



Addendum # 1

NJSDA
1 West State Street
Trenton, NJ 08625
Phone: 609-943-5955
Fax: 609-656-4642

Date: Friday, April 19, 2013

PROJECT #: CA-0004-N01 – H. B. Wilson ES

DESCRIPTION: Abatement, Demolition and Site Improvements

This addendum shall be considered part of the Bid Documents issued in connection with the referenced project. Should information conflict with the Bid Documents, this Addendum shall supersede the relevant information in the Bid Documents.

Bidders Questions:

Q1. Not having the plans/specifications at the pre-bid meeting on 04/09/13 at the site, I asked McCabe's representative to look at the summary for the asbestos work and at least have an idea what am I looking at during the walk thru. It was a two (2) page inventory of identified ACM to be abated. When I accessed NJ SDA's ftp:// site and went over the documents, I found Pages 13 & 14 of 6.0 ACM Inventory containing list and quantities that does not coincide with what I saw at the meeting. My biggest concern is the item(s) for gypsum like floor material which, if I remember correctly, was quantified to be over 30,000 SF on two floors. In the specifications as posted on your ftp: // site, such material is not identified and the 6.0 ACM Inventory is somewhat different. Please advise.

A1. With respect to the inconsistency between the quantities of Asbestos Containing Material (ACM) found in the Project Manual and Construction Plans and those found in the Appendix A of the Contract Documents entitled, "Universal Waste, Asbestos-Containing Materials and Lead Based Paint Inventory for H.B. Wilson Elementary School, 855 Woodland Avenue, Block 607, Lot 56, City of Camden, Camden County, New Jersey, dated July 20, 2012," be advised of the following:

The Project Manual and Construction Plans contain the correct scope and quantities for the removals and abatement of Asbestos Containing Material and shall be used as the basis for preparing cost proposals for the project.

All reference to ACM quantities in Appendix A of the Contract Documents entitled, "Universal Waste, Asbestos-Containing Materials and Lead Based Paint Inventory for H.B. Wilson Elementary School, 855 Woodland Avenue, Block 607, Lot 56, City of Camden, Camden County, New Jersey," dated July 20, 2012 are amended by the supplemental report entitled "Limited Asbestos and Lead-Based Paint Inspection Report", dated September 12, 2012, (attached without Asbestos Laboratory Certificates of Analysis and sample chain of Custody Forms).

Q2. Will there be another opportunity to visit site?

A2. Immediately following the mandatory pre-bid there was a mandatory walk through site visit. The mandatory pre-bid attendees requested and were given opportunity for a second site visit, which was held on April 11, 2013. There will be no other site visit for this project.

End of Addendum No. 1

Submitted By:



Michael Anselmo,
Deputy Director Program Operations

April 19, 2013

Date



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Acknowledgement of Receipt of Addendum

Contractor must acknowledge the receipt of the Addendum by signing in the space provided below and transmitting via fax to 609-656-4642, or scan/email to: djohnson@njsda.gov Attn: Daryl Johnson.

Signed acknowledgement must be received prior to the Bid Due Date. Acknowledgement of the Addendum must be made in Section E.6 of the Price Proposal Submission.

Signature

Print Name

Company Name

Date



McCABE ENVIRONMENTAL SERVICES, L.L.C.

464 Valley Brook Avenue • Lyndhurst, NJ 07071 • Phone: (201) 438-4839 / Fax: (201) 438-1798

Limited Asbestos and Lead-Based Paint Inspection Report

Conducted at:

H. B. Wilson Elementary School
Camden, New Jersey 08014

Prepared for:

French & Parrello Associates, PA
1800 Route 34, Suite 101
Wall, New Jersey 07719

Prepared by:

McCabe Environmental Services, L.L.C.
464 Valley Brook Avenue
Lyndhurst, New Jersey 07071

Report Date: September 12, 2012
Project Number: 12-02045

Prepared and Signed for the Company by:

John H. Chlaviello
Vice President

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APPENDICES

APPENDIX A

Asbestos Laboratory Certificates of Analysis and
Sample Chain of Custody Forms

APPENDIX B

Lead-Based Paint Historical Information -- Mandell Lead Inspectors, Inc. 2003 Report
And XRF Data

APPENDIX C

Historical Information-Asbestos Reports
Testwell Craig Testing Laboratories, Inc. 1989 AHERA Management Plan;
and
Testwell Craig Testing Laboratories, Inc, Yr. 1992;
Honeyford & Smith Engineering, Yr. 2000
3-Year Re-inspection Reports

APPENDIX D

Personnel and
Firm Licenses

McCabe Environmental Services, L.L.C.

