

Pre-Renovation Regulated Building Materials Inspection



Location:

156 Fall Street Seneca Falls, New York 13148

Prepared for:

Finger Lakes Regional Land Bank 1 DiPronio Drive Waterloo, New York 13165

LaBella Project No. 2192346

August 2019

300 State Street, Suite 201 | Rochester, NY 14614 | p 585-454-6110 | f 585-454-3066 www.labellapc.com

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I. PROJECT DESCRIPTION

In accordance with current regulations, LaBella Associates, D.P.C. (LaBella) conducted a Pre-Renovation Regulated Building Materials (RBM) Inspection of the residential property located at 156 Fall Street in Seneca Falls, New York. The objective was to identify suspect RBMs, such as Asbestos-Containing Materials (ACM), Lead-Based Paint (LBP) and PCB-containing caulking and glazing compounds which may require abatement or removal prior to or during renovation due to applicable regulations.

Materials and locations understood to be impacted by this project were determined from information provided by Finger Lakes Regional Land Bank.

II. INSPECTION PROCEDURES

The following procedures were used to obtain the data for this Report:

- A. Existing documentation was requested for review. No record drawings or documentation of previously completed inspections were made available.
- B. A visual inspection of the interior, exterior and roofing system of the buildings was conducted to identify visible and accessible sources of the above referenced suspect RBMs.
 Photographs captured during this inspection are attached in Appendix C.
- C. Bulk samples of accessible RBMs were collected and submitted for laboratory analysis.
- D. Asbestos samples were submitted for laboratory analysis. Preliminary Polarized Light Microscopy analyses of non-friable, organically bound (NOB) materials were performed by LaBella Laboratories, a NYSDOH accredited laboratory, to determine the presence and percentage of asbestos in each sample. Transmission electron microscopy analyses of NOB materials, if necessary, were performed by AMA Laboratories.
- E. Results of the laboratory analyses, field testing and the visual on-site inspection were compiled and summarized.



III. INSPECTION LIMITATIONS

This inspection was conducted in accordance with generally accepted environmental engineering practices for this region. Collection of bulk samples of suspect RBMs was limited to those materials readily accessible using hand tools or hand-held power tools. Homogeneous materials were identified and located based on visual observation from readily accessible points. The data derived from representative samples of any given homogeneous material represent conditions that apply only at that particular location. Inspection protocol and methodology requires that sample data be used to draw conclusions about the entire homogeneous area, but such conclusions may not necessarily apply to the general Site as a whole. No sub-surface investigations were performed to determine the possible presence of regulated materials on or in the immediate vicinity of the Site. No record drawings of the building were available for review as part of this investigation.

LaBella makes no other warranty or representation, either expressed or implied, nor is one intended to be included as part of its services, proposals, contracts or reports. No inspection can wholly eliminate the uncertainty regarding the potential for undiscovered RBMs. The Work performed by LaBella is intended to reduce, but not eliminate, uncertainty regarding the potential for RBMs at the Site. This inspection report is not intended to be a bid document for an abatement scope of work. This report is intended to satisfy the requirements of NYS Code Rule 56-5 for inspections. Abatement project design can only be performed by a certified Project Designer.

IV. INSPECTION RESULTS

Asbestos-Containing Materials (ACMs)

Based on laboratory analyses of bulk samples collected, the following materials were determined to contain greater than 1% asbestos. However, the following table does not include all of the materials sampled during this inspection; for a full list of materials sampled see the Asbestos Bulk Sample Summary Table immediately following this report.

| | | Estimated | | |
|--|---|---------------------|--------------|-----------|
| Type of Material | Typical Location ¹ | Amount ² | Friability | Condition |
| Gray Pipe Insulation & Associated Mud Fittings | On Pipes in Crawlspaces and Residue on Fittings in Basement | 100 LF | Friable | Poor |
| Tan Joint Compound | Walls & Ceiling in Room 14 | 215 SF | Non-Friable* | Good |
| Red/Gray Sheet Vinyl | 2 nd Layer of Flooring in Room 8 | 70 SF | Non-Friable | Good |
| Black Caulk | Along Edges of Siding Shingles | 600 LF/ 25 SF | Non-Friable | Good |
| Black Roofing Cement | Along House & Around Chimney | 85 SF | Non-Friable | Good |

*This material is considered to be non-friable in its current, intact condition. However, this material has the potential to become friable during any renovation/demolition activities that will disturb the material.

¹ Typical Location may not be inclusive of all material locations present at the subject structure.

² For general reference only: Estimated amounts of confirmed ACM listed above were obtained through field observations made during site visits. Quantities are approximations and LaBella assumes no responsibility if used for bidding.



Black Roofing Cement

Black asbestos-containing roofing cement is located along the house (on shingles) where lower sections of roof connect to the house. The roofing cement was also observed around the chimney.

