

## **ADDENDUM NO. I**

DATE: March 29, 2017

TO: All Bidders

FROM: Janice McClelland, Assistant Purchasing Agent

SUBJECT: Addendum No. 1 – Sanitary Laundry Building: Roof Structure Repair and Reroofing

BIDS TO BE OPENED: April 24, 2017 (new date-see below), at 11:00:00 a.m.

This addendum becomes a part of the Contract Documents and modifies the original specifications as noted.

### **Item I. Postponement of Bid Submission Deadline**

The deadline for submission of bids hereby is postponed until April 24, 2017, in order for the City to acquire an assessment of the floor's load bearing capacity. This information will be shared with bidders by way of an addendum that shall be forthcoming; at the time the addendum is published, the City will consider if the deadline for submissions needs to be extended further or not.

### **Item II. Responses to Questions Raised at the Pre-Bid Conference Held at the Work Site on March 24, 2017**

1. Contractor shall be responsible for arranging temporary traffic control/lane closure during the project

2. The sidewalk may be cordoned off in order to accommodate a dumpster for disposal of construction debris. Bidders are advised that grates on the sidewalk will be need be avoided to prevent their collapse.
3. The City of Knoxville will not be doing any further cleanup of the work site.
4. A report regarding asbestos and lead paint immediately follows this Addendum. Bidders are reminded that they are to sub-contract with an appropriately licensed entity to address this portion of the work, and the Invitation to Bid contains specifications pertinent to these issues.

**END OF ADDENDUM NO. I**



October 22, 2014

City of Knoxville  
Office of Redevelopment  
400 Main Street, Suite 655  
Knoxville, Tennessee 37902

Attention: Ms. Anne Wallace

Subject: **Report of Limited Asbestos and Lead-Based Paint Survey**  
625 North Broadway Former Sanitary Laundry Facility  
750 Stone Street – Auto Repair Building  
760 Stone Street – Boiler House  
Knoxville, Tennessee  
EPA Cooperative Agreement Number BF-95443509-1  
S&ME Project No. 1434-11-392-007

Dear Ms. Wallace,

S&ME, Inc. (S&ME) is pleased to provide this report of the limited asbestos and lead based paint survey services conducted for the former Sanitary Laundry property located at 625 North Broadway, 750 Stone Street, and 760 Stone Street in Knoxville, Tennessee. The tasks completed by S&ME for this project were documented within S&ME Proposal Number 3411386R1 dated December 27, 2011 and authorized by acceptance of our proposal.

## **GENERAL PROJECT DESCRIPTION**

We understand that the former Sanitary Laundry property is included in the EPA Brownfield Assessment Grant for the City of Knoxville Downtown North Redevelopment area. It is our understanding that the site is being evaluated for potential future redevelopment. Based upon the observed age and condition of the buildings, S&ME was requested to perform an asbestos and lead-based paint survey.

## **SCOPE OF SERVICES**

### **ASBESTOS CONTAINING MATERIALS SURVEY SERVICES**

S&ME provided a Tennessee Department of Environment and Conservation (TDEC) and Environmental Protection Agency (EPA) accredited Asbestos Inspector to conduct the asbestos survey and sample collection of the referenced areas on February 17, 19, and May 16, 2014. Sampling of readily accessible materials was performed with the exception of areas within the buildings determined to be unsafe or inaccessible, specifically, the roof systems of all three buildings.

## Methods

The asbestos survey involved identifying and collecting bulk samples from suspect asbestos-containing materials (ACM) from accessible areas within the subject structures. The samples were documented on a chain of custody and submitted for analysis to a NVLAP accredited asbestos analytical laboratory<sup>1</sup>.

The material sampled was analyzed by EPA Method 600/R-93/116, Polarized Light Microscopy (PLM) utilizing dispersion staining techniques. PLM identifies asbestos content in a sample by identifying and indexing optical and mineralogical characteristics that are unique to one of six legally recognized asbestos minerals (actinolite, amosite, anthophyllite, chrysotile, crocidolite, and tremolite). Asbestos content is visually estimated and is reported as a percentage of the area of the particular sample analyzed.

