# APPENDIX B

## ENVIRONMENTAL MATERIALS CONSULTANTS, INC.

ENVIRONMENTAL
MATERIALS
CONSULTANTS, INC.

April 17, 2020

Mr. Harrell G. Gandy, AIA
PH&J Architects, Inc.
807 South McDonough Street
Montgomery, AL 36104

Subject: Hazardous/Regulated Materials Assessments
Alexander City's City Hall and Police Department Buildings

Dear Mr. Gandy:

In accordance with our proposal EMC has completed hazardous materials surveys/testing at Alexander City's City Hall. Using that data, and data from our 2008 hazardous materials survey of their Police Department Building we have also compiled general information regarding likely "environmental-related" costs associated with renovating or demolishing each building. This report presents our findings.

BACKGROUND INFORMATION

The City of Alexander City is considering options for their City Hall and Police Department buildings. In order to make informed decisions the City needs to know what hazardous/regulated materials are present within those buildings, and what costs may be associated with dealing with those hazardous/regulated materials if they decide to renovate or demolish the buildings. Hazardous/regulated materials surveys/ testing was required for City Hall, but not for the Police Department, because that work was performed by EMC in 2008, and no renovations have since occurred. Roofing materials were not included in either asbestos survey because collecting samples of roofing materials requires cutting holes in the roof, which can cause leaks and void the roofing bond.

ASBESTOS SURVEY OF CITY HALL

I initially toured City Hall on April 2nd and then returned with my colleague Hadley Smith on April 10th. During those tours Hadley and I noted forty materials that are considered suspect to contain asbestos. Except for the soffit panels on the front of the building, which we could not safely sample, bulk samples of the other suspect materials were obtained in general accordance with EPA recommendations. After sampling, the bulk samples were forwarded to EMSL Analytical in Smyrna, GA, a NVLAP accredited laboratory. Hadley and I are accredited asbestos inspectors, Alabama Accreditation Numbers AIN0619539627 and APL032034206. The NVLAP lab code for EMSL's Smyrna lab is 101048-1.

The bulk samples were analyzed by polarized light microscopy (PLM) coupled with dispersion staining. This technique is used to identify asbestos fibers by their shape and unique optical properties. The analyses identified five asbestos-containing materials (ACM), a spray-applied ceiling finish, a 9" floor tile, two floor tile mastics, and a white coating/sealant on fiberglass pipe insulation. Although our samples of the 9" floor tile did not include mastic, we have assumed the mastic used with that tile does contain asbestos. A summarization of the analytical results is provided in a table included with this report. Specific data for each sample analysis is shown on the enclosed analytical data sheets and chain of custody form.

ASBESTOS SURVEY OF THE POLICE DEPARTMENT

EMC's 2008 survey of the Police Department revealed the following asbestos-containing materials: cementitious boiler insulation, cementitious boiler flue insulation, cementitious boiler door insulation, cementitious pipe run insulation, cementitious pipe fitting insulation, heat shield, white duct tape, glazing putty, caulk, floor tile (six types), and floor tile mastic (seven types). For reference, a copy of the text and tables from EMC's 2008 report is included with this report.

ASBESTOS COMMENTS

Roofing and roof-mounted materials were not included in the scope of either asbestos survey. The exposed roofs of both buildings appear to be modified bitumen, which is unlikely to contain asbestos. There are however areas where roofing cements and other coatings/sealants are applied, and those

materials are more likely to contain asbestos. There may also be underlying roofing materials that are more likely to contain asbestos.

At City Hall the spray-applied ceiling finish is a friable asbestos-containing material. At the Police Department, EMC's 2008 asbestos survey identified the following friable asbestos-containing materials: cementitious boiler insulation, cementitious boiler flue insulation, cementitious boiler door insulation, cementitious pipe run insulation, cementitious pipe fitting insulation, heat shield, white duct tape, glazing putty, and caulk. EPA's NESHAP regulation classifies all friable asbestos-containing materials as regulated asbestos containing-materials (RACM) and requires that they be properly removed and disposed prior to renovation or demolition activities that will disturb them.

The asbestos floor tiles identified in both buildings, and any asphalt roofing materials containing asbestos, are classified by the EPA as category I non-friable asbestos-containing materials. Category I non-friable materials are only regulated under NESHAP if they become friable, or will be, or have been subjected to sanding, grinding, cutting, or abrading.

The floor tile mastics, white coating/sealant, and soffit panels at City Hall, and the floor tile mastics at the Police Department are classified by the EPA as category II non-friable asbestos-containing materials. Category II non-friable materials are only regulated under NESHAP if they become friable, or have a high probability of becoming or have become crumbled, pulverized, or reduced to a powder by forces expected to act on them.

EPA requires all asbestos be removed from a building before that building is intentionally burned.

OSHA considers removal of the spray-applied ceiling finish, the heat shield, and all of the asbestos insulations to be class I asbestos work, and removal of the other identified asbestos-containing materials, or demolition of buildings containing those type materials, to be class II asbestos work. OSHA's requirements for class I asbestos work are more stringent than their requirements for class II work, and for both classes they require establishment of regulated areas, supervision by a competent person, worker training, adherence to specified work practices, and respiratory protection (or documentation that it is not required).

The Alabama Department of Environmental Management (ADEM) requires that all asbestos wastes be disposed in a permitted facility. Friable asbestos waste must be properly contained and labeled, and can only be disposed in a landfill that is specifically permitted to accept friable asbestos waste. ADEM does not allow asbestos materials to be recycled.

LEAD-BASED PAINT TESTING AT CITY HALL

On April 2nd I also made observations of City Hall for painted/glazed surfaces. Based on those observations I performed x-ray fluorescence (XRF) testing to determine if significant areas of lead-based paint/glaze are present. A total of sixty-four lead level readings were taken, of which six were calibration readings. I am an accredited lead paint inspector, AL Accreditation No. LIN081834206.

EPA defines lead-based paint (LBP) as paint with a lead content equal to or in excess of 1.0 $mg/cm^2$. Paints/glazes tested during this job are considered LBP if the testing revealed a lead concentration greater than or equal to 1.0 $mg/cm^2$. Any readings that fell within the instrument's inconclusive range are reported as 1.0 $mg/cm^2$, and are therefore shown to be LBP.

Lead-based paint was identified at four of the tested locations. Those tests were on a metal stair rail, a wooden column, and the door and door casing of the basement vault. At twelve tested locations lesser amounts of lead were detected, and at forty-two tested locations no lead was detected in the paint/glaze. Testing data for each tested location is provided in the attached table. That data represents the lead content of paint at the specific tested locations on the date of testing, and within the accuracy range of the XRF instrument.

LEAD-BASED PAINT TESTING AT THE POLICE DEPARTMENT

EMC's 2008 lead-based paint testing at the Police Department revealed lead-based paint at seven of the sixty-nine tested locations. Those locations were on plaster walls within the courtroom and a 1st floor training room, on two metal window sashes, and on a metal wall within cell block A. At twenty-eight tested locations lesser amounts of lead were detected, and at thirty-four of the sixty-nine tested locations

no lead was detected in the paint/glaze.

LEAD COMMENTS

I am not aware of any regulatory requirement to remove lead-based paint, except in residential or child occupied facilities under certain circumstances.

OSHA regulations require contractors to protect their employees from exposure to elevated airborne lead concentrations, and those concentrations could result from disturbing paints/glazes with even trace amounts of lead.

EPA regulations for determining if a lead-containing waste stream is hazardous are based on the amount of lead that will leach out of the waste stream, not the total amount of lead in the waste stream, and therefore require specific testing of the renovation or demolition waste stream. EPA regulations require that waste streams containing lead be tested to determine if they are hazardous and then properly disposed.

OTHER HAZARDOUS/REGULATED MATERIALS

Other hazardous/regulated materials issues that could impact renovation or demolition activities include:

Fluorescent Lamps and Ballasts - There are fluorescent light fixtures throughout both buildings. All fluorescent lamps contain mercury, and light ballasts not marked "No PCBs" could contain PCB oil. All mercury lamps and fluorescent light ballasts that are taken out of service must be removed and properly disposed or recycled.

Mercury Switches - Many older thermostats, and switches within older HVAC equipment, contain vials of mercury. I did not note any mercury thermostats during my tours of the two buildings, but if any are present they should not be landfilled, but instead be properly disposed/recycled prior to renovation or demolition activities that will disturb them.

Lead Components - There are lead flashings around rooftop plumbing vent penetrations on both buildings, and there may be other lead components within the buildings. Lead components that will be removed during renovation or demolition work must be properly recycled.

Electronic Equipment/Components - Electronic equipment/components must be removed for use elsewhere, or be properly disposed, prior to building demolition.

Paints, Chemicals, and Cleaning Products - Paints, chemicals, and cleaning products should be removed for use elsewhere, or be properly disposed, prior to building demolition.

Refrigerants - Prior to renovations that will impact HVAC equipment or building demolition, Freon and other refrigerants must be properly reclaimed from HVAC and refrigeration equipment.

LIKELY ABATEMENT COSTS

ASBESTOS - I believe the greatest costs associated with hazardous/regulated materials will be removing and disposing of asbestos materials.

Asbestos removal is only required where renovation or demolition activities will disturb the asbestos materials. Additionally, only those asbestos materials that are, or will become, "regulated" under EPA's NESHAP regulations are required to be removed prior to building demolition. One caveat however is that asbestos materials cannot be recycled, so if concrete floor slabs are intended to be recycled, any associated asbestos floor tile and mastic, which can usually be demolished with the structure, will have to be properly removed and disposed.