PCB-Containing Materials

Caulking and Glazing Compounds

It has recently been discovered that certain caulking and glazing compounds have the potential to contain PCBs. Caulking and glazing compounds containing equal to or greater than 50 ppm PCB must be disposed of as PCB-Contaminated hazardous waste. Therefore, several glazing compounds were observed, sampled and analyzed for the presence of PCBs. Based on laboratory analysis, these glazing compounds are not considered to be PCB-Contaminated (i.e. NOT \geq 50 ppm PCBs).

V. OBSERVATIONS AND CAUTIONARY STATEMENTS

Gray Pipe Insulation and Associated Gray Mud Fittings

The gray asbestos-containing pipe insulation and associated asbestos-containing gray mud fittings within the basement and crawlspaces were observed to be in fair condition. No loose asbestos-containing debris was observed on the ground at the time of the inspection. However, most of the pipes in the basement are bare, with several fittings noted with residual insulation still present. The potential exists for the asbestos-containing insulation and/or asbestos-containing fittings to be damaged in the near future due to the building having no power or water.

If damaged asbestos-containing insulation and/or asbestos-containing mud fittings are observed at any point, the presence of this damaged material represents an "Incidental Asbestos Disturbance" as defined by New York State Asbestos Regulations, (i.e. Industrial Code Rule 56). According to these regulations, personnel access to the areas affected shall be restricted until such time as the material is cleaned up by a licensed asbestos abatement contractor. If this situation occurs, the clean-up of this material shall take place as soon as possible.

Vermiculite

Vermiculite has been used as loose insulation in attics, walls, CMU block, and as a component of plaster, fireproofing and other building materials. The NYS Department of Health considers Vermiculite to be an asbestos-containing material, and that building materials containing more than 10% Vermiculite should be treated as asbestos-containing.

Vermiculite was not observed in spaces and materials inspected for this project. However, destructive investigation of wall cavities was not conducted, and therefore the presence or extent of this material's application throughout the building was not determined.

Cautionary measures should be taken during construction, renovation, and demolition to ensure that proper steps are taken if Vermiculite is discovered in previously inaccessible locations. If Vermiculite is discovered, work should be stopped immediately to address the issue and prevent the uncontrolled release and distribution of an asbestos-containing material.



Potentially Hidden/Inaccessible RBMs

Although this inspection was conducted in a manner consistent with recognized professional practices, the potential does exist for additional RBMs to be located in the following inaccessible areas because of the operational constraints mentioned above:

- On surfaces behind layers of drywall, plaster, textured finishes and paneling, etc.
- On floor surfaces potentially covered by multiple layers of building materials such as, carpeting, plywood, floor tile, etc.
- Inside wall and/or ceiling cavities

If these areas are scheduled to be impacted by renovation activities, it is recommended that they be re-inspected to verify no new suspect materials would be impacted during the construction work.

Asbestos Bulk Sample Summary Table

Asbestos Bulk Sample Summary Table

Pre-Renovation Regulated Building Materials Inspection 156 Fall Street Seneca Falls, New York 13148

Items in Bold are Confirmed ACM

| Sample # | Type of Material | Sample Location | Results % Asbestos |
|----------|------------------------|----------------------|-----------------------|
| 1A | Gray Pipe Insulation | Basement, On Pipes | Chrysotile 100% |
| 2A | Gray Mud Fitting | Basement, On Pipes | Chrysotile 57% |
| 3A | Gray Plaster | Room 1, Ceiling | None Detected |
| 3B | Gray Plaster | Room 2, Wall | None Detected |
| 3C | Gray Plaster | Room 11, Wall | None Detected |
| 3D | Gray Plaster | Room 12, Ceiling | None Detected |
| 3E | Gray Plaster | Room 13, Wall | None Detected |
| 4A | White Plaster | Room 4, Wall | None Detected |
| 4B | White Plaster | Room 15, Wall | None Detected |
| 4C | White Plaster | Room 17, Wall | None Detected |
| 5A | Gray Plaster | Room 4, Wall | None Detected |
| 5B | Gray Plaster | Room 15, Wall | None Detected |
| 5C | Gray Plaster | Room 17, Wall | None Detected |
| 6A | Gray Drywall | Room 8, Wall | None Detected |
| 6B | Gray Drywall | Room 14, Ceiling | None Detected |
| 7A | White Skim Coat | Room 1, Wall | None Detected |
| 7B | White Skim Coat | Room 2, Wall | None Detected |
| 8A | White Joint Compound | Room 7, Wall | None Detected |
| 8B | White Joint Compound | Room 8, Wall | None Detected |
| 9A | Tan Joint Compound | Room 14, Wall | Chrysotile 3% |
| 9B | Tan Joint Compound | Room 14, Ceiling | Chrysotile 4% |
| 10A | White Stucco | Room 11, Ceiling | None Detected |
| 10B | White Stucco | Room 11, Ceiling | None Detected |
| 11A | White/Gray Sheet Vinyl | Room 3, Closet Floor | None Detected |
| 11B | White/Gray Sheet Vinyl | Room 4, Closet Floor | None Detected |