## Results

According to the EPA National Emission Standards for Hazardous Air Pollutants (NESHAP), an ACM is defined as a material containing more than 1% asbestos as determined by PLM. Asbestos-containing materials are classified as friable ACM or non-friable ACM. Friable ACM is "ACM that, when dry, can be crumbled, pulverized or reduced to powder by hand pressure." Non-friable ACM cannot be crumbled, pulverized or reduced to powder by hand pressure. ACM may be further considered to be regulated asbestos-containing materials (RACM) under the EPA NESHAP standard or not regulated. This is an EPA designation and does not apply to issues concerning compliance with worker health and safety by OSHA rules. The following materials are defined as RACM under the rule:

1. Friable ACM,
2. Category I non-friable ACM that has become friable,
3. Category I non-friable ACM that has been subjected to sanding, grinding, cutting or abrading - including use of mechanical buffers and solvents to remove flooring mastic or,
4. Category II non-friable ACM that has a high probability of becoming or has become pulverized or reduced to powder by the forces expected on the material in the course of demolition or renovation operations.

Room assignments were designated by S&ME personnel and are included on the figures located in Appendix I. No asbestos was detected in the Former Auto Repair Building located at 750 Stone Street. ACM was identified during this survey in the following locations:

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<sup>1</sup> Accredited by the National Institute of Standards and Technology's National Voluntary Laboratory Accreditation Program (NVLAP).

**Sanitary Laundry Building – 625 North Broadway**

Sample #	Material Description	Location
SL-004 A/B	Beige square patterned linoleum with black mastic	Ground floor bathroom 103
SL-005 A/B	Black mastic on concrete floor	Ground floor 101
SL-008 A/B	Beige 9' x 9' floor tile with black mastic	Ground floor bathroom 102
SL-011 A/B & SL-012 A/B	Rocks over felt over tar paper over tar	Roof
SL-018 A/B	Blue 9' x 9' floor tile with black mastic	Basement room 010
SL-019 A/B	Black covebase with black mastic	Basement room 010
SL-020 A/B/C	Brown paper and black tar layered TSI with paper wrap on water pipes	Basement rooms 009 and 010
SL-021 A/B/C	Hard, white mud on elbows on water pipes	Basement room 010
SL-022 A/B	Green 9' x 9' floor tile with black mastic	Basement room 007
SL-024 A/B	Silver paint over black mastic on corkboard on ceiling	Basement room 015
SL-025 A/B/C	Hard, white pre-formed TSI with canvas wrap on steam line	Basement room 003
SL-026 A/B/C	Hard, white, TSI over chicken wire on boiler ends	Basement room 003
Assumed	Gaskets in pipe flanges	Ground floor room 100, basement floor rooms 003, 004, and 010
Assumed	Corrugated paper "Air Cell" TSI on cut pipes on floor	Basement room 003
Assumed	Sliding fire doors	Throughout building
Assumed	Hard, gray, roof flashing material	Roof

**Boiler House – 760 Stone Street**

Sample #	Material Description	Location
SL-001 A/B/C	White fibrous pre-formed TSI	East exterior building corner, under eave
SL-002 A/B/C	Black jacket on sample #1, firm paper-like material with yellow mastic	East exterior building corner, under eave
SL-003 A/B/C	Corrugated paper "Air Cell" TSI on 1 ½" pipe	East exterior building corner, under eave
Assumed	Gaskets in pipe flanges	Pipes at ceiling in east side of building

Figures showing the building and room designations are included in Appendix I. Comprehensive sample summary tables that include sample identification, location, asbestos type, ACM classification, and estimated quantities of identified ACM are provided in Appendix II. Representative photographs of the identified ACM are also included in Appendix II. The bulk sample laboratory analytical results are provided in Appendix III.