Before City Hall can be demolished the asbestos ceiling finish and the cement-asbestos soffit panels will have to be removed, while all of the other identified asbestos materials can likely be demolished and disposed with the non-asbestos building components. Based on current asbestos removal costs, pre-demolition removal of the asbestos ceiling finish and the cement-asbestos soffit panels from City Hall is likely to cost in the range of $20,000.

Before the Police Department can be demolished the cementitious boiler insulation, cementitious boiler flue insulation, cementitious boiler door insulation, cementitious pipe run insulation,

cementitious pipe fitting insulation, heat shield, white duct tape, glazing putty, and caulk will have to be removed, while all of the other identified asbestos materials can likely be demolished and disposed with the non-asbestos building components. The boiler and flue insulations, glazing putty and caulk are relatively easy to quantify, but there could be significant quantities of pipe insulation and duct tape within walls/chases or at other locations that were inaccessible to EMC during our site visits. Based on current asbestos removal costs, and assumptions regarding quantities of asbestos pipe insulation and duct tape that may be within walls, chases, or other inaccessible locations, I anticipate pre-demolition removal of the regulated asbestos-containing materials from the Police Department building is likely to cost in the range of $50,000.

Because the asbestos floor tile, mastic, and similar non-regulated asbestos materials can usually be demolished/disposed with the non-asbestos building materials there are not likely to be significant additional demolition cost associated with those materials. Asbestos removal should be included in the demolition project, so the demolition bidders are aware of the asbestos materials, and their associated responsibilities. If a bidder chooses to salvage or recycle building components to which non-regulated asbestos materials are attached, costs for removal of those asbestos materials will be offset by the salvage value, or savings in disposal cost, of the building component from which the asbestos materials were chosen to be removed.

Asbestos removal costs associated with renovations are dependent on the type and quantity of asbestos materials that must be removed, along with phasing and coordination requirements. For renovations OSHA regulations usually dictate removal of both regulated and non-regulated asbestos materials. Because of that requirement, and owner imposed phasing/coordination requirements, the cost of asbestos removal associated with renovation can be significantly higher than for demolition. For renovation budgeting purposes I suggest the following asbestos removal unit pricing. For small quantities, difficult access, and/or unusual phasing/coordination requirements, the costs will be higher.

| | | | |
|---|---|---|---|
| mobilization | $3,000 each | ceiling finish | $12/sf |
| boiler/flue insulation | $15/sf | pipe insulation | $10/lf |
| heat shield | $10/sf | duct tape | $10/lf |
| soffit panels | $10/sf | white coating/sealant | $2/lf |
| floor tile and/or mastic | $2/sf | caulk and glazing putty | $250/window or door |
| roofing | $5/sf | | |

LEAD COMPONENT/PAINT - For building demolition the contractor will need to remove/recycle the lead components, and have TCLP lead testing of the demolition waste stream. Based on EMC's lead paint testing I believe it is highly unlikely that testing will show the waste stream to be hazardous. For demolition, I therefore anticipate the cost of dealing with lead components and paints will be about $1,000 per building.

EMC's testing revealed very little lead-based paint within City Hall, and I anticipate little or no additional cost for renovation. If lead components are impacted by renovations they will need to be recycled. I anticipate that additional cost to be no more than $200.

EMC's lead paint testing at the Police Department revealed lead-based paint on the walls in the courtroom and a first floor training room. There may also be lead-based paint on the walls in rooms that were not tested. If renovations require significant sanding/scraping of those walls, or of other components with lead-based paint, lead-safe work practices should be employed, and painting costs may double. If lead components are impacted by renovations they will need to be recycled. I anticipate that additional cost to be no more than $300.

FLUORESCENT LAMPS/BALLASTS AND MERCURY SWITCHES - For building demolition I suggest budgeting $5,000 for removal/recycling of fluorescent lamps/ballasts and mercury switches from City Hall and $10,000 for removal/recycling of those items from the Police Department building. For renovations the costs will be proportionately smaller based on the number of fluorescent fixtures and switches that are impacted.

OTHER HAZARDOUS/REGULATED MATERIALS - Electronic equipment/components, paints, chemicals and cleaning products are not likely to be impacted by renovation projects, and are likely to be removed from the building for use elsewhere prior to building demolition. They therefore should have little cost impact on renovation or demolition projects. Whether for renovation or demolition, costs for reclaiming/recycling of refrigerants are typically included with mechanical estimates.

LIMITATIONS

EMC's observations, surveys, and testing were limited to exposed materials within City Hall and the Police Department buildings. We did not perform demolition of walls, ceilings, flooring materials, insulations, or ductwork to observe, sample, or test underlying materials. Determination of whether a suspect material contains asbestos was generally based on analyses of the minimum number of samples allowed by the EPA's AHERA regulations. Because of variations in the composition of some materials, and our inability to visually identify those variations, it is possible that not all asbestos-containing materials were identified. This report has been prepared for the use of PH&J Architects, Inc. and the City of Alexander City. No other warranties are expressed or implied.

I appreciate the opportunity for EMC to provide these services. Please do not hesitate to contact me if you have questions about this report.

Sincerely,
Environmental-Materials Consultants, Inc.

W. Haynes Kelley, Jr., P.E.
Principal Engineer

Enclosures

# ASBESTOS SURVEY SUMMARY
# CITY HALL
## ALEXANDER CITY, ALABAMA

EMC Project Number MA-3989
April 2020

| EMC HSA# | Material Description | General Location | Asbestos |
|---|---|---|---|
| 3989-01<br>3989-01a<br>**3989-01b** | floor tile, 12", gray and white mottled<br>mastic, yellow<br>**mastic, black *** | **public areas and vaults on main floor level, west side stairway, and much of lower level** | none detected<br>none detected<br>**5% chrysotile** |
| 3989-02 | ceiling tile, 1' x 1', crevassed surface | public areas and vaults on main floor | none detected |
| 3989-03 | carpet adhesive | throughout the building | none detected |
| 3989-04 | wallboard and joint compound (composite analyses) | scattered locations throughout the building | none detected |
| 3989-05 | ceiling tile, 2' x 2', gouges and pin holes, recessed grid | offices on main and upper floor levels | none detected |
| 3989-06 | caulk, interior | south wall of lobby | none detected |
| 3989-07 | ceiling tile, 2' x 2', gouges and pin holes | west side stairway and areas of middle and lower levels | none detected |
| 3989-08<br>3989-08a | stair tread, tan with cream and gray mottling<br>mastic, yellow | stairways from lobby | none detected<br>none detected |
| 3989-09 | cove base adhesive (composite analyses) | scattered locations throughout the building | none detected |
| 3989-10<br>3989-10a | stair tread, beige, cream, and gray mottled<br>mastic, yellow | main floor level stairs adjacent to elevator | none detected<br>none detected |
| 3989-11 | plaster (composite analyses) | throughout the building | none detected |
| 3989-12<br>3989-12a | floor tile, 18" x 10", stone pattern<br>mastic, yellow | data processing | none detected<br>none detected |
| 3989-13<br>3989-13a | stair tread, gray<br>mastic, yellow | stairs adjacent to data processing | none detected<br>none detected |
| 3989-14<br>3989-14a | stair tread, black<br>mastic, yellow | stairs from main floor to lower level | none detected<br>none detected |
| 3989-15 | ceiling tile, 2' x 2', crevasses and many pin holes | break room | none detected |
| 3989-16<br>**3989-16a** | floor tile, 12", cream with gray and brown spots<br>**mastic, black** | **break room** | none detected<br>**3% chrysotile** |
| 3989-17 | ceiling tile, 1' x 1', holes in row/column pattern | upper floor level attic areas | none detected |

Materials shown in bold have tested or are assumed to contain asbestos.
General location information is provided to assist in identifying the material, but may not list all locations where the material exists.
Reported asbestos percentages are visual estimations made by the microscopist.
Roofing and roof-mounted materials were not included in the scope of the asbestos survey.
No "suspect asbestos materials" were noted within the fire doors we checked, but it is possible that some fire doors within the building have asbestos cores.
* The asbestos-containing black mastic was only present in the sample collected from the lower level.
** We were unable to safely sample the soffit panels, but they appear to be cement-asbestos.

# ASBESTOS SURVEY SUMMARY
# CITY HALL
## ALEXANDER CITY, ALABAMA

Continued

| EMC HSA# | Material Description | General Location | Asbestos |
|---|---|---|---|
| 3989-18 | duct sealant, gray | mechanical room and AHU attic | none detected |
| **3989-19** | **white coating/sealant on pipe insulation (composite analyses)** | **mechanical room and AHU attic** | **6% chrysotile** |
| 3989-20 | glue dots (composite analyses) | upper floor level attic areas | none detected |
| 3989-21 | rock lath (composite analyses) | upper floor level attic areas | none detected |
| 3989-22 | ceiling tile, 1' x 1', crevasses and gouges | conference room | none detected |
| 3989-23 | ceiling tile, 1' x 1', gray, maze pattern | Mayor's office | none detected |
| 3989-24 | cementitious coating of fiberglass pipe fitting insulation | mechanical room | none detected |
| **3989-25**<br>**3989-25a** | **floor tile, 9", beige with black and gray spots**<br>**mastic** | **telephone room** | **2% chrysotile**<br>**assumed asbestos** |
| **3989-26** | **spray-applied ceiling finish** | **telephone room and adjacent corridor** | **8% chrysotile** |
| 3989-27<br>3989-27a | stair tread, brown<br>mastic, black | stairs to basement | none detected<br>none detected |
| 3989-28 | stucco | west side of building | none detected |
| 3989-29 | caulk, exterior | exterior of building | none detected |
| **3989-30** | **soffit panels **** | **south side of building** | **assumed asbestos** |

Materials shown in bold have tested or are assumed to contain asbestos.
General location information is provided to assist in identifying the material, but may not list all locations where the material exists.
Reported asbestos percentages are visual estimations made by the microscopist.
Roofing and roof-mounted materials were not included in the scope of the asbestos survey.
No "suspect asbestos materials" were noted within the fire doors we checked, but it is possible that some fire doors within the building have asbestos cores.
* The asbestos-containing black mastic was only present in the sample collected from the lower level.
** We were unable to safely sample the soffit panels, but they appear to be cement-asbestos.