Asbestos Bulk Sample Summary Table

Pre-Renovation Regulated Building Materials Inspection 156 Fall Street Seneca Falls, New York 13148

Items in Bold are Confirmed ACM

| Sample # | Type of Material | Sample Location | Results % Asbestos |
|----------|---------------------------------|---------------------------------------|----------------------------------|
| 12A | White 12"x12" Floor Tile | Room 4, Floor 2 nd Layer | None Detected |
| 12B | White 12"x12" Floor Tile | Room 6, Floor 2 nd Layer | None Detected |
| 13A | Tan/Gray Sheet Vinyl | Room 4, Floor 3 rd Layer | None Detected |
| 13B | Tan/Gray Sheet Vinyl | Room 4, Floor 3 rd Layer | None Detected |
| 14A | Brown/Black Flooring | Room 6, Floor 1 st Layer | None Detected |
| 14B | Brown/Black Flooring | Room 6, Floor 1 st Layer | None Detected |
| 15A | White/Black Flooring | Room 6, Floor 3 rd Layer | None Detected |
| 15B | White/Black Flooring | Room 6, Floor 3rd Layer | None Detected |
| 16A | Black Mastic | Room 6, Floor 3 rd Layer | None Detected |
| 16B | Black Mastic | Room 6, Floor 3 rd Layer | None Detected |
| 17A | Multi/Black Linoleum | Room 7, Floor 2 nd Layer | None Detected |
| 17B | Multi/Black Linoleum | Room 7, Floor 2 nd Layer | None Detected |
| 18A | Brown/Gray Sheet Vinyl | Room 7, Floor 3 rd Layer | None Detected |
| 18B | Brown/Gray Sheet Vinyl | Room 7, Floor 3 rd Layer | None Detected |
| 19A | Red/Gray Sheet Vinyl | Room 8, Floor 2 nd Layer | Chrysotile 31% |
| 19B | Red/Gray Sheet Vinyl | Room 8, Floor 2 nd Layer | Not Analyzed Duplicate of 19A |
| 20A | Tan 1'x1' Ceiling Tile | Room 4, Ceiling 1 st Layer | None Detected |
| 20B | Tan 1'x1' Ceiling Tile | Room 4, Ceiling 2 nd Layer | None Detected |
| 21A | Gray Window Glazing Compound | Exterior, In Windows | None Detected |
| 21B | Gray Window Glazing Compound | Exterior, In Windows | None Detected |
| 22A | Black Caulk | Exterior, Around Window Frame | Chrysotile 20% |
| 22B | Black Caulk | Exterior, Along Edge of Shingle | Not Analyzed Duplicate of 22A |
| 23A | Green/Black Shingle | Exterior, Sides of House | None Detected |
| 23B | Green/Black Shingle | Exterior, Sides of House | None Detected |

Asbestos Bulk Sample Summary Table

Pre-Renovation Regulated Building Materials Inspection 156 Fall Street Seneca Falls, New York 13148

Items in Bold are Confirmed ACM

| Sample # | Type of Material | Sample Location | Results % Asbestos |
|----------|-----------------------------------|---|----------------------------------|
| 24A | Black Roofing Cement | Exterior, Along House | Chrysotile 17% |
| 24B | Black Roofing Cement | Exterior, Around Chimney | Not Analyzed Duplicate of 24A |
| 25A | White/Black Roof Shingle | Exterior, Front Stairwell Roof 1 st Layer | None Detected |
| 25B | White/Black Roof Shingle | Exterior, Front Stairwell Roof 1 st Layer | None Detected |
| 26A | Red/Black Roof Shingle | Exterior, Front Stairwell Roof 2 nd Layer | None Detected |
| 26B | Red/Black Roof Shingle | Exterior, Front Stairwell Roof 2 nd Layer | None Detected |
| 27A | Green/White/Black Roof Shingle | Exterior, Middle Roof 1 st Layer | None Detected |
| 27B | Green/White/Black Roof Shingle | Exterior, Back Roof 1 st Layer | None Detected |
| 28A | Black Tar Paper | Exterior, Middle Roof 2 nd Layer | None Detected |
| 28B | Black Tar Paper | Exterior, Middle Roof 2 nd Layer | None Detected |
| 29A | Black Rolled Roofing | Exterior, Back Roof 1 st Layer | None Detected |
| 29B | Black Rolled Roofing | Exterior, Back Roof 1 st Layer | None Detected |
| 30A | White Window Glazing Compound | Exterior, In Garage Windows | None Detected |
| 30B | White Window Glazing Compound | Exterior, In Garage Windows | None Detected |
| 31A | White/Black Roof Shingle | Garage Roof 1 st Layer | None Detected |
| 31B | White/Black Roof Shingle | Garage Roof 1 st Layer | None Detected |
| 32A | Black Tar Paper | Garage Roof 2 nd Layer | None Detected |
| 32B | Black Tar Paper | Garage Roof 2 nd Layer | None Detected |

