



SIERRA ENVIRONMENTAL GROUP, INC.

December 9, 2015

Mr. Dennis Zimmer

City of Dayton

Department of Building Services/Division of Housing Inspection

P.O. Box 22

371 West 2nd Street, Room 324

Dayton, OH 45402

Re: Comprehensive Pre-Demolition Asbestos Inspection
Vacant Residences
2521-2523 North Main Street
Dayton, Ohio 45405
Sierra Project Number: MCLB.003

Dear Mr. Zimmer:

On December 1, 2015, Mr. Chuck Callahan, Mr. Todd Taylor and Mr. Chris Kuettner (Ohio Department of Health Certified Asbestos Hazard Evaluation Specialists #ES31960, #ES32139, #ES33689 respectively) of Sierra Environmental Group, Inc. (Sierra) visited the vacant residences located at 2521-2523 North Main Street in Dayton, Ohio. The purpose of this visit was to conduct a comprehensive asbestos inspection of the specified residences scheduled for demolition. This inspection process includes a visual inspection, as well as, the collection and analyses of samples from suspect asbestos-containing materials.

During the survey, the samples were collected utilizing sampling methods outlined in current EPA Guidance Documents. Each sample was collected and placed in a clean, sealable container and labeled with a unique sample identification number. Pertinent information was recorded on a Bulk Sample Log Sheet, including sample identification number, date of inspection, name of inspector, building name, a brief description and location of the sample, and the type of material sampled (e.g., thermal insulation, fireproofing, acoustical plaster). The samples were submitted to an analytical laboratory and analyzed for asbestos content by polarized-light microscopy (PLM) and dispersion staining (Method Reference: EPA-600/R-93/116). This analytical method, which the EPA currently recommends for the determination of asbestos in bulk samples of suspect materials, can be used for qualitative identification of six morphologically different types of asbestos fibers: chrysotile, amosite, crocidolite, anthophyllite, tremolite, and actinolite asbestos.

The method specifies that the asbestos content in a bulk sample shall be estimated and reported as a finite percentage (rounded to the nearest percentage) within the range of 0 to 100. The result of the bulk sample analysis is reported in a standard written laboratory report. This report includes the client's name, the project number, the laboratory identification number, the sample number assigned to the bulk sample upon receipt at the laboratory, and the field number assigned to the bulk sample upon collection on site. If the bulk sample contains more than one distinct layer of material, each layer is analyzed separately. The composition of the bulk sample is reported in percentages of asbestos (i.e., chrysotile, amosite, or other) and non-asbestos (i.e., cellulose, fiberglass, or other) components. The results of the sample analyses can be found on the laboratory report enclosed and Table 1.

Sierra collected samples from wall and ceiling systems, roofing materials, flooring materials, ceiling tiles, window glaze, blown-in insulation, heat shield and duct insulation. Two (2) asbestos-containing materials were identified within the residences scheduled for demolition (Table -2 Asbestos Inventory). The cost to remove the Regulated Asbestos-Containing Materials (RACM) from this site prior to demolition would be \$7,200.00. These costs have been estimated and are based on local wage rates and do not include prevailing wage rates. These costs do not include specifications, permits, contractor oversight or third party monitoring.

Sierra made every effort to locate suspect asbestos-containing materials that may be concealed; however, suspect asbestos-containing materials which may be located behind hard plaster walls or ceilings, hard walled chases, under flooring or sub-

flooring, under building contents, etc., were not assessed or quantified. If through demolition suspect materials are discovered that were not sampled during the initial site visit; Sierra should be notified to document any additional samples that may be required and handled accordingly.

This report is prepared to assist the Montgomery County Land Reutilization Corporation, City of Dayton, construction managers and asbestos abatement contractors in locating asbestos-containing materials. This report is not intended as a bidding document or project specifications.

Enclosed are the following Sierra documents: 1) Table 1-Bulk Sample Data Summary; 2) Table 2-Asbestos Inventory; 3) Table 3-Cost Estimate; 4) Laboratory Report; 5) Floor Plans; 6) Site Photographs and 7) Inspector's Certification. If we can be of further assistance on this or any other project, do not hesitate to call us at (513) 542-5323.

Sincerely,

SIERRA ENVIRONMENTAL GROUP, INC.



Todd Taylor
Operations Manager

Attachments



TABLE 1: BULK SAMPLE DATA SUMMARY

| SAMPLE DESCRIPTION (Material Type) | SAMPLE LOCATION | HOMO AREA # | SAMPLE I.D. NO. | ASBESTOS CONTENT | FRIABLE/ NONFRIABLE |
|--|--------------------------------------|--------------------|------------------------|-------------------------|--------------------------------|
| The following samples were collected from the vacant residences located at 2521-2523 North Main Street, Dayton, Ohio. | | | | | |
| Skim coat of hard wall plaster (Surfacing, >5,000 sf) | Dining room, 2521 side | 1 | 1-1 | None Detected | Nonfriable |
| Skim coat of hard ceiling plaster (Surfacing, >5,000 sf) | Dining room, 2521 side | 1 | 1-2 | None Detected | Nonfriable |
| Skim coat of hard wall plaster (Surfacing, >5,000 sf) | Rear bedroom, 2521 side | 1 | 1-3 | None Detected | Nonfriable |
| Skim coat of hard ceiling plaster (Surfacing, >5,000 sf) | Rear bedroom, 2521 side | 1 | 1-4 | None Detected | Nonfriable |
| Skim coat of hard wall plaster (Surfacing, >5,000 sf) | Living room, 2523 side | 1 | 1-5 | None Detected | Nonfriable |
| Skim coat of hard ceiling plaster (Surfacing, >5,000 sf) | Stairwell to 2nd floor, 2523 side | 1 | 1-6 | None Detected | Nonfriable |
| Skim coat of hard wall plaster (Surfacing, >5,000 sf) | Stairwell to 2nd floor, 2523 side | 1 | 1-7 | None Detected | Nonfriable |
| Brown coat of hard wall plaster (Surfacing, >5,000 sf) | Dining room, 2521 side | 2 | 2-1 | *0.25% Chrysotile | Nonfriable |
| Brown coat of hard ceiling plaster (Surfacing, >5,000 sf) | Dining room, 2521 side | 2 | 2-2 | *0.25% Chrysotile | Nonfriable |
| Brown coat of hard wall plaster (Surfacing, >5,000 sf) | Rear bedroom, 2521 side | 2 | 2-3 | *<0.25% Chrysotile | Nonfriable |
| Brown coat of hard ceiling plaster (Surfacing, >5,000 sf) | Rear bedroom, 2521 side | 2 | 2-4 | *0.25% Chrysotile | Nonfriable |
| Brown coat of hard wall plaster (Surfacing, >5,000 sf) | Living room, 2523 side | 2 | 2-5 | None Detected | Nonfriable |
| Brown coat of hard ceiling plaster (Surfacing, >5,000 sf) | Stairwell to 2nd floor, 2523 side | 2 | 2-6 | None Detected | Nonfriable |
| Brown coat of hard wall plaster (Surfacing, >5,000 sf) | Stairwell to 2nd floor, 2523 side | 2 | 2-7 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Living room, 2521 side | 3 | 3-1 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Living room, 2521 side | 3 | 3-2 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Living room, 2521 side | 3 | 3-3 | None Detected | Nonfriable |