### **Asbestos Survey Limitations**

Although PLM/Dispersion Staining (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA AHERA, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. EPA recommends analyzing such materials (floor tiles, mastics and asphaltic roofing) using Transmission Electron Microscopy (TEM) when PLM analysis does not detect asbestos in quantities greater than 1%. Current EPA regulations do not require this additional analysis and the decision to do so is left to the client.

This report is not intended for use as an asbestos removal specification. *The quantities of ACM provided in this report are estimates for sample collection purposes and should not be used for asbestos abatement bidding purposes. The Asbestos Abatement Contractor is responsible for verifying the quantities of ACM for asbestos abatement purposes.* It is not within the scope of this work to describe all appropriate precautions, safeguards and regulations relating to asbestos. Prior to removal of asbestos, we recommend that an appropriately qualified and credentialed asbestos designer develop a removal plan.

### **LEAD-BASED PAINT ASSESSMENT**

For the lead-based paint survey, S&ME subcontracted a TDEC accredited Lead-Based Paint (LBP) Inspector. On February 17, 19, and May 16, 2014, the inspector used an X-Ray Fluorescence Spectrum Analyzer (XRF) to determine presence of LBP in the referenced buildings. Building drawings with room assignments are included in Appendix I. Representative photographs are provided in Appendix II. The lead-based paint XRF and paint chip laboratory sample analytical results are provided in Appendix III.

### **Methods**

The LBP inspector developed a sampling strategy to provide representative samples in general accordance with the U.S. Department of Housing and Urban Development (HUD) *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing Chapter 7*.

Sampling locations for the Sanitary Laundry Building followed the protocol:

- Side A: East side of the building at North Broadway
- Side B: South side of the building
- Side C: West side of the building
- Side D: North side of the building

Sampling locations for the Auto Repair Building followed the protocol:

Side A: Northeast side of the building

Side B: Southeast side of the building

Side C: West side of the building at Stone Street

Side D: Northwest side of the building at Sumpter Street

Sampling locations for the Boiler Building followed the protocol:

Side A: Northeast side of the building

Side B: Southeast side of the building

Side C: Southwest side of the building

Side D: Northwest side of the building at Sumpter Street

XRF instruments expose a building component to X-Rays or gamma radiation, which causes lead to emit X-Rays with a characteristic frequency or energy. The intensity of the radiation is measured by the instrument. Readings reported greater than 1.0 mg/cm<sup>2</sup> are determined to be positive for lead as defined by Title X of the 1992 Housing and Community Development Act.

The inspector performed analysis using the XRF instrument's K+L mode during the sampling. According to the Performance Characteristics Sheet for the Niton XLP-300 Series XRF used during analysis, no substrate corrections were necessary and were not utilized on this project.

Paint chip samples were collected during the assessment to verify the results of the XRF readings. A National Lead Laboratory Accreditation Program (NLLAP) accredited laboratory was utilized for the analysis of the paint-chip samples.

## Results

Of the 144 samples analyzed using XRF in the former Sanitary Laundry property, 40 samples tested positive for lead based paint. The LBP was identified in the following locations:

### Sanitary Laundry - 625 North Broadway

Reading No.	Component Part	Substrate	Side	Condition	Color	Floor	Room
5	Wall	Plaster	A	Poor	White	Ground	101
6	Wall	Plaster	C	Cracking	Brown	Ground	101
10	Ceiling	Plaster	-	Peeling	White	Ground	101
15	Sprinkler pipe	Metal	-	Peeling	White	Ground	101
21	Wall	Plaster	C	Fair	Blue	Ground	104
22	Wall	Plaster	D	Fair	Blue	Ground	104
23	Wall	Plaster	B	Fair	Blue	Ground	103
24	Wall	Plaster	D	Fair	Blue	Ground	103
29	Wall	Cinder Block	A	Fair	Green	Ground	102