Appendix A Inspection Fact Sheet

Inspection Fact Sheet

Name and Address of Building/Structure 156 Fall Street Seneca Falls, New York 13148 Name and Address of Building/Structure Owner Finger Lakes Regional Land Bank <u>1 DiPronio Drive</u> Waterloo, New York 13165 Name and Address of Owner's Agent LaBella Associates, D.P.C. 300 State Street, Suite 201 Rochester, New York 14614 Name of the Firm & Person Conducting the Inspection LaBella Associates, D.P.C. Chris Enright (NYSDOL Cert. #06-08603)

Dates the Inspection Was Conducted

<u>August 6 & 9, 2019</u>

Appendix B Sample Location Drawing





Confirmed ACM Bold and Underlined





Appendix C Inspection Photos



Photo 1 Gray asbestos-containing pipe insulation located on the pipes in the crawlspace of the basement



Photo 2 Gray asbestos-containing mud fitting (residue) located on the fittings in the basement



Photo 3 Red/gray asbestos-containing sheet vinyl located on the 2nd layer of flooring in room 8



Photo 4 Black asbestos-containing caulk located along the edges of the shingles on the exterior of the house

Appendix D Laboratory Analytical Reports

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

LABELLA ASSOCIATES, P. C. ANALYTICAL LABORATORY 300 STATE STREET ROCHESTER, NY 14614 (585) 454-6110 FAX(585) 454-3066

ELAP # 11184 AMA Lab TEM ELAP# 10920 LBL JOB # 76219

PLM Methods: 198.1, 198.4, & 198.6 RSD: 14.2%

LABELLA PROJECT # 2192346

SAMPLE TYPE: PLM Bulk

CLIENT: Labella Associates

762

ADDRESS: 300 State Street

Rochester, NY 14614

sample date: 08/06/2019

PROJECT LOCATION: 156 Fall Street, Seneca Falls, NY

| | | hod | ASBESTOS | | OTHER | | | | |
|----------|----------|-----|------------|-----|--------|---|---------|-----|----------------------|
| FIELD ID | LBL ID | met | ТҮРЕ | % | FIBERS | % | MATRIX | % | COLOR / DESCRIPTION |
| 1A | 76219-1 | р | CHRYSOTILE | 100 | ND | | ND | | GRAY PIPE INSULATION |
| 2A | 76219-2 | Р | CHRYSOTILE | 57 | ND | _ | MINERAL | 43 | GRAY MUD FITTING |
| 3A | 76219-3 | Р | ND | | HAIR | 3 | MINERAL | 97 | GRAY PLASTER |
| 3B | 76219-4 | Р | ND | | HAIR | 3 | MINERAL | 97 | GRAY PLASTER |
| 3C | 76219-5 | р | ND | | HAIR | 3 | MINERAL | 97 | GRAY PLASTER |
| 3D | 76219-6 | Р | ND | | ND | | MINERAL | 100 | GRAY PLASTER |
| 3E | 76219-7 | Р | ND | | ND | | MINERAL | 100 | GRAY PLASTER |
| 4A | 76219-8 | р | ND | | ND | | MINERAL | 100 | WHITE PLASTER |
| 4B | 76219-9 | Р | ND | | ND | | MINERAL | 100 | WHITE PLASTER |
| 4C | 76219-10 | Р | ND | | ND | | MINERAL | 100 | WHITE PLASTER |
| 5A | 76219-11 | Р | ND | | ND | | MINERAL | 100 | GRAY PLASTER |
| 5B | 76219-12 | Р | ND | | ND | | MINERAL | 100 | GRAY PLASTER |
| 5C | 76219-13 | Р | ND | | ND | | MINERAL | 100 | GRAY PLASTER |
| 6A | 76219-14 | р | ND | | ND | | MINERAL | 100 | GRAY DRYWALL |
| 6B | 76219-15 | Р | ND | | ND | | MINERAL | 100 | GRAY DRYWALL |
| 7A | 76219-16 | Р | ND | | ND | | MINERAL | 100 | WHITE SKIM COAT |
| 7B | 76219-17 | р | ND | | ND | | MINERAL | 100 | WHITE SKIM COAT |
| 8A | 76219-18 | Р | ND | | ND | | MINERAL | 100 | WHITE JOINT COMPOUND |
| 8B | 76219-19 | р | ND | | ND | | MINERAL | 100 | WHITE JOINT COMPOUND |
| 9A | 76219-20 | р | CHRYSOTILE | 3 | ND | | MINERAL | 97 | TAN JOINT COMPOUND |
| 913 | 76219-21 | Р | CHRYSOTILE | 4 | ND | 1 | MINERAL | 96 | TAN JOINT COMPOUND |

Lab Director

Matt Smith 8/12/19 ____ Date: __

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result IN - Inconclusive¹

G - Gravimetric Matrix Reduction: Sample residue weight <1% of original sample weight. TEM not required. Vermiculite: Vermiculite is reported as an asbestos-containing mineral in accordance with NYSDOH determinations. See NYSDOH guidance, available upon request.