Client: French & Parelo Associates, PA

Date: September 12, 2012
Project Number: 12-02045

1.0 EXECUTIVE SUMMARY

McCabe Environmental Services, L.L.C. conducted a limited asbestos and lead-based paint investigation at the following location for the New Jersey Schools Development Authority, DOE Project # 0680-350-01-0938.

Site: H. B. Wilson Elementary School (Block 607, Lot 56)
9th and Florence Street, Camden, New Jersey

The inspection was conducted for the presence of asbestos-containing materials and lead-based paint for the demolition of the above property. A summary of our findings is as follows:

Asbestos Containing Materials

Asbestos was identified in several building materials and in various locations within the H. B. Wilson School. The materials and their relevant information have been summarized below:

- Asbestos floor tiles have been identified in the historical documents and have been confirmed through field sampling and laboratory analysis. These floor tiles are located beneath new floor coverings such as non-asbestos floor tile and carpeting. Asbestos lightweight concrete floor fill has also been found below the floor tiles.
- Asbestos capstone, capstone caulk, capstone joint tar, roofing material, reglet caulk, reglet flashing, door caulks, exterior lintel caulk, incinerator debris, corrugated pipe insulation, chalkboard mastic, sill putty, duct insulation, and window caulks were identified in the building.
- Inaccessible and thus assumed asbestos containing materials include the metal fire doors, some of which have been removed by vandals and are now no longer on site.

Lead-Based Paint

Lead-based paint has been identified on numerous different building components and structures throughout the Elementary School. In addition, the pump houses located in the northeast corner of the lot were tested.

- Testing has concluded that the plaster walls have lead-based paint. Positive test results were collected from various locations throughout the building.
- Stair components, including treads, risers, stringers and handrails all tested positive for lead-based paint.
- Stairwell transom doors tested positive for lead-based paint.
- Doors and door moldings located within the Boiler Room tested positive for lead-based paint.
- Door lintels tested positive for lead-based paint.
- Crown molding tested positive for lead-based paint.
- Mechanical ducting, vents, piping and pipe covers in various rooms all tested positive for lead-based paint.

McCabe Environmental Services, L.L.C.

Client: French & Parrello Associates, PA

Date: September 12, 2012

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- The school has aluminum clad replacement windows over old sills and other components. These surfaces are negative and not painted with lead-based paint. Most have been removed and there are no painted components beneath them.
- Window and door lintels tested positive for lead-based paint.
- The flagpole located on the northwest side of the School lot tested positive for lead-based paint.
- Inside the pump houses the piping tested positive for lead-based paint.

2.0 INTRODUCTION:

In response to French & Parrello Associates, P.A request, McCabe Environmental Services, L.L.C. conducted a limited asbestos, and lead-based paint investigation at the following location for the New Jersey Schools Development Authority:

Site: H. B. Wilson Elementary School (Block 607, Lot 56)
9th and Florence Street, Camden, New Jersey

Client: French & Parrello Associates, P.A.

Contact Person: Mr. Keith Smith

Current Project No: 12-02045

The inspection was conducted for the presence of asbestos-containing and lead-based painted materials for the demolition of the above property.

Date of site investigations and report preparation:

Site Visits: January 27, 2003
February 6, 2003
February 14, 2003
May 26, 2005
June 8, 2005
August 26, 2008
August 27, 2008
September 23, 2008
May 28, 2012
May 29, 2012
May 30, 2012
June 25, 2012
August 29, 2012

Report Date: September 12, 2012

File Search and Historical Data Review

McCabe Environmental Services had performed three prior limited surveys at H.B. Wilson in 2003, 2005, and 2008. At that time McCabe Environmental Services was provided with the original AHERA Inspection and Management Plans conducted by Testwell Craig Testing Laboratories, Inc. dated 1989. During the most recent site inspections, all previous reporting was reviewed.

Field Procedures and Analysis Methodology:

The intent of this limited asbestos investigation was to perform sampling based on the requirement for non-friable organically bound materials (NOB's) to be analyzed by transmission electron microscopy (TEM) if determined negative by PLM in accordance with BPA600/R-93/116. This requirement became effective in 2007, after McCabe's previous asbestos investigations. The intent also was to gain access to some of the inaccessible areas identified in the previous investigations. During the last investigation, McCabe was able to collect additional samples from inaccessible areas requiring destructive sampling.