Table 1-1

TABLE 1: BULK SAMPLE DATA SUMMARY

| SAMPLE DESCRIPTION (Material Type) | SAMPLE LOCATION | HOMO AREA # | SAMPLE I.D. NO. | ASBESTOS CONTENT | FRIABLE/ NONFRIABLE |
|---|------------------------|--------------------|------------------------|-------------------------|--------------------------------|
| 12"x12" Green floor tile (Miscellaneous) | Kitchen, 2521 side | 4 | 4-1 | None Detected | Nonfriable |
| 12"x12" Green floor tile (Miscellaneous) | Kitchen, 2521 side | 4 | 4-2 | None Detected | Nonfriable |
| Textured ceiling, swirl (Surfacing, <1,000 sf) | Kitchen, 2521 side | 5 | 5-1 | None Detected | Nonfriable |
| Textured ceiling, swirl (Surfacing, <1,000 sf) | Kitchen, 2521 side | 5 | 5-2 | None Detected | Nonfriable |
| Textured ceiling, swirl (Surfacing, <1,000 sf) | Kitchen, 2521 side | 5 | 5-3 | None Detected | Nonfriable |
| Duct insulation (Thermal System Insulation) | Basement, 2521 side | 6 | 6-1 | 58% Chrysotile | Friable |
| Heat shield (Thermal System Insulation) | Basement, 2521 side | 7 | 7-1 | 50% Chrysotile | Friable |
| Textured ceiling, star (Surfacing, <1,000 sf) | Bedroom, 2521 side | 8 | 8-1 | None Detected | Nonfriable |
| Textured ceiling, star (Surfacing, <1,000 sf) | Bedroom, 2521 side | 8 | 8-2 | None Detected | Nonfriable |
| Textured ceiling, star (Surfacing, <1,000 sf) | Bedroom, 2521 side | 8 | 8-3 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Bathroom, 2521 side | 9 | 9-1 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Bathroom, 2521 side | 9 | 9-2 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Bathroom, 2521 side | 9 | 9-3 | None Detected | Nonfriable |
| Window glaze (Miscellaneous) | Exterior | 10 | 10-1 | None Detected | Friable |
| Window glaze (Miscellaneous) | Exterior | 10 | 10-2 | None Detected | Friable |
| Blown-in insulation (Miscellaneous) | Attic | 11 | 11-1 | None Detected | Friable |
| Blown-in insulation (Miscellaneous) | Attic | 11 | 11-2 | None Detected | Friable |

Table 1-2

TABLE 1: BULK SAMPLE DATA SUMMARY

| SAMPLE DESCRIPTION (Material Type) | SAMPLE LOCATION | HOMO AREA # | SAMPLE I.D. NO. | ASBESTOS CONTENT | FRIABLE/ NONFRIABLE |
|--|-----------------------------|--------------------|------------------------|-------------------------|--------------------------------|
| Black and grey asphalt roof shingle (Miscellaneous) | Exterior | 12 | 12-1 | None Detected | Nonfriable |
| Black and grey asphalt roof shingle (Miscellaneous) | Exterior | 12 | 12-2 | None Detected | Nonfriable |
| Green asphalt roof shingle (Miscellaneous) | Exterior | 13 | 13-1 | None Detected | Nonfriable |
| Green asphalt roof shingle (Miscellaneous) | Exterior | 13 | 13-2 | None Detected | Nonfriable |
| Tan asphalt roof shingle (Miscellaneous) | Exterior | 14 | 14-1 | None Detected | Nonfriable |
| Tan asphalt roof shingle (Miscellaneous) | Exterior | 14 | 14-2 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Living room, 2523 side | 15 | 15-1 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Living room, 2523 side | 15 | 15-2 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Living room, 2523 side | 15 | 15-3 | None Detected | Nonfriable |
| 12"x12" Diamond pattern sticky back floor tile (Miscellaneous) | Kitchen, 2523 side | 16 | 16-1 | None Detected | Nonfriable |
| 12"x12" Diamond pattern sticky back floor tile (Miscellaneous) | Kitchen, 2523 side | 16 | 16-2 | None Detected | Nonfriable |
| Drywall (Miscellaneous) | Kitchen, 2523 side | 17 | 17-1 | None Detected | Nonfriable |
| Drywall (Miscellaneous) | Kitchen, 2523 side | 17 | 17-2 | None Detected | Nonfriable |
| Joint compound (Miscellaneous) | Kitchen, 2523 side | 18 | 18-1 | None Detected | Nonfriable |
| Joint compound (Miscellaneous) | Kitchen, 2523 side | 18 | 18-2 | None Detected | Nonfriable |
| 12" Ceiling tile (Miscellaneous) | Front bedroom, 2523 side | 19 | 19-1 | None Detected | Friable |
| 12" Ceiling tile (Miscellaneous) | Front bedroom, 2523 side | 19 | 19-2 | None Detected | Friable |

Table 1-3

TABLE 1: BULK SAMPLE DATA SUMMARY

| SAMPLE DESCRIPTION (Material Type) | SAMPLE LOCATION | HOMO AREA # | SAMPLE I.D. NO. | ASBESTOS CONTENT | FRIABLE/ NONFRIABLE |
|---|------------------------|--------------------|------------------------|-------------------------|--------------------------------|
| Black and white sheet flooring (Miscellaneous) | Bathroom, 2523 side | 20 | 20-1 | None Detected | Nonfriable |
| Black and white sheet flooring (Miscellaneous) | Bathroom, 2523 side | 20 | 20-2 | None Detected | Nonfriable |
| Textured wall (Surfacing, <1,000 sf) | Bathroom, 2523 side | 21 | 21-1 | None Detected | Nonfriable |
| Textured ceiling (Surfacing, <1,000 sf) | Bathroom, 2523 side | 21 | 21-2 | None Detected | Nonfriable |
| Textured wall (Surfacing, <1,000 sf) | Bathroom, 2523 side | 21 | 21-3 | None Detected | Nonfriable |

*Quantified By PLM Point Count Method

TABLE 2 - ASBESTOS INVENTORY

| Location | Type ACM | Material Description | Amt. of Material (approx.) |
|----------|----------|----------------------|----------------------------|
|----------|----------|----------------------|----------------------------|

The following asbestos-containing materials are located in the vacant residences located at 2521-2523 North Main Street, Dayton.

| | | | |
|----------------------------------|------|--|--------|
| Basement, 2521 side | RACM | Duct insulation | 10 sf |
| Basement, 2521 side | RACM | Heat shield | 5 sf |
| Basement to 2nd floor, 2521 side | RACM | Duct insulation (concealed behind hard wall and ceiling plaster) | 100 sf |
| Basement, 2523 side | RACM | Duct insulation | 85 sf |
| Basement to 2nd floor, 2523 side | RACM | Duct insulation (concealed behind hard wall and ceiling plaster) | 100 sf |

Table 2-1

TABLE 3 - COST ESTIMATE

| Location | Type ACM | Material Description | Cost for abatement (approx.) |
|---|-------------|---|------------------------------------|
| The following asbestos-containing materials are located in the vacant residences located at 2521-2523 North Main Street, Dayton. | | | |
| Basement, 2521 side | RACM | Duct insulation | \$250.00 |
| Basement, 2521 side | RACM | Heat shield | \$250.00 |
| Basement to 2nd floor, 2521 side | RACM | Duct insulation (concealed behind hard wall and ceiling plaster) | \$2,500.00 |
| Basement, 2523 side | RACM | Duct insulation | \$1,700.00 |
| Basement to 2nd floor, 2523 side | RACM | Duct insulation (concealed behind hard wall and ceiling plaster) | \$2,500.00 |

Table 3-1



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Asbestos Bulk Analysis Report

Client: Sierra Environment Group Inc.
 1041 Straight Street
 Cincinnati, OH 45214

Report Number: 15-12-00142

Received Date: 12/02/2015
Analyzed Date: 12/03/2015
Reported Date: 12/03/2015

Project/Test Address: MCLB.003; 2521-2523 N Main St

Client Number:
 36-6195

Fax Number:
 513-542-6653

Laboratory Results

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------|----------------------|------------|--------------------------------|----------|------------------|
| 15-12-00142-001 | 1-1 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-002 | 1-2 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-003 | 1-3 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-004 | 1-4 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-005 | 1-5 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00142