1 "Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing." Page 1 of 3

^{*} Please note: Due to interference from sample matrix components, results reported via PLM method ELAP 198.1 as negative or Trace (<1%) may be inaccurate and reported as a False Negative. It is recommended that additional analytical techniques such as gravimetric reduction. TEM and others be used to reduce obscuring effects of matrix components yielding more accurate results.

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

76219 LBL JOB #

PLM Methods 198.1, 198.4, 198.6 & FPA 600/M4/82/020

| FIELD ID | LBL ID | method | ASBESTOS TYPE | % | OTHER FIBERS | % | MATRIX | % | COLOR / DESCRIPTION |
|----------|----------|--------|------------------|----|-----------------|-----|------------|---------|------------------------------|
| 10A | 76219-22 | Р | ND | | ND | | MINERAL | 100 | WHITE STUCCO |
| 10B | 76219-23 | Р | ND | | ND | | MINERAL | 100 | WHITE STUCCO |
| 11A | 76219-24 | Т | ND | | CELL/GLASS | 20 | MIN/VINYL | 80 | WHITE/GRAY SHEET VINYL |
| 11B | 76219-25 | T | ND | | CELL/GLASS | 20 | MIN/VINYL | 80 | WHITE/GRAY SHEET VINYL |
| 12A | 76219-26 | G | ND | | ND | | MIN/VINYL | 100 | WHITE FLOOR TILE |
| 12B | 76219-27 | G | ND | | ND | | MIN/VINYL | 100 | WHITE FLOOR TILE |
| 13A | 76219-28 | Т | ND | | CELL/GLASS | 20 | MIN/VINYL | 80 | TAN/GRAY SHEET VINYL |
| 13B | 76219-29 | Т | ND | | CELL/GLASS | 20 | MIN/VINYL | 80 | TAN/GRAY SHEET VINYL |
| 14A | 76219-30 | T | ND | | ND | | MIN/VINYL | 100 | BROWN/BLACK FLOORING |
| 14B | 76219-31 | Т | ND | | ND | | MIN/VINYL | 100 | BROWN/BLACK FLOORING |
| 15A | 76219-32 | Т | ND | | CELL/GLASS | 20 | MIN/VINYL | 80 | WHITE/BLACK FLOORING |
| 15B | 76219-33 | Т | ND | | CELL/GLASS | 20 | MIN/VINYL | 80 | WHITE/BLACK FLOORING |
| 16A | 76219-34 | G | ND | | ND | | MASTIC | 100 | BLACK MASTIC |
| 16B | 76219-35 | G | ND | | ND | | MASTIC | 100 | BLACK MASTIC |
| 17A | 76219-36 | G | ND | | CELLULOSE | 50 | MIN/VINYL | 50 | MULTI/BLACK LINOLEUM |
| 17B | 76219-37 | G | ND | | CELLULOSE | 50 | MIN/VINYL | 50 | MULTI/BLACK LINOLEUM |
| 18A | 76219-38 | T | ND | | ND | | MIN/VINYL | 100 | BROWN/GRAY SHEET VINYL |
| 18B | 76219-39 | т | ND | | ND | | MIN/VINYL | 100 | BROWN/GRAY SHEET VINYL |
| 19A | 76219-40 | N | CHRYSOTILE | 31 | ND | | MIN/VINYL | 69 | RED/GRAY SHEET VINYL |
| 20A | 76219-41 | р | ND | | CELLULOSE | 100 | ND | | TAN PARTICLEBOARD TILE |
| 20B | 76219-42 | р | ND | | CELLULOSE | 100 | ND | | TAN PARTICLEBOARD TILE |
| 21A | 76219-43 | Т | ND | | ND | | MIN/BINDER | 100 | GRAY WINDOW GLAZING COMPOUND |
| 21B | 76219-44 | Т | ND | | ND | | MIN/BINDER | 100 | GRAY WINDOW GLAZING COMPOUND |
| 22A | 76219-45 | N | CHRYSOTILE | 20 | ND | | ΓAR | 80 | BLACK CAULK |
| 23A | 76219-46 | G | ND | | CELLULOSE | 40 | TAR | 60 | GREEN/BLACK SHINGLE |
| 23B | 76219-47 | G | ND | | CELLULOSE | 40 | TAR | 60 | GREEN/BLACK SHINGLE |
| 24A | 76219-48 | Ν | CHRYSOTILE | 17 | ND | | TAR | 83 | BLACK ROOFING CEMENT |
| 25A | 76219-49 | Т | ND | | CELLULOSE | 35 | TAR | 65 7 | white/black shingle |

Lab Supervisor:

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = Trace PLAS - Plaster P - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result IN - Inconclusive¹

G - Gravimetric Matrix Reduction; Sample residue weight <1% of original sample weight, TEM not required. Vermiculite: Vermiculite is reported as an asbestos-containing mineral in accordance with NYSDOH determinations. See NYSDOH guidance, available upon request.