Guidelines used for the asbestos inspection were established by the Environmental Protection Agency (EPA) in the Guidance for Controlling Asbestos Containing Materials in Buildings, Office of Pesticides and Toxic Substances, DOC #560/5-85-024 and 40 CFR Part 763, Asbestos Hazard Emergency Response Act (AHERA).

Field information was organized as per the AHERA concept of Homogeneous Area (HA). A HA is defined as a suspect material of similar age, appearance, function and texture. Each material was grouped together as a specific HA, sampled and then sampled accordingly.

Bulk samples of suspect ACM were analyzed by Polarized Light Microscopy (PLM) with dispersion staining, as described in 40 CFR Part 763 and the National Emissions Standard for Hazardous Air Pollutants (NESHAPS) EPA600/R-93/116. Furthermore, non-friable organically bound materials were analyzed via PLM in accordance with the BPA600/R-93/116. All NOB materials, as well as wall and ceiling plasters, found to be negative were further analyzed via TEM per Chatfield Method. Samples were collected from accessible building materials discovered during our investigation. These materials, if positive for asbestos, would have to be abated in accordance with all applicable New Jersey and federal regulations. This same testing strategy was employed when testing for lead-based paint.

3.0 GENERAL BUILDING DESCRIPTION

The building is a three-story building, plus a basement boiler room, built between approximately 1907. The school also includes the south addition, constructed in approximately 1919. The exterior of the original building is brick and mortar construction with a peaked roof. There are two flat roofs located over the multipurpose room and a flat, built-up roof over the south addition. The windows were replaced with newer aluminum windows. The current condition of the School is that it has been heavily vandalized with various materials stolen, destroyed and/or demolished.

The buildings interior is comprised of brick and plaster walls and ceilings. The floor and decks are poured concrete and/or wood slabs. The plaster walls and ceilings, and wood or metal doors and doorframes are painted. Floors contain various types of coverings including wood, lightweight concrete sub-base, floor tiles and carpeting. Additional materials include ceiling tiles, thermal system insulations. The basement boiler room houses two boilers, a water heater, water pumps and water storage tanks. The School used a multi-purpose room that functioned as the gymnasium, auditorium and lunchroom.

The exterior suspect building materials that were observed include brick mortars, built-up roofing, and capstone, reglet, door, window, and lintel caulks or sealants. The surrounding parking lot of the building is asphalt and appears to have been applied as one application. There are two exterior pump houses located adjacent to S 9th Street. The north pump house building is divided into two rooms, each with its' own exterior entrance door. There is no interior door connecting the two rooms.

4.0 SCOPE OF WORK:

All accessible areas of H. B. Wilson Elementary School were inspected for the presence of suspect asbestos containing materials, which will be affected by the proposed demolition project. The limited inspection was characterized by a historical document review and a close visual inspection with limited sampling of all accessible areas, and building components, that were visible, uncovered and accessible during our investigation.

We did not perform an exhaustive investigation and testing of materials that may be present in the buildings. Sample collection was based on standard sampling and analytical protocols as recommended by the United States Department of Environmental Protection and the State of New Jersey.

McCabe Environmental Services, L.L.C.

Client: Franch & Parrillo Associates, PA

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5.0 SUMMARY OF ASBESTOS INSPECTION RESULTS