Project/Test Address: MCLB.003; 2521-2523 N Main St

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------------------------|----------------------|------------|--------------------------------|----------------------|------------------|
| 15-12-00142-006 | 1-6 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-007 | 1-7 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-008 | 2-1 | | Gray Granular; Homogeneous | Trace <1% Chrysotile | 100% Non-Fibrous |
| Total Asbestos: Trace <1% | | | | | |
| 15-12-00142-009 | 2-2 | | Gray Granular; Homogeneous | Trace <1% Chrysotile | 100% Non-Fibrous |
| Total Asbestos: Trace <1% | | | | | |
| 15-12-00142-010 | 2-3 | | Gray Granular; Homogeneous | Trace <1% Chrysotile | 100% Non-Fibrous |
| Total Asbestos: Trace <1% | | | | | |
| 15-12-00142-011 | 2-4 | | Gray Granular; Homogeneous | Trace <1% Chrysotile | 100% Non-Fibrous |
| Total Asbestos: Trace <1% | | | | | |
| 15-12-00142-012 | 2-5 | | Gray Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-013 | 2-6 | | Gray Granular; Homogeneous | NAD | 100% Non-Fibrous |

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00142

Project/Test Address: MCLB.003; 2521-2523 N Main St

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------|----------------------|------------|---|----------|---------------------------------|
| 15-12-00142-014 | 2-7 | | Gray Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-015 | 3-1 | | White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-016 | 3-2 | | White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-017 | 3-3 | | White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-018A | 4-1 | Tile | Green Vinyl; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-018B | 4-1 | Mastic | Tan Adhesive; Homogeneous | NAD | 4% Cellulose 96% Non-Fibrous |
| 15-12-00142-019A | 4-2 | Tile | Green Vinyl; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-019B | 4-2 | Mastic | Tan Adhesive; Homogeneous | NAD | 5% Cellulose 95% Non-Fibrous |

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00142

Project/Test Address: MCLB.003; 2521-2523 N Main St

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------|----------------------|------------|--|----------------------------|---------------------------------|
| 15-12-00142-020 | 5-1 | | Tan/White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-021 | 5-2 | | Tan/White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-022 | 5-3 | | Tan/White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-023 | 6-1 | | Gray Fibrous; Homogeneous | 58% Chrysotile | 35% Cellulose 7% Non-Fibrous |
| | | | | Total Asbestos: 58% | |
| 15-12-00142-024 | 7-1 | | Gray Powder; Gray Fibrous; Homogeneous | 50% Chrysotile | 50% Non-Fibrous |
| | | | | Total Asbestos: 50% | |
| 15-12-00142-025 | 8-1 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-026 | 8-2 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-027 | 8-3 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00142

Project/Test Address: MCLB.003; 2521-2523 N Main St

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------|----------------------|------------|--|----------|--------------------------------------|
| 15-12-00142-028 | 9-1 | | White Granular; Green Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-029 | 9-2 | | White Granular; Green Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-030 | 9-3 | | White Granular; Green Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-031 | 10-1 | | White Brittle; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-032 | 10-2 | | White Brittle; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-033 | 11-1 | | Brown Fibrous; Homogeneous | NAD | 91% Cellulose 9% Non-Fibrous |
| 15-12-00142-034 | 11-2 | | Brown Fibrous; Homogeneous | NAD | 91% Cellulose 9% Non-Fibrous |
| 15-12-00142-035 | 12-1 | | Black Tar-Like; Gray Granular; Inhomogeneous | NAD | 14% Fibrous Glass 86% Non-Fibrous |

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00142

Project/Test Address: MCLB.003; 2521-2523 N Main St

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------|----------------------|------------|---|----------|--------------------------------------|
| 15-12-00142-036 | 12-2 | | Black Tar-Like; Gray Granular; Inhomogeneous | NAD | 14% Fibrous Glass 86% Non-Fibrous |
| 15-12-00142-037 | 13-1 | | Black Tar-Like; Green Granular; Inhomogeneous | NAD | 23% Cellulose 77% Non-Fibrous |
| 15-12-00142-038 | 13-2 | | Black Tar-Like; Green Granular; Inhomogeneous | NAD | 23% Cellulose 77% Non-Fibrous |
| 15-12-00142-039 | 14-1 | | Black Tar-Like; Gray Granular; Inhomogeneous | NAD | 14% Fibrous Glass 86% Non-Fibrous |
| 15-12-00142-040 | 14-2 | | Black Tar-Like; Gray Granular; Inhomogeneous | NAD | 14% Fibrous Glass 86% Non-Fibrous |
| 15-12-00142-041 | 15-1 | | White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-042 | 15-2 | | White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-043 | 15-3 | | White Granular; White Paint; Inhomogeneous | NAD | 100% Non-Fibrous |

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00142

Project/Test Address: MCLB.003; 2521-2523 N Main St

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------|----------------------|------------|---|----------|----------------------------------|
| 15-12-00142-044A | 16-1 | Tile | Beige/Gray Vinyl; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-044B | 16-1 | Mastic | Clear Adhesive; Homogeneous | NAD | 2% Cellulose 98% Non-Fibrous |
| 15-12-00142-045A | 16-2 | Tile | Beige/Gray Vinyl; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-045B | 16-2 | Mastic | Clear Adhesive; Homogeneous | NAD | 2% Cellulose 98% Non-Fibrous |
| 15-12-00142-046 | 17-1 | | White Powder; Brown Fibrous; Inhomogeneous | NAD | 20% Cellulose 80% Non-Fibrous |
| 15-12-00142-047 | 17-2 | | White Powder; Homogeneous | NAD | 4% Cellulose 96% Non-Fibrous |
| 15-12-00142-048 | 18-1 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-049 | 18-2 | | White Granular; Homogeneous | NAD | 100% Non-Fibrous |

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00142

Project/Test Address: MCLB.003; 2521-2523 N Main St

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------|----------------------|------------|--|----------|---------------------------------|
| 15-12-00142-050 | 19-1 | | Brown Fibrous; Homogeneous | NAD | 95% Cellulose 5% Non-Fibrous |
| 15-12-00142-051 | 19-2 | | Brown Fibrous; Homogeneous | NAD | 95% Cellulose 5% Non-Fibrous |
| 15-12-00142-052A | 20-1 | Tile | Black/White Vinyl; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-052B | 20-1 | Mastic | Yellow/Clear Adhesive; Homogeneous | NAD | 2% Cellulose 98% Non-Fibrous |
| 15-12-00142-053A | 20-2 | Tile | Black/White Vinyl; Homogeneous | NAD | 100% Non-Fibrous |
| 15-12-00142-053B | 20-2 | Mastic | Yellow/Clear Adhesive; Homogeneous | NAD | 2% Cellulose 98% Non-Fibrous |
| 15-12-00142-054 | 21-1 | | Green/White Granular; White Paint; Inhomogeneous | NAD | 3% Cellulose 97% Non-Fibrous |
| 15-12-00142-055 | 21-2 | | Green/White Granular; White Paint; Inhomogeneous | NAD | 4% Cellulose 96% Non-Fibrous |

Environmental Hazards Services, L.L.C

Client Number: 36-6195

Report Number: 15-12-00142

Project/Test Address: MCLB.003; 2521-2523 N Main St

| Lab Sample Number | Client Sample Number | Layer Type | Lab Gross Description | Asbestos | Other Materials |
|-------------------|----------------------|------------|--|----------|---------------------------------|
| 15-12-00142-056 | 21-3 | | Green/White Granular; White Paint; Inhomogeneous | NAD | 3% Cellulose 97% Non-Fibrous |

QC Sample: 71-M12013-2

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Christian H. Schaible

Reviewed By Authorized Signatory:

Melissa Kanode

Missy Kanode
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected



Analyst Signature Page

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Report Number: 15-12-00142

Client: Sierra Environment Group Inc.
1041 Straight Street
Cincinnati, OH 45214

Received Date: 12/02/2015

Analyzed Date: 12/03/2015

Reported Date: 12/03/2015

Client Number: 36-6195

Project/Test Address: MCLB.003; 2521-2523 N Main St

Analyst(s)

A handwritten signature in cursive script, appearing to read "Christian H. Schaible".