* Please note: Due to interference from sample matrix components, results reported via PLM methods EPA 600/M4/82/020 and ELAP 198, 1 as negative or Trace (<1%) may be inaccurate and reported as a False Negative. It is recommended that additional analytical techniques such as gravimetric reduction, TEM and others be used to reduce obscuring effects of matrix components yielding more accurate results.

I "Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing." Page 2 of 3

BULK SAMPLE ASBESTOS ANALYTICAL REPORT

76218 LBL JOB #

PLM Methods 198.1, 198.4, 198.6

| FIELD ID | LBL 1D | method | ASBESTOS TYPE | % | OTHER FIBERS | % | MATRIX | % | COLOR / DESCRIPTION |
|----------|----------|--------|------------------|---|-----------------|----|------------|-----|-------------------------------|
| 25B | 76219-50 | Т | ND | | CELLULOSE | 35 | TAR | 65 | WHITE/BLACK SHINGLE |
| 26A | 76219-51 | G | ND | | CELLULOSE | 40 | TAR | 60 | RED/BLACK SHINGLE |
| 26B | 76219-52 | G | ND | | CELLULOSE | 40 | TAR | 60 | RED/BLACK SHINGLE |
| 27A | 76219-53 | Т | , ND | | CELLULOSE | 35 | TAR | 65 | GREEN/WHITE/BLACK SHINGLE |
| 27B | 76219-54 | Т | ND | | CELLULOSE | 35 | TAR | 65 | GREEN/WHITE/BLACK SHINGLE |
| 28A | 76219-55 | G | ND | | CELLULOSE | 60 | TAR | 40 | BLACK TAR PAPER |
| 28B | 76219-56 | G | ND | | CELLULOSE | 60 | TAR | 40 | BLACK TAR PAPER |
| 29A | 76219-57 | Т | ND | | CELLULOSE | 40 | TAR | 60 | BLACK ROLLED ROOFING |
| 29B | 76219-58 | Т | ND | | CELLULOSE | 40 | TAR | 60 | BLACK ROLLED ROOFING |
| 30A | 76219-59 | Т | ND | | ND | | MIN/BINDER | 100 | WHITE WINDOW GLAZING COMPOUND |
| 30B | 76219-60 | Т | ND | | ND | | MIN/BINDER | 100 | WHITE WINDOW GLAZING COMPOUND |
| 31A | 76219-61 | Т | ND | | CELLULOSE | 35 | TAR | 65 | WHITE/BLACK SHINGLE |
| 31B | 76219-62 | Т | ND | | CELLULOSE | 35 | TAR | 65 | WHITE/BLACK SHINGLE |
| 32A | 76219-63 | G | ND | | CELLULOSE | 60 | TAR | 40 | BLACK TAR PAPER |
| 32B | 76219-64 | G | ND | | CELLULOSE | 60 | TAR | 40 | BLACK TAR PAPER |
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Lab Director:

ND - None Detected CELL-Cellulose JC - Joint Compound MIN - Mineral GLASS - Fiberglass <1 = TraceP - Friable PLM analytical result N - NOB PLM analytical result T - TEM analytical result IN - Inconclusive⁴

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1 "Polarized-light microscopy (PLM) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Quantitative T "Polarized-light microscopy (PLM) is not consistently renative in detecting assesses in non-asbestos containing." transmission electron microscopy (TEM) is currently the only method that can be used to determine if this material can be considered to be non-asbestos containing." Page 3 of 3

Date:

PLAS - Plaster

| Analysis | Report |
|----------|--------|
|----------|--------|

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117 804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

| Customer: | Labella Associates (1126) |
|-----------|---------------------------|
| Address: | 300 State Street |
| | Rochester, NY 14614-1098 |

Attn:

| Project: | Residential House And Detached |
|------------|--------------------------------|
| -Location: | 156 Fall Street, Seneca Falls |
| -Number: | 2192346 |

| Order #: | 331307 | |
|----------|----------|--|
| Matrix | Bulk | |
| Received | 08/13/19 | |
| Reported | 08/16/19 | |