Proposed Work	Homogeneous Material ID #	Location(s)	Material Description	No. of Samples	Results (Percent ACM)
Demolition	19B	Throughout Building	Pipe Joint Insulation	3	None Detected
Demolition	20A	Throughout Building	Pipe Jacket to Fiberglass Insulation	2	None Detected
Demolition	36A.&B	Throughout Building	Wall Plaster	2	None Detected
Demolition	46A, 87	Throughout Building	2' x 4' White Textured Ceiling Tile	4	None Detected
Demolition	46B, 91	Throughout Building	2' x 4' White Fissured Ceiling Tile	3	None Detected
Demolition	54	Rooms - 100, 101 (Green - beneath gypcrete); 105 (Brown - beneath gypcrete); 107, 109 (Teal - beneath wood); 201 (Green - in closet); 203 (Green - beneath wood); 205 (Green - beneath carpet in closet); 301, 302, 303, 304, 305, 307, 309 (Green - beneath Red Tile); 306, 308 (Beige - beneath Red Tile), 3 rd Floor Hallway/Stairwell	9" x 9" Floor Tile-All Colors	2	2% Chrysotile
Demolition	55	Various Rooms Throughout School	12" x 12" Floor Tile	5	None Detected
Demolition	88	Various Locations	4" Cove Molding	3	None Detected
Demolition	103	Exterior Parking Lot/Playground	Asphalt	7	None Detected
Demolition	1	South Flat Roof	South Flat Roof Built Up Roofing	2	None Detected
Demolition	2	South Flat Roof	Flashing	2	None Detected
Demolition	3	Gym Roof	Built Up Roofing	2	None Detected
Demolition	4	Gym Roof	Flashing	2	1.1% Chrysotile
Demolition	5	North Peaked Roof	Roof Shingle	2	None Detected

McCabe Environmental Services, L.L.C.

Client: French & Parrillo Associates, PA

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Proposed Work	Homogeneous Material ID #	Location(s)	Material Description	No. of Samples	Results (Percent ACM)
Demolition	6	North Peaked Roof	Tar Paper	2	None Detected
Demolition	7	Kitchen Roof	Roofing	2	None Detected
Demolition	8	Exterior Joint Caulk At Corner Kitchen Entrance	Joint Caulk	2	None Detected
Demolition	9	Exterior Door Opening	Door Caulk	2	2.2 % Chrysotile
Demolition	10	Exterior Windows	Window Caulk	2	None Detected
Demolition	11	Exterior Lintels	Exterior Lintel Caulk	2	4.6 % Chrysotile <0.5 % Anthophyllite
Demolition	12	Exterior Façade	Exterior Caulk at White Blocks	2	None Detected
Demolition	13	Throughout	Light Blue 12"x12" VAT	2	None Detected
Demolition	14	Throughout	White 12"x12" VAT	2	None Detected
Demolition	15	Rooms - 100, 101 (Office), 105, 106, 107, 108, 109, 201, 202, 203, 204, 205, 206, 207, 208, 209	Mastic to Light Blue and White VAT	2	4.0 % Chrysotile
Demolition	16	Throughout	Beige 12"x12" VAT	2	None Detected
Demolition	17	Throughout	Mastic to Beige 12"x12" VAT	2	None Detected
Demolition	18	3 rd Floor	Red 12"x12" VAT	2	None Detected
Demolition	19	All rooms and Hallways, Stairways on the 3 rd Floor	Mastic to Red 12"x12" VAT	2	3.7 % Chrysotile
Demolition	20	3 rd Floor Under Green 9"x9" VAT	Mastic Paper	2	None Detected
Demolition	21	2 nd Floor Hallway	Red Flooring Under Beige 12"x12" VAT	2	Non-Asbestos <0.4% Chrysotile
Demolition	22	2 nd Floor	Leveling Compound	2	None Detected
Demolition	23	Throughout	Black Cove Base	2	None Detected
Demolition	24	Kindergarten Room 105	Brown Cove Base	2	None Detected
Demolition	25	Throughout	Mastic to Black Cove Base	2	None Detected

McCabe Environmental Services, L.L.C.

Client: French & Parrello Associates, PA

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Proposed Work	Homogeneous Material ID #	Location(s)	Material Description	No. of Samples	Results (Percent ACM)
Demolition	26	Kindergarten Room 105	Mastic to Brown Cove Base	2	None Detected
Demolition	27	Stairwells	Vinyl Stair Tread	2	None Detected
Demolition	28	Stairwells	Mastic to Vinyl Stair Tread	2	None Detected
Demolition	29	1 st , 2 nd , and 3 rd Floors - 1907 & 1919 Buildings Rooms - 100, 101 (Green - beneath gypcrete); 105 (Brown - beneath gypcrete); 107, 109 (Teal - beneath wood); 201 (Green - closet); 203 (Green - beneath wood); 205 (Green - beneath carpet in closet); 301, 302, 303, 304, 305, 307, 309 (Green - beneath Red Tile); 306, 308 (Beige - beneath Red Tile); Hallways and Stairwells	Mastic to 9"x9" VAT	2	2.5% Chrysotile
Demolition	30	1 st and 2 nd Floors	Carpet Mastic	2	None Detected
Demolition	31	Bathrooms	Mortar Bed To Ceramic Tiles	2	None Detected
Demolition	32	Bathrooms	Ceramic Tiles	2	None Detected
Demolition	33	Throughout	Drywall	2	None Detected
Demolition	34	Throughout	Spackle	2	None Detected
Demolition	35	Auditorium Stage	Auditorium Stage Sound Proofing Panel	2	None Detected
Demolition	36	Basement Non-Working Electrical Box	Original Electrical Wire Insulation	2	None Detected
Demolition	37	Basement	Flue Packing on Old Exhaust	2	None Detected
Demolition	38	Basement Boiler Room	Boiler Door Gasket	2	None Detected
Demolition	39	Basement Boiler Room	Boiler Internal Packing	3	None Detected
Demolition	40	Boiler Room	Pipe Joint Insulation	2	None Detected
Demolition	41	Boiler Room Boiler	Boiler External Packing Insulation	3	None Detected