Sanitary Laundry - 625 North Broadway, Continued							
Reading No.	Component Part	Substrate	Side	Condition	Color	Floor	Room
30	Wall	Cinder Block	C	Intact	Green	Ground	102
34	Wall	Plaster	B	Cracking	Greene	Ground	102A
37	Wall	Brick	B	Cracking	Beige	Ground	100
38	Wall	Brick	B	Chalking	Green	Ground	100
39	Wall	Brick	D	Cracking	Greene	Ground	100
40	Column	Metal	-	Cracking	Green	Ground	100
41	Column	Metal	-	Poor	Green	Ground	100
42	Elevator shaft wall	Wood	D	Poor	Green	Ground	100
43	Window sash	Metal	B	Poor	Green	Ground	100
53	Door	Wood	C		Black	Basement	012
54	Door jamb	Wood	C	Intact	Black	Basement	012
76	Column	Concrete	C	Cracking	Green	Basement	010
89	Wall	Brick	B		Green	Basement	007
92	Door	Wood	D	Intact	Beige	Basement	007
93	Door casing	Wood	D	Intact	Brown	Basement	007
96	Wall	Cinder block	A	Intact	White	Basement	008
98	Door	Metal	C	Peeling	Green	Basement	008
108	Ceiling	Concrete	-	Intact	Beige	Basement	001
109	Ceiling	Concrete	-	Intact	Green	Basement	001
110	Wall	Brick	B	Intact	Beige	Basement	001
111	Wall	Brick	D	Intact	White	Basement	001
112	Column	Concrete	-	Intact	Green	Basement	001
113	Column	Concrete	-	Poor	Green	Basement	001
114	Wall	Brick	A	Peeling	Green	Basement	000
116	Door	Metal	A	Peeling	Green	Basement	000
119	Wall	Cinder block	A	Intact	Green	Basement	004
120	Wall	Brick	C	Peeling	Green	Basement	004
121	Ceiling	Concrete	-	Fair	Gray	Basement	004
122	Ceiling	Concrete	-		Gray	Basement	004
126	Door	Wood	-	Peeling	Green	Basement	009
130	Column	Concrete	-	Intact	White	Basement	015



Of the 35 samples taken in the former Boiler House, two tested positive for lead based paint. The LBP was identified in the following locations:

**Boiler House - 760 Stone Street**

Reading No.	Component Part	Substrate	Side	Condition	Color	Floor	Room
7	Door	Metal	B	Poor	Green	Ground	Exterior
10	Door casing	Metal	B	Poor	Green	Ground	Exterior

Of the 47 samples taken in the former Auto Repair Building, two tested positive for lead based paint. The LBP was identified in the following locations:

**Auto Repair Building - 750 Stone Street**

Reading No.	Component Part	Substrate	Side	Condition	Color	Floor	Room
12	Wall	Cinder block	D	Fair	Brown	Ground	100
39	Pipe	Metal	D	Fair	Green	Ground	Exterior

According to HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing Chapter 7*, inspection by paint-chip analysis is recommended for inaccessible areas or building components with irregular (non-flat) surfaces that cannot be tested using XRF instrumentation. Laboratory analysis is also recommended to confirm inconclusive XRF results, or at the inspector's professional judgment. Eight paint chip samples were collected and analyzed for lead content to confirm the results of the XRF instrument. The paint chip samples generally correlate with the results of the lead XRF readings for the respective sample locations.

Building drawings with room assignments are included in Appendix I. A sample summary table for verification paint chip samples taken is included in Appendix II. Photographs of the sample locations that were determined to be lead-containing are also included in Appendix II. One photograph was provided for similarly sampled materials. The lead XRF sample readings and paint chip laboratory analytical results are included in Appendix III.

## **CONCLUSIONS and RECOMMENDATIONS**

### Asbestos Containing Materials:

S&ME identified ACM in the referenced buildings. The identified ACMs should not be disturbed until they are to be removed prior to renovation or demolition. The identified ACM was generally observed to be in good condition with the exception of the following:

- Sanitary Laundry Building sample SL-020; Brown paper and black tar layered TSI with paper wrap laying on the floor

- Sanitary Laundry Building sample SL-025; hard white pre-formed TSI with canvas wrap on the steam line
- Sanitary Laundry Building basement room 003; corrugated paper "Air