Christian H. Schaible



EHS Laboratories

Environmental Hazards Services, LLC

www.leadlab.com 7469 Whitepine Rd
(800)347-4010 Richmond, VA 23237
(804)275-4907 (fax)

56 pm

Asbestos Chain-of-Custody

15-12-00142



Due Date:
12/07/2015
(Monday)
AE M Inv *CAJ*

Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, OH 45214

Phone: (513) 542-5323 Fax: () E-mail: Acct. Number: 36-6195

Project Name / Testing Address: *MCLB, 003 - 2521-2523 N. Main St.* City/State (Required):

Collected by: *T. Taylor* Purchase Order Number: _____

Turn Around Times: *2* 1 - Day *3* 2 - Day *3* 3 - Day Same Day (Must Call Ahead) Weekend (Must Call Ahead)

If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

| No. | Client Sample ID | Date Collected | ASBESTOS | | | | | | AIR | | | Volume (Total Liters) | COMMENTS | |
|-----|------------------|----------------|----------|---------------------|----------------------|-----------------|-----|----------------------|-----------------|---------|----------|-----------------------|----------|---------------------------|
| | | | PLM | PLM Point Count 400 | PLM Point Count 1000 | PLM NV Protocol | PCM | TEM Certified (Bulk) | TEM AHERA (Air) | Time On | Time Off | | | Flow Rate (L/min) |
| 1 | 1-1 | 12-1-15 | - | | | | | | | | | | | Stop at 1" positive - STP |
| 2 | 1-2 | ↓ | - | | | | | | | | | | STP | |
| 3 | 1-3 | | - | | | | | | | | | | | |
| 4 | 1-4 | | - | | | | | | | | | | | |
| 5 | 1-5 | | - | | | | | | | | | | | |
| 6 | 1-6 | | - | | | | | | | | | | | |
| 7 | 1-7 | | - | | | | | | | | | | | |
| 8 | 2-1 | | - | | | | | | | | | | | |
| 9 | 2-2 | | - | | | | | | | | | | | |
| 10 | 2-7 | | ↓ | ✓ | | | | | | | | | | |

Released by: *T. Taylor* Signature: *[Signature]* Date/Time: *12/2/15*

Received by: *T. Johnson* Signature: *[Signature]* Date/Time: *12/2/15*



Environmental Hazards Services, LLC
 www.leadlab.com 7469 Whitepine Rd
 (800)347-4010 Richmond, VA 23237
 (804)275-4907 (fax)

Asbestos Chain-of-Custody

~ For Lab Use Only ~

142

08/5

Company Name: Sierra Environmental Group, Inc. Address: 1041 Straight Street City/State/Zip: Cincinnati, OH 45214
 Phone: (513) 542-5323 Fax: () E-mail: Acct. Number: 36-6195
 Project Name / Testing Address: MCLB, 003- City/State (Required):
 Collected by: T. Taylor Purchase Order Number:

Turn Around Times: 2 - Day 3 - Day 1 - Day 2 - Day 3 - Day
 Same Day (Must Call Ahead) Weekend (Must Call Ahead)

If no TAT is specified, sample(s) will be processed and charged as 3-day TAT.

| No. | Client Sample ID | Date Collected | ASBESTOS | | | | | | AIR | | | Volume (Total Liters) | COMMENTS | |
|-----|------------------|----------------|----------|---------------------|----------------------|-----------------|-----|----------------------|-----------------|---------|----------|-----------------------|----------|-------------------|
| | | | PLM | PLM Point Count 400 | PLM Point Count 1000 | PLM NY Protocol | PCM | TEM Certified (Bulk) | TEM AHERA (Air) | Time On | Time Off | | | Flow Rate (L/min) |
| 1 | 2-4 | 12-1-15 | - | | | | | | | | | | | |
| 2 | 2-5 | ↓ | - | | | | | | | | | | | |
| 3 | 2-6 | | - | | | | | | | | | | | |
| 4 | 2-7 | | - | | | | | | | | | | | |
| 5 | 3-1 | | - | | | | | | | | | | | |
| 6 | 3-2 | | - | | | | | | | | | | | |
| 7 | 3-3 | | - | | | | | | | | | | | |
| 8 | 4-1 | | - | | | | | | | | | | | |
| 9 | 4-2 | | - | | | | | | | | | | | |
| 10 | 5-1 | | - | | | | | | | | | | | |

Released by: T. Taylor Signature: [Signature] Date/Time: 12-1-15
 Received by: T. Taylor Signature: [Signature] Date/Time: 12-1-15



Environmental Hazards Services, L.L.C.
 7469 Whitepine Rd
 Richmond, VA 23237
 Telephone: 800.347.4010

Asbestos 400 Point Count Analysis Report

Client: Sierra Environment Group Inc.
 1041 Straight Street
 Cincinnati, OH 45214

Report Number: 15-12-00371

Received Date: 12/02/2015

Analyzed Date: 12/03/2015

Reported Date: 12/03/2015

Project/Test Address: MCLB.003; 2521-2523 N. Main St.; EHS# 15-12-00142

Client Number:
 36-6195

Fax Number:
 513-542-6653

Laboratory Results

| Lab Sample Number | Client Sample Number | Lab Gross Description | % Asbestos | Narrative ID |
|-------------------|----------------------|-----------------------|--------------------|--------------|
| 15-12-00371-001 | 2-1 | Gray Granular | 0.25 % Chrysotile | |
| 15-12-00371-002 | 2-2 | Gray Granular | 0.25 % Chrysotile | |
| 15-12-00371-003 | 2-3 | Gray Granular | <0.25 % Chrysotile | A12 |
| 15-12-00371-004 | 2-4 | Gray Granular | 0.25 % Chrysotile | |

Sample Narratives:

A12: Chrysotile fibers observed but did not fall under any counted points.

Reporting Limit: 0.25 % Asbestos

Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020

Analyst: Christian H. Schaible

Reviewed By Authorized Signatory:

Julie Dickerson
 Laboratory Administrator

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172.

LEGEND NAD = No Asbestos Detected



Analyst Signature Page

Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

Report Number: 15-12-00371

Client: Sierra Environment Group Inc.
1041 Straight Street
Cincinnati, OH 45214

Received Date: 12/03/2015

Analyzed Date: 12/03/2015

Reported Date: 12/03/2015

Client Number: 36-6195

Project/Test Address: MCLB.003; 2521-2523 N. Main St.; EHS# 15-12-00142

Analyst(s)

A handwritten signature in cursive script, appearing to read "Christian H. Schaible".

Christian H. Schaible



POINT COUNT REQUEST FORM

15-12-00371



Environmental Hazards Services, L.L.C.
7469 Whitepine Rd
Richmond, VA 23237
Telephone: 800.347.4010