# LEAD PAINT TESTING DATA
# CITY HALL
## ALEXANDER CITY, ALABAMA
XRF Testing using an RMD LPA-1

April 2020

| TEST NO. | ROOM | WALL | COMPONENT | COMPONENT LOCATION | SHOT LOCATION | SUBSTRATE | PAINT COLOR | READING (mg/cm2) |
|---|---|---|---|---|---|---|---|---|
| 1 | Calibration | | | | | | | 1.0 |
| 2 | Calibration | | | | | | | 1.0 |
| 3 | Calibration | | | | | | | 1.0 |
| 4 | Lobby | N | door casing | right | upper left | metal | dk bronze | -0.1 |
| 5 | | N | door | right | upper right | wood | natural | 0.0 |
| 6 | | N | wall | | upper right | wood | natural | -0.2 |
| 7 | | E | stair stringer | left | upper left | metal | tan | -0.1 |
| 8 | | E | stair rail | left | lower right | metal | tan | -0.1 |
| 9 | | E | door casing | left | upper left | metal | dk bronze | -0.3 |
| 10 | | E | door | left | upper right | metal | dk bronze | -0.2 |
| 11 | | E | window casing | right | lower right | metal | dk bronze | -0.1 |
| 12 | | S | wall | left | upper right | wallboard | cream | -0.1 |
| **13** | | **S** | **stair rail** | **right** | **lower center** | **metal** | **tan** | **1.0** |
| 14 | | S | wall | right | upper right | concrete | tan | 0.3 |
| 15 | | S | stair stringer | right | upper right | metal | tan | -0.1 |
| 16 | | W | wall | left | upper right | wallboard | cream | 0.0 |
| 17 | | W | wall | right | upper left | wallboard | cream | -0.1 |
| 18 | Men's Restroom | N | wall | right | upper right | wallboard | peach | -0.2 |
| 19 | | N | wall | right | lower right | ceramic | tan | -0.1 |
| 20 | | N | toilet | right | upper left | ceramic | white | -0.5 |
| 21 | | N | floor | | right | ceramic | gray | -0.1 |
| 22 | | S | urinal | left | upper center | ceramic | white | -0.2 |
| 23 | | S | sink | right | upper right | ceramic | white | -0.1 |
| 24 | Lobby Balcony | E | column | center | upper center | metal | tan | -0.1 |

Each XRF reading shows the approximate lead content of the paint, to a depth of ≈3/8", at the tested location. At other locations the lead content may be different. Paints with lead concentrations equal to or greater than 1.0 mg/cm2 are considered to be lead-based paints. Elevated airborne lead exposure can occur when disturbing paints with any amount of lead.

# LEAD PAINT TESTING DATA
# CITY HALL
## ALEXANDER CITY, ALABAMA
XRF Testing using an RMD LPA-1

April 2020

| TEST NO. | ROOM | WALL | COMPONENT | COMPONENT LOCATION | SHOT LOCATION | SUBSTRATE | PAINT COLOR | READING (mg/cm2) |
|---|---|---|---|---|---|---|---|---|
| 25 | Lobby Balcony (continued) | E | railing | | upper center | metal | tan | -0.1 |
| 26 | | W | door casing | right | lower left | wood | natural | 0.0 |
| 27 | | W | door | right | lower right | wood | natural | 0.0 |
| 28 | Upstairs Vault | N | wall | | upper left | plaster | tan | 0.2 |
| 29 | | N | door casing | center | upper right | metal | gray | -0.1 |
| 30 | | S | wall | | upper right | plaster | tan | 0.1 |
| 31 | Building Official Office | N | wall | | upper left | plaster | cream | 0.2 |
| 32 | | N | base trim | | left | wood | natural | 0.1 |
| 33 | | E | door casing | right | upper left | metal | cream | -0.1 |
| 34 | | E | door | right | upper left | wood | natural | -0.1 |
| 35 | Data Processing | N | wall | right | upper right | wallboard | tan | -0.1 |
| 36 | | N | wall | right | lower right | wood | natural | 0.1 |
| 37 | | S | door casing | right | upper left | metal | dk bronze | -0.1 |
| 38 | | S | door | right | upper right | wood | cream | -0.1 |
| 39 | | S | cabinet door | right | upper right | wood | natural | -0.1 |
| 40 | Data Processing Attic | N | wall | | upper center | plaster | white | -0.1 |
| 41 | | S | beam | | left | wood | white | 0.3 |
| **42** | | **S** | **column** | **center** | **upper center** | **wood** | **white** | **1.0** |
| 43 | | S | ceiling coffer | right | center | wood | white | 0.1 |
| 44 | Breakroom | N | wall | left | upper left | wallboard | gray | 0.0 |
| 45 | | N | door casing | left | upper left | wood | cream | 0.0 |
| 46 | | N | door | left | upper right | wood | cream | 0.0 |
| 47 | | N | base trim | right | left | wood | cream | 0.0 |
| 48 | | W | wall | | upper left | plaster | gray | -0.1 |

Each XRF reading shows the approximate lead content of the paint, to a depth of ≈3/8", at the tested location. At other locations the lead content may be different. Paints with lead concentrations equal to or greater than 1.0 mg/cm2 are considered to be lead-based paints. Elevated airborne lead exposure can occur when disturbing paints with any amount of lead.

# LEAD PAINT TESTING DATA
# CITY HALL
## ALEXANDER CITY, ALABAMA
XRF Testing using an RMD LPA-1

April 2020

| TEST NO. | ROOM | WALL | COMPONENT | COMPONENT LOCATION | SHOT LOCATION | SUBSTRATE | PAINT COLOR | READING (mg/cm2) |
|---|---|---|---|---|---|---|---|---|
| 49 | Basement Hall @ Mech Room | N | wall | | upper center | plaster | tan | 0.0 |
| 50 | | N | ceiling | | center | plaster | cream | 0.3 |
| 51 | | S | wall | | upper left | cmu | tan | 0.0 |
| 52 | | S | door casing | center | upper left | metal | tan | 0.0 |
| 53 | | S | door | center | upper right | metal | tan | -0.1 |
| 54 | Basement File Storage | N | wall | left | upper right | wallboard | cream | 0.1 |
| 55 | | N | column | center | upper center | metal | cream | 0.3 |
| 56 | | N | floor | | left | concrete | gray | -0.2 |
| **57** | | **W** | **vault door** | **right** | **upper left** | **metal** | **gray** | **>9.9** |
| **58** | | **W** | **vault door casing** | **right** | **upper right** | **metal** | **gray** | **8.1** |
| 59 | Basement Vault | S | wall | | upper center | plaster | cream | 0.2 |
| 60 | | S | ceiling | | center | plaster | cream | -0.1 |
| 61 | Roof Access Room | E | roof ladder | right | upper center | metal | green | -0.1 |
| 62 | Calibration | | | | | | | 1.0 |
| 63 | Calibration | | | | | | | 1.0 |
| 64 | Calibration | | | | | | | 1.2 |

Each XRF reading shows the approximate lead content of the paint, to a depth of ≈3/8", at the tested location. At other locations the lead content may be different. Paints with lead concentrations equal to or greater than 1.0 mg/cm2 are considered to be lead-based paints. Elevated airborne lead exposure can occur when disturbing paints with any amount of lead.

# EMSL Analytical, Inc.

**2205 Corporate Plaza Parkway SE, Suite 200 Smyrna, GA 30080**
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http://www.EMSL.com / atlantalab@emsl.com


| | |
|---|---|
| **EMSL Order:** | 072002707 |
| **Customer ID:** | ENVI40 |
| **Customer PO:** | |
| **Project ID:** | |

| | | | |
|---|---|---|---|
| **Attention:** | Haynes Kelley | **Phone:** | (334) 399-2926 |
| | Environmental Materials Consultants | **Fax:** | (334) 265-4043 |
| | 2027 Chestnut Street | **Received Date:** | 04/14/2020 8:40 AM |
| | Montgomery, AL 36106 | **Analysis Date:** | 04/14/2020 - 04/15/2020 |
| | | **Collected Date:** | |

