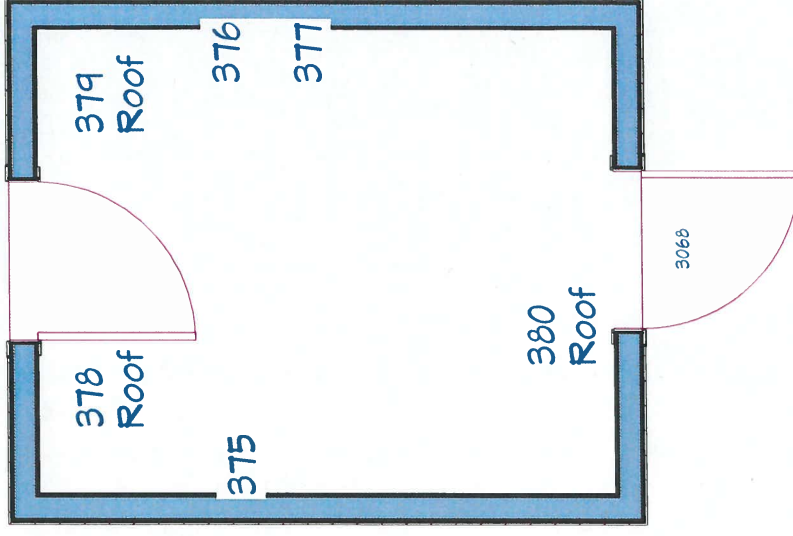
Newell Porcelain Plant  
Large Building North End

Gas Bldg



369  
370  
371

Small Bldg



## Newell Porcelain Plant Small North End Buildings

## Newell Porcelain Plant Roofs





## Appendix C – Laboratory Analysis Results



Please Reply To:

**AmeriSci Richmond**

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

**FACSIMILE TELECOPY TRANSMISSION**

|   |  |
|---|--|
| <b>To:</b> Tim Daniels<br>Mid Atlantic Environmental Consultants, Inc | <b>From:</b> J. Samuel Baird                                     |
| <b>Fax #:</b>   | <b>AmeriSci Job #:</b> 117101460                                 |
|   | <b>Subject:</b> PLM 5 day Results                                |
| <b>Email:</b> MIDATLANTIC@ZOOMINTERNET.NET                            | <b>Client Project:</b> CEC-17-20; CEC; Newell<br>Porcelain Plant |

**Date:** Wednesday, October 18, 2017  
**Time:** 15:28:01  
**Comments:**

**Number of Pages:** 47  
(including cover sheet)



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## 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. #**  
5320 North Pioneer Road **Page** 1 **of** 35  
Gibsonia, PA 15044 **RE: CEC-17-20; CEC; Newell Porcelain Plant**

| Client No. / HGA   | Lab No.      | Asbestos Present | Total % Asbestos                                      |
|--|--------------|------------------|---|
| 01<br>Location: Office Bldg 2nd Fl Offices<br><br>Analyst Description: White/Gray, Heterogeneous, Fibrous, Ceiling Tile<br>Asbestos Types:<br>Other Material: Cellulose 45 %, Fibrous glass 25 %, Non-fibrous 15 %, Perlite 15 %     | 117101460-01 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| 02<br>Location: Office Bldg 2nd Fl Offices<br><br>Analyst Description: Brown, Heterogeneous, Non-Fibrous, Mastic<br>Asbestos Types:<br>Other Material: Non-fibrous 100 %   | 117101460-02 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| 03<br>Location: Office Bldg 2nd Fl Offices<br><br>Analyst Description: White/Gray, Heterogeneous, Non-Fibrous, Ceiling Tile<br>Asbestos Types:<br>Other Material: Cellulose 45 %, Fibrous glass 25 %, Non-fibrous 15 %, Perlite 15 % | 117101460-03 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| 04<br>Location: Office Bldg 2nd Fl Offices<br><br>Analyst Description: Brown, Heterogeneous, Non-Fibrous, Mastic<br>Asbestos Types:<br>Other Material: Non-fibrous 100 %   | 117101460-04 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| 05<br>Location: Office Bldg 2nd Fl Offices<br><br>Analyst Description: White/Gray, Heterogeneous, Non-Fibrous, Ceiling Tile<br>Asbestos Types:<br>Other Material: Cellulose 45 %, Fibrous glass 25 %, Non-fibrous 15 %, Perlite 15 % | 117101460-05 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |

See Reporting notes on last page

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA   | Lab No.        | Asbestos Present | Total % Asbestos                               |
|--|----------------|------------------|--|
| 06   | 117101460-06   | No               | NAD  |
| Location: Office Bldg 2nd Fl Offices   |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Mastic                           |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 07   | 117101460-07.1 | No               | NAD  |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 07   | 117101460-07.2 | No               | NAD  |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 08   | 117101460-08.1 | No               | NAD  |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 08   | 117101460-08.2 | No               | NAD  |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 09   | 117101460-09.1 | No               | NAD  |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |

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                               |
|--|----------------|------------------|--|
| 09   | 117101460-09.2 | No               | NAD  |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 10   | 117101460-10   | No               | NAD  |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material                      |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %  |                |                  |  |
| 11   | 117101460-11.1 | No               | NAD  |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 11   | 117101460-11.2 | Yes              | Trace (<1 %)                                   |
| Location: Office Bldg 2nd Fl Thru-Out  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)                |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %  |                |                  |  |
| 12   | 117101460-12.1 | No               | NAD  |
| Location: Office Bldg 2nd Fl Perimeter Walls   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 12   | 117101460-12.2 | Yes              | Trace (<1 %)                                   |
| Location: Office Bldg 2nd Fl Perimeter Walls   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)                |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 1 %, Non-fibrous 99 %  |                |                  |  |

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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   |
|---|--|------------------|--|
| 13  | 117101460-13.1<br>Location: Office Bldg 2nd FI Perimeter Walls | No               | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/18/17          |
| <b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)<br><b>Asbestos Types:</b><br><b>Other Material:</b> Non-fibrous 100 %                                |  |                  |  |
| 13  | 117101460-13.2<br>Location: Office Bldg 2nd FI Perimeter Walls | No               | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/18/17          |
| <b>Analyst Description:</b> Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster)<br><b>Asbestos Types:</b><br><b>Other Material:</b> Animal hair 1 %, Non-fibrous 99 %                 |  |                  |  |
| 14  | 117101460-14.1<br>Location: Office Bldg 2nd FI Perimeter Walls | No               | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/18/17          |
| <b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)<br><b>Asbestos Types:</b><br><b>Other Material:</b> Non-fibrous 100 %                                |  |                  |  |
| 14  | 117101460-14.2<br>Location: Office Bldg 2nd FI Perimeter Walls | Yes              | Trace (<1 %)<br>(by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| <b>Analyst Description:</b> Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)<br><b>Asbestos Types:</b> Chrysotile <1. %<br><b>Other Material:</b> Animal hair 1 %, Non-fibrous 99 % |  |                  |  |
| 15  | 117101460-15.1<br>Location: Office Bldg 2nd FI Perimeter Walls | No               | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/18/17          |
| <b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)<br><b>Asbestos Types:</b><br><b>Other Material:</b> Non-fibrous 100 %                                |  |                  |  |
| 15  | 117101460-15.2<br>Location: Office Bldg 2nd FI Perimeter Walls | Yes              | Trace (<1 %)<br>(by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| <b>Analyst Description:</b> Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)<br><b>Asbestos Types:</b> Chrysotile <1. %<br><b>Other Material:</b> Animal hair 1 %, Non-fibrous 99 % |  |                  |  |

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA  | Lab No.        | Asbestos Present | Total % Asbestos                               |
|---|----------------|------------------|--|
| 16  | 117101460-16.1 | No               | NAD  |
| Location: Office Bldg 2nd Fl Perimeter Walls                                |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Non-fibrous 100 %   |                |                  |  |
| 16  | 117101460-16.2 | Yes              | Trace (<1 %)                                   |
| Location: Office Bldg 2nd Fl Perimeter Walls                                |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)   |                |                  |  |
| Asbestos Types: Chrysotile <1. %  |                |                  |  |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                           |                |                  |  |
| 17  | 117101460-17   | No               | NAD  |
| Location: Office Bldg Exterior Windows                                      |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material       |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Non-fibrous 100 %   |                |                  |  |
| 18  | 117101460-18   | Yes              | 4 %  |
| Location: Office Bldg Exterior Windows                                      |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material         |                |                  |  |
| Asbestos Types: Chrysotile 4.0 %  |                |                  |  |
| Other Material: Non-fibrous 96 %  |                |                  |  |
| 19  | 117101460-19   | Yes              | 20 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground     |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17   |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material         |                |                  |  |
| Asbestos Types: Chrysotile 20.0 %   |                |                  |  |
| Other Material: Non-fibrous 80 %  |                |                  |  |
| 20  | 117101460-20   | Yes              | 30 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground     |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material        |                |                  |  |
| Asbestos Types: Chrysotile 15.0 %, Amosite 15.0 %                           |                |                  |  |
| Other Material: Non-fibrous 70 %  |                |                  |  |



Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

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| Client No. / HGA   | Lab No.      | Asbestos Present | Total % Asbestos                               |
|--|--------------|------------------|--|
| 21   | 117101460-21 | Yes              | 30 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground    |              |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types: Chrysotile 15.0 %, Amosite 15.0 %                          |              |                  |  |
| Other Material: Non-fibrous 70 %   |              |                  |  |
| 22   | 117101460-22 | Yes              | 45 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground    |              |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Black/Gray, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types: Chrysotile 45.0 %  |              |                  |  |
| Other Material: Cellulose 55 %   |              |                  |  |
| 23   | 117101460-23 | Yes              | 45 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground    |              |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Black/Gray, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types: Chrysotile 45.0 %  |              |                  |  |
| Other Material: Cellulose 55 %   |              |                  |  |
| 24   | 117101460-24 | Yes              | 45 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground    |              |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Black/Gray, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 45.0 %  |              |                  |  |
| Other Material: Cellulose 55 %   |              |                  |  |
| 25   | 117101460-25 | Yes              | 25 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground    |              |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types: Chrysotile 15.0 %, Amosite 10.0 %                          |              |                  |  |
| Other Material: Non-fibrous 75 %   |              |                  |  |
| 26   | 117101460-26 | Yes              | 25 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground    |              |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types: Chrysotile 25.0 %  |              |                  |  |
| Other Material: Non-fibrous 75 %   |              |                  |  |

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**PLM Bulk Asbestos Report**

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| Client No. / HGA  | Lab No.        | Asbestos Present | Total % Asbestos                               |
|---|----------------|------------------|--|
| 27  | 117101460-27   | Yes              | 35 %   |
| Location: Office Bldg 1st Fl Under Bench Behind Radiator Also On Ground |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material    |                |                  |  |
| Asbestos Types: Chrysotile 20.0 %, Amosite 15.0 %                       |                |                  |  |
| Other Material: Non-fibrous 65 %  |                |                  |  |
| 28  | 117101460-28L1 | No               | NAD  |
| Location: Office Bldg 1st Fl Offices To Left Of Entrance Under Carpet   |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Tan/Brown, Heterogeneous, Non-Fibrous, Floor Tile  |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 60 %, Non-fibrous 40 %                        |                |                  |  |
| 28  | 117101460-28L2 | No               | NAD  |
| Location: Office Bldg 1st Fl Offices To Left Of Entrance Under Carpet   |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic/Felt     |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                         |                |                  |  |
| 29  | 117101460-29L1 | No               | NAD  |
| Location: Office Bldg 1st Fl Offices To Left Of Entrance Under Carpet   |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Tan/Brown, Heterogeneous, Non-Fibrous, Floor Tile  |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 40 %, Non-fibrous 60 %                        |                |                  |  |
| 29  | 117101460-29L2 | No               | NAD  |
| Location: Office Bldg 1st Fl Offices To Left Of Entrance Under Carpet   |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic/Felt     |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                         |                |                  |  |
| 30  | 117101460-30L1 | No               | NAD  |
| Location: Office Bldg 1st Fl Offices To Left Of Entrance Under Carpet   |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Tan/Brown, Heterogeneous, Non-Fibrous, Floor Tile  |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 40 %, Non-fibrous 60 %                        |                |                  |  |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

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| Client No. / HGA  | Lab No.        | Asbestos Present | Total % Asbestos                               |
|---|----------------|------------------|--|
| 30  | 117101460-30L2 | No               | NAD  |
| Location: Office Bldg 1st Fl Offices To Left Of Entrance Under Carpet       |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic/Felt         |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                             |                |                  |  |
| 31  | 117101460-31   | Yes              | 45 %   |
| Location: Office Bldg 1st Fl Right Rear Office (In Closet)                  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material        |                |                  |  |
| Asbestos Types: Chrysotile 45.0 %   |                |                  |  |
| Other Material: Cellulose 55 %  |                |                  |  |
| 32  | 117101460-32   | Yes              | 45 %   |
| Location: Office Bldg 1st Fl Right Rear Office (In Closet)                  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material        |                |                  |  |
| Asbestos Types: Chrysotile 45.0 %   |                |                  |  |
| Other Material: Cellulose 55 %  |                |                  |  |
| 33  | 117101460-33   | Yes              | 45 %   |
| Location: Office Bldg 1st Fl Right Rear Office (In Closet)                  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material        |                |                  |  |
| Asbestos Types: Chrysotile 45.0 %   |                |                  |  |
| Other Material: Cellulose 55 %  |                |                  |  |
| 34  | 117101460-34.1 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out                                       |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Wall Covering       |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 90 %, Non-fibrous 10 %                            |                |                  |  |
| 34  | 117101460-34.2 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out                                       |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Non-fibrous 100 %   |                |                  |  |

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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                               |
|--|----------------|------------------|--|
| 34   | 117101460-34.3 | Yes              | Trace (<1 %)                                   |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 35   | 117101460-35.1 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Wall Covering                    |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Cellulose 90 %, Non-fibrous 10 %   |                |                  |  |
| 35   | 117101460-35.2 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 35   | 117101460-35.3 | Yes              | Trace (<1 %)                                   |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 36   | 117101460-36.1 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Wall Covering                    |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Cellulose 90 %, Non-fibrous 10 %   |                |                  |  |
| 36   | 117101460-36.2 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |

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**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA   | Lab No.        | Asbestos Present | Total % Asbestos                               |
|--|----------------|------------------|--|
| 36   | 117101460-36.3 | Yes              | Trace (<1 %)                                   |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 37   | 117101460-37.1 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Wall Covering                    |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Cellulose 90 %, Non-fibrous 10 %   |                |                  |  |
| 37   | 117101460-37.2 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 37   | 117101460-37.3 | Yes              | Trace (<1 %)                                   |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 38   | 117101460-38.1 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Wall Covering                    |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Cellulose 90 %, Non-fibrous 10 %   |                |                  |  |
| 38   | 117101460-38.2 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |



**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA   | Lab No.        | Asbestos Present | Total % Asbestos   |
|--|----------------|------------------|--|
| 38   | 117101460-38.3 | Yes              | Trace (<1 %)<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  |  |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 39   | 117101460-39.1 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17          |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  |  |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 39   | 117101460-39.2 | Yes              | Trace (<1 %)<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  |  |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster)               |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 40   | 117101460-40.1 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17          |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  |  |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 40   | 117101460-40.2 | Yes              | Trace (<1 %)<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  |  |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types: Chrysotile <1. %   |                |                  |  |
| Other Material: Animal hair 4 %, Non-fibrous 96 %  |                |                  |  |
| 41   | 117101460-41.1 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/18/17          |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  |  |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |

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| Client No. / HGA   | Lab No.        | Asbestos Present | Total % Asbestos                               |
|--|----------------|------------------|--|
| 41   | 117101460-41.2 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Animal hair 3 %, Non-fibrous 97 %  |                |                  |  |
| 42   | 117101460-42.1 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 42   | 117101460-42.2 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Animal hair 3 %, Non-fibrous 97 %  |                |                  |  |
| 43   | 117101460-43.1 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)              |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |
| 43   | 117101460-43.2 | No               | NAD  |
| Location: Office Bldg 1st Fl Thru-Out  |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Base Coat (Plaster) |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Animal hair 6 %, Non-fibrous 94 %  |                |                  |  |
| 44   | 117101460-44   | No               | NAD  |
| Location: Office Bldg Exterior Windows   |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Window Glazing                     |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %  |                |                  |  |

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                               |
|--|----------------|------------------|--|
| 45   | 117101460-45   | Yes              | 6 %  |
| Location: Office Bldg Exterior Windows                                       |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Black/Gray, Heterogeneous, Non-Fibrous, Bulk Material   |                |                  |  |
| Asbestos Types: Chrysotile 6.0 %   |                |                  |  |
| Other Material: Non-fibrous 94 %   |                |                  |  |
| 46   | 117101460-46   | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's            |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White/Yellow, Heterogeneous, Non-Fibrous, Bulk Material |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                          |                |                  |  |
| 47   | 117101460-47   | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's            |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White/Yellow, Heterogeneous, Non-Fibrous, Bulk Material |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                          |                |                  |  |
| 48   | 117101460-48   | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's            |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White/Yellow, Heterogeneous, Non-Fibrous, Bulk Material |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                          |                |                  |  |
| 49   | 117101460-49L1 | Yes              | 5 %  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's            |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Floor Tile           |                |                  |  |
| Asbestos Types: Chrysotile 5.0 %   |                |                  |  |
| Other Material: Non-fibrous 95 %   |                |                  |  |
| 49   | 117101460-49L2 | Yes              | 5 %  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's            |                |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic               |                |                  |  |
| Asbestos Types: Chrysotile 5.0 %   |                |                  |  |
| Other Material: Non-fibrous 95 %   |                |                  |  |

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                      |
|--|----------------|-------------------------|--|
| 50   | 117101460-50L1 | Yes                     | 2 %  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Floor Tile |                |                         |  |
| Asbestos Types: Chrysotile 2.0 %                                   |                |                         |  |
| Other Material: Non-fibrous 98 %                                   |                |                         |  |
| 50   | 117101460-50L2 | Yes                     | 8 %  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic     |                |                         |  |
| Asbestos Types: Chrysotile 8.0 %                                   |                |                         |  |
| Other Material: Non-fibrous 92 %                                   |                |                         |  |
| 51   | 117101460-51L1 | Yes                     | 4 %  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Floor Tile |                |                         |  |
| Asbestos Types: Chrysotile 4.0 %                                   |                |                         |  |
| Other Material: Non-fibrous 96 %                                   |                |                         |  |
| 51   | 117101460-51L2 | Yes                     | 8 %  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic     |                |                         |  |
| Asbestos Types: Chrysotile 8.0 %                                   |                |                         |  |
| Other Material: Non-fibrous 92 %                                   |                |                         |  |
| 52   | 117101460-52L1 | No                      | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Cove Base  |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Non-fibrous 100 %                                  |                |                         |  |
| 52   | 117101460-52L2 | No                      | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Mastic     |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Wollastonite 2 %, Non-fibrous 98 %                 |                |                         |  |

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                             |
|--|----------------|------------------|--|
| 53   | 117101460-53L1 | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Cove Base  |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %                                  |                |                  |  |
| 53   | 117101460-53L2 | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Mastic     |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Wollastonite 2 %, Non-fibrous 98 %                 |                |                  |  |
| 54   | 117101460-54L1 | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Cove Base  |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Non-fibrous 100 %                                  |                |                  |  |
| 54   | 117101460-54L2 | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Men's & Women's RR's  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Mastic     |                |                  |  |
| Asbestos Types:  |                |                  |  |
| Other Material: Wollastonite 1 %, Non-fibrous 99 %                 |                |                  |  |
| 55   | 117101460-55L1 | Yes              | 4 %  |
| Location: Office Bldg Basement / Plant Level Lab                   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Floor Tile |                |                  |  |
| Asbestos Types: Chrysotile 4.0 %                                   |                |                  |  |
| Other Material: Non-fibrous 96 %                                   |                |                  |  |
| 55   | 117101460-55L2 | Yes              | 6 %  |
| Location: Office Bldg Basement / Plant Level Lab                   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic     |                |                  |  |
| Asbestos Types: Chrysotile 6.0 %                                   |                |                  |  |
| Other Material: Non-fibrous 94 %                                   |                |                  |  |

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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                             |
|---|----------------|------------------|--|
| 56  | 117101460-56L1 | Yes              | 4 %  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Floor Tile    |                |                  |  |
| Asbestos Types: Chrysotile 4.0 %                                      |                |                  |  |
| Other Material: Non-fibrous 96 %                                      |                |                  |  |
| 56  | 117101460-56L2 | Yes              | 4 %  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic        |                |                  |  |
| Asbestos Types: Chrysotile 4.0 %                                      |                |                  |  |
| Other Material: Non-fibrous 96 %                                      |                |                  |  |
| 57  | 117101460-57L1 | Yes              | 5 %  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Floor Tile    |                |                  |  |
| Asbestos Types: Chrysotile 5.0 %                                      |                |                  |  |
| Other Material: Non-fibrous 95 %                                      |                |                  |  |
| 57  | 117101460-57L2 | Yes              | 4 %  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Mastic        |                |                  |  |
| Asbestos Types: Chrysotile 4.0 %                                      |                |                  |  |
| Other Material: Non-fibrous 96 %                                      |                |                  |  |
| 58  | 117101460-58   | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material     |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                       |                |                  |  |
| 59  | 117101460-59   | No               | NAD  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Non-fibrous 100 %                                     |                |                  |  |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                      |
|---|----------------|-------------------------|--|
| 60  | 117101460-60   | No                      | NAD  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material     |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                       |                |                         |  |
| 61  | 117101460-61   | No                      | NAD  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Non-fibrous 100 %                                     |                |                         |  |
| 62  | 117101460-62   | No                      | NAD  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material     |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                       |                |                         |  |
| 63  | 117101460-63   | No                      | NAD  |
| Location: Office Bldg Basement / Plant Level Lab                      |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Non-fibrous 100 %                                     |                |                         |  |
| 64  | 117101460-64   | Yes                     | Trace (<1 %)                                 |
| Location: Office Bldg Basement / Plant Level Thru-Out                 |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |                |                         |  |
| Asbestos Types: Chrysotile <1. %                                      |                |                         |  |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |                |                         |  |
| 65  | 117101460-65   | Yes                     | 60 %   |
| Location: Office Building Basement Plant Level Throughout             |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Off White, Heterogeneous, Fibrous, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile 60.0 %                                     |                |                         |  |
| Other Material: Non-fibrous 40 %                                      |                |                         |  |

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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                             |
|---|--------------|------------------|--|
| 66  | 117101460-66 | Yes              | 70 %   |
| Location: Office Building Basement Plant Level Throughout           |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types: Chrysotile 70.0 %                                   |              |                  |  |
| Other Material: Non-fibrous 30 %                                    |              |                  |  |
| 67  | 117101460-67 | Yes              | 15 %   |
| Location: Office Building Basement Plant Level Throughout           |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material    |              |                  |  |
| Asbestos Types: Chrysotile 15.0 %                                   |              |                  |  |
| Other Material: Fibrous glass 65 %, Non-fibrous 20 %                |              |                  |  |
| 68  | 117101460-68 | Yes              | 15 %   |
| Location: Office Building Basement Plant Level Throughout           |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material    |              |                  |  |
| Asbestos Types: Chrysotile 15.0 %                                   |              |                  |  |
| Other Material: Fibrous glass 65 %, Non-fibrous 20 %                |              |                  |  |
| 69  | 117101460-69 | Yes              | Trace (<1 %)                                 |
| Location: Office Building Basement Plant Level Throughout           |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile <1. %                                    |              |                  |  |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                   |              |                  |  |
| 70  | 117101460-70 | Yes              | 60 %   |
| Location: Office Building Basement Plant Level Throughout           |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material   |              |                  |  |
| Asbestos Types: Chrysotile 60.0 %                                   |              |                  |  |
| Other Material: Cellulose 10 %, Non-fibrous 30 %                    |              |                  |  |
| 71  | 117101460-71 | Yes              | 60 %   |
| Location: Office Building Basement Plant Level Throughout           |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types: Chrysotile 60.0 %                                   |              |                  |  |
| Other Material: Non-fibrous 40 %                                    |              |                  |  |

See Reporting notes on last page

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                             |
|---|--------------|------------------|--|
| 72  | 117101460-72 | Yes              | 10 %   |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material      |              |                  |  |
| Asbestos Types: Chrysotile 10.0 %                                     |              |                  |  |
| Other Material: Fibrous glass 70 %, Non-fibrous 20 %                  |              |                  |  |
| 73  | 117101460-73 | Yes              | Trace (<1 %)                                 |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |  |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |              |                  |  |
| 74  | 117101460-74 | Yes              | Trace (<1 %)                                 |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                     |              |                  |  |
| 75  | 117101460-75 | No               | NAD  |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                     |              |                  |  |
| 76  | 117101460-76 | No               | NAD  |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                     |              |                  |  |
| 77  | 117101460-77 | No               | NAD  |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |              |                  |  |

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                             |
|---|--------------|------------------|--|
| 78  | 117101460-78 | No               | NAD  |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |              |                  |  |
| 79  | 117101460-79 | No               | NAD  |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Cellulose 60 %, Fibrous glass 10 %, Non-fibrous 30 %  |              |                  |  |
| 80  | 117101460-80 | No               | NAD  |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Cellulose 60 %, Fibrous glass 10 %, Non-fibrous 30 %  |              |                  |  |
| 81  | 117101460-81 | No               | NAD  |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Cellulose 60 %, Fibrous glass 10 %, Non-fibrous 30 %  |              |                  |  |
| 82  | 117101460-82 | Yes              | 60 %   |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types: Chrysotile 60.0 %                                     |              |                  |  |
| Other Material: Non-fibrous 40 %                                      |              |                  |  |
| 83  | 117101460-83 | Yes              | 60 %   |
| Location: Office Building Basement Plant Level Throughout             |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types: Chrysotile 60.0 %                                     |              |                  |  |
| Other Material: Non-fibrous 40 %                                      |              |                  |  |

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Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                      |
|---|----------------|-------------------------|--|
| 84  | 117101460-84   | Yes                     | 10 %   |
| Location: Office Building Basement Plant Level Throughout             |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material      |                |                         |  |
| Asbestos Types: Chrysotile 10.0 %                                     |                |                         |  |
| Other Material: Fibrous glass 70 %, Non-fibrous 20 %                  |                |                         |  |
| 85  | 117101460-85   | Yes                     | 10 %   |
| Location: Office Building Basement Plant Level Throughout             |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material      |                |                         |  |
| Asbestos Types: Chrysotile 10.0 %                                     |                |                         |  |
| Other Material: Fibrous glass 70 %, Non-fibrous 20 %                  |                |                         |  |
| 86  | 117101460-86   | No                      | NAD  |
| Location: Office Building Basement Plant Level Throughout             |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material  |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |                |                         |  |
| 87  | 117101460-87   | Yes                     | Trace (<1 %)                                 |
| Location: Office Building Basement Plant Level Throughout             |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile <1. %                                      |                |                         |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                     |                |                         |  |
| 88  | 117101460-88   | Yes                     | 25 %   |
| Location: Office Building Basement On Boiler And Floor                |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |                |                         |  |
| Asbestos Types: Chrysotile 20.0 %, Amosite 5.0 %                      |                |                         |  |
| Other Material: Non-fibrous 75 %                                      |                |                         |  |
| 89  | 117101460-89   | Yes                     | 25 %   |
| Location: Office Building Basement On Boiler And Floor                |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |                |                         |  |
| Asbestos Types: Chrysotile 20.0 %, Amosite 5.0 %                      |                |                         |  |
| Other Material: Non-fibrous 75 %                                      |                |                         |  |

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                                  |
|---|--------------|------------------|---|
| 90  | 117101460-90 | Yes              | 20 %  |
| Location: Office Building Basement On Boiler And Floor                |              |                  | (by CVES)<br>by David W. Ralbovsky<br>on 10/17/17 |
| Analyst Description: Beige, Heterogeneous, Fibrous, Bulk Material     |              |                  |   |
| Asbestos Types: Chrysotile 6.0 %, Amosite 14.0 %                      |              |                  |   |
| Other Material: Non-fibrous 80 %                                      |              |                  |   |
| 91  | 117101460-91 | No               | NAD   |
| Location: Office Building Basement Boiler Rm                          |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17      |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |              |                  |   |
| 92  | 117101460-92 | No               | NAD   |
| Location: Office Building Basement Boiler Rm                          |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17      |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |              |                  |   |
| 93  | 117101460-93 | No               | NAD   |
| Location: Office Building Basement Boiler Rm                          |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17      |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |              |                  |   |
| 94  | 117101460-94 | No               | NAD   |
| Location: Office Building Basement Storage Rm                         |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17      |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Animal hair 1 %, Non-fibrous 99 %                     |              |                  |   |
| 95  | 117101460-95 | No               | NAD   |
| Location: Office Building Basement Storage Rm                         |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17      |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                     |              |                  |   |

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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                                  |
|---|-----------------|------------------|---|
| 96  | 117101460-96    | No               | NAD   |
| Location: Office Building Basement Storage Rm                         |                 |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17      |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                     |                 |                  |   |
| 97  | 117101460-97    | No               | NAD   |
| Location: Office Bldg Throughout                                      |                 |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17      |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Non-fibrous 100 %                                     |                 |                  |   |
| 98  | 117101460-98    | Yes              | 8 %   |
| Location: Office Bldg Throughout                                      |                 |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/18/17      |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |                 |                  |   |
| Asbestos Types: Chrysotile 8.0 %                                      |                 |                  |   |
| Other Material: Non-fibrous 92 %                                      |                 |                  |   |
| 99  | 117101460-99L1  | Yes              | 20 %  |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Transite           |                 |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                     |                 |                  |   |
| Other Material: Non-fibrous 80 %                                      |                 |                  |   |
| 99  | 117101460-99L2  | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Fibrous, Insulation Board    |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                       |                 |                  |   |
| 100   | 117101460-100L1 | Yes              | 20 %  |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Transite           |                 |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                     |                 |                  |   |
| Other Material: Non-fibrous 80 %                                      |                 |                  |   |

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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                                  |
|---|-----------------|------------------|---|
| 100   | 117101460-100L2 | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Fibrous, Insulation Board      |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                         |                 |                  |   |
| 101   | 117101460-101L1 | Yes              | 20 %  |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Transite             |                 |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                       |                 |                  |   |
| Other Material: Non-fibrous 80 %  |                 |                  |   |
| 101   | 117101460-101L2 | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Tan, Heterogeneous, Fibrous, Insulation Board      |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                         |                 |                  |   |
| 102   | 117101460-102   | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material       |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                         |                 |                  |   |
| 103   | 117101460-103   | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Cellulose 90 %, Non-fibrous 10 %                        |                 |                  |   |
| 104   | 117101460-104   | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material       |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                         |                 |                  |   |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                           |
|---|----------------|-------------------------|---|
| 105   | 117101460-105  | No                      | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                         |                |                         |   |
| 106   | 117101460-106  | No                      | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material       |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                         |                |                         |   |
| 107   | 117101460-107  | No                      | NAD   |
| Location: 2nd Floor Storage Area Over Shop Wall Panels                  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                         |                |                         |   |
| 108   | 117101460-108  | No                      | NAD   |
| Location: 2nd Floor Storage Area Over Shop Ceiling                      |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material       |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                         |                |                         |   |
| 109   | 117101460-109  | No                      | NAD   |
| Location: 2nd Floor Storage Area Over Shop Ceiling                      |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 90 %, Non-fibrous 10 %                        |                |                         |   |
| 110   | 117101460-110  | No                      | NAD   |
| Location: 2nd Floor Storage Area Over Shop Ceiling                      |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material       |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                         |                |                         |   |

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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                                  |
|---|---------------|------------------|---|
| 111   | 117101460-111 | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop Ceiling                      |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Cellulose 90 %, Non-fibrous 10 %                        |               |                  |   |
| 112   | 117101460-112 | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop Ceiling                      |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Bulk Material       |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                         |               |                  |   |
| 113   | 117101460-113 | No               | NAD   |
| Location: 2nd Floor Storage Area Over Shop / Ceiling                    |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Cellulose 90 %, Non-fibrous 10 %                        |               |                  |   |
| 114   | 117101460-114 | No               | NAD   |
| Location: Interior Windows Throughout Plant                             |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material   |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Non-fibrous 100 %                                       |               |                  |   |
| 115   | 117101460-115 | Yes              | 55 %  |
| Location: Plant Area  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material       |               |                  |   |
| Asbestos Types: Chrysotile 55.0 %                                       |               |                  |   |
| Other Material: Cellulose 20 %, Non-fibrous 25 %                        |               |                  |   |
| 116   | 117101460-116 | Yes              | 55 %  |
| Location: Plant Area  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material    |               |                  |   |
| Asbestos Types: Chrysotile 55.0 %                                       |               |                  |   |
| Other Material: Cellulose 20 %, Non-fibrous 25 %                        |               |                  |   |

See Reporting notes on last page

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                                  |
|--|---------------|------------------|---|
| 117  | 117101460-117 | Yes              | 55 %  |
| Location: Plant Area   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| <b>Analyst Description:</b> Gray, Heterogeneous, Fibrous, Bulk Material<br><b>Asbestos Types:</b> Chrysotile 55.0 %<br><b>Other Material:</b> Cellulose 20 %, Non-fibrous 25 %         |               |                  |   |
| 118  | 117101460-118 | No               | NAD   |
| Location: Plant Area   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| <b>Analyst Description:</b> White/Yellow, Heterogeneous, Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 3 %, Fibrous glass 92 %, Non-fibrous 5 % |               |                  |   |
| 119  | 117101460-119 | No               | NAD   |
| Location: Plant Area   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| <b>Analyst Description:</b> White/Yellow, Heterogeneous, Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 3 %, Fibrous glass 92 %, Non-fibrous 5 % |               |                  |   |
| 120  | 117101460-120 | No               | NAD   |
| Location: Plant Area   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| <b>Analyst Description:</b> White/Yellow, Heterogeneous, Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 3 %, Fibrous glass 92 %, Non-fibrous 5 % |               |                  |   |
| 121  | 117101460-121 | Yes              | 5 %   |
| Location: Plant Area Rear  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| <b>Analyst Description:</b> Gray/Brown, Heterogeneous, Fibrous, Bulk Material<br><b>Asbestos Types:</b> Chrysotile 5.0 %<br><b>Other Material:</b> Cellulose 90 %, Non-fibrous 5 %     |               |                  |   |
| 122  | 117101460-122 | Yes              | 50 %  |
| Location: Plant Area Rear  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| <b>Analyst Description:</b> Gray, Heterogeneous, Non-Fibrous, Bulk Material<br><b>Asbestos Types:</b> Chrysotile 50.0 %<br><b>Other Material:</b> Cellulose 25 %, Non-fibrous 25 %     |               |                  |   |

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**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA   | Lab No.       | Asbestos Present | Total % Asbestos                                  |
|--|---------------|------------------|---|
| 123  | 117101460-123 | Yes              | Trace (<1 %)                                      |
| Location: Plant Area Rear  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray/Brown, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile <1. %                                       |               |                  |   |
| Other Material: Cellulose 98 %, Non-fibrous 2 %                        |               |                  |   |
| 124  | 117101460-124 | Yes              | 55 %  |
| Location: Plant Area   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material       |               |                  |   |
| Asbestos Types: Chrysotile 55.0 %                                      |               |                  |   |
| Other Material: Cellulose 25 %, Non-fibrous 20 %                       |               |                  |   |
| 125  | 117101460-125 | Yes              | 11 %  |
| Location: Plant Area Dryer Area  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material      |               |                  |   |
| Asbestos Types: Chrysotile 4.0 %, Amosite 7.0 %                        |               |                  |   |
| Other Material: Non-fibrous 89 %                                       |               |                  |   |
| 126  | 117101460-126 | Yes              | 11 %  |
| Location: Plant Area Dryer Area  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material      |               |                  |   |
| Asbestos Types: Chrysotile 4.0 %, Amosite 7.0 %                        |               |                  |   |
| Other Material: Non-fibrous 89 %                                       |               |                  |   |
| 127  | 117101460-127 | Yes              | 11 %  |
| Location: Plant Area Dryer Area  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material      |               |                  |   |
| Asbestos Types: Chrysotile 4.0 %, Amosite 7.0 %                        |               |                  |   |
| Other Material: Non-fibrous 89 %                                       |               |                  |   |
| 128  | 117101460-128 | Yes              | 70 %  |
| Location: Plant Area Dryer Area  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material       |               |                  |   |
| Asbestos Types: Chrysotile 70.0 %                                      |               |                  |   |
| Other Material: Non-fibrous 30 %                                       |               |                  |   |

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA  | Lab No.       | Asbestos Present | Total % Asbestos                                  |
|---|---------------|------------------|---|
| 129   | 117101460-129 | Yes              | 70 %  |
| Location: Plant Area Dryers                                       |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material  |               |                  |   |
| Asbestos Types: Chrysotile 70.0 %                                 |               |                  |   |
| Other Material: Non-fibrous 30 %                                  |               |                  |   |
| 130   | 117101460-130 | Yes              | 60 %  |
| Location: Plant Area Dryers                                       |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material  |               |                  |   |
| Asbestos Types: Chrysotile 60.0 %                                 |               |                  |   |
| Other Material: Cellulose 20 %, Non-fibrous 20 %                  |               |                  |   |
| 131   | 117101460-131 | Yes              | 60 %  |
| Location: Plant Area  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material  |               |                  |   |
| Asbestos Types: Chrysotile 60.0 %                                 |               |                  |   |
| Other Material: Cellulose 20 %, Non-fibrous 20 %                  |               |                  |   |
| 132   | 117101460-132 | Yes              | 20 %  |
| Location: 2nd Floor Top Of Rear Stairwell                         |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                 |               |                  |   |
| Other Material: Non-fibrous 80 %                                  |               |                  |   |
| 133   | 117101460-133 | Yes              | 20 %  |
| Location: 2nd Floor Top Of Rear Stairwell                         |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                 |               |                  |   |
| Other Material: Non-fibrous 80 %                                  |               |                  |   |
| 134   | 117101460-134 | Yes              | 20 %  |
| Location: 2nd Floor Top Of Rear Stairwell                         |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                 |               |                  |   |
| Other Material: Non-fibrous 80 %                                  |               |                  |   |

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                                  |
|---|---------------|------------------|---|
| 135   | 117101460-135 | No               | NAD   |
| Location: Plant Area Kiln   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Pink, Heterogeneous, Non-Fibrous, Bulk Material        |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Cellulose 2 %, Fibrous glass 93 %, Non-fibrous 5 %          |               |                  |   |
| 136   | 117101460-136 | No               | NAD   |
| Location: Plant Area Kiln   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Pink, Heterogeneous, Fibrous, Bulk Material            |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                         |               |                  |   |
| 137   | 117101460-137 | No               | NAD   |
| Location: Plant Area Kiln   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Pink, Heterogeneous, Fibrous, Bulk Material            |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                         |               |                  |   |
| 138   | 117101460-138 | No               | NAD   |
| Location: Plant Area Rear   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Non-fibrous 100 %   |               |                  |   |
| 139   | 117101460-139 | No               | NAD   |
| Location: Plant Area Rear   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Non-fibrous 100 %   |               |                  |   |
| 140   | 117101460-140 | No               | NAD   |
| Location: Plant Area Rear   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material       |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Non-fibrous 100 %   |               |                  |   |

See Reporting notes on last page



Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                           |
|---|----------------|-------------------------|---|
| 141   | 117101460-141  | No                      | NAD   |
| Location: Plant Area Rear   |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Non-fibrous 100 %                                     |                |                         |   |
| 142   | 117101460-142  | No                      | NAD   |
| Location: Plant Area Rear   |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Non-fibrous 100 %                                     |                |                         |   |
| 143   | 117101460-143  | No                      | NAD   |
| Location: Plant Area Rear   |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Non-fibrous 100 %                                     |                |                         |   |
| 144   | 117101460-144  | No                      | NAD   |
| Location: Plant Area Kiln   |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Non-fibrous 100 %                                     |                |                         |   |
| 145   | 117101460-145  | No                      | NAD   |
| Location: Plant Area Kiln   |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Non-fibrous 100 %                                     |                |                         |   |
| 146   | 117101460-146  | No                      | NAD   |
| Location: Plant Area Kiln   |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Non-fibrous 100 %                                     |                |                         |   |

See Reporting notes on last page

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA  | Lab No.         | Asbestos Present | Total % Asbestos                                  |
|---|-----------------|------------------|---|
| 147   | 117101460-147   | No               | NAD   |
| Location: Plant Area Kiln   |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Non-fibrous 100 %                                     |                 |                  |   |
| 148   | 117101460-148   | No               | NAD   |
| Location: Plant Area Kiln   |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Non-fibrous 100 %                                     |                 |                  |   |
| 149   | 117101460-149   | No               | NAD   |
| Location: Plant Area Kiln   |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Beige, Heterogeneous, Non-Fibrous, Bulk Material |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Non-fibrous 100 %                                     |                 |                  |   |
| 150   | 117101460-150L1 | Yes              | 20 %  |
| Location: Plant Area Kiln   |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Transite           |                 |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                     |                 |                  |   |
| Other Material: Non-fibrous 80 %                                      |                 |                  |   |
| 150   | 117101460-150L2 | No               | NAD   |
| Location: Plant Area Kiln   |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Cream, Heterogeneous, Fibrous, Insulation        |                 |                  |   |
| Asbestos Types:   |                 |                  |   |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                   |                 |                  |   |
| 151   | 117101460-151L1 | Yes              | 20 %  |
| Location: Plant Area Kiln   |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Transite           |                 |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                     |                 |                  |   |
| Other Material: Non-fibrous 80 %                                      |                 |                  |   |

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA   | Lab No.         | Asbestos Present | Total % Asbestos                                  |
|--|-----------------|------------------|---|
| 151  | 117101460-151L2 | No               | NAD   |
| Location: Plant Area Kiln                                      |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Cream, Heterogeneous, Fibrous, Insulation |                 |                  |   |
| Asbestos Types:  |                 |                  |   |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %            |                 |                  |   |
| 152  | 117101460-152L1 | Yes              | 20 %  |
| Location: Plant Area Kiln                                      |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Transite    |                 |                  |   |
| Asbestos Types: Chrysotile 20.0 %                              |                 |                  |   |
| Other Material: Non-fibrous 80 %                               |                 |                  |   |
| 152  | 117101460-152L2 | No               | NAD   |
| Location: Plant Area Kiln                                      |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Cream, Heterogeneous, Fibrous, Insulation |                 |                  |   |
| Asbestos Types:  |                 |                  |   |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %            |                 |                  |   |
| 153  | 117101460-153L1 | No               | NAD   |
| Location: Plant Area Kiln                                      |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Cream, Heterogeneous, Fibrous, Insulation |                 |                  |   |
| Asbestos Types:  |                 |                  |   |
| Other Material: Fibrous glass 98 %, Non-fibrous 2 %            |                 |                  |   |
| 153  | 117101460-153L2 | Yes              | 70 %  |
| Location: Plant Area Kiln                                      |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Insulation  |                 |                  |   |
| Asbestos Types: Chrysotile 70.0 %                              |                 |                  |   |
| Other Material: Non-fibrous 30 %                               |                 |                  |   |
| 154  | 117101460-154L1 | No               | NAD   |
| Location: Plant Area Kiln                                      |                 |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Cream, Heterogeneous, Fibrous, Insulation |                 |                  |   |
| Asbestos Types:  |                 |                  |   |
| Other Material: Fibrous glass 98 %, Non-fibrous 2 %            |                 |                  |   |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b>  | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                                   |
|--|-----------------|-------------------------|---|
| 154<br><br>Location: Plant Area Kiln<br><br>Analyst Description: Gray, Heterogeneous, Fibrous, Insulation<br>Asbestos Types: Chrysotile 70.0 %<br>Other Material: Non-fibrous 30 %                       | 117101460-154L2 | Yes                     | 70 %<br>(by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| 155<br><br>Location: Plant Area Kiln<br><br>Analyst Description: Cream, Heterogeneous, Fibrous, Insulation<br>Asbestos Types:<br>Other Material: Fibrous glass 98 %, Non-fibrous 2 %                     | 117101460-155L1 | No                      | NAD<br>(by CVES)<br>by William M. Dunstan<br>on 10/18/17  |
| 155<br><br>Location: Plant Area Kiln<br><br>Analyst Description: Gray, Heterogeneous, Fibrous, Insulation<br>Asbestos Types: Chrysotile 70.0 %<br>Other Material: Non-fibrous 30 %                       | 117101460-155L2 | Yes                     | 70 %<br>(by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| 156<br><br>Location: Plant Area Kiln<br><br>Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material<br>Asbestos Types: Crocidolite 3.0 %, Chrysotile 67.0 %<br>Other Material: Non-fibrous 30 % | 117101460-156   | Yes                     | 70 %<br>(by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| 157<br><br>Location: Plant Area Kiln<br><br>Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material<br>Asbestos Types: Crocidolite 3.0 %, Chrysotile 67.0 %<br>Other Material: Non-fibrous 30 % | 117101460-157   | Yes                     | 70 %<br>(by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| 158<br><br>Location: Plant Area Kiln<br><br>Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material<br>Asbestos Types: Crocidolite 3.0 %, Chrysotile 67.0 %<br>Other Material: Non-fibrous 30 % | 117101460-158   | Yes                     | 70 %<br>(by CVES)<br>by William M. Dunstan<br>on 10/18/17 |

See Reporting notes on last page

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                                  |
|--|---------------|------------------|---|
| 159  | 117101460-159 | Yes              | 20 %  |
| Location: Plant Area Kiln Top                                    |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                |               |                  |   |
| Other Material: Non-fibrous 80 %                                 |               |                  |   |
| 160  | 117101460-160 | Yes              | 20 %  |
| Location: Plant Area Kiln Top                                    |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/18/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile 20.0 %                                |               |                  |   |
| Other Material: Non-fibrous 80 %                                 |               |                  |   |

**Reporting Notes:**

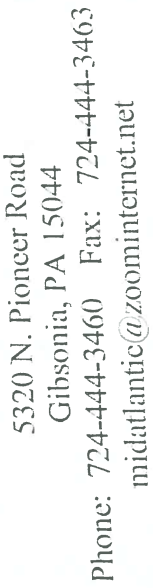
Analyzed by: J. Samuel Baird



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.



COPY

## Chain of Custody Form

[illegible]

Project Site: Newell Police Plant

Project S.I.C. Business

Contact Name:

Email: \_\_\_\_\_ Date: 10-11-17 Time: 05:30 AM

Relinquished By: Edgar Rios Date: 10/11/17 Time: 8:00 am

Received By William Ford \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Received By (AMERISCI)

### Additional Information:

Additional Information:  
\* Please email results only to: [midatlantic@zoominternet.net](mailto: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 | TYPE OF ANALYSIS | TURNAROUND TIME |
|--------|---------------|------------------|-----------------|
| 01     |               | PLM Asbestos     | Standard.       |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
| 160    |               |                  |                 |

Project Site: Dewell Porcelain Plant Sampler Signature: Euf Rg JN# CEC-17-20

Client / Address: CEC Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ Contact Name: \_\_\_\_\_

Relinquished By: Edgar King Date: 10-11-17 Time: 0530 AM

Received By: Shelly Burch Date: 10/11/17 Time: 8:00am

Received By: (AMERISCT) Date: \_\_\_\_\_ Time: \_\_\_\_\_

Additional Information:

\*Please email results only to:  
midatlantic@zoominternet.net

RECEIVED

OCT 12 2017

By KHH



Please Reply To:

**AmeriSci Richmond**

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

**FACSIMILE TELECOPY TRANSMISSION**

|   |  |
|---|--|
| <b>To:</b> Tim Daniels<br>Mid Atlantic Environmental Consultants, Inc | <b>From:</b> Jean L. Mayes                                       |
| <b>Fax #:</b>   | <b>AmeriSci Job #:</b> 117101584                                 |
|   | <b>Subject:</b> PLM 5 day Results                                |
| <b>Email:</b> MIDATLANTIC@ZOOMINTERNET.NET                            | <b>Client Project:</b> CEC-17-20; CEC; Newell<br>Porcelain Plant |

**Date:** Monday, October 23, 2017  
**Time:** 18:15:04  
**Comments:**

**Number of Pages:** 41  
(including cover sheet)



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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** 1 **of** 39  
**RE: CEC-17-20; CEC; Newell Porcelain Plant**  
Gibsonia, PA 15044

| Client No. / HGA  | Lab No.        | Asbestos Present | Total % Asbestos                                     |
|---|----------------|------------------|--|
| 161<br>Location: Plant Area Kiln Top<br><br>Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material<br>Asbestos Types: Chrysotile 10.0 %<br>Other Material: Non-fibrous 90 % | 117101584-01   | Yes              | 10 %<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| 162<br>Location: Plant Area Kiln Front<br><br>Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Transite<br>Asbestos Types: Chrysotile 15.0 %<br>Other Material: Non-fibrous 85 %    | 117101584-02.1 | Yes              | 15 %<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| 162<br>Location: Plant Area Kiln Front<br><br>Analyst Description: Brown, Heterogeneous, Fibrous, Insulation<br>Asbestos Types:<br>Other Material: Cellulose 95 %, Non-fibrous 5 %                      | 117101584-02.2 | No               | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17  |
| 163<br>Location: Plant Area Kiln Front<br><br>Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Transite<br>Asbestos Types: Chrysotile 15.0 %<br>Other Material: Non-fibrous 85 %    | 117101584-03.1 | Yes              | 15 %<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| 163<br>Location: Plant Area Kiln Front<br><br>Analyst Description: Brown, Heterogeneous, Fibrous, Insulation<br>Asbestos Types:<br>Other Material: Cellulose 95 %, Non-fibrous 5 %                      | 117101584-03.2 | No               | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17  |

See Reporting notes on last page

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                             |
|---|----------------|------------------|--|
| 164   | 117101584-04.1 | Yes              | 15 %   |
| Location: Plant Area Kiln Front   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Transite |                |                  |  |
| Asbestos Types: Chrysotile 15.0 %   |                |                  |  |
| Other Material: Non-fibrous 85 %  |                |                  |  |
| 164   | 117101584-04.2 | No               | NAD  |
| Location: Plant Area Kiln Front   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown, Heterogeneous, Fibrous, Insulation                |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 95 %, Non-fibrous 5 %                               |                |                  |  |
| 165   | 117101584-05   | No               | NAD  |
| Location: Plant Area Kiln   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material           |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Non-fibrous 100 %   |                |                  |  |
| 166   | 117101584-06   | No               | NAD  |
| Location: Plant Area Kiln   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material           |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Non-fibrous 100 %   |                |                  |  |
| 167   | 117101584-07   | No               | NAD  |
| Location: Plant Area Kiln   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material           |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Non-fibrous 100 %   |                |                  |  |
| 168   | 117101584-08   | No               | NAD  |
| Location: Plant Area Dryers   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material          |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Non-fibrous 100 %   |                |                  |  |

See Reporting notes on last page

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                             |
|---|--------------|------------------|--|
| 169   | 117101584-09 | No               | NAD  |
| Location: Plant Area Dryers   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material  |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 170   | 117101584-10 | No               | NAD  |
| Location: Plant Area Dryers   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material  |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 171   | 117101584-11 | No               | NAD  |
| Location: Plant Area Dryers   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Synthetic fibers 30 %, Non-fibrous 70 %               |              |                  |  |
| 172   | 117101584-12 | No               | NAD  |
| Location: Plant Area Dryers   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Synthetic fibers 30 %, Non-fibrous 70 %               |              |                  |  |
| 173   | 117101584-13 | No               | NAD  |
| Location: Plant Area Dryers   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Synthetic fibers 30 %, Non-fibrous 70 %               |              |                  |  |
| 174   | 117101584-14 | No               | NAD  |
| Location: Plant Area 2nd Fir Over Kiln                                |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                     |              |                  |  |

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                      |
|--|----------------|-------------------------|--|
| 175  | 117101584-15   | No                      | NAD  |
| Location: Plant Area 2nd Flr Over Kiln                                     |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material        |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                          |                |                         |  |
| 176  | 117101584-16   | No                      | NAD  |
| Location: Plant Area 2nd Flr Over Kiln                                     |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material        |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                          |                |                         |  |
| 177  | 117101584-17.1 | No                      | NAD  |
| Location: Plant Area 2nd Flr Over Kiln                                     |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Non-fibrous 100 %  |                |                         |  |
| 177  | 117101584-17.2 | No                      | NAD  |
| Location: Plant Area 2nd Flr Over Kiln                                     |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)  |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Animal hair NAD, Non-fibrous 98 %                          |                |                         |  |
| 178  | 117101584-18.1 | No                      | NAD  |
| Location: Plant Area 2nd Flr Over Kiln                                     |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Non-fibrous 100 %  |                |                         |  |
| 178  | 117101584-18.2 | No                      | NAD  |
| Location: Plant Area 2nd Flr Over Kiln                                     |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Base Coat (Plaster)  |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                          |                |                         |  |



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                             |
|---|--------------|------------------|--|
| 179   | 117101584-19 | No               | NAD  |
| Location: Plant Area 2nd Flr Over Kiln                                |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Animal hair 2 %, Non-fibrous 98 %                     |              |                  |  |
| 180   | 117101584-20 | No               | NAD  |
| Location: Plant Area Elma Kiln  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                   |              |                  |  |
| 181   | 117101584-21 | No               | NAD  |
| Location: Plant Area Elma Kiln  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                   |              |                  |  |
| 182   | 117101584-22 | No               | NAD  |
| Location: Plant Area Elma Kiln  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Bulk Material     |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                   |              |                  |  |
| 183   | 117101584-23 | No               | NAD  |
| Location: Plant Area Elma Kiln Debris                                 |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 184   | 117101584-24 | No               | NAD  |
| Location: Plant Area Elma Kiln Debris                                 |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA  | Lab No.      | Asbestos Present | Total % Asbestos                             |
|---|--------------|------------------|--|
| 185   | 117101584-25 | No               | NAD  |
| Location: Plant Area Elma Kiln Debris                                 |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 186   | 117101584-26 | No               | NAD  |
| Location: Plant Area Denver Kiln                                      |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 187   | 117101584-27 | No               | NAD  |
| Location: Plant Area Denver Kiln                                      |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 188   | 117101584-28 | No               | NAD  |
| Location: Plant Area Denver Kiln                                      |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 189   | 117101584-29 | No               | NAD  |
| Location: Plant Area Campbell Kiln                                    |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 190   | 117101584-30 | No               | NAD  |
| Location: Plant Area Campbell Kiln                                    |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Tan, Heterogeneous, Non-Fibrous, Bulk Material   |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |

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                             |
|---|--------------|------------------|--|
| 191   | 117101584-31 | No               | NAD  |
| Location: Plant Area Campbell Kiln                                    |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 192   | 117101584-32 | No               | NAD  |
| Location: Plant Area Rear   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Cellulose 10 %, Fibrous glass 5 %, Non-fibrous 85 %   |              |                  |  |
| 193   | 117101584-33 | No               | NAD  |
| Location: Plant Area Rear   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Cellulose 10 %, Fibrous glass 5 %, Non-fibrous 85 %   |              |                  |  |
| 194   | 117101584-34 | No               | NAD  |
| Location: Plant Area Rear   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Cellulose 10 %, Fibrous glass 5 %, Non-fibrous 85 %   |              |                  |  |
| 195   | 117101584-35 | No               | NAD  |
| Location: Plant Area Rear   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |
| 196   | 117101584-36 | No               | NAD  |
| Location: Plant Area Rear   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Non-fibrous 100 %                                     |              |                  |  |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                      |
|--|----------------|-------------------------|--|
| 197  | 117101584-37   | Yes                     | 15 %   |
| Location: Plant Area Rear  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile 15.0 %  |                |                         |  |
| Other Material: Non-fibrous 85 %   |                |                         |  |
| 198  | 117101584-38   | Yes                     | 15 %   |
| Location: Plant Area Rear  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile 15.0 %  |                |                         |  |
| Other Material: Non-fibrous 85 %   |                |                         |  |
| 199  | 117101584-39   | Yes                     | 15 %   |
| Location: Plant Area Rear  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Cementitious, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile 15.0 %  |                |                         |  |
| Other Material: Non-fibrous 85 %   |                |                         |  |
| 200  | 117101584-40.1 | Yes                     | 25 %   |
| Location: Plant Area Boiler Stair  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Insulation                 |                |                         |  |
| Asbestos Types: Chrysotile 20.0 %, Amosite 5.0 %                                   |                |                         |  |
| Other Material: Non-fibrous 75 %   |                |                         |  |
| 200  | 117101584-40.2 | Yes                     | 70 %   |
| Location: Plant Area Boiler Stair  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Airocell                       |                |                         |  |
| Asbestos Types: Chrysotile 70.0 %  |                |                         |  |
| Other Material: Non-fibrous 30 %   |                |                         |  |
| 201  | 117101584-41.1 | Yes                     | 25 %   |
| Location: Plant Area   |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Insulation                 |                |                         |  |
| Asbestos Types: Chrysotile 20.0 %, Amosite 5.0 %                                   |                |                         |  |
| Other Material: Non-fibrous 75 %   |                |                         |  |

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA  | Lab No.        | Asbestos Present | Total % Asbestos                             |
|---|----------------|------------------|--|
| 201   | 117101584-41.2 | Yes              | 65 %   |
| Location: Plant Area  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Airocell            |                |                  |  |
| Asbestos Types: Chrysotile 65.0 %                                       |                |                  |  |
| Other Material: Non-fibrous 35 %  |                |                  |  |
| 202   | 117101584-42.1 | Yes              | 25 %   |
| Location: Plant Area  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Insulation      |                |                  |  |
| Asbestos Types: Chrysotile 20.0 %, Amosite 5.0 %                        |                |                  |  |
| Other Material: Non-fibrous 75 %  |                |                  |  |
| 202   | 117101584-42.2 | Yes              | 65 %   |
| Location: Plant Area  |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Fibrous, Airocell            |                |                  |  |
| Asbestos Types: Chrysotile 65.0 %                                       |                |                  |  |
| Other Material: Non-fibrous 35 %  |                |                  |  |
| 203   | 117101584-43   | No               | NAD  |
| Location: Basement Rear   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown/Black, Heterogeneous, Fibrous, Bulk Material |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 80 %, Non-fibrous 20 %                        |                |                  |  |
| 204   | 117101584-44   | No               | NAD  |
| Location: Basement Rear   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Brown/Black, Heterogeneous, Fibrous, Bulk Material |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 80 %, Non-fibrous 20 %                        |                |                  |  |
| 205   | 117101584-45   | No               | NAD  |
| Location: Basement Rear   |                |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material |                |                  |  |
| Asbestos Types:   |                |                  |  |
| Other Material: Cellulose 80 %, Non-fibrous 20 %                        |                |                  |  |

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                             |
|---|--------------|------------------|--|
| 206   | 117101584-46 | Yes              | 13 %   |
| Location: Basement Rear   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 3.0 %, Amosite 10.0 %                      |              |                  |  |
| Other Material: Non-fibrous 87 %                                      |              |                  |  |
| 207   | 117101584-47 | Yes              | 13 %   |
| Location: Basement Rear   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 10.0 %, Amosite 3.0 %                      |              |                  |  |
| Other Material: Non-fibrous 87 %                                      |              |                  |  |
| 208   | 117101584-48 | Yes              | 10 %   |
| Location: Basement Rear   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 5.0 %, Amosite 5.0 %                       |              |                  |  |
| Other Material: Non-fibrous 90 %                                      |              |                  |  |
| 209   | 117101584-49 | Yes              | 30 %   |
| Location: Basement Boiler Room  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 20.0 %, Amosite 10.0 %                     |              |                  |  |
| Other Material: Non-fibrous 70 %                                      |              |                  |  |
| 210   | 117101584-50 | Yes              | 30 %   |
| Location: Basement Boiler Room  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 10.0 %, Amosite 20.0 %                     |              |                  |  |
| Other Material: Non-fibrous 70 %                                      |              |                  |  |
| 211   | 117101584-51 | Yes              | 30 %   |
| Location: Basement Boiler Room  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 10.0 %, Amosite 20.0 %                     |              |                  |  |
| Other Material: Non-fibrous 70 %                                      |              |                  |  |



**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA   | Lab No.      | Asbestos Present | Total % Asbestos                             |
|--|--------------|------------------|--|
| 212  | 117101584-52 | No               | NAD  |
| Location: Basement Boiler 2  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types:  |              |                  |  |
| Other Material: Fibrous glass 97 %, Non-fibrous 3 %                      |              |                  |  |
| 213  | 117101584-53 | No               | NAD  |
| Location: Basement Boiler 2  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types:  |              |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                      |              |                  |  |
| 214  | 117101584-54 | No               | NAD  |
| Location: Basement Boiler 2  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow/White, Heterogeneous, Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:  |              |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                      |              |                  |  |
| 215  | 117101584-55 | No               | NAD  |
| Location: Basement Boiler 2  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types:  |              |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                      |              |                  |  |
| 216  | 117101584-56 | No               | NAD  |
| Location: Basement Boiler 2  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types:  |              |                  |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                      |              |                  |  |
| 217  | 117101584-57 | No               | NAD  |
| Location: Basement Boiler 2  |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material       |              |                  |  |
| Asbestos Types:  |              |                  |  |
| Other Material: Fibrous glass 90 %, Non-fibrous 10 %                     |              |                  |  |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                      |
|--|----------------|-------------------------|--|
| 218  | 117101584-58   | No                      | NAD  |
| Location: Basement Boiler 1  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                |                |                         |  |
| 219  | 117101584-59   | No                      | NAD  |
| Location: Basement Boiler 1  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                |                |                         |  |
| 220  | 117101584-60   | No                      | NAD  |
| Location: Basement Boiler 1  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                |                |                         |  |
| 221  | 117101584-61   | No                      | NAD  |
| Location: Basement Boiler 1  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material   |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Fibrous glass 70 %, Non-fibrous 30 %               |                |                         |  |
| 222  | 117101584-62   | No                      | NAD  |
| Location: Basement Boiler 1  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material   |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Fibrous glass 70 %, Non-fibrous 30 %               |                |                         |  |
| 223  | 117101584-63   | No                      | NAD  |
| Location: Basement Boiler 1  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material   |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Fibrous glass 70 %, Non-fibrous 30 %               |                |                         |  |

See Reporting notes on last page

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                             |
|---|--------------|------------------|--|
| 224   | 117101584-64 | Yes              | 40 %   |
| Location: Basement Vat Room   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material      |              |                  |  |
| Asbestos Types: Chrysotile 40.0 %                                     |              |                  |  |
| Other Material: Cellulose 40 %, Non-fibrous 20 %                      |              |                  |  |
| 225   | 117101584-65 | Yes              | 40 %   |
| Location: Basement Vat Room   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material      |              |                  |  |
| Asbestos Types: Chrysotile 40.0 %                                     |              |                  |  |
| Other Material: Cellulose 40 %, Non-fibrous 20 %                      |              |                  |  |
| 226   | 117101584-66 | Yes              | 70 %   |
| Location: Basement Vat Room   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material      |              |                  |  |
| Asbestos Types: Chrysotile 70.0 %                                     |              |                  |  |
| Other Material: Non-fibrous 30 %                                      |              |                  |  |
| 227   | 117101584-67 | Yes              | 20 %   |
| Location: Basement Electric Room                                      |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 20.0 %                                     |              |                  |  |
| Other Material: Non-fibrous 80 %                                      |              |                  |  |
| 228   | 117101584-68 | Yes              | 20 %   |
| Location: Basement Electric Room                                      |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 20.0 %                                     |              |                  |  |
| Other Material: Non-fibrous 80 %                                      |              |                  |  |
| 229   | 117101584-69 | Yes              | 20 %   |
| Location: Basement Electric Room                                      |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types: Chrysotile 20.0 %                                     |              |                  |  |
| Other Material: Non-fibrous 80 %                                      |              |                  |  |

See Reporting notes on last page

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA  | Lab No.      | Asbestos Present | Total % Asbestos                             |
|---|--------------|------------------|--|
| 230   | 117101584-70 | No               | NAD  |
| Location: Plant Area Dryers   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material    |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Fibrous glass 90 %, Non-fibrous 10 %                  |              |                  |  |
| 231   | 117101584-71 | No               | NAD  |
| Location: Plant Area Dryers   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material    |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Fibrous glass 90 %, Non-fibrous 10 %                  |              |                  |  |
| 232   | 117101584-72 | No               | NAD  |
| Location: Plant Area Dryers   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Yellow, Heterogeneous, Fibrous, Bulk Material    |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Fibrous glass 90 %, Non-fibrous 10 %                  |              |                  |  |
| 233   | 117101584-73 | No               | NAD  |
| Location: South End High Roof   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Cellulose 3 %, Fibrous glass 20 %, Non-fibrous 77 %   |              |                  |  |
| 234   | 117101584-74 | No               | NAD  |
| Location: South End High Roof   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Cellulose 10 %, Fibrous glass 10 %, Non-fibrous 80 %  |              |                  |  |
| 235   | 117101584-75 | No               | NAD  |
| Location: South End High Roof   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |  |
| Asbestos Types:   |              |                  |  |
| Other Material: Fibrous glass 20 %, Non-fibrous 80 %                  |              |                  |  |

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                                  |
|---|--------------|------------------|---|
| 236   | 117101584-76 | Yes              | 5 %   |
| Location: South End High Roof   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17      |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile 5.0 %                                      |              |                  |   |
| Other Material: Non-fibrous 95 %                                      |              |                  |   |
| 237   | 117101584-77 | Yes              | 30 %  |
| Location: South End High Roof   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17      |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile 30.0 %                                     |              |                  |   |
| Other Material: Non-fibrous 70 %                                      |              |                  |   |
| 238   | 117101584-78 | Yes              | 30 %  |
| Location: South End High Roof   |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17      |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile 30.0 %                                     |              |                  |   |
| Other Material: Non-fibrous 70 %                                      |              |                  |   |
| 239   | 117101584-79 | No               | NAD   |
| Location: South End Lower Roof Section                                |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17      |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                      |              |                  |   |
| 240   | 117101584-80 | No               | NAD   |
| Location: South End Lower Roof Section                                |              |                  | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17      |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                      |              |                  |   |
| 241   | 117101584-81 | No               | NAD   |
| Location: South End Lower Roof Section                                |              |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |              |                  |   |

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| Client No. / HGA  | Lab No.      | Asbestos Present | Total % Asbestos  |
|---|--------------|------------------|---|
| 242   | 117101584-82 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Roof Over Walkway 2nd Floor S End                           |              |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |              |                  |   |
| 243   | 117101584-83 | No               | NAD<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| Location: Roof Over Walkway 2nd Floor S End                           |              |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |              |                  |   |
| 244   | 117101584-84 | No               | NAD<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| Location: Roof Over Walkway 2nd Floor S End                           |              |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types:   |              |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |              |                  |   |
| 245   | 117101584-85 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Roof Between Walkway And Dryers                             |              |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |   |
| Other Material: Cellulose 5 %, Fibrous glass 2 %, Non-fibrous 93 %    |              |                  |   |
| 246   | 117101584-86 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Roof Between Walkway And Dryers                             |              |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |   |
| Other Material: Cellulose 5 %, Fibrous glass 2 %, Non-fibrous 93 %    |              |                  |   |
| 247   | 117101584-87 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Roof Between Walkway And Dryers                             |              |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |   |
| Other Material: Cellulose 5 %, Fibrous glass 2 %, Non-fibrous 93 %    |              |                  |   |



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                                  |
|---|--------------|------------------|---|
| 248   | 117101584-88 | Yes              | Trace (<1 %)                                      |
| Location: Roof Over Denver & Campbell Kilns                           |              |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |              |                  |   |
| 249   | 117101584-89 | Yes              | Trace (<1 %)                                      |
| Location: Roof Over Denver & Campbell Kilns                           |              |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |              |                  |   |
| 250   | 117101584-90 | Yes              | Trace (<1 %)                                      |
| Location: Roof Over Denver & Campbell Kilns                           |              |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |              |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |              |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |              |                  |   |
| 251   | 117101584-91 | Yes              | 40 %  |
| Location: Small Galbestos Root East Of Campbell Kiln                  |              |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material     |              |                  |   |
| Asbestos Types: Chrysotile 40.0 %                                     |              |                  |   |
| Other Material: Non-fibrous 60 %                                      |              |                  |   |
| 252   | 117101584-92 | Yes              | 40 %  |
| Location: Small Galbestos Root East Of Campbell Kiln                  |              |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material     |              |                  |   |
| Asbestos Types: Chrysotile 40.0 %                                     |              |                  |   |
| Other Material: Non-fibrous 60 %                                      |              |                  |   |
| 253   | 117101584-93 | Yes              | 40 %  |
| Location: Small Galbestos Root East Of Campbell Kiln                  |              |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material     |              |                  |   |
| Asbestos Types: Chrysotile 40.0 %                                     |              |                  |   |
| Other Material: Non-fibrous 60 %                                      |              |                  |   |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                           |
|---|----------------|-------------------------|---|
| 254   | 117101584-94   | Yes                     | 40 %  |
| Location: Large Section Galbestos Roof                                |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material     |                |                         |   |
| Asbestos Types: Chrysotile 40.0 %                                     |                |                         |   |
| Other Material: Non-fibrous 60 %                                      |                |                         |   |
| 255   | 117101584-95   | Yes                     | 40 %  |
| Location: Large Section Galbestos Roof                                |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material     |                |                         |   |
| Asbestos Types: Chrysotile 40.0 %                                     |                |                         |   |
| Other Material: Non-fibrous 60 %                                      |                |                         |   |
| 256   | 117101584-96   | Yes                     | 40 %  |
| Location: Large Section Galbestos Roof                                |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material     |                |                         |   |
| Asbestos Types: Chrysotile 40.0 %                                     |                |                         |   |
| Other Material: Non-fibrous 60 %                                      |                |                         |   |
| 257   | 117101584-97   | Yes                     | 5 %   |
| Location: Larger Section Galbestos Roof                               |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types: Chrysotile 5.0 %                                      |                |                         |   |
| Other Material: Non-fibrous 95 %                                      |                |                         |   |
| 258   | 117101584-98   | Yes                     | 5 %   |
| Location: Larger Section Galbestos Roof                               |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types: Chrysotile 5.0 %                                      |                |                         |   |
| Other Material: Non-fibrous 95 %                                      |                |                         |   |
| 259   | 117101584-99   | Yes                     | 5 %   |
| Location: Larger Section Galbestos Roof                               |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types: Chrysotile 5.0 %                                      |                |                         |   |
| Other Material: Non-fibrous 95 %                                      |                |                         |   |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                           |
|--|----------------|-------------------------|---|
| 260  | 117101584-100  | Yes                     | 40 %  |
| Location: Southeast Section Galbestos Roof                                     |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material              |                |                         |   |
| Asbestos Types: Chrysotile 40.0 %  |                |                         |   |
| Other Material: Non-fibrous 60 %   |                |                         |   |
| 261  | 117101584-101  | Yes                     | 25 %  |
| Location: Southeast Section Galbestos Roof                                     |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material              |                |                         |   |
| Asbestos Types: Chrysotile 25.0 %  |                |                         |   |
| Other Material: Cellulose 25 %, Non-fibrous 50 %                               |                |                         |   |
| 262  | 117101584-102  | Yes                     | 25 %  |
| Location: Southeast Section Galbestos Roof                                     |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Fibrous, Bulk Material              |                |                         |   |
| Asbestos Types: Chrysotile 25.0 %  |                |                         |   |
| Other Material: Cellulose 25 %, Non-fibrous 50 %                               |                |                         |   |
| 263  | 117101584-103  | Yes                     | 15 %  |
| Location: North End Of Kiln  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Cementitious, Bulk Material |                |                         |   |
| Asbestos Types: Chrysotile 15.0 %  |                |                         |   |
| Other Material: Non-fibrous 85 %   |                |                         |   |
| 264  | 117101584-104  | Yes                     | 15 %  |
| Location: North End Of Kiln  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Cementitious, Bulk Material |                |                         |   |
| Asbestos Types: Chrysotile 15.0 %  |                |                         |   |
| Other Material: Non-fibrous 85 %   |                |                         |   |
| 265  | 117101584-105  | Yes                     | 15 %  |
| Location: North End Of Kiln  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Fibrous, Cementitious, Bulk Material |                |                         |   |
| Asbestos Types: Chrysotile 15.0 %  |                |                         |   |
| Other Material: Non-fibrous 85 %   |                |                         |   |

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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  |
|---|---------------|------------------|---|
| 266   | 117101584-106 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Roof Over Dryers  |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |               |                  |   |
| Other Material: Cellulose 5 %, Fibrous glass 2 %, Non-fibrous 93 %    |               |                  |   |
| 267   | 117101584-107 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Roof Over Dryers  |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |               |                  |   |
| Other Material: Cellulose 5 %, Fibrous glass 2 %, Non-fibrous 93 %    |               |                  |   |
| 268   | 117101584-108 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Roof Over Dryers  |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |               |                  |   |
| Other Material: Cellulose 5 %, Fibrous glass 2 %, Non-fibrous 93 %    |               |                  |   |
| 269   | 117101584-109 | Yes              | 2 %<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| Location: Roof Over Dryers  |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile 2.0 %                                      |               |                  |   |
| Other Material: Fibrous glass 3 %, Non-fibrous 95 %                   |               |                  |   |
| 270   | 117101584-110 | Yes              | 2 %<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| Location: Roof Over Dryers  |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile 2.0 %                                      |               |                  |   |
| Other Material: Fibrous glass 3 %, Non-fibrous 95 %                   |               |                  |   |
| 271   | 117101584-111 | Yes              | 2 %<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| Location: Roof Over Dryers  |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile 2.0 %                                      |               |                  |   |
| Other Material: Fibrous glass 3 %, Non-fibrous 95 %                   |               |                  |   |

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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  |
|---|---------------|------------------|---|
| 272   | 117101584-112 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Higher Roof Over Maint Shop                                 |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |               |                  |   |
| Other Material: Fibrous glass 2 %, Non-fibrous 98 %                   |               |                  |   |
| 273   | 117101584-113 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Higher Roof Over Maint Shop                                 |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |               |                  |   |
| Other Material: Fibrous glass 2 %, Non-fibrous 98 %                   |               |                  |   |
| 274   | 117101584-114 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Location: Higher Roof Over Maint Shop                                 |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types: Chrysotile <1. %                                      |               |                  |   |
| Other Material: Fibrous glass 2 %, Non-fibrous 98 %                   |               |                  |   |
| 275   | 117101584-115 | No               | NAD<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| Location: Roof Between 2 High Sections                                |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |               |                  |   |
| 276   | 117101584-116 | No               | NAD<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| Location: Roof Between 2 High Sections                                |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |               |                  |   |
| 277   | 117101584-117 | No               | NAD<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| Location: Roof Between 2 High Sections                                |               |                  |   |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |   |
| Asbestos Types:   |               |                  |   |
| Other Material: Cellulose 5 %, Non-fibrous 95 %                       |               |                  |   |

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  |
|---|---------------|------------------|---|
| 278<br>Location: Roof<br><br>Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material<br>Asbestos Types:<br>Other Material: Cellulose 5 %, Non-fibrous 95 %                      | 117101584-118 | No               | NAD<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| 279<br>Location: Roof<br><br>Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material<br>Asbestos Types:<br>Other Material: Cellulose 5 %, Non-fibrous 95 %                      | 117101584-119 | No               | NAD<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17          |
| 280<br>Location: Roof<br><br>Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material<br>Asbestos Types: Chrysotile <1. %<br>Other Material: Fibrous glass 2 %, Non-fibrous 98 % | 117101584-120 | Yes              | Trace (<1 %)<br>(by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| 281<br>Location: Roof<br><br>Analyst Description: Black, Heterogeneous, Non-Fibrous, Roofing<br>Asbestos Types:<br>Other Material: Cellulose 80 %, Synthetic fibers 10 %, Non-fibrous 10 %    | 117101584-121 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17             |
| 282<br>Location: Roof<br><br>Analyst Description: Black, Heterogeneous, Non-Fibrous, Roofing<br>Asbestos Types:<br>Other Material: Cellulose 80 %, Synthetic fibers 10 %, Non-fibrous 10 %    | 117101584-122 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17             |
| 283<br>Location: Roof<br><br>Analyst Description: Black, Heterogeneous, Non-Fibrous, Roofing<br>Asbestos Types:<br>Other Material: Cellulose 80 %, Synthetic fibers 10 %, Non-fibrous 10 %    | 117101584-123 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17             |



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                                      |
|--|---------------|------------------|---|
| 284<br>Location: Higher Roof   | 117101584-124 | No               | NAD<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Roofing<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 20 %, Fibrous glass 15 %, Non-fibrous 65 %                        |               |                  |   |
| 285<br>Location: Higher Roof   | 117101584-125 | Yes              | 3 %<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Roofing<br><b>Asbestos Types:</b> Chrysotile 3.0 %<br><b>Other Material:</b> Cellulose 42 %, Fibrous glass 15 %, Non-fibrous 40 %       |               |                  |   |
| 286<br>Location: Higher Roof   | 117101584-126 | Yes              | 3 %<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Roofing<br><b>Asbestos Types:</b> Chrysotile 3.0 %<br><b>Other Material:</b> Cellulose 42 %, Fibrous glass 15 %, Non-fibrous 40 %       |               |                  |   |
| 287<br>Location: Roof  | 117101584-127 | Yes              | 3 %<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Roofing<br><b>Asbestos Types:</b> Chrysotile 3.0 %<br><b>Other Material:</b> Cellulose 42 %, Fibrous glass 15 %, Non-fibrous 40 %       |               |                  |   |
| 288<br>Location: Roof  | 117101584-128 | Yes              | 4 %<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material<br><b>Asbestos Types:</b> Chrysotile 4.0 %<br><b>Other Material:</b> Cellulose 20 %, Fibrous glass 15 %, Non-fibrous 61 % |               |                  |   |
| 289<br>Location: Roof  | 117101584-129 | Yes              | 3 %<br>(by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Roofing<br><b>Asbestos Types:</b> Chrysotile 3.0 %<br><b>Other Material:</b> Cellulose 20 %, Fibrous glass 10 %, Non-fibrous 67 %       |               |                  |   |

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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                               |
|--|---------------|------------------|--|
| 290  | 117101584-130 | Yes              | 15 %   |
| Location: Roof   |               |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| Analyst Description: Silver/Black, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 15.0 %  |               |                  |  |
| Other Material: Cellulose 35 %, Fibrous glass 25 %, Non-fibrous 25 %         |               |                  |  |
| 291  | 117101584-131 | Yes              | 15 %   |
| Location: Roof   |               |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| Analyst Description: Silver/Black, Heterogeneous, Non-Fibrous, Roofing       |               |                  |  |
| Asbestos Types: Chrysotile 15.0 %  |               |                  |  |
| Other Material: Cellulose 20 %, Fibrous glass 25 %, Non-fibrous 40 %         |               |                  |  |
| 292  | 117101584-132 | Yes              | 15 %   |
| Location: Roof   |               |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| Analyst Description: Silver/Black, Heterogeneous, Non-Fibrous, Roofing       |               |                  |  |
| Asbestos Types: Chrysotile 15.0 %  |               |                  |  |
| Other Material: Cellulose 20 %, Fibrous glass 25 %, Non-fibrous 40 %         |               |                  |  |
| 293  | 117101584-133 | No               | NAD  |
| Location: Roof   |               |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Roofing              |               |                  |  |
| Asbestos Types:  |               |                  |  |
| Other Material: Cellulose 55 %, Fibrous glass 20 %, Non-fibrous 25 %         |               |                  |  |
| 294  | 117101584-134 | No               | NAD  |
| Location: Roof   |               |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Roofing              |               |                  |  |
| Asbestos Types:  |               |                  |  |
| Other Material: Cellulose 55 %, Fibrous glass 20 %, Non-fibrous 25 %         |               |                  |  |
| 295  | 117101584-135 | No               | NAD  |
| Location: Roof   |               |                  | (by CVES)<br>by J. Samuel Baird<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Roofing              |               |                  |  |
| Asbestos Types:  |               |                  |  |
| Other Material: Cellulose 55 %, Fibrous glass 20 %, Non-fibrous 25 %         |               |                  |  |

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Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                             |
|---|----------------|-------------------------|---|
| 296<br><br>Location: Roof   | 117101584-136  | No                      | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 20 %, Non-fibrous 80 % |                |                         |   |
| 297<br><br>Location: Roof   | 117101584-137  | No                      | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 20 %, Non-fibrous 80 % |                |                         |   |
| 298<br><br>Location: Roof   | 117101584-138  | No                      | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 20 %, Non-fibrous 80 % |                |                         |   |
| 299<br><br>Location: Roof   | 117101584-139  | No                      | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 20 %, Non-fibrous 80 % |                |                         |   |
| 300<br><br>Location: Roof   | 117101584-140  | No                      | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 20 %, Non-fibrous 80 % |                |                         |   |
| 301<br><br>Location: Roof   | 117101584-141  | No                      | NAD<br>(by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material<br><b>Asbestos Types:</b><br><b>Other Material:</b> Cellulose 20 %, Non-fibrous 80 % |                |                         |   |

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Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                      |
|---|----------------|-------------------------|--|
| 302   | 117101584-142  | No                      | NAD  |
| Location: Roof  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                      |                |                         |  |
| 303   | 117101584-143  | No                      | NAD  |
| Location: Roof Under Metal  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                      |                |                         |  |
| 304   | 117101584-144  | No                      | NAD  |
| Location: Roof Under Metal  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                      |                |                         |  |
| 305   | 117101584-145  | No                      | NAD  |
| Location: Roof Under Metal  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 25 %, Non-fibrous 75 %                      |                |                         |  |
| 306   | 117101584-146  | Yes                     | 5 %  |
| Location: Roof Under Metal  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile 5.0 %                                      |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 75 %                      |                |                         |  |
| 307   | 117101584-147  | Yes                     | 5 %  |
| Location: Roof Under Metal  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile 5.0 %                                      |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 75 %                      |                |                         |  |

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Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                          |
|--|----------------|-------------------------|--|
| 308  | 117101584-148  | Yes                     | 5 %  |
| <b>Location:</b> Roof Under Metal  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17     |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| <b>Asbestos Types:</b> Chrysotile 5.0 %  |                |                         |  |
| <b>Other Material:</b> Cellulose 20 %, Non-fibrous 75 %                            |                |                         |  |
| 309  | 117101584-149  | Yes                     | 10 %   |
| <b>Location:</b> Roof Under Metal  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17     |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| <b>Asbestos Types:</b> Chrysotile 10.0 %   |                |                         |  |
| <b>Other Material:</b> Cellulose 15 %, Non-fibrous 75 %                            |                |                         |  |
| 310  | 117101584-150  | Yes                     | 10 %   |
| <b>Location:</b> Roof Under Metal  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17     |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| <b>Asbestos Types:</b> Chrysotile 10.0 %   |                |                         |  |
| <b>Other Material:</b> Cellulose 15 %, Non-fibrous 75 %                            |                |                         |  |
| 311  | 117101584-151  | Yes                     | 30 %   |
| <b>Location:</b> Roof Under Metal  |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| <b>Asbestos Types:</b> Chrysotile 30.0 %   |                |                         |  |
| <b>Other Material:</b> Cellulose 30 %, Non-fibrous 40 %                            |                |                         |  |
| 312  | 117101584-152  | Yes                     | 30 %   |
| <b>Location:</b> Roof Under Metal  |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| <b>Asbestos Types:</b> Chrysotile 30.0 %   |                |                         |  |
| <b>Other Material:</b> Cellulose 30 %, Non-fibrous 40 %                            |                |                         |  |
| 313  | 117101584-153  | Yes                     | 30 %   |
| <b>Location:</b> Roof Under Metal  |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| <b>Asbestos Types:</b> Chrysotile 30.0 %   |                |                         |  |
| <b>Other Material:</b> Cellulose 30 %, Non-fibrous 40 %                            |                |                         |  |

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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                                 |
|---|---------------|------------------|--|
| 314   | 117101584-154 | Yes              | 30 %   |
| Location: Roof Under Metal  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 30.0 %   |               |                  |  |
| Other Material: Cellulose 30 %, Non-fibrous 40 %                            |               |                  |  |
| 315   | 117101584-155 | Yes              | 30 %   |
| Location: Roof Under Metal  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 30.0 %   |               |                  |  |
| Other Material: Cellulose 30 %, Non-fibrous 40 %                            |               |                  |  |
| 316   | 117101584-156 | Yes              | 30 %   |
| Location: Roof Under Metal  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 30.0 %   |               |                  |  |
| Other Material: Cellulose 30 %, Non-fibrous 40 %                            |               |                  |  |
| 317   | 117101584-157 | Yes              | 20 %   |
| Location: Roof Under Metal  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 20.0 %   |               |                  |  |
| Other Material: Cellulose 35 %, Non-fibrous 45 %                            |               |                  |  |
| 318   | 117101584-158 | No               | NAD  |
| Location: Roof Under Metal  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types:   |               |                  |  |
| Other Material: Cellulose 40 %, Non-fibrous 60 %                            |               |                  |  |
| 319   | 117101584-159 | Yes              | 20 %   |
| Location: Roof Under Metal  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 20.0 %   |               |                  |  |
| Other Material: Cellulose 35 %, Non-fibrous 45 %                            |               |                  |  |

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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                                 |
|---|---------------|------------------|--|
| 320   | 117101584-160 | Yes              | 20 %   |
| Location: Roof Under Metal  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 20.0 %   |               |                  |  |
| Other Material: Cellulose 35 %, Non-fibrous 45 %                            |               |                  |  |
| 321   | 117101584-161 | Yes              | 10 %   |
| Location: Low Roof North End Section  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 10.0 %   |               |                  |  |
| Other Material: Cellulose 40 %, Non-fibrous 50 %                            |               |                  |  |
| 322   | 117101584-162 | Yes              | 10 %   |
| Location: Low Roof North End Section  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 10.0 %   |               |                  |  |
| Other Material: Cellulose 30 %, Fibrous glass 10 %, Non-fibrous 50 %        |               |                  |  |
| 323   | 117101584-163 | Yes              | 10 %   |
| Location: Low Roof North End Section  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 10.0 %   |               |                  |  |
| Other Material: Cellulose 30 %, Fibrous glass 10 %, Non-fibrous 50 %        |               |                  |  |
| 324   | 117101584-164 | Yes              | 5 %  |
| Location: Low Roof North End Section  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 5.0 %  |               |                  |  |
| Other Material: Cellulose 35 %, Non-fibrous 60 %                            |               |                  |  |
| 325   | 117101584-165 | Yes              | 5 %  |
| Location: Low Roof North End Section  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 5.0 %  |               |                  |  |
| Other Material: Cellulose 35 %, Non-fibrous 60 %                            |               |                  |  |

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Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                          |
|---|----------------|-------------------------|--|
| 326   | 117101584-166  | No                      | NAD  |
| Location: High Roof North End Section                                       |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 35 %, Fibrous glass 5 %, Non-fibrous 60 %         |                |                         |  |
| 327   | 117101584-167  | No                      | NAD  |
| Location: High Roof North End Section                                       |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 35 %, Fibrous glass 5 %, Non-fibrous 60 %         |                |                         |  |
| 328   | 117101584-168  | No                      | NAD  |
| Location: High Roof North End Section                                       |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17     |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                            |                |                         |  |
| 329   | 117101584-169  | No                      | NAD  |
| Location: Low Roof North End Section  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17     |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                            |                |                         |  |
| 330   | 117101584-170  | No                      | NAD  |
| Location: Low Roof North End Section  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17     |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                            |                |                         |  |
| 331   | 117101584-171  | No                      | NAD  |
| Location: Low Roof North End Section  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17     |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material       |                |                         |  |
| Asbestos Types:   |                |                         |  |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                            |                |                         |  |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>   | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                           |
|---|----------------|-------------------------|---|
| 332   | 117101584-172  | No                      | NAD   |
| Location: Low Roof North End Section                                  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17      |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                      |                |                         |   |
| 333   | 117101584-173  | No                      | NAD   |
| Location: Low Roof North End Section                                  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17      |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                      |                |                         |   |
| 334   | 117101584-174  | No                      | NAD   |
| Location: South End Roof  |                |                         | (by CVES)<br>by Jean L. Mayes<br>on 10/23/17      |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 20 %, Non-fibrous 80 %                      |                |                         |   |
| 335   | 117101584-175  | No                      | NAD   |
| Location: South End Roof  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 5 %, Fibrous glass 2 %, Non-fibrous 93 %    |                |                         |   |
| 336   | 117101584-176  | No                      | NAD   |
| Location: South End Roof  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 5 %, Fibrous glass 2 %, Non-fibrous 93 %    |                |                         |   |
| 337   | 117101584-177  | No                      | NAD   |
| Location: South End Roof  |                |                         | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |   |
| Asbestos Types:   |                |                         |   |
| Other Material: Cellulose 6 %, Non-fibrous 94 %                       |                |                         |   |

See Reporting notes on last page

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                                  |
|--|---------------|------------------|---|
| 338  | 117101584-178 | No               | NAD   |
| Location: South End Roof   |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material        |               |                  |   |
| Asbestos Types:  |               |                  |   |
| Other Material: Cellulose 6 %, Non-fibrous 94 %                              |               |                  |   |
| 339  | 117101584-179 | No               | NAD   |
| Location: South End Pole Building  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Yellow/Silver, Heterogeneous, Fibrous, Bulk Material    |               |                  |   |
| Asbestos Types:  |               |                  |   |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                          |               |                  |   |
| 340  | 117101584-180 | No               | NAD   |
| Location: South End Pole Building  |               |                  | (by CVES)<br>by William M. Dunstan<br>on 10/23/17 |
| Analyst Description: Yellow/Silver, Heterogeneous, Fibrous, Bulk Material    |               |                  |   |
| Asbestos Types:  |               |                  |   |
| Other Material: Fibrous glass 95 %, Non-fibrous 5 %                          |               |                  |   |
| 341  | 117101584-181 | No               | NAD   |
| Location: South End Pole Building  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17  |
| Analyst Description: Tan/Brown/Silver, Heterogeneous, Fibrous, Bulk Material |               |                  |   |
| Asbestos Types:  |               |                  |   |
| Other Material: Cellulose 25 %, Fibrous glass 60 %, Non-fibrous 15 %         |               |                  |   |
| 342  | 117101584-182 | Yes              | 65 %  |
| Location: South End Pole Building Exterior                                   |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17  |
| Analyst Description: Gray/Black, Heterogeneous, Fibrous, Bulk Material       |               |                  |   |
| Asbestos Types: Chrysotile 65.0 %  |               |                  |   |
| Other Material: Non-fibrous 35 %   |               |                  |   |
| 343  | 117101584-183 | Yes              | 65 %  |
| Location: South End Pole Building Exterior                                   |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17  |
| Analyst Description: Gray/Black, Heterogeneous, Fibrous, Bulk Material       |               |                  |   |
| Asbestos Types: Chrysotile 65.0 %  |               |                  |   |
| Other Material: Non-fibrous 35 %   |               |                  |   |

See Reporting notes on last page

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                          |
|--|----------------|-------------------------|--|
| 344  | 117101584-184  | Yes                     | 65 %   |
| Location: South End Pole Building Exterior                             |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/Black, Heterogeneous, Fibrous, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile 65.0 %                                      |                |                         |  |
| Other Material: Non-fibrous 35 %                                       |                |                         |  |
| 345  | 117101584-185  | Yes                     | 5 %  |
| Location: South End Roof   |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material  |                |                         |  |
| Asbestos Types: Chrysotile 5.0 %                                       |                |                         |  |
| Other Material: Cellulose 40 %, Non-fibrous 55 %                       |                |                         |  |
| 346  | 117101584-186  | Yes                     | 5 %  |
| Location: South End Roof   |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material  |                |                         |  |
| Asbestos Types: Chrysotile 5.0 %                                       |                |                         |  |
| Other Material: Cellulose 40 %, Non-fibrous 55 %                       |                |                         |  |
| 347  | 117101584-187  | Yes                     | 5 %  |
| Location: South End Roof   |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material  |                |                         |  |
| Asbestos Types: Chrysotile 5.0 %                                       |                |                         |  |
| Other Material: Cellulose 40 %, Non-fibrous 55 %                       |                |                         |  |
| 348  | 117101584-188  | Yes                     | 8 %  |
| Location: South  |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material  |                |                         |  |
| Asbestos Types: Chrysotile 8.0 %                                       |                |                         |  |
| Other Material: Cellulose 40 %, Non-fibrous 52 %                       |                |                         |  |
| 349  | 117101584-189  | Yes                     | 8 %  |
| Location: South  |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material  |                |                         |  |
| Asbestos Types: Chrysotile 8.0 %                                       |                |                         |  |
| Other Material: Cellulose 40 %, Non-fibrous 52 %                       |                |                         |  |

See Reporting notes on last page

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                                 |
|--|---------------|------------------|--|
| 350  | 117101584-190 | No               | NAD  |
| Location: South End Building   |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material                 |               |                  |  |
| Asbestos Types:  |               |                  |  |
| Other Material: Non-fibrous 100 %  |               |                  |  |
| 351  | 117101584-191 | Yes              | 40 %   |
| Location: Larger Out Bldg Int Wall   |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Cementitious, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 40.0 %  |               |                  |  |
| Other Material: Non-fibrous 60 %   |               |                  |  |
| 352  | 117101584-192 | Yes              | 40 %   |
| Location: Larger Out Bldg Int Ceiling  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Cementitious, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 40.0 %  |               |                  |  |
| Other Material: Non-fibrous 60 %   |               |                  |  |
| 353  | 117101584-193 | Yes              | 40 %   |
| Location: Larger Out Bldg Int Ceiling  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Cementitious, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 40.0 %  |               |                  |  |
| Other Material: Non-fibrous 60 %   |               |                  |  |
| 354  | 117101584-194 | No               | NAD  |
| Location: Larger Out Bldg Int Window Glaz  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/Black, Heterogeneous, Non-Fibrous, Bulk Material           |               |                  |  |
| Asbestos Types:  |               |                  |  |
| Other Material: Non-fibrous 100 %  |               |                  |  |
| 355  | 117101584-195 | No               | NAD  |
| Location: Larger Out Bldg Int Window Glaz  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/Black, Heterogeneous, Non-Fibrous, Bulk Material           |               |                  |  |
| Asbestos Types:  |               |                  |  |
| Other Material: Non-fibrous 100 %  |               |                  |  |

See Reporting notes on last page

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b> | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                          |
|--|----------------|-------------------------|--|
| 356  | 117101584-196  | Yes                     | 4 %  |
| Location: Larger Out Bldg Int Window Glaz                                  |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/Beige, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types: Chrysotile 4.0 %   |                |                         |  |
| Other Material: Non-fibrous 96 %   |                |                         |  |
| 357  | 117101584-197  | Yes                     | 60 %   |
| Location: Larger Out Bldg Int Duct   |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Bulk Material     |                |                         |  |
| Asbestos Types: Chrysotile 60.0 %  |                |                         |  |
| Other Material: Cellulose 35 %, Non-fibrous 5 %                            |                |                         |  |
| 358  | 117101584-198  | Yes                     | 55 %   |
| Location: Larger Out Bldg Int Duct   |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Bulk Material     |                |                         |  |
| Asbestos Types: Chrysotile 55.0 %  |                |                         |  |
| Other Material: Cellulose 35 %, Non-fibrous 10 %                           |                |                         |  |
| 359  | 117101584-199  | Yes                     | 60 %   |
| Location: Larger Out Bldg Int Duct   |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Bulk Material     |                |                         |  |
| Asbestos Types: Chrysotile 60.0 %  |                |                         |  |
| Other Material: Cellulose 35 %, Non-fibrous 5 %                            |                |                         |  |
| 360  | 117101584-200  | No                      | NAD  |
| Location: Larger Out Bldg Exterior Over Doorway                            |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Gray, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Cellulose 60 %, Non-fibrous 40 %                           |                |                         |  |
| 361  | 117101584-201  | No                      | NAD  |
| Location: Larger Out Bldg Exterior Over Doorway                            |                |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Gray, Heterogeneous, Non-Fibrous, Bulk Material |                |                         |  |
| Asbestos Types:  |                |                         |  |
| Other Material: Cellulose 60 %, Non-fibrous 40 %                           |                |                         |  |



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                                 |
|--|---------------|------------------|--|
| 362  | 117101584-202 | No               | NAD  |
| Location: Larger Out Bldg Exterior Over Doorway                                      |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Gray, Heterogeneous, Non-Fibrous, Bulk Material           |               |                  |  |
| Asbestos Types:  |               |                  |  |
| Other Material: Cellulose 60 %, Non-fibrous 40 %                                     |               |                  |  |
| 363  | 117101584-203 | Yes              | 40 %   |
| Location: Larger Out Bldg Exterior Roof  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Cementitious, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 40.0 %  |               |                  |  |
| Other Material: Non-fibrous 60 %   |               |                  |  |
| 364  | 117101584-204 | Yes              | 40 %   |
| Location: Larger Out Bldg Exterior Roof  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Cementitious, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 40.0 %  |               |                  |  |
| Other Material: Non-fibrous 60 %   |               |                  |  |
| 365  | 117101584-205 | Yes              | 40 %   |
| Location: Larger Out Bldg Exterior Roof  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray/White, Heterogeneous, Fibrous, Cementitious, Bulk Material |               |                  |  |
| Asbestos Types: Chrysotile 40.0 %  |               |                  |  |
| Other Material: Non-fibrous 60 %   |               |                  |  |
| 366  | 117101584-206 | Yes              | 4 %  |
| Location: Gas Out Bldg   |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material                 |               |                  |  |
| Asbestos Types: Chrysotile 4.0 %   |               |                  |  |
| Other Material: Non-fibrous 96 %   |               |                  |  |
| 367  | 117101584-207 | Yes              | 4 %  |
| Location: Gas Out Bldg   |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material                 |               |                  |  |
| Asbestos Types: Chrysotile 4.0 %   |               |                  |  |
| Other Material: Non-fibrous 96 %   |               |                  |  |

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                                 |
|---|-----------------|------------------|--|
| 368   | 117101584-208   | Yes              | 4 %  |
| Location: Gas Out Bldg  |                 |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Gray, Heterogeneous, Non-Fibrous, Bulk Material    |                 |                  |  |
| Asbestos Types: Chrysotile 4.0 %  |                 |                  |  |
| Other Material: Non-fibrous 96 %  |                 |                  |  |
| 369   | 117101584-209   | No               | NAD  |
| Location: Gas Out Bldg Ent Gas Line                                     |                 |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Beige/Black, Heterogeneous, Fibrous, Bulk Material |                 |                  |  |
| Asbestos Types:   |                 |                  |  |
| Other Material: Synthetic fibers 60 %, Non-fibrous 40 %                 |                 |                  |  |
| 370   | 117101584-210   | No               | NAD  |
| Location: Gas Out Bldg Ent Gas Line                                     |                 |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Beige/Black, Heterogeneous, Fibrous, Bulk Material |                 |                  |  |
| Asbestos Types:   |                 |                  |  |
| Other Material: Synthetic fibers 60 %, Non-fibrous 40 %                 |                 |                  |  |
| 371   | 117101584-211   | No               | NAD  |
| Location: Gas Out Bldg Ent Gas Line                                     |                 |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Beige/Black, Heterogeneous, Fibrous, Bulk Material |                 |                  |  |
| Asbestos Types:   |                 |                  |  |
| Other Material: Synthetic fibers 60 %, Non-fibrous 40 %                 |                 |                  |  |
| 372   | 117101584-212L1 | No               | NAD  |
| Location: Gas Out Bldg Ent Roof   |                 |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Gray, Heterogeneous, Non-Fibrous, Shingle    |                 |                  |  |
| Asbestos Types:   |                 |                  |  |
| Other Material: Fibrous glass 8 %, Non-fibrous 92 %                     |                 |                  |  |
| 372   | 117101584-212L2 | No               | NAD  |
| Location: Gas Out Bldg Ent Roof   |                 |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Green, Heterogeneous, Non-Fibrous, Shingle   |                 |                  |  |
| Asbestos Types:   |                 |                  |  |
| Other Material: Cellulose 25 %, Non-fibrous 75 %                        |                 |                  |  |

See Reporting notes on last page

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

| <b>Client No. / HGA</b>  | <b>Lab No.</b>  | <b>Asbestos Present</b> | <b>Total % Asbestos</b>                          |
|--|-----------------|-------------------------|--|
| 373  | 117101584-213L1 | No                      | NAD  |
| <b>Location:</b> Gas Out Bldg Ent Roof   |                 |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Black/Gray, Heterogeneous, Non-Fibrous, Shingle      |                 |                         |  |
| <b>Asbestos Types:</b>   |                 |                         |  |
| <b>Other Material:</b> Fibrous glass 8 %, Non-fibrous 92 %                       |                 |                         |  |
| 373  | 117101584-213L2 | No                      | NAD  |
| <b>Location:</b> Gas Out Bldg Ent Roof   |                 |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Black/Green, Heterogeneous, Non-Fibrous, Shingle     |                 |                         |  |
| <b>Asbestos Types:</b>   |                 |                         |  |
| <b>Other Material:</b> Cellulose 25 %, Non-fibrous 75 %                          |                 |                         |  |
| 374  | 117101584-214L1 | No                      | NAD  |
| <b>Location:</b> Gas Out Bldg Ent Roof   |                 |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Black/Gray, Heterogeneous, Non-Fibrous, Shingle      |                 |                         |  |
| <b>Asbestos Types:</b>   |                 |                         |  |
| <b>Other Material:</b> Fibrous glass 8 %, Non-fibrous 92 %                       |                 |                         |  |
| 374  | 117101584-214L2 | No                      | NAD  |
| <b>Location:</b> Gas Out Bldg Ent Roof   |                 |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Black/Green, Heterogeneous, Non-Fibrous, Shingle     |                 |                         |  |
| <b>Asbestos Types:</b>   |                 |                         |  |
| <b>Other Material:</b> Cellulose 25 %, Non-fibrous 75 %                          |                 |                         |  |
| 375  | 117101584-215   | No                      | NAD  |
| <b>Location:</b> Shack Next To Gas Bldg Metal Windows                            |                 |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Pink/Gray, Heterogeneous, Non-Fibrous, Bulk Material |                 |                         |  |
| <b>Asbestos Types:</b>   |                 |                         |  |
| <b>Other Material:</b> Non-fibrous 100 %   |                 |                         |  |
| 376  | 117101584-216   | No                      | NAD  |
| <b>Location:</b> Shack Next To Gas Bldg Metal Windows                            |                 |                         | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| <b>Analyst Description:</b> Pink/Gray, Heterogeneous, Non-Fibrous, Bulk Material |                 |                         |  |
| <b>Asbestos Types:</b>   |                 |                         |  |
| <b>Other Material:</b> Non-fibrous 100 %   |                 |                         |  |

Client Name: Mid Atlantic Environmental Consultants, Inc

**PLM Bulk Asbestos Report**

CEC-17-20; CEC; Newell Porcelain Plant

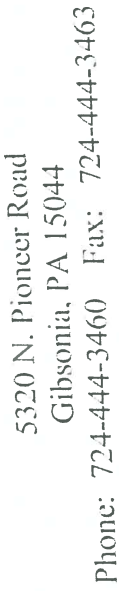
| Client No. / HGA  | Lab No.       | Asbestos Present | Total % Asbestos                                 |
|---|---------------|------------------|--|
| 377   | 117101584-217 | No               | NAD  |
| Location: Shack Next To Gas Bldg Metal Windows                            |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Pink/Gray, Heterogeneous, Non-Fibrous, Bulk Material |               |                  |  |
| Asbestos Types:   |               |                  |  |
| Other Material: Non-fibrous 100 %   |               |                  |  |
| 378   | 117101584-218 | Yes              | 60 %   |
| Location: Shack Next To Gas Bldg  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material   |               |                  |  |
| Asbestos Types: Chrysotile 60.0 %   |               |                  |  |
| Other Material: Non-fibrous 40 %  |               |                  |  |
| 379   | 117101584-219 | Yes              | 60 %   |
| Location: Shack Next To Gas Bldg  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material   |               |                  |  |
| Asbestos Types: Chrysotile 60.0 %   |               |                  |  |
| Other Material: Non-fibrous 40 %  |               |                  |  |
| 380   | 117101584-220 | Yes              | 60 %   |
| Location: Shack Next To Gas Bldg  |               |                  | (by CVES)<br>by John S. Shearwood<br>on 10/23/17 |
| Analyst Description: Black/Brown, Heterogeneous, Fibrous, Bulk Material   |               |                  |  |
| Asbestos Types: Chrysotile 60.0 %   |               |                  |  |
| Other Material: Non-fibrous 40 %  |               |                  |  |

**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.



## Chain of Custody Form

| SAMPLE | LAB ID NUMBER | TYPE OF ANALYSIS | TURNAROUND TIME |
|--------|---------------|------------------|-----------------|
| 161    |               | PM Asbestos      | Standard        |
| 380    |               |                  |                 |

Project Site: Newell Personnel Plant JN# CEC-17-20

Client / Address: CEC Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Relinquished By: Felgar Kws Date: 10-13-17 Time: 1343

Relinquished By: Alley Bevel Date: 10/13/17 Time: 2:00pm

Received By ( AmeriSci ) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

### Additional Information:

- Please indicate Mid-Atlantic's job # on all results and invoices
- Email results to [midatlantic@zoominternet.net](mailto:midatlantic@zoominternet.net)



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

117101584

Chain of Custody Form

| SAMPLE | LAB ID NUMBER | TYPE OF ANALYSIS | TURNAROUND TIME |
|--------|---------------|------------------|-----------------|
| 161    |               | PLM Asbestos     | Standard        |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
|        |               |                  |                 |
| 310    |               |                  |                 |

Project Site: Newell Amelawn Plant Sampler Signature: EJF JN# CEC-17-20  
Client / Address: CEC Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
Relinquished By: Edgar King Date: 10-13-17 Time: 1343  
Relinquished By: Alley Beed Date: 10/13/17 Time: 2:00pm  
Received By ( AmeriSci ) \_\_\_\_\_ Date: \_\_\_\_\_ Time: \_\_\_\_\_

Additional Information:

- Please indicate Mid Atlantic's job # on all results and invoices
- Email results to [midatlantic@zoominternet.net](mailto:midatlantic@zoominternet.net)

RECEIVED

OCT 16 2017

By D



## Appendix D – Accreditation





# WEST VIRGINIA

## Asbestos Program

**Edgar J. King**

IS LICENSED AS AN  
**ASBESTOS INSPECTOR**

License #: AI009156

Issued: 3/13/2017

Expires: 3/31/2018

*Walter M. Arvey*

Director  
WV OEHS



# WEST VIRGINIA

## Asbestos Program

**Timothy E. Daniels**

**IS LICENSED AS AN  
ASBESTOS PROJECT  
DESIGNER**

**License #:** AD003952  
**Issued:** 10/10/2017  
**Expires:** 10/31/2018

**Director  
WV OEHS**

*Walter M. Drury*

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**APPENDIX B**

**CONTRACTOR COST ESTIMATES**

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