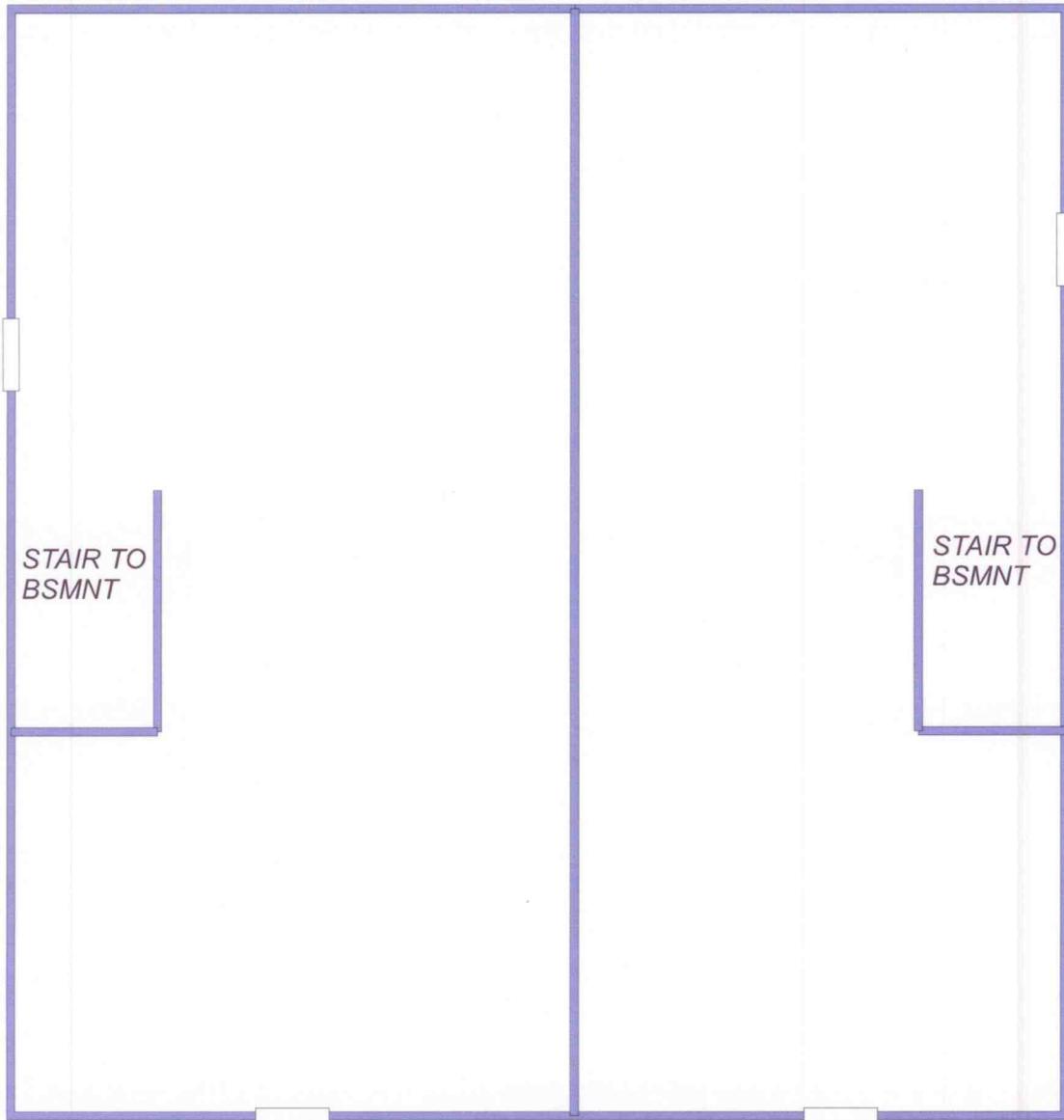
Due Date:
12/07/2015
(Monday)
AE M Inv

Received Date: 12/03/2015
Client #: 36-6195
Company Name: Sierra Environment Group Inc.
Project/Test Address: MCLB.003; 2521-2523 N. Main St.; EHS# 15-12-00142
Analysis Requested: 400 P & C

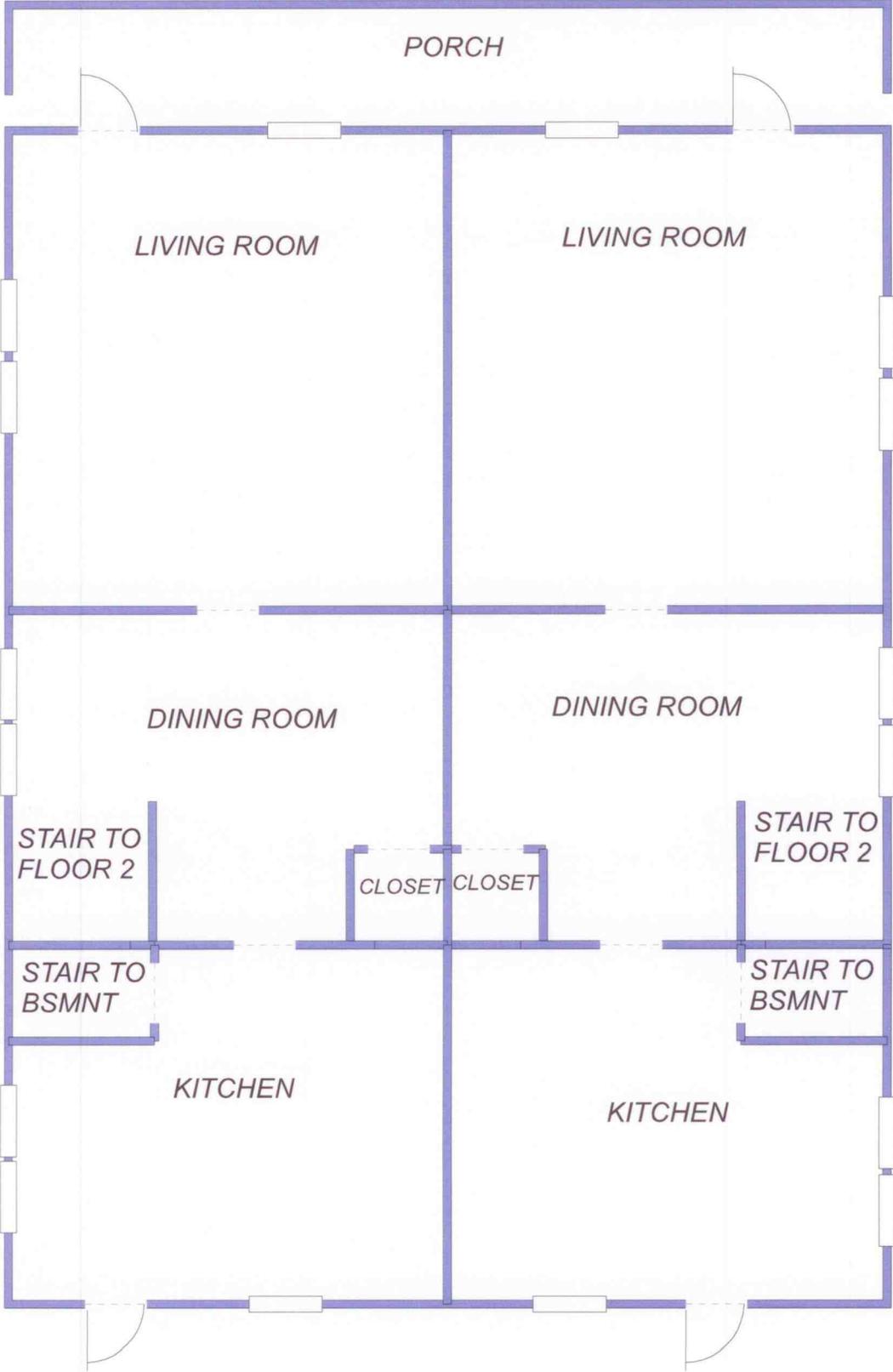
Table with 3 columns: Client Sample #, EHS Sample #, Sample Location and/or Comments. Contains handwritten entries for samples 2-1 through 2-4.

Summary table with 6 columns: Date Samples Received, Received By, Original Analyst, Date Analyzed, Date Request Received, Received By. Contains handwritten data for sample 12/2/15.