**Project:** PH & J, Alexander City, City Hall, MA-3989

## *Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy*

| | | | Non-Asbestos | | Asbestos |
|---|---|---|---|---|---|
| **Sample** | **Description** | **Appearance** | **% Fibrous** | **% Non-Fibrous** | **% Type** |
| 3989-01-01-Floor Tile<br>*072002707-0001* | Floor Tile, 12", Gray And White Mottled | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-01-01-Mastic<br>*072002707-0001A* | Floor Tile, 12", Gray And White Mottled | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-01-02-Floor Tile<br>*072002707-0002* | Floor Tile, 12", Gray And White Mottled | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-01-02-Mastic<br>*072002707-0002A* | Floor Tile, 12", Gray And White Mottled | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-01-03-Floor Tile<br>*072002707-0003* | Floor Tile, 12", Gray And White Mottled | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-01-03-Mastic 1<br>*072002707-0003A* | Floor Tile, 12", Gray And White Mottled | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-01-03-Mastic 2<br>*072002707-0003B* | Floor Tile, 12", Gray And White Mottled | Black<br>Non-Fibrous<br>Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 3989-02-01<br>*072002707-0004* | Ceiling Tile, 1'x1', Crevassed Surface | Gray<br>Fibrous<br>Homogeneous | 5% Cellulose<br>60% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-02-02<br>*072002707-0005* | Ceiling Tile, 1'x1', Crevassed Surface | Gray<br>Fibrous<br>Homogeneous | 5% Cellulose<br>60% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-02-03<br>*072002707-0006* | Ceiling Tile, 1'x1', Crevassed Surface | Gray<br>Fibrous<br>Homogeneous | 5% Cellulose<br>60% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-03-01<br>*072002707-0007* | Carpet Adhesive | Tan<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-03-02<br>*072002707-0008* | Carpet Adhesive | Tan<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-03-03<br>*072002707-0009* | Carpet Adhesive | Tan<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-04-01<br>*072002707-0010* | Wallboard And Joint Compound (Composite Analysis) | Various<br>Fibrous<br>Homogeneous | 5% Cellulose | 95% Non-fibrous (Other) | None Detected |
| *This is a composite result of wallboard, jt. compound, and tape* | | | | | |
| 3989-04-02<br>*072002707-0011* | Wallboard And Joint Compound (Composite Analysis) | Various<br>Fibrous<br>Homogeneous | 5% Cellulose | 95% Non-fibrous (Other) | None Detected |
| *This is a composite result of wallboard, jt. compound, and tape* | | | | | |

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**EMSL Order:** 072002707
**Customer ID:** ENVI40
**Customer PO:**
**Project ID:**

## *Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy*

| Sample | Description | Appearance | Non-Asbestos % Fibrous | Non-Asbestos % Non-Fibrous | Asbestos % Type |
|---|---|---|---|---|---|
| 3989-04-03<br>*072002707-0012* | Wallboard And Joint Compound (Composite Analysis) | Various Fibrous Homogeneous | 5% Cellulose | 95% Non-fibrous (Other) | None Detected |
| *This is a composite result of wallboard, jt. compound, and tape* | | | | | |
| 3989-04-04<br>*072002707-0013* | Wallboard And Joint Compound (Composite Analysis) | Various Fibrous Homogeneous | 5% Cellulose | 95% Non-fibrous (Other) | None Detected |
| *This is a composite result of wallboard, jt. compound, and tape* | | | | | |
| 3989-04-05<br>*072002707-0014* | Wallboard And Joint Compound (Composite Analysis) | Various Fibrous Homogeneous | 5% Cellulose | 95% Non-fibrous (Other) | None Detected |
| *This is a composite result of wallboard, jt. compound, and tape* | | | | | |
| 3989-05-01<br>*072002707-0015* | Ceiling Tile, 2'x2', Gouges And Pin Holes, Recessed Grid | Gray Fibrous Homogeneous | 60% Cellulose<br>10% Min. Wool | 30% Non-fibrous (Other) | None Detected |
| 3989-05-02<br>*072002707-0016* | Ceiling Tile, 2'x2', Gouges And Pin Holes, Recessed Grid | Gray Fibrous Homogeneous | 60% Cellulose<br>10% Min. Wool | 30% Non-fibrous (Other) | None Detected |
| 3989-05-03<br>*072002707-0017* | Ceiling Tile, 2'x2', Gouges And Pin Holes, Recessed Grid | Gray Fibrous Homogeneous | 60% Cellulose<br>10% Min. Wool | 30% Non-fibrous (Other) | None Detected |
| 3989-06-01<br>*072002707-0018* | Caulk, Interior | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-06-02<br>*072002707-0019* | Caulk, Interior | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-07-01<br>*072002707-0020* | Ceiling Tile, 2'x2', Gouges And Pin Holes | Gray Fibrous Homogeneous | 60% Cellulose<br>5% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-07-02<br>*072002707-0021* | Ceiling Tile, 2'x2', Gouges And Pin Holes | Gray Fibrous Homogeneous | 60% Cellulose<br>5% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-07-03<br>*072002707-0022* | Ceiling Tile, 2'x2', Gouges And Pin Holes | Gray Fibrous Homogeneous | 60% Cellulose<br>5% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-08-01-Stair Tread<br>*072002707-0023* | Stair Tread, Tan With Cream And Gray Mottling | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-08-01-Mastic<br>*072002707-0023A* | Stair Tread, Tan With Cream And Gray Mottling | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-08-02-Stair Tread<br>*072002707-0024* | Stair Tread, Tan With Cream And Gray Mottling | Tan Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-08-02-Mastic<br>*072002707-0024A* | Stair Tread, Tan With Cream And Gray Mottling | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-09-01<br>*072002707-0025* | Cove Base Adhesive (Composite Analysis) | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-09-02<br>*072002707-0026* | Cove Base Adhesive (Composite Analysis) | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-09-03<br>*072002707-0027* | Cove Base Adhesive (Composite Analysis) | Yellow Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |

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**EMSL Order:** 072002707
**Customer ID:** ENVI40
**Customer PO:**
**Project ID:**

## *Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy*

| | | | Non-Asbestos | | Asbestos |
|---|---|---|---|---|---|
| **Sample** | **Description** | **Appearance** | **% Fibrous** | **% Non-Fibrous** | **% Type** |
| 3989-10-01-Stair Tread<br>*072002707-0028* | Stair Tread, Beige, Cream, And Gray Mottled | Tan<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-10-01-Mastic<br>*072002707-0028A* | Stair Tread, Beige, Cream, And Gray Mottled | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-10-02-Stair Tread<br>*072002707-0029* | Stair Tread, Beige, Cream, And Gray Mottled | White<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-10-02-Mastic<br>*072002707-0029A* | Stair Tread, Beige, Cream, And Gray Mottled | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-11-01<br>*072002707-0030*<br>*Composite Analysis* | Plaster (Composite Analysis) | Various<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-11-02<br>*072002707-0031*<br>*Composite Analysis* | Plaster (Composite Analysis) | Various<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-11-03<br>*072002707-0032*<br>*Composite Analysis* | Plaster (Composite Analysis) | Various<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-11-04<br>*072002707-0033*<br>*Composite Analysis* | Plaster (Composite Analysis) | Various<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-11-05<br>*072002707-0034*<br>*Composite Analysis* | Plaster (Composite Analysis) | Various<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-11-06<br>*072002707-0035*<br>*Composite Analysis* | Plaster (Composite Analysis) | Various<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-12-01-Floor Tile<br>*072002707-0036* | Floor Tile, 18"x10", Stone Pattern | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-12-01-Mastic<br>*072002707-0036A* | Floor Tile, 18"x10", Stone Pattern | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-12-02-Floor Tile<br>*072002707-0037* | Floor Tile, 18"x10", Stone Pattern | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-12-02-Mastic<br>*072002707-0037A* | Floor Tile, 18"x10", Stone Pattern | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-13-01-Stair Tread<br>*072002707-0038* | Stair Tread, Gray | Brown<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-13-01-Mastic<br>*072002707-0038A* | Stair Tread, Gray | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-13-02-Stair Tread<br>*072002707-0039* | Stair Tread, Gray | Brown<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |

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**Customer ID:** ENVI40
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## *Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy*

| Sample | Description | Appearance | Non-Asbestos % Fibrous | Non-Asbestos % Non-Fibrous | Asbestos % Type |
|---|---|---|---|---|---|
| 3989-13-02-Mastic<br>*072002707-0039A* | Stair Tread, Gray | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-14-01-Stair Tread<br>*072002707-0040* | Stair Tread, Black | Black<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-14-01-Mastic<br>*072002707-0040A* | Stair Tread, Black | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-14-02-Stair Tread<br>*072002707-0041* | Stair Tread, Black | Black<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-14-02-Mastic<br>*072002707-0041A* | Stair Tread, Black | Yellow<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-15-01<br>*072002707-0042* | Ceiling Tile, 2'x2', Crevasses And Many Pin Holes | Gray<br>Fibrous<br>Homogeneous | 60% Cellulose<br>10% Min. Wool | 30% Non-fibrous (Other) | None Detected |
| 3989-15-02<br>*072002707-0043* | Ceiling Tile, 2'x2', Crevasses And Many Pin Holes | Gray<br>Fibrous<br>Homogeneous | 60% Cellulose<br>10% Min. Wool | 30% Non-fibrous (Other) | None Detected |
| 3989-16-01-Floor Tile<br>*072002707-0044* | Floor Tile, 12", Cream With Gray And Brown Spots | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-16-01-Mastic<br>*072002707-0044A*<br>*Result includes a small amount of inseparable attached material* | Floor Tile, 12", Cream With Gray And Brown Spots | Black<br>Non-Fibrous<br>Homogeneous | | 97% Non-fibrous (Other) | 3% Chrysotile |
| 3989-16-02-Floor Tile<br>*072002707-0045* | Floor Tile, 12", Cream With Gray And Brown Spots | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-16-02-Mastic<br>*072002707-0045A*<br>*Result includes a small amount of inseparable attached material* | Floor Tile, 12", Cream With Gray And Brown Spots | Black<br>Non-Fibrous<br>Homogeneous | | 97% Non-fibrous (Other) | 3% Chrysotile |
| 3989-17-01<br>*072002707-0046* | Ceiling Tile, 1'x1', Holes In Row/ Column Pattern | Brown<br>Fibrous<br>Homogeneous | 80% Cellulose | 20% Non-fibrous (Other) | None Detected |
| 3989-17-02<br>*072002707-0047* | Ceiling Tile, 1'x1', Holes In Row/ Column Pattern | Brown<br>Fibrous<br>Homogeneous | 80% Cellulose | 20% Non-fibrous (Other) | None Detected |
| 3989-18-01<br>*072002707-0048* | Gray Duct Sealant | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-18-02<br>*072002707-0049* | Gray Duct Sealant | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-18-03<br>*072002707-0050* | Gray Duct Sealant | Gray<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-19-01<br>*072002707-0051* | White Coating/ Sealant On Pipe Insulation (Composite Analysis) | White<br>Non-Fibrous<br>Homogeneous | | 94% Non-fibrous (Other) | 6% Chrysotile |
| 3989-19-02<br>*072002707-0052* | White Coating/ Sealant On Pipe Insulation (Composite Analysis) | White<br>Non-Fibrous<br>Homogeneous | | 94% Non-fibrous (Other) | 6% Chrysotile |