McCabe Environmental Services, L.L.C.
 Client: French & Parello Associates, P.A.

Date: September 12, 2012
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Proposed Work	Homogeneous Material ID #	Location(s)	Material Description	No. of Samples	Results (Percent ACM)
Demolition	42	Basement Boiler Room	Red Floor Paint	2	None Detected
Demolition	43	Basement Boiler Room	White Wall Paint	2	None Detected
Demolition	44	Stairwell Landings Back Stairs	Red Flooring	2	None Detected
Demolition	45	Basement Boiler Room	Block Wall	2	None Detected
Demolition	46	Basement Throughout	Mortar to Block Wall	2	None Detected
Demolition	47	North Peaked Roof	Vent Caulk	2	None Detected
Demolition	48	Inside Boiler Room Incinerator	Incinerator Debris	2	50% Chrysotile
Demolition	49	Inside Boiler Room Incinerator	Incinerator Internal Block	2	None Detected
Demolition	50	Exterior Above Front Door	Exterior Stucco	3	Non-Asbestos .5% Chrysotile
Demolition	51	1907 Building	Exterior Brick Mortar	2	None Detected
Demolition	52	1919 Building	Exterior Brick Mortar	2	None Detected
Demolition	53	Exterior Facade	Capstone and Fascia Stones	2	None Detected
Demolition	54	Within Ceiling Cavity 1907 & 1919 Buildings	Corrugated Pipe Insulation	3	50% Chrysotile
Demolition	55	Custodians Office	Pipe Fitting Insulation Older Insulation	3	None Detected
Demolition	56	Throughout	Ceiling Plaster Scratch Coat	7	None Detected
Demolition	57	Throughout	Ceiling Plaster Top Coat	7	None Detected
Demolition	58	1 st Level Stage Floor	Nail Crete	3	None Detected
Demolition	59	1 st Level Interior Vent at Gym	Plaster (Single Coat)	3	None Detected
Demolition	60	1 st Level Below Stage	Concrete	3	None Detected
Demolition	61	1 st Level Gym Floor	Nail Crete	3	None Detected
Demolition	62	1 st Level Room 101 Floor	Corkboard Mastic	3	None Detected
Demolition	63	1 st Level Room 101 Floor	12" x 12" Gray Floor Tile With Yellow Mastic	3	None Detected

McCabe Environmental Services, L.L.C.
 Client: French & Parnello Associates, P.A.