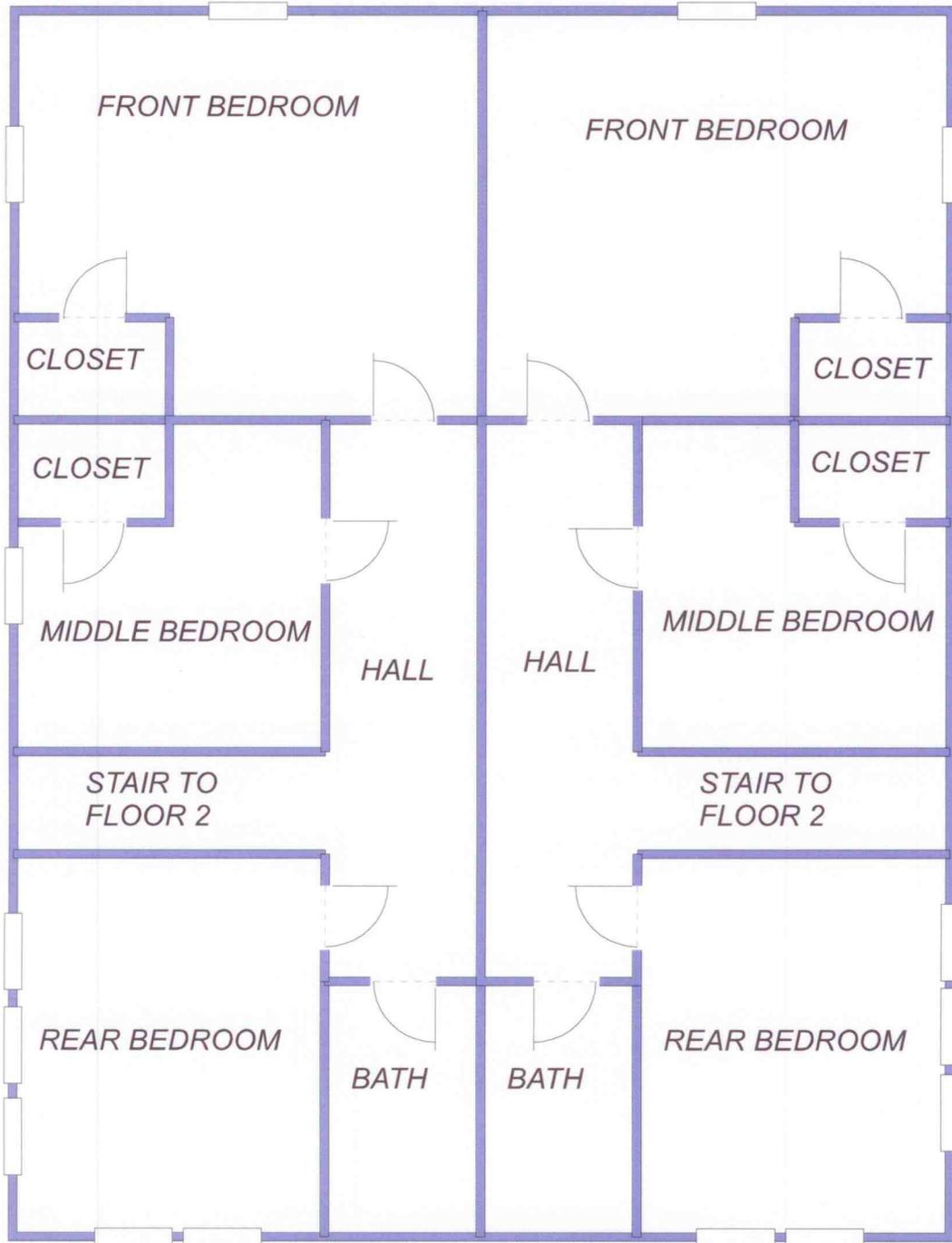
2521 - 2523 NORTH MAIN STREET
BASEMENT



2521 - 2523 NORTH MAIN STREET
FIRST FLOOR

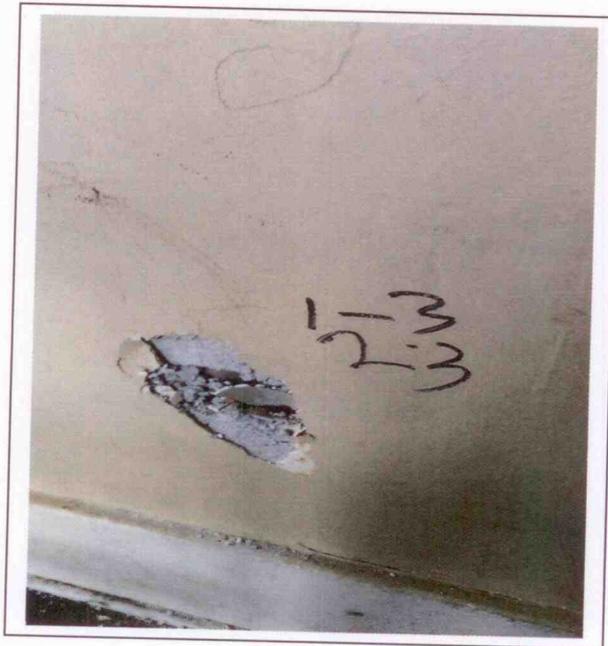


2521 - 2523 NORTH MAIN STREET
SECOND FLOOR

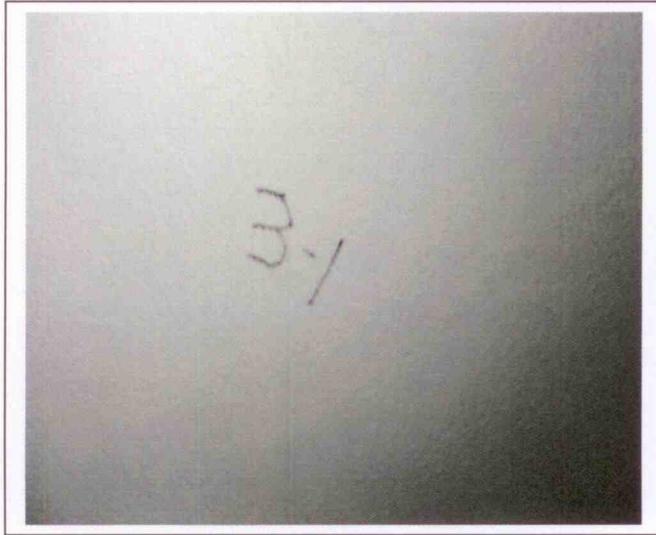




2521-2523 North Main Street



Hard wall and ceiling plaster



Textured ceiling



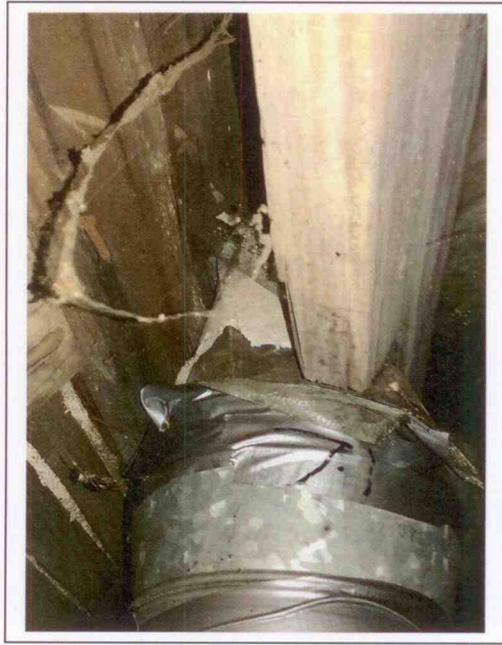
12" Green sticky back floor tile



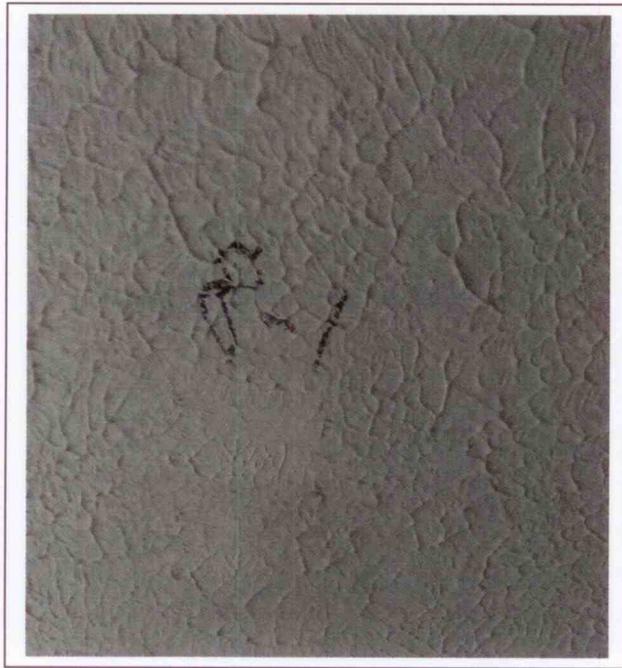
Textured ceiling, swirl pattern



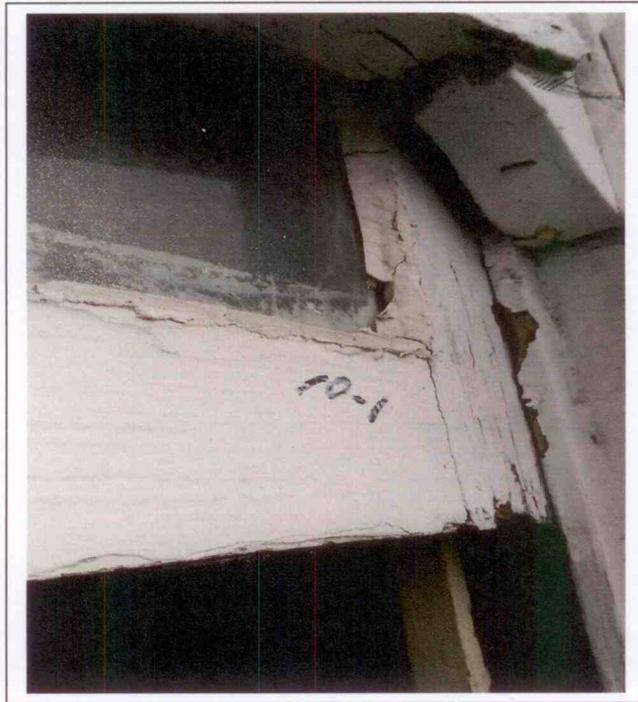
Heat shield



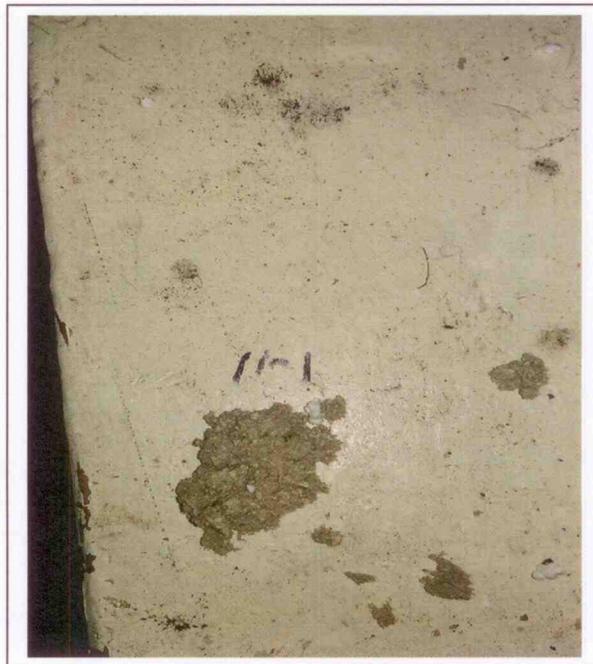
Duct insulation



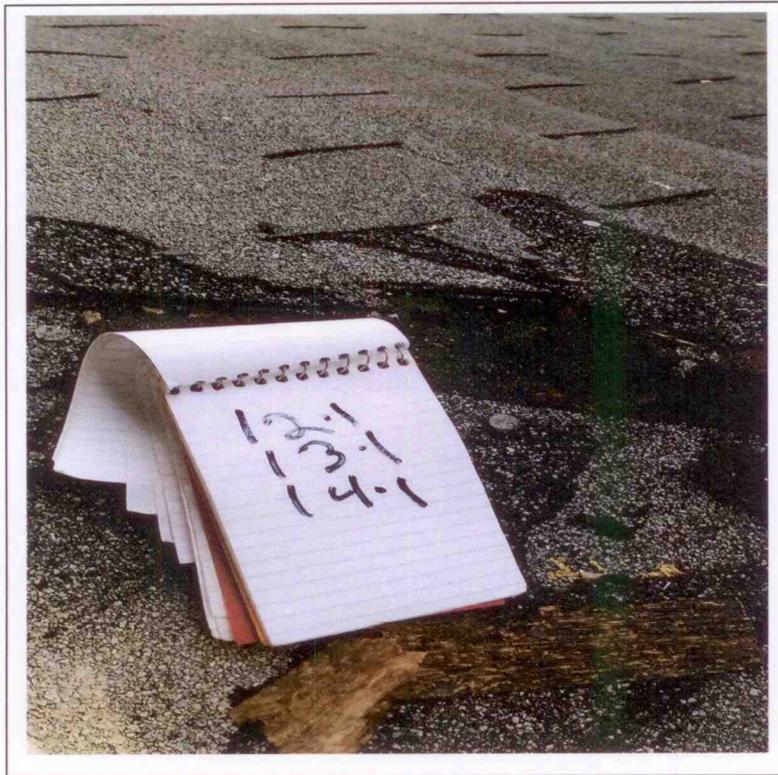
Textured ceiling



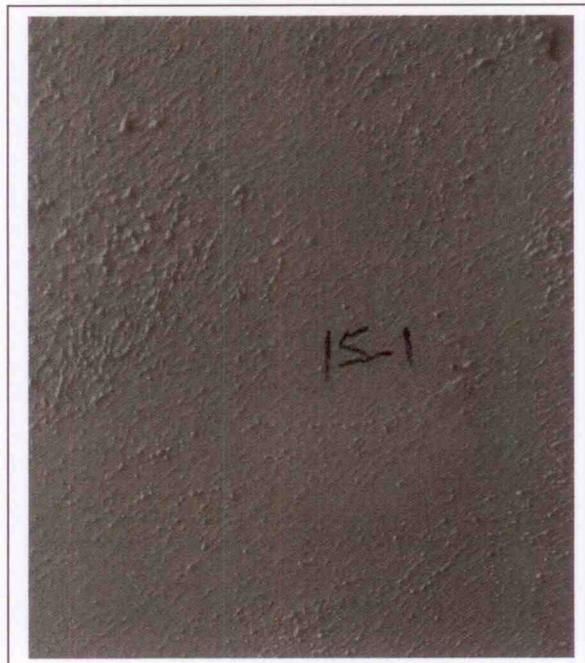
Window glaze



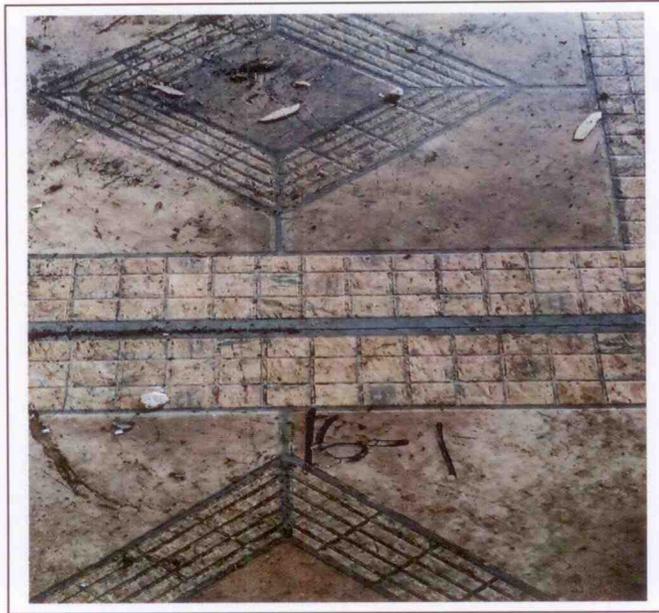
Blown-in insulation



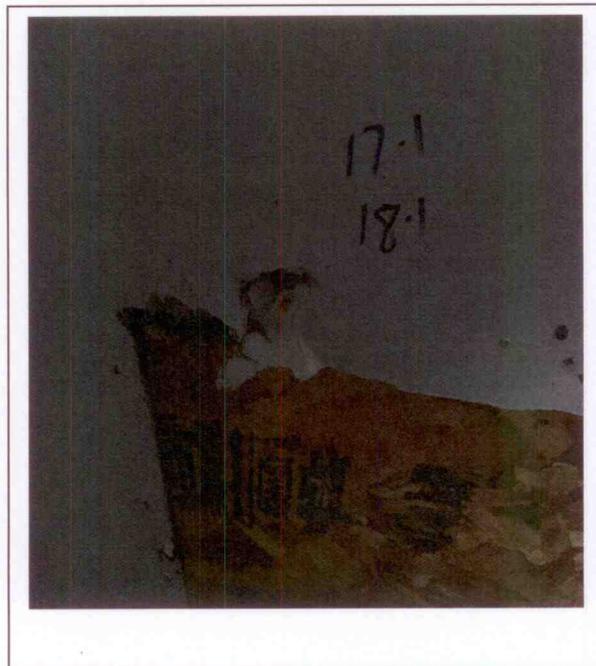
Black, green and tan asphalt roof shingles



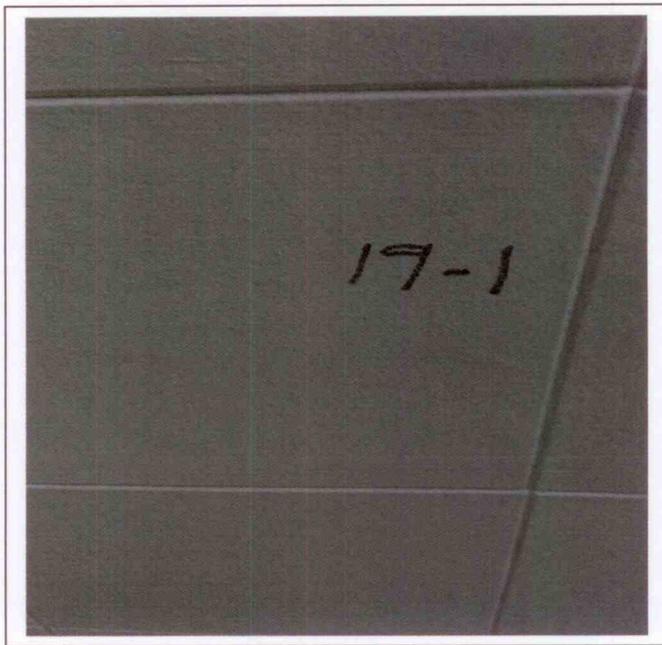
Textured ceiling



12" Diamond pattern sticky back floor tile



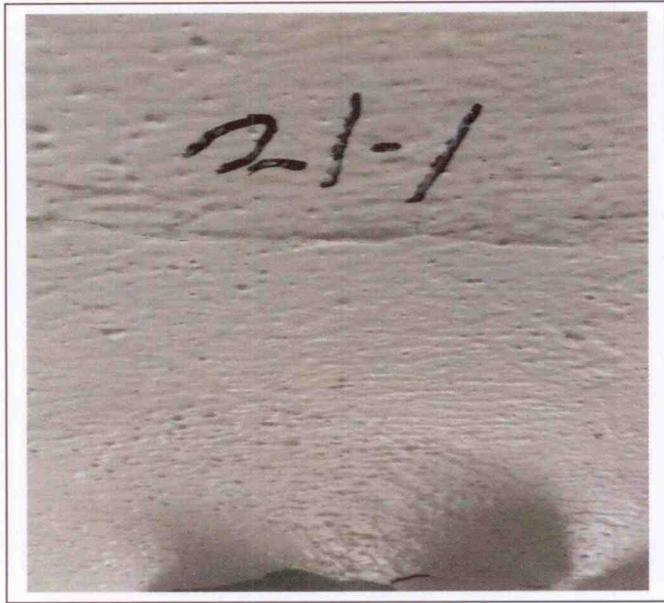
Drywall and associated joint compound



12" Ceiling tile



Black and white sheet flooring



Textured wall and ceiling



OHIO DEPARTMENT OF HEALTH

246 North High Street
Columbus, Ohio 43215

614/466-3543
www.odh.ohio.gov

John R. Kasich/Governor

Richard Hodges/Director of Health

November 13, 2015

Charles F Callahan
Sierra Environmental Group
1041 Straight Street
Cincinnati OH 45214

RE: Asbestos Hazard Evaluation Specialist