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## *Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy*

| Sample | Description | Appearance | Non-Asbestos % Fibrous | Non-Asbestos % Non-Fibrous | Asbestos % Type |
|---|---|---|---|---|---|
| 3989-19-03 *072002707-0053* | White Coating/ Sealant On Pipe Insulation (Composite Analysis) | White Non-Fibrous Homogeneous | | 95% Non-fibrous (Other) | 5% Chrysotile |
| 3989-20-01 *072002707-0054* | Glue Dots (Composite Analysis) | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-20-02 *072002707-0055* | Glue Dots (Composite Analysis) | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-20-03 *072002707-0056* | Glue Dots (Composite Analysis) | Brown Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-21-01 *072002707-0057* | Rock Lath (Composite Analysis) | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-21-02 *072002707-0058* | Rock Lath (Composite Analysis) | Gray Non-Fibrous Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-22-01 *072002707-0059* | Ceiling Tile, 1'x1', Crevasses And Gouges | Gray Fibrous Homogeneous | 60% Cellulose 5% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-22-02 *072002707-0060* | Ceiling Tile, 1'x1', Crevasses And Gouges | Gray Fibrous Homogeneous | 60% Cellulose 5% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-23-01 *072002707-0061* | Ceiling Tile, 1'x1', Gray, Maze Pattern | Gray Fibrous Homogeneous | 60% Cellulose 5% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-23-02 *072002707-0062* | Ceiling Tile, 1'x1', Gray, Maze Pattern | Gray Fibrous Homogeneous | 60% Cellulose 5% Min. Wool | 35% Non-fibrous (Other) | None Detected |
| 3989-24-01 *072002707-0063* | Cementitious Coating On Fiberglass Pipe Fitting Insulation | Gray Fibrous Homogeneous | 40% Min. Wool | 60% Non-fibrous (Other) | None Detected |
| 3989-24-02 *072002707-0064* | Cementitious Coating On Fiberglass Pipe Fitting Insulation | Gray Fibrous Homogeneous | 40% Min. Wool | 60% Non-fibrous (Other) | None Detected |
| 3989-24-03 *072002707-0065* | Cementitious Coating On Fiberglass Pipe Fitting Insulation | Gray Non-Fibrous Homogeneous | 40% Min. Wool | 60% Non-fibrous (Other) | None Detected |
| 3989-25-01 *072002707-0066* | Floor Tile, 9", Beige With Black And Gray Spots | Beige Non-Fibrous Homogeneous | | 98% Non-fibrous (Other) | 2% Chrysotile |
| 3989-25-02 *072002707-0067* | Floor Tile, 9", Beige With Black And Gray Spots | Beige Non-Fibrous Homogeneous | | 98% Non-fibrous (Other) | 2% Chrysotile |
| 3989-26-01 *072002707-0068* | Ceiling Finish | Gray Fibrous Homogeneous | | 92% Non-fibrous (Other) | 8% Chrysotile |
| 3989-26-02 *072002707-0069* | Ceiling Finish | Gray Fibrous Homogeneous | | 92% Non-fibrous (Other) | 8% Chrysotile |
| 3989-26-03 *072002707-0070* | Ceiling Finish | Gray Fibrous Homogeneous | | 92% Non-fibrous (Other) | 8% Chrysotile |

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| | |
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| **EMSL Order:** | 072002707 |
| **Customer ID:** | ENVI40 |
| **Customer PO:** | |
| **Project ID:** | |

## *Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy*

| Sample | Description | Appearance | Non-Asbestos % Fibrous | Non-Asbestos % Non-Fibrous | Asbestos % Type |
|---|---|---|---|---|---|
| 3989-27-01-Stair Tread<br>*072002707-0071* | Stair Tread, Brown | Brown<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-27-01-Mastic<br>*072002707-0071A* | Stair Tread, Brown | Black<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-27-02-Stair Tread<br>*072002707-0072* | Stair Tread, Brown | Brown<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-27-02-Mastic<br>*072002707-0072A* | Stair Tread, Brown | Black<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-28-01<br>*072002707-0073* | Stucco | Various<br>Non-Fibrous<br>Homogeneous | 5% Glass | 95% Non-fibrous (Other) | None Detected |
| 3989-28-02<br>*072002707-0074* | Stucco | Various<br>Non-Fibrous<br>Homogeneous | 5% Glass | 95% Non-fibrous (Other) | None Detected |
| 3989-28-03<br>*072002707-0075* | Stucco | Various<br>Non-Fibrous<br>Homogeneous | 5% Glass | 95% Non-fibrous (Other) | None Detected |
| 3989-29-01<br>*072002707-0076* | Caulk, Exterior | White<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-29-02<br>*072002707-0077* | Caulk, Exterior | White<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |
| 3989-29-03<br>*072002707-0078* | Caulk, Exterior | White<br>Non-Fibrous<br>Homogeneous | | 100% Non-fibrous (Other) | None Detected |

Analyst(s)
*Kyle Rich (81)*
*Violedah Richardson (15)*

Michael Murphy
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method"), but augmented with procedures outlined in the 1993 ("final") version of the method. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. All samples received in acceptable condition unless otherwise noted. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. EMSL recommends gravimetric reduction for all non-friable organically bound materials prior to analysis. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc Smyrna, GA NVLAP Lab Code 101048-1

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# Chain of Custody

## Asbestos Lab Services

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072002707

| | | | |
|---|---|---|---|
| ***Company:*** | Environmental-Materials Consultants, Inc. | ***Bill To:*** | Environmental-Materials Consultants, Inc. |
| *Address1:* | 2027 Chestnut Street | *Address1:* | 2027 Chestnut Street |
| *Address2:* | | *Address2:* | |
| *City, State:* | Montgomery, Alabama | *City, State:* | Montgomery, Alabama |
| *Zip/Post Code:* | 36106 | *Zip/Post Code:* | 36106 |
| *Country:* | | *Country:* | |
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| ***EMSL Rep:*** | | ***P.O. Number:*** | |
| ***Project Name/Number:*** | PH&J, Alexander City, City Hall, MA 3989 | | |

| MATRIX | | | TURNAROUND | | | |
|---|---|---|---|---|---|---|
| ☐ Air | ☐ Soil | ☐ Micro-Vac | ☐ 3 Hours | ☐ 6 Hours | ☐ Same Day or 12 Hours* | ☐ 24 Hours (1 day) |
| ☑ Bulk | ☐ Drinking Water | | ☑ 48 Hours (2 days) | ☐ 72 Hours (3 days) | ☐ 96 Hours (4 days) | ☐ 120 Hours (5 days) |
| ☐ Wipe | ☐ Wastewater | | ☐ 144+ hours (6-10 days) | | | |

**TEM AIR, 3 hours, 6 hours, Please call ahead to schedule. There is a premium charge for 3-hour tat, please call 1-800-220-3675 for price prior to sending samples. You will be asked to sign an authorization form for this service.**

***12 hours (must arrive by 11:00a.m. Mon -Fri.), Please Refer to Price Quote**

**PCM - Air**
- ☐ NIOSH 7400(A) Issue 2: August 1994
- ☐ OSHA w/TWA
- ☐ Other:

**PLM - Bulk**
- ☑ EPA 600/R-93/116
- ☐ EPA Point Count
- ☐ NY Stratified Point Count
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ NIOSH 9002:
- ☐ EMSL Standard Addition:

**SEM Air or Bulk**
- ☐ Qualitative
- ☐ Quantitative

**TEM Air**
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402
- ☐ EPA Level II

**TEM BULK**
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP - 1988-02
- ☐ TEM NOB (Gravimetric) NYS 198.4
- ☐ EMSL Standard Addition:

**PLM Soil**
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram

**TEM WATER**
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2

**TEM Microvac/Wipe**
- ☐ ASTM D 5755-95 (quantative method)
- ☐ Wipe Qualitative

**XRD**
- ☐ Asbestos
- ☐ Silica NIOSH 7500

**OTHER**
- ☐ CARB 435 A (PLM to 0.25%)

OrderID: 072002707

# Chain of Custody

## Asbestos Lab Services

**EMSL Analytical, Inc.**
Suite 135
1770 The Exchange
Atlanta, GA 30339
Phone: (770) 956-9150
Fax: (770) 956-9181
**http://www.emsl.com**

Please print all information legibly.

**Client Sample # (s)** 3989-01-01 - 3989-29-03 **Total Samples #:** 78

**Relinquished:** [signature] **Date:** 4/13/20 **Time:** 1630

**Received:** [signature] **Date:** 4-14-20 **Time:** 8:40 EFI

**Relinquished:** _____ **Date:** _____ **Time:** _____

**Received:** _____ **Date:** _____ **Time:** _____

| SAMPLE NUMBER | SAMPLE DESCRIPTION/LOCATION | VOLUME (if applicable) |
|---|---|---|
| 3989-01-01 | floor tile, 12", gray and white mottled | |
| 3989-01-02 | floor tile, 12", gray and white mottled | |
| 3989-01-03 | floor tile, 12", gray and white mottled | |
| 3989-02-01 | ceiling tile, 1' x 1', crevassed surface | |
| 3989-02-02 | ceiling tile, 1' x 1', crevassed surface | |
| 3989-02-03 | ceiling tile, 1' x 1', crevassed surface | |
| 3989-03-01 | carpet adhesive | |
| 3989-03-02 | carpet adhesive | |
| 3989-03-03 | carpet adhesive | |
| 3989-04-01 | wallboard and joint compound (composite analysis) | |
| 3989-04-02 | wallboard and joint compound (composite analysis) | |
| 3989-04-03 | wallboard and joint compound (composite analysis) | |
| 3989-04-04 | wallboard and joint compound (composite analysis) | |
| 3989-04-05 | wallboard and joint compound (composite analysis) | |

# CHAIN OF CUSTODY (continued)

**PH&J, Alexander City, City Hall, MA 3989**

| SAMPLE NUMBER | SAMPLE DESCRIPTION/LOCATION | VOLUME (if applicable) |
|---|---|---|
| 3989-05-01 | ceiling tile, 2' x 2', gouges and pin holes, recessed grid | |
| 3989-05-02 | ceiling tile, 2' x 2', gouges and pin holes, recessed grid | |
| 3989-05-03 | ceiling tile, 2' x 2', gouges and pin holes, recessed grid | |
| 3989-06-01 | caulk, interior | |
| 3989-06-02 | caulk, interior | |
| 3989-07-01 | ceiling tile, 2' x 2', gouges and pin holes | |
| 3989-07-02 | ceiling tile, 2' x 2', gouges and pin holes | |
| 3989-07-03 | ceiling tile, 2' x 2', gouges and pin holes | |
| 3989-08-01 | stair tread, tan with cream and gray mottling | |
| 3989-08-02 | stair tread, tan with cream and gray mottling | |
| 3989-09-01 | cove base adhesive (composite analysis) | |
| 3989-09-02 | cove base adhesive (composite analysis) | |
| 3989-09-03 | cove base adhesive (composite analysis) | |
| 3989-10-01 | stair tread, beige, cream, and gray mottled | |
| 3989-10-02 | stair tread, beige, cream, and gray mottled | |
| 3989-11-01 | plaster (composite analysis) | |
| 3989-11-02 | plaster (composite analysis) | |
| 3989-11-03 | plaster (composite analysis) | |
| 3989-11-04 | plaster (composite analysis) | |
| 3989-11-05 | plaster (composite analysis) | |
| 3989-11-06 | plaster (composite analysis) | |
| 3989-12-01 | floor tile, 18" x 10", stone pattern | |
| 3989-12-02 | floor tile, 18" x 10", stone pattern | |
| 3989-13-01 | stair tread, gray | |
| 3989-13-02 | stair tread, gray | |
| 3989-14-01 | stair tread, black | |
| 3989-14-02 | stair tread, black | |
| 3989-15-01 | ceiling tile, 2' x 2', crevasses and many pin holes | |
| 3989-15-02 | ceiling tile, 2' x 2', crevasses and many pin holes | |
| 3989-16-01 | floor tile, 12", cream with gray and brown spots | |
| 3989-16-02 | floor tile, 12", cream with gray and brown spots | |
| 3989-17-01 | ceiling tile, 1' x 1', holes in row/column pattern | |
| 3989-17-02 | ceiling tile, 1' x 1', holes in row/column pattern | |

# CHAIN OF CUSTODY (continued)

**PH&J, Alexander City, City Hall, MA 3989**

| SAMPLE NUMBER | SAMPLE DESCRIPTION/LOCATION | VOLUME (if applicable) |
|---|---|---|
| 3989-18-01 | gray duct sealant | |
| 3989-18-02 | gray duct sealant | |
| 3989-18-03 | gray duct sealant | |
| 3989-19-01 | white coating/sealant on pipe insulation (composite analysis) | |
| 3989-19-02 | white coating/sealant on pipe insulation (composite analysis) | |
| 3989-19-03 | white coating/sealant on pipe insulation (composite analysis) | |
| 3989-20-01 | glue dots (composite analysis) | |
| 3989-20-02 | glue dots (composite analysis) | |
| 3989-20-03 | glue dots (composite analysis) | |
| 3989-21-01 | rock lath (composite analysis) | |
| 3989-21-02 | rock lath (composite analysis) | |
| 3989-22-01 | ceiling tile, 1' x 1', crevasses and gouges | |
| 3989-22-02 | ceiling tile, 1' x 1', crevasses and gouges | |
| 3989-23-01 | ceiling tile, 1' x 1', gray, maze pattern | |
| 3989-23-02 | ceiling tile, 1' x 1', gray, maze pattern | |
| 3989-24-01 | cementitious coating on fiberglass pipe fitting insulation | |
| 3989-24-02 | cementitious coating on fiberglass pipe fitting insulation | |
| 3989-24-03 | cementitious coating on fiberglass pipe fitting insulation | |
| 3989-25-01 | floor tile, 9", beige with black and gray spots | |
| 3989-25-02 | floor tile, 9", beige with black and gray spots | |
| 3989-26-01 | ceiling finish | |
| 3989-26-02 | ceiling finish | |
| 3989-26-03 | ceiling finish | |
| 3989-27-01 | stair tread, brown | |
| 3989-27-02 | stair tread, brown | |
| 3989-28-01 | stucco | |
| 3989-28-02 | stucco | |
| 3989-28-03 | stucco | |
| 3989-29-01 | caulk, exterior | |
| 3989-29-02 | caulk, exterior | |
| 3989-29-03 | caulk, exterior | |
| | | |
| | | |

ENVIRONMENTAL
MATERIALS
CONSULTANTS, INC.

February 19, 2008

Mr. Randy M. Thomas
The City of Alexander City
4 Court Square
P.O. Box 552
Alexander City, Alabama 35011-0552

Reference: Hazardous Materials Surveys
Alexander City Police Department

Dear Mr. Thomas:

In accordance with EMC's proposal we have completed the hazardous materials surveys of the Alexander City Police Department, Alexander City, Alabama. This report presents our findings.

## BACKGROUND INFORMATION

The old City Hall building, which currently houses the Alexander City Police Department, is a three-story masonry structure that the city has planned to restore and renovate. Before restoration/renovation activities can commence surveys must be performed to identify asbestos-containing building materials, lead-based paints, mercury lamps, PCB ballasts and other hazardous materials, so they can be dealt with properly.

## ASBESTOS SURVEYS

On the days of January 25th and 28th, 2008 EMC personnel toured the Alexander City Police Department. During their tour they recorded the location of forty materials that are considered suspect to contain asbestos. Bulk samples for asbestos analysis were obtained in general accordance with EPA recommendations. The EPA's recommended procedures involve representative sample site selection within sampling areas. Bulk samples of materials were collected by Marlinah McCall, an accredited asbestos inspector, and forwarded to the laboratory for analysis.

The bulk samples were analyzed by polarized light microscopy (PLM) coupled with dispersion staining. This procedure is a technique that is used to identify asbestos fibers by their shape and unique optical properties. Floor tile that could not be shown conclusively to contain asbestos by PLM was then sent for analysis by transmission electron microscopy (TEM). TEM is a method of analysis that can identify the smaller milled asbestos fibers present in many floor tiles. The analyses identified twenty-three asbestos-containing materials; floor tile (six types), mastic (six types), window glazing putty, window caulk, furnace heat shield, white duct tape, cementitious pipe run insulation (two types), pipe fitting insulation (two types), cementitious boiler insulation, cementitious boiler flue insulation, and cementitious boiler door insulation. A summarization of our results is provided in a table included with this report. Specific data for each sample analysis is shown on the enclosed analysis sheets.

## FLUORESCENT LIGHT SURVEY

EMC personnel toured the Alexander City Police Department and noted the presence of mercury lamps in fluorescent light fixtures. An inventory of fluorescent light fixtures was made, identifying eight different types. A representative number of fixtures were then checked

for the presence of ballasts that are not labeled "No PCB's". The ratio of ballasts marked "No PCB's" to those not marked was noted for each type of fixture checked. From those ratios, an estimation of the total number of PCB containing ballasts was calculated. A summarization of those results is provided in a table included with this report.

## LEAD-BASED PAINT TESTING

On January 28, 2008 Haynes Kelley, an accredited lead paint inspector, made visual observations of the Alexander City Police Department to identify exposed interior painted/glazed surfaces. Based on those observations X-Ray Fluorescence (XRF) testing was performed using a Radiation Monitoring Devices, Inc. LPA-1 Lead Paint Analyzer. Paint was tested to determine if significant areas of lead-based paints are present. A total of seventy-five lead level readings were taken, including six calibration readings.

The RMD, Inc. LPA-1 utilizes an XRF spectrum analyzing system for the quantitative measurement of lead in paint. The LPA-1 method of measurement is based on spectrometric analysis of lead K-shell x-ray fluorescence within a controlled depth of interrogation. The calibration of the XRF machine was verified with a NIST supplied standard before and after testing.

In accordance with the HUD Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, lead-based paint is defined as paint with lead content equal to or in excess of 1.0 mg/cm2. This level of 1.0 mg/cm2 is known as the action level. The HUD action level is currently used for testing in the state of Alabama. Therefore paints tested during this job are classified as "positive" if the lead concentration is greater than or equal to 1.0 mg/cm2 and "negative" if the lead concentration is less than 1.0 mg/cm2. OSHA does not recognize the HUD action level because OSHA's regulations address elevated airborne lead concentrations and those concentrations could results from work on paints with lead concentrations less than the HUD action level.

All readings that fell within the inconclusive range have been treated as positive readings. Positive lead levels were found a concrete block wall, plaster walls, a wood panel wall, and a metal wall. Our test results and detailed information are provided in the enclosed inspection report.

## ASBESTOS COMMENTS

The window glazing putty, window caulk, white duct tape, furnace heat shield, cementitious pipe run insulation, cementitious pipe fitting insulation, cementitious boiler insulation, cementitious boiler flue insulation, and cementitious boiler door insulation identified within the building are classified as friable asbestos-containing materials. EPA's NESHAP regulation classifies all friable asbestos-containing materials (ACM) as regulated asbestos containing-materials (RACM) and requires that they be properly removed and disposed prior to renovation activities which may disturb them.

The floor tiles and mastics identified within the building are classified by the EPA as a category I non-friable asbestos-containing materials. Category I non-friable materials are regulated under NESHAP if they become friable or are to be subjected to grinding, cutting, sanding, or abrading.

OSHA considers removal of the cementitious pipe run insulation, cementitious pipe fitting insulation, cementitious boiler insulation, cementitious boiler flue insulation, and cementitious boiler door insultion to be class I asbestos work and the removal of the other asbestos-containing materials to be class II asbestos work. OSHA's requirements for class I work are more stringent than for class II and for both classes they require establishment of regulated

areas, supervision by a competent person, worker training, adherence to specified work practices and respiratory protection (or documentation that it is not required). The Alabama Department of Environmental Management (ADEM) requires that all asbestos wastes be disposed in a permitted facility.

FLUORESCENT LIGHTS COMMENTS

The Alexander City Police Department contains approximately one hundred sixty individual fixtures having a total of approximately five hundred fifty mercury lamps. The majority of the light ballasts checked were marked "No PCB's". An estimate of the total number of PCB containing ballasts, based on our findings, is fifteen. EPA and ADEM Universal Waste regulations require that PCB and mercury wastes be properly packaged and disposed or recycled if they are not to be reused. Because most disposal facilities cannot accept these wastes they are normally recycled.

LEAD-BASED PAINT COMMENTS

In regard to renovation projects, OSHA regulations require contractors to protect their workers from exposure to elevated concentrations of airborne lead dust. EPA regulations require that lead containing wastes be tested for leachablity to determine if they are hazardous, and then disposed properly. There is not a direct correlation between the amount of lead in a painted surface and airborne or leachable lead concentrations associated with renovation and/or demolition of that surface. Only by testing the air during the renovation work and by testing the waste stream from the work can those concentrations be determined.

LIMITATIONS

Environmental-Materials Consultants, Inc. surveys were limited to exposed materials in the building. Environmental-Materials Consultants, Inc. did not perform demolition of walls, ceilings, flooring materials or insulations to sample or test underlying materials. Occasional corners of carpeting were lifted to try to identify underlying floor tiles. This report has been prepared for the use of The City of Alexander City. No other warranties are expressed or implied.

We are glad to have been able to provide these services. Please do not hesitate to call if you have questions about this report.

Sincerely,
Environmental-Materials Consultants, Inc.

W. Haynes Kelley, Jr., P.E.
President

Enclosure

# ASBESTOS SURVEY RESULTS
# ALEXANDER CITY POLICE DEPARTMENT
# ALEXANDER CITY, ALABAMA

**EMC Project No. MA-1968** **January 2008**

| EMC HSA# | Material Description | General Location* | Asbestos |
|---|---|---|---|
| 01 | plaster | throughout the building | none detected |
| 02 | 12"x12" floor tile: tan with brown and cream specks | west hall on the second floor | none detected |
| 02a | mastic | | none detected |
| **03** | **9"x9" floor tile: brown with tan streaks** | **west hall on the second floor (under A/C unit) and under HSA 04** | **15% chrysotile** |
| 03a | mastic | | none detected |
| 04 | 12"x12" floor tile: white with grey specks | | none detected |
| 04a | mastic | | none detected |
| **05** | **window glazing putty** | **interior and exterior side of the windows** | **10% chrysotile** |
| 06 | 2'x2' ceiling tile: small pocks and holes | courtroom | none detected |
| 07 | carpet glue | in some rooms throughout the building | none detected |
| 08 | wallboard | | none detected |
| 09 | 2'x2' ceiling tile: large crevices and small holes | | none detected |
| 10 | 12"x12" floor tile: cream with brown and white specks | | none detected |
| **10a** | **mastic** | | **20% chrysotile** |
| 11 | 12"x12" floor tile: white with black specks | | none detected |
| 11a | mastic | | none detected |
| 12 | 12"x12" floor tile: brown with cream specks | | none detected |
| 12a | mastic | | none detected |
| 13 | ceiling finish | | none detected |
| 14 | 2'x4' ceiling tile: long crevices and small holes | | none detected |
| 15 | 12"x12" floor tile: cream with beige specks | | none detected |
| 15a | mastic | | none detected |
| 16 | 12"x12" floor tile: cream, brown and green mottle | | none detected |
| **16a** | **mastic** | | **20% chrysotile** |
| 17 | 2'x4' ceiling tile: white | Court Clerk's office on the first floor | none detected |
| **18** | **cementitious pipe fitting insulation** | **boiler room** | **60% chrysotile** |
| **19** | **cementitious pipe run insulation (small pipes)** | **boiler room** | **70% chrysotile** |
| 20 | 12"x12" floor tile: light grey with grey and white specks | dispatch breakroom and adjoining equipment room | none detected |
| 20a | mastic | | none detected |
| **21** | **white duct tape** | **first floor halls, dispatch office, restroom, and Janitor's closet** | **90% chrysotile** |
| 22 | mastic | first floor AC closet | **none detected** |
| 23 | 12"x12" floor tile: cream with white and brown specks | ground floor monitoring room lobby | none detected |
| 23a | mastic | | none detected |
| 24 | 12"x12" floor tile: grey, brown and cream mottle | locker room | none detected |
| 24a | mastic | | none detected |
| 25 | 12"x12" floor tile: cream with brown streaks | locker room | none detected |
| 25a | mastic | | none detected |
| 26 | white coating on fiberglass pipe run insulation | booking | none detected |

**continued**

# ASBESTOS SURVEY RESULTS
# ALEXANDER CITY POLICE DEPARTMENT
# ALEXANDER CITY, ALABAMA

**EMC Project No. MA-1968** **January 2008**

| EMC HSA# | Material Description | General Location* | Asbestos |
|---|---|---|---|
| **27** | **cementitious pipe run insulation (large pipes)** | **boiler room** | **60% chrysotile** |
| **28** | **cementitious boiler insulation** | **boiler room** | **40% chrysotile** |
| **29** | **cementitious boiler flue insulation** | **boiler room** | **60% chrysotile** |
| **30** | **cementitious boiler door insulation** | **boiler room** | **35% chrysotile** |
| **31** | **window caulk** | **throughout the building** | **10% chrysotile** |
| 32 | floor tile in the elevator | under carpet in the elevation | none detected |
| 32a | mastic | | none detected |
| **33** | **floor tile: tan** | | **35% chrysotile** |
| **33a** | **mastic** | | **20% chrysotile** |
| 34 | floor tile: black | | none detected |
| **34a** | **mastic** | | **20% chrysotile** |
| **35** | **floor tile: grey** | **under carpet in the operations office** | **25% chrysotile** |
| **35a** | **mastic** | | **20% chrysotile** |
| **36** | **floor tile: beige** | **under HSA 23** | **20% chrysotile** |
| **36a** | **mastic** | | **20% chrysotile** |
| **37** | **panel above furnace** | **above furnace in the jail** | **85% chrysotile** |
| 38 | boiler gasket: white | boiler room | none detected |
| 39 | boiler gasket: cotton-like | boiler room | none detected |
| 40 | boiler gasket: rope-like | boiler room | none detected |

**Materials shown in bold contain asbestos** ****Analyzed by PLM and TEM**

*** General location information is provided to assist in identifying the material and may not list all locations where the material exists.**

***** No TEM analysis intended because the underlying floor tile and mastic have been determined to contain asbestos.**

# FLUORESCENT LIGHT SURVEY RESULTS
# ALEXANDER CITY POLICE DEPARTMENT
# ALEXANDER CITY, ALABAMA

**January 2008**

| Description | Length (ft) | # of Lamps | # of Ballasts | # Checked | Ballast Type | Marked No PCB's | # of Fixtures |
|---|---|---|---|---|---|---|---|
| 2'x4' lay-in, plastic mini-diamond cover | 4' | 4 | 2 | 6 | Advance, Magnetek<br>Universal, Universal<br>GE, GE<br>Advance, Universal<br>Universal, Universal<br>Universal, Universal | yes, yes<br>yes, yes<br>yes, yes<br>yes, yes<br>yes, yes<br>yes, yes | 81 |
| 1/2'x8', flush mount, no cover | 8' | 2 | 1 | 3 | Universal<br>Universal<br>Magnetek | yes<br>yes<br>yes | 32 |
| 1'x4' flush mount, no cover | 4' | 2 | 1 | 2 | Universal<br>Advance | yes<br>yes | 20 |
| 1/4'x 4', flush mount, no cover | 4' | 1 | 1 | 1 | Magnetek | yes | 3 |
| 4'x4' flush mount, smooth plastic cover, wood casing | 4' | 6 | 3 | 3 | GE, Magnetek, GE<br>Advance, Magnetek, Magnetek | no, yes, yes<br>yes, yes, yes | 12 |
| 1/2'x4', flush mount, no cover | 4' | 2 | 1 | 1 | Universal | no | 7 |
| 2'x4' lay-in, metal ice-cube cover | 4' | 4 | 2 | 2 | GE, GE | yes, yes | 3 |
| 2'x2' lay-in, plastic mini-diamond cover | 2 | 2 | 1 | 1 | Advance | yes | 2 |

## SEQUENTIAL REPORT OF LEAD PAINT INSPECTION FOR: City of Alexander City

Alexander City Police Department

Inspection Date: 01/28/08
Report Date: 4/4/2008
Abatement Level: 1.0
Report No. S#01333 - 01/28/08 14:25
Total Readings: 75
Job Started: 01/28/08 14:25
Job Finished: 01/28/08 15:58

| Read No. | Rm No. | Room Name | Wall | Structure | Location | Member | Paint Cond | Substrate | Color | Lead (mg/cm²) | Mode |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | CALIBRATION | | | | | | | | 1.1 | TC |
| 2 | | CALIBRATION | | | | | | | | 1.1 | TC |
| 3 | | CALIBRATION | | | | | | | | 1.2 | TC |
| 4 | 001 | 2nd FL N St | A | Wall | U Rgt | | F | Plaster | White | 0.2 | QM |
| 5 | 001 | 2nd FL N St | A | Window | Lft | Sash | P | Metal | White | 0.2 | QM |
| 6 | 001 | 2nd FL N St | A | Window | Rgt | Sill | P | Slate | White | 0.3 | QM |
| 7 | 001 | 2nd FL N St | A | Floor | | | I | Ceramic | Brown | 0.0 | QM |
| 8 | 001 | 2nd FL N St | B | Wall | U Rgt | | I | Plaster | White | -0.1 | QM |
| 9 | 001 | 2nd FL N St | C | Column | Rgt | L column | I | Plaster | White | 0.2 | QM |
| 10 | 002 | 2 FL N Hall | A | Wall | L Lft | | I | Wood | White | 0.2 | QM |
| 11 | 002 | 2 FL N Hall | B | Wall | U Rgt | | I | Plaster | White | -0.1 | QM |
| 12 | 002 | 2 FL N Hall | B | Door | Rgt | Lft casing | I | Wood | White | -0.1 | QM |
| 13 | 002 | 2 FL N Hall | C | Door | Lft | U Rgt | I | Wood | Natural | 0.1 | QM |
| 14 | 002 | 2 FL N Hall | C | Wall | U Rgt | | I | Conc Block | White | 0.0 | QM |
| 15 | 003 | Courtroom | A | Wall | L Lft | | I | Conc Block | Brown | -0.1 | QM |
| 16 | 003 | Courtroom | A | Wall | U Rgt | | I | Plaster | Tan | 2.6 | QM |
| 17 | 003 | Courtroom | B | Window | Lft | Sash | I | Metal | Tan | 0.2 | QM |
| 18 | 003 | Courtroom | B | Window | Rgt | Sill | I | Slate | Tan | -0.1 | QM |
| 19 | 003 | Courtroom | C | Bench | Ctr | | I | Wood | Natural | 0.1 | QM |
| 20 | 003 | Courtroom | D | Jury Box | Rgt | | I | Wood | Brown | 0.0 | QM |
| 21 | 003 | Courtroom | D | Wall | U Ctr | | I | Plaster | Tan | 3.2 | QM |
| 22 | 003 | Courtroom | D | Wall | U Rgt | | I | Plaster | Tan | 2.5 | QM |
| 23 | 003 | Courtroom | D | Base Mldg | Rgt | | I | Wood | Brown | -0.1 | QM |
| 24 | 004 | 1FL C Hall | A | Wall | U Lft | | I | Plaster | White | 0.0 | QM |
| 25 | 004 | 1FL C Hall | A | Door | Lft | L Rgt | I | Wood | Grey | 0.0 | QM |
| 26 | 004 | 1FL C Hall | A | Door | Lft | Rgt casing | I | Wood | Grey | 0.2 | QM |
| 27 | 004 | 1FL C Hall | A | Base Mldg | Ctr | | I | Wood | Grey | -0.1 | QM |
| 28 | 004 | 1FL C Hall | A | Window | Rgt | Rgt casing | I | Wood | Grey | -0.1 | QM |
| 29 | 004 | 1FL C Hall | C | Window | Rgt | Sash | P | Metal | White | 1.0 | QM |
| 30 | 004 | 1FL C Hall | A | Wall | U Lft | | I | Plaster | White | 0.0 | QM |
| 31 | 004 | 1FL C Hall | A | Door | Ctr | L Rgt | I | Wood | White | 0.1 | QM |
| 32 | 004 | 1FL C Hall | B | Base Mldg | Lft | | I | Wood | Black | -0.1 | QM |
| 33 | 004 | 1FL C Hall | B | Column | Lft | U column | I | Plaster | White | 0.1 | QM |
| 34 | 004 | 1FL C Hall | B | Wall | L Rgt | | I | Plaster | White | -0.1 | QM |
| 35 | 005 | 1FL TR Room | A | Wall | U Lft | | F | Plaster | White | 0.2 | QM |
| 36 | 005 | 1FL TR Room | A | Chair Rail | Lft | | I | Wood | White | 0.2 | QM |
| 37 | 005 | 1FL TR Room | A | Base Mldg | Ctr | | F | Wood | Black | -0.1 | QM |
| 38 | 005 | 1FL TR Room | B | Door | Lft | U Rgt | I | Wood | White | 0.0 | QM |
| 39 | 005 | 1FL TR Room | B | Door | Lft | Rgt casing | I | Wood | White | 0.1 | QM |
| 40 | 005 | 1FL TR Room | B | Wall | L Lft | | I | Plaster | White | 6.8 | QM |
| 41 | 005 | 1FL TR Room | C | Base Mldg | Ctr | | F | Metal | White | -0.1 | QM |
| 42 | 005 | 1FL TR Room | C | Base Mldg | Rgt | | I | Wood | Black | 0.2 | QM |
| 43 | 005 | 1FL TR Room | D | Window | Lft | Sash | I | Metal | White | 1.0 | QM |
| 44 | 005 | 1FL TR Room | D | Wall | L Lft | | I | Plaster | White | 0.1 | QM |
| 45 | 006 | Clerks Off | A | Wall | U Ctr | | I | Wood Panel | White | 0.2 | QM |
| 46 | 006 | Clerks Off | A | Door | Ctr | Lft casing | I | Wood | White | 0.3 | QM |
| 47 | 006 | Clerks Off | A | Base Mldg | Ctr | | I | Wood | White | 0.0 | QM |

## SEQUENTIAL REPORT OF LEAD PAINT INSPECTION FOR: City of Alexander City

| Read No. | Rm No. | Room Name | Wall | Structure | Location | Member | Paint Cond | Substrate | Color | Lead (mg/cm²) | Mode |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 48 | 006 | Clerks Off | B | Window | | Lft Sash | F | Metal | White | 0.2 | QM |
| 49 | 006 | Clerks Off | B | Wall | L | Rgt | I | Wood Panel | White | 0.2 | QM |
| 50 | 006 | Clerks Off | C | Wall | U | Rgt | I | Wood Panel | White | 0.3 | QM |
| 51 | 007 | G FL Stair | A | Wall | U | Lft | I | Plaster | White | 0.3 | QM |
| 52 | 007 | G FL Stair | A | Door | | Lft L Lft | I | Wood | White | 0.2 | QM |
| 53 | 007 | G FL Stair | A | Door | | Rgt Rgt casing | I | Wood | White | 0.0 | QM |
| 54 | 007 | G FL Stair | B | Wall | L | Lft | I | Plaster | White | 0.0 | QM |
| 55 | 007 | G FL Stair | B | Floor | | | F | Concrete | Grey | -0.1 | QM |
| 56 | 007 | G FL Stair | B | Streamer | | Ctr | I | Concrete | White | 0.1 | QM |
| 57 | 007 | G FL Stair | C | Wall | U | Rgt | I | Plaster | White | 0.0 | QM |
| 58 | 008 | Womens Cell | A | Wall | U | Lft | I | Conc Block | Peach | 0.1 | QM |
| 59 | 008 | Womens Cell | A | Floor | | | I | Concrete | Red | 0.0 | QM |
| 60 | 008 | Womens Cell | B | Door | | Ctr Lft casing | I | Metal | Red | 0.0 | QM |
| 61 | 008 | Womens Cell | B | Door | | Rgt U Lft | I | Metal | Peach | 0.0 | QM |
| 62 | 008 | Womens Cell | C | Wall | U | Rgt | I | Concrete | Peach | -0.2 | QM |
| 63 | 008 | Womens Cell | C | Ceiling | | | I | Concrete | Peach | 0.1 | QM |
| 64 | 009 | A Block | A | Wall | L | Rgt | I | Metal | Peach | 4.1 | QM |
| 65 | 009 | A Block | A | Floor | | | I | Concrete | Red | -0.2 | QM |
| 66 | 009 | A Block | A | Door | | Ctr Lft casing | I | Metal | Peach | -0.1 | QM |
| 67 | 009 | A Block | A | Wall | U | Rgt | I | Concrete | Peach | 0.1 | QM |
| 68 | 009 | A Block | B | Column | | Ctr U column | I | Concrete | Peach | 0.0 | QM |
| 69 | 009 | A Block | C | Wall | L | Lft | I | Concrete | Peach | 0.4 | QM |
| 70 | 010 | Elev Lobby | A | Wall | U | Lft | I | Conc Block | White | -0.1 | QM |
| 71 | 010 | Elev Lobby | B | Wall | U | Lft | I | Brick | White | -0.1 | QM |
| 72 | 010 | Elev Lobby | C | Wall | U | Lft | F | Conc Block | White | -0.1 | QM |
| 73 | | CALIBRATION | | | | | | | | 1.1 | TC |
| 74 | | CALIBRATION | | | | | | | | 1.0 | TC |
| 75 | | CALIBRATION | | | | | | | | 1.1 | TC |

---- End of Readings ----