PO Number:

| Sample ID | Cust. Sample ID | Location | | | | | |
|---------------|-------------------------------|--------------------|--------|-------|-------|---------------|---------|
| Parameter | | Method | Result | RL* | Units | Analysis Date | Analyst |
| 331307-001 | G-21 | 156 Fall Street | | | | | |
| Semi-volat | ile Organic Compounds | | | | | | |
| Aroclor - 101 | 6 | SW846 8082A | <44800 | 44800 | µg/Kg | 08/15/19 | AE |
| Aroclor - 122 | 1 | SW846 8082A | <44800 | 44800 | µg/Kg | 08/15/19 | AE |
| Aroclor - 123 | 2 | SW846 8082A | <44800 | 44800 | µg/Kg | 08/15/19 | AE |
| Aroclor - 124 | 2 | SW846 8082A | <44800 | 44800 | µg/Kg | 08/15/19 | AE |
| Aroclor - 124 | 8 | SW846 8082A | <44800 | 44800 | µg/Kg | 08/15/19 | AE |
| Aroclor - 125 | 4 | SW846 8082A | <44800 | 44800 | µg/Kg | 08/15/19 | AE |
| Aroclor - 126 | 0 | SW846 8082A | 600000 | 44800 | µg/Kg | 08/15/19 | AE |
| Aroclor - 126 | 2 | SW846 8082A | <44800 | 44800 | µg/Kg | 08/15/19 | AE |
| Aroclor - 126 | 8 | SW846 8082A | <44800 | 44800 | µg/Kg | 08/15/19 | AE |
| PCB - Su | rrogate Recoveries | | | | | | |
| DCB | | D | | | | | |
| TCMX | | D | | | | | |
| 331307-002 | G-30 | 156 Fall Street | | | | | |
| Semi-volat | ile Organic Compounds | | | | | | |
| Aroclor - 101 | 6 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| Aroclor - 122 | 1 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| Aroclor - 123 | 2 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| Aroclor - 124 | 2 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| Aroclor - 124 | 8 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| Aroclor - 125 | 4 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| Aroclor - 126 | 0 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| Aroclor - 126 | 2 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| Aroclor - 126 | 8 | SW846 8082A | <480 | 480 | µg/Kg | 08/15/19 | AE |
| DUP and MS | 6 failure due to high concent | ration of analyte. | | | | | |
| PCB - Su | rrogate Recoveries | | | | | | |
| DCB | | MI | | | | | |
| ТСМХ | | MI | | | | | |

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = μ g/kg and Water PPM = mg/L | PPB = μ g/L. The test results reported relate only to the samples submitted.

| SLG | Analysis Rep | port | Schneider 2512 W. Cary S 804-353-6778 • | Labora treet • Richmo 800-785-LAB | atorie ond, Virg S (5227) | es Global, inia • 23220-5117 • Fax 804-359-1475 | Inc |
|-----------------------|---|---------------------------|--|---|---------------------------------|---|---------|
| Customer: Address: | Labella Associates 300 State Street | (1126) | | Order #: | | 331307 | |
| | Rochester, NY 146 | 14-1098 | | Matrix Received | | Bulk 08/13/19 | I |
| Attn: | | | | Reported | | 08/16/19 | |
| Project: Location: | Residential House A 156 Fall Street, Sen | And Detached eca Falls | | | | | |
| Number: | 2192346 | | | PO Number: | | | |
| Sample ID | Cust. Sample ID | Location | | | | | |
| Parameter | | Method | Result | RL* | Units | Analysis Date | Analyst |
| 331307-08/16/1 | 9 04:12 PM | | | Ben | zin | Wosad | |
| | | | | Reviewed | By: Ben W | lood | |
| | | | | | Analys | t | |
| State Co | ertifications | | | | | | |
| Method | Parameter | N | ew York | | Virginia | | |

| Method | Parameter | New York | Virginia |
|-------------|--------------------|----------------|-----------------|
| SW846 8082A | Aroclor - 1016 | ELAP Certified | VELAP Certified |
| SW846 8082A | Aroclor - 1221 | ELAP Certified | VELAP Certified |
| SW846 8082A | Aroclor - 1232 | ELAP Certified | VELAP Certified |
| SW846 8082A | Aroclor - 1242 | ELAP Certified | VELAP Certified |
| SW846 8082A | Aroclor - 1248 | ELAP Certified | VELAP Certified |
| SW846 8082A | Aroclor - 1254 | ELAP Certified | VELAP Certified |
| SW846 8082A | Aroclor - 1260 | ELAP Certified | VELAP Certified |
| SW846 8082A | Aroclor - 1262 | ELAP Certified | VELAP Certified |
| SW846 8082A | Aroclor - 1268 | ELAP Certified | VELAP Certified |
| State | Certificate Number | | |

| State | |
|----------|-------------|
| New York | ELAP 60127 |
| Virginia | VELAP 10510 |

All internal QC parameters were met. Unusual sample conditions, if any, are described. Surrogate Spike results designated with "D" indicate that the analyte was diluted out. "MI" indicates matrix interference. Concentration and *Reporting Limit (RL) based on areas provided by client. Values are reported to three significant figures. Solid PPM = mg/kg | PPB = μ g/kg and Water PPM = mg/L | PPB = μ g/L. The test results reported relate only to the samples submitted.