Certification Number: ES31960
Expiration Date: 11/13/2016

Dear Charles F Callahan:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of Health for violation of any of the requirements of 3701-34 of the Ohio Administrative Code.

If you have any questions, please call Kathy Butcher, Licensure Specialist, at 614-644-0226.

Sincerely,

Bill Robbins, Section Chief
Bureau of Licensure Operations
Office of Health Assurance and Licensing



OHIO DEPARTMENT OF HEALTH

614/466-3513
www.odh.ohio.gov

Richard Hedges/Director of Health

May 12, 2015

Todd E. Taylor
Sierra Environmental Group, Inc.
1041 Straight Street
Cincinnati OH 45214

RE: Asbestos Hazard Evaluation Specialist
Certification Number: ES32139
Expiration Date: 05/19/2016

Dear Todd E Taylor:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of Health for violation of any of the requirements of 3701-34 of the Ohio Administrative Code.

If you have any questions, please call Kathy Butcher, Licensure Specialist, at 614-644-0226.

Sincerely,

Bill Robbins, Section Chief
Bureau of Licensure Operations
Office of Health Assurance and Licensing

State of Ohio
Department of Health
Asbestos Program

Asbestos Hazard Evaluation Specialist



Todd E Taylor
Sierra Environmental Group, Inc.
1041 Straight Street
Cincinnati OH 45214

Certification Number: **ES32139** Expiration Date: **05/19/2016**

DOB: 07/23/1967

This certification is issued pursuant to Chapter 3710 of the Ohio Administrative Code. Certification cards are not valid if altered.