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Proposed Work	Homogeneous Material ID #	Location(s)	Material Description	No. of Samples	Results (Percent ACM)
Demolition	64	1 st Level East Stairwell South Addition	Stair Thread Mastic	3	None Detected
Demolition	65	Interior Doors-1919 Building	Fire Door Insulation	3	None Detected
Demolition	66	2 nd Floor 1919 Addition South Window Sill	Window Sill Leveling Cement	3	None Detected
Demolition	67	3 rd Floor 1907 Building North East Room Window Sill	Window Sill Leveling Cement	3	None Detected
Demolition	68	Interior Doors-1907 Building	Fire Door Insulation	3	None Detected
Demolition	69	1 st Floor 1907 Building Room 109	Chalk Board Mastic	3	None Detected
Demolition	70	1 st Floor 1907 Building Room 109 Wall	Pyrobar Gypsum Block	3	None Detected
Demolition	71	1 st Floor 1907 Building Room 109 Wall	Pyrobar Mortar	3	None Detected
Demolition	72	1 st Floor 1907 Building South East Storage Room	Vent Plaster	3	None Detected
Demolition	73	1 st Floor 1907 Building Hallway	Chute Interior Lining	3	None Detected
Demolition	74	1 st Floor 1907 Building Hallway	Chute Outer Insulation	3	None Detected
Demolition	75	Basement Boiler Room	Boiler Woven Gasket	3	Non-ACM
Demolition	76	Basement Boiler Room	Boiler Rib Packing	3	None Detected
Demolition	77	Basement Furnace	Fire Brick	3	None Detected
Demolition	78	2 nd Floor 1919 Addition Bathroom	Blue Ceramic Tile Mortar Bed	3	None Detected
Demolition	79	2 nd Floor 1919 Addition Bathroom	Green Ceramic Tile Mortar Bed	3	None Detected
Demolition	80	1919/1907 Buildings All Floor Levels	Sill Putty to Aluminum Sill Panning	3	1.8% Chrysotile
Demolition	81	1 st Floor 1907 Wing Hallway	Floor Materials	3	None Detected
Demolition	82	3 rd Floor 1907 Wing Floor	Vapor Barrier Beneath Wood Floor	3	None Detected
Demolition	83	3 rd Floor 1907 Wing Floor	Floor Leveling Compound	3	None Detected

McCabe Environmental Services, L.L.C.

Client: French & Parello Associates, PA

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Proposed Work	Homogeneous Material ID #	Location(s)	Material Description	No. of Samples	Results (Percent ACM)
Demolition	84	Inside Walls, Chases, Ceilings in Rooms 106, 109, 206, 208, 209, 306, 308, 309, and the 1907 first floor Hallway Above Ceiling.	Duct Insulation	3	35% Chrysotile
Demolition	85	1 st Floor 1907 Wing Classroom with Chimney	Furnace Debris	3	None Detected
Demolition	87	3 rd Floor 1907 Wing Hallway	Ceiling Tile	2	None Detected
Demolition	88	3 rd Floor 1919 Wing Hallway Power Panel	Wire Insulation	3	Non-ACM
Demolition	89	3 rd Floor 1919 Wing Classroom Wall	Pyrobar Block	3	None Detected
Demolition	90	3 rd Floor 1919 Wing Classroom Wall	Pyrobar Block Mortar	3	None Detected
Demolition	91	3 rd Floor 1919 Wing Hallway Ceiling	Ceiling Tile	2	None Detected
Demolition	92	3 rd Floor 1919 Wing Roof Access	Concrete Roof Deck	3	None Detected
Demolition	93	Basement Boiler Room	Incinerator Duct Sealant	3	None Detected
Demolition	94	Gymnasium	Ceiling Plaster	5	None Detected
Demolition	95	All 1907 Building Ceilings	Ceiling Plaster	7	Non-ACM
Demolition	96	All 1919 Addition Ceilings	Ceiling Plaster	7	Non-ACM
Demolition	97	1919 Wing Rooms - 105, 203, 204, 205, 303, 304, 305, All Stairwells, Closets, Hallways & Vestibules	White lightweight concrete floor sub-base (gypcrete)	7	1.50% Chrysotile
Demolition	98	1919 Wing Rooms - 100, 101, Main & Principals Office, 201, 202, 203, 301, 302, 303 All Stairwells, Closets, Hallways & Vestibules	Pink lightweight concrete floor sub-base (gypcrete)	7	1.50% Chrysotile
Demolition	99	1907 Wing Floors - 206, 207, 306	White lightweight concrete floor sub-base (gypcrete)	7	Non-ACM
Demolition	100	1907 Wing Floors - 107, 108, 109, 208, 209, 307, 308, 309, Stairwells, Closets & Hallways	Pink lightweight concrete floor sub-base (gypcrete)	7	1.11% Chrysotile

McCabe Environmental Services, L.L.C.

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Proposed Work	Homogeneous Material ID #	Location(s)	Material Description	No. of Samples	Results (Percent ACM)
Demolition	101	1907 Wing Floors - 106	Grey lightweight concrete floor sub-base (gyperete)	3	None Detected
Demolition	102	Exterior & Boiler Metal Doors	Fire Door Insulation	0	Assumed ACM
Demolition	P1	South Pump Building Exterior	Exterior Door Caulk	2	5.2% Chrysotile
Demolition	P2	South Pump House	Block	2	None Detected
Demolition	P3	South Pump House	Brick	2	None Detected
Demolition	P4	South Pump House	Block Mortar	2	None Detected
Demolition	P5	South Pump House	Brick Mortar	2	None Detected
Demolition	P6	South Pump House	Concrete Skim on Brick	2	None Detected
Demolition	P7	North Pump House	Block	2	None Detected
Demolition	P8	North Pump House	Block Mortar	2	None Detected
Demolition	P9	North Pump House Interior Center Door	Interior Caulk	2	None Detected
Demolition	P10	North Pump House Exterior Center Door	Exterior Door Caulk	2	2.7% Chrysotile
Demolition	P11	North Pump House Exterior North Door	Exterior Door Caulk	2	2.2% Chrysotile
Demolition	P12	North Pump House Brick	Brick	2	None Detected
Demolition	P13	North Pump House	Brick Concrete Skim Coat	2	None Detected
Demolition	P14	North Pump House	Brick Mortar	2	None Detected
Demolition	P15	South Pump House Roof	Built up Roofing (BUR)	2	None Detected
Demolition	P16	South Pump House Roof	Capstone Joint Tar	2	12.8% Chrysotile
Demolition	P17	South Pump House Roof	Roof Core	2	2.3% Chrysotile
Demolition	P18	North Pump House Roof	Built Up Roof (BUR)	2	None Detected
Demolition	P19	North Pump House Roof	Capstone Joint Tar	2	10.8% Chrysotile
Demolition	P20	North Pump House Roof	Roof Core	2	4.5% Chrysotile

McCabe Environmental Services, L.L.C.

Client: French & Parrello Associates, PA.

Date: September 12, 2012

Project Number: 12-02045

6.0 ASBESTOS CONTAINING MATERIALS INVENTORY

Laboratory analysis confirmed samples from the following material to contain greater than 1 % asbestos:

Proposed Work	Location(s)	Material Description	Estimated Quantity	Results (Percent ACM)
Demolition	Gym Roof	Flashing	900 S.F.	1.1 % Chrysotile
	Exterior Door Openings	Exterior Door Caulk	200 L.F.	2.2 % Chrysotile
	Exterior Lintels	Exterior Lintel Caulk	550 L.F.	4.6 % Chrysotile <0.5% Anthophyllite
	1 st , and 2 nd Floors - Rooms - 106, 107, 108, 109, 201, 202, 203, 204, 205, 206, 207, 208, 209	Light Blue & White 12"x12" Floor Tile & Mastic	13, 660 S.F.	4.0 % Chrysotile
	All Rooms, Stairways, and Hallways on the 3 rd Floor	Red 12"x12" Floor Tile & Mastic	15,000 S.F.	3.7% Chrysotile
	Inside Boiler Room Incinerator	Incinerator Debris	150 S.F.	50% Chrysotile
	Within Suspended Ceiling Cavities and Inside Walls on All levels, and in the Basement Coal Storage Room	Corrugated Pipe Insulation & Debris	900 L.F.	50% Chrysotile
	Rooms - 100, 101 (Green - beneath gypcrete); 105 (Brown - beneath gypcrete); 107, 109 (Teal - beneath wood); 201 (Green - in closet); 203 (Green - beneath wood); 205 (Green - beneath carpet in closet); 301, 302, 303, 304, 305, 307, 309 (Green - beneath Red Tile); 306, 308 (Beige - beneath Red Tile); All Hallways/Stairwells	All 9" x 9" Floor Tile & Mastic	15,000 S.F.	2-2.5% Chrysotile
	1919 Wing-Room 100, 101, 102 (Main & Principals Offices), 105, 201, 202, 203 (Nurse), 204, 205, 301, 302, 303, 304, 305, and All Stair Landings, & All Hallways Vestibules and Lobby's	White & Pink Lightweight Concrete Floor Sub-base (gypcrete)	19,200 S.F.	1.5% Chrysotile
	1907 Wing- Room 107, 108, 109, 208, 209, 307, 308, 309, and All Stair Landings, & All Hallways, Vestibules and Lobby's	Pink Lightweight Concrete Floor Sub-base (gypcrete)	10,800 S.F.	1.1% Chrysotile
	Interior & Exterior -Throughout School	Interior & Exterior Window Caulk	2,500 L.F.	3% Chrysotile
	1919 Building Flat Roof	Capstone Caulk	800 L.F.	3% Chrysotile
	1919 Building Flat Roof	Capstone Caulk W/Black Tar	110 L.F.	3% Chrysotile
	Gym Roof	Capstone Caulk	250 L.F.	3% Chrysotile
	Gym Roof	Reglet Caulk	290 L.F.	3% Chrysotile
	Throughout Building	Chalkboard & Corkboard Mastic	2,200 S.F.	14.4% Chrysotile
1907 Building & 1919 Addition at Aluminum Sills	Sill Putty	100 L.F.	1.8% Chrysotile	

Proposed Work	Location(s)	Material Description	Estimated Quantity	Results (Percent ACM)
	Inside Walls, Chases, Ceilings in Rooms 106, 109, 206, 208, 209, 306, 308, 309, and the 1907 first floor Hallway Above Ceiling.	Duct Insulation	700 S.F	35% Chrysotile
	Exterior Exit & Boiler Room Metal Doors	Fire Door Insulation	10 Doors	Assumed ACM
	South Pump House Exterior Door	Exterior Door Caulk	50 L.F	.5.2% Chrysotile
	North Pump House Exterior Doors	Exterior Door Caulk	100 L.F	2.2% - 2.7% Chrysotile
	South Pump House Roof	Capstone Joint Tar	80 L.F	12.8% Chrysotile
	South Pump House Roof	Roofing Materials	150 S.F.	2.3% Chrysotile
	North Pump House Roof	Capstone Joint Tar	100 L.F.	10.8% Chrysotile
	North Pump House Roof	Roofing Materials	250 S.F	4.5% Chrysotile

7.0 SUMMARY OF LEAD-BASED PAINT INSPECTION RESULTS-H. B. WILSON
ELEMENTARY SCHOOL

Lead-based paint has been identified on numerous different building components and structures throughout the Elementary School. The United States Department of Housing and Urban Development, HUD, Guidelines require that if we obtain positive test results of 15% for a single building component that we must assume and treat the entire component as lead-based paint throughout the building. The components that tested greater than 15% positive along with other relevant information have been summarized below:

1. Doors and Door Moldings-Boiler Room
2. Stairwell Transoms
3. Plaster Walls
4. Window and Door Lintels
5. Stair Treads, Risers, Stringers, and Handrails etc.
6. Ceiling Moldings
7. Ceilings
8. Closet Walls
9. Exterior Flagpole
10. Mechanical Ducts, Vents and Heating Pipes and Pipe Covers
11. Pipes and associated components in Pump Houses

Materials that were tested and did not exceed the 1.0 mg/cm² action level, or tested positive in less than 15% of the number tested:

1. Baseboards
2. Window Molding
3. Doors and
4. Closet Shelf
5. Floors
6. Radiators
7. Chair Rails
8. Ceilings

9. Built-In Shelf
10. Column
11. Railing
12. Boiler
13. Conduit
14. Electrical Panels
15. Thresholds
16. Elevator Door and Casing
17. Picture Moldings
18. Blackboard
19. Walls, Window Components, and Door Components in Pump Houses

8.0 CONCLUSIONS AND RECOMMENDATIONS:

Several different types of asbestos-containing materials, which may be affected by the demolition work, have been positively identified at various locations throughout the H. B. Wilson Elementary School. The identified ACM will be disturbed by the proposed demolition work and proper asbestos abatement procedures must be implemented prior to the commencement of such work. Those materials that were inaccessible should be assumed to be asbestos-containing. All asbestos abatement work must be performed in accordance with all applicable Federal, State and local rules and regulations. The abatement project must be filed with all agencies having jurisdiction over this project, such as the New Jersey Department of Labor, Department of Community Affairs, Department of Environmental Protection and the United States Environmental Protection Agency. A licensed asbestos abatement contractor must perform the removal of all ACM.

Several different types of building materials were determined to be coated with lead-based paint. These materials and/or surfaces, which will be affected by the scope of work, have been identified at various locations throughout the school building. The identified LBP will be disturbed by the proposed demolition work and proper lead-based paint abatement procedures must be implemented prior to the commencement of such work. All lead-based paint abatement work shall be performed in accordance with all applicable Federal, State and Local rules and regulations. The abatement project shall be filed with all agencies having jurisdiction over this project, such as the New Jersey Department of Labor, Department of Community Affairs, Department of Environmental Protection and the United States Environmental Protection Agency.