Appendix E Licenses and Certifications

New York State – Department of Labor

Division of Safety and Health License and Certificate Unit State Campus, Building 12 Albany, NY 12240

ASBESTOS HANDLING LICENSE

LaBella Associates, D.P.C. Suite 201 300 State Street

Rochester, NY 14614

FILE NUMBER: 99-1172 LICENSE NUMBER: 29278 LICENSE CLASS: RESTRICTED DATE OF ISSUE: 01/03/2019 EXPIRATION DATE: 01/31/2020

Duly Authorized Representative – Robert Pepe:

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

SH 432 (8/12)

Eileen M. Franko, Director For the Commissioner of Labor

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER



Expires 12:01 AM April 01, 2020 Issued April 01, 2019

NY Lab Id No: 11184

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MR. MATTHEW SMITH LABELLA ASSOCIATES 300 STATE STREET SUITE 200 ROCHESTER, NY 14614

> is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved subcategories and/or analytes are listed below:

Miscellaneous

Asbestos in Friable Material Asbestos in Non-Friable Material-PLM Item 198.1 of Manual Item 198.6 of Manual (NOB by PLM)

Serial No.: 59557

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.

NEW YORK STATE DEPARTMENT OF HEALTH WADSWORTH CENTER



Expires 12:01 AM April 01, 2020 Issued April 01, 2019

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE Issued in accordance with and pursuant to section 502 Public Health Law of New York State

NY Lab Id No: 10920

MR. G EDWARD CARNEY AMA ANALYTICAL SERVICES INC 4475 FORBES BLVD LANHAM, MD 20706

> is hereby APPROVED as an Environmental Laboratory for the category ENVIRONMENTAL ANALYSES SOLID AND HAZARDOUS WASTE All approved subcategories and/or analytes are listed below:

Metals I

Lead, Total

Miscellaneous

Asbestos in Friable Material

Asbestos in Non-Friable Material-PLM Asbestos in Non-Friable Material-TEM Lead in Dust Wipes Lead in Paint

Sample Preparation Methods

EPA 7000B

Item 198.1 of Manual EPA 600/M4/82/020 Item 198.6 of Manual (NOB by PLM) Item 198.4 of Manual EPA 7000B EPA 7000B

ASTM E-1979-17

Serial No.: 59486

Property of the New York State Department of Health. Certificates are valid only at the address shown, must be conspicuously posted, and are printed on secure paper. Continued accreditation depends on successful ongoing participation in the Program. Consumers are urged to call (518) 485-5570 to verify the laboratory's accreditation status.



May 31, 2019

Laboratory ID: 100527

Irma Faszewski Schneider Laboratories Global, Inc. 2512 West Cary Street Richmond, VA 23220-5117

Dear Ms. Faszewski:

AIHA Laboratory Accreditation Programs, LLC (AIHA-LAP, LLC) has approved an extension to your laboratory's current certificate of accreditation in the Industrial Hygiene Laboratory Accreditation Program (IHLAP), Environmental Lead Accreditation Program (ELLAP) and Environmental Microbiology Accreditation Program (EMLAP). This extension will expire on September 01, 2019. Remember that your laboratory must maintain proficiency per Policy Module 6 in order for the new certificate to be issued.

Your laboratory remains an accredited laboratory in IHLAP, ELLAP and EMLAP. Please keep a copy of this letter with your expired certificate. If you have questions or concerns, please feel free to contact Beth Durman, Laboratory Accreditation Specialist at (703) 846-0719.

Sincerely,

Cheryf J. Marton

Cheryl O. Morton Managing Director AIHA Laboratory Accreditation Programs, LLC



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

Schneider Laboratories Global, Inc.

2512 West Cary Street, Richmond, VA 23220-5117

Laboratory ID: 100527

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

- ✓ INDUSTRIAL HYGIENE
- **ENVIRONMENTAL LEAD**
- ✓ ENVIRONMENTAL MICROBIOLOGY
- **FOOD**
- **UNIQUE SCOPES**

Accreditation Expires: June 01, 2019 Accreditation Expires: June 01, 2019 Accreditation Expires: June 01, 2019 Accreditation Expires: Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Um march

William Walsh, CIH Chairperson, Analytical Accreditation Board

Revision 15: 03/30/2016

Cheryl J. Marton

Cheryl O. Morton Managing Director, AIHA Laboratory Accreditation Programs, LLC

Date Issued: 06/30/2017





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