August 26, 2015

Christopher P Kuettnner
Sierra Environmental Group, Inc.
1041 Straight Street
Cincinnati OH 45214

RE: Asbestos Hazard Evaluation Specialist
Certification Number: FS33689
Expiration Date: 10/14/2016

Dear Christopher P Kuettnner:

This letter and enclosed certification card approves your request to be certified as an Asbestos Hazard Evaluation Specialist. You must present your card upon request at any project site while performing duties. Copies of cards are not acceptable as proof of certification.

This certification may be revoked by the Director of Health for violation of any of the requirements of 3701-34 of the Ohio Administrative Code.

If you have any questions, please call Kathy Butcher, Licensure Specialist, at 614-644-0226.

Sincerely,

Bill Robbins, Section Chief
Bureau of Licensure Operations
Office of Health Assurance and Licensing

State of Ohio
Department of Health
Asbestos Program

Asbestos Hazard Evaluation Specialist



Christopher P Kuettnner
Sierra Environmental Group, Inc.
1041 Straight Street
Cincinnati OH 45214

| DOB | Certification Number | Expiration Date |
|------------|----------------------|-----------------|
| 11/17/1958 | FS33689 | 10/14/2016 |

Printed on 8/26/2015 10:14:14 AM. For more information, please contact the Bureau of Licensure Operations, 1600 Ross Street, Columbus, OH 43260-1196. Tel: 614-644-0226. Fax: 614-644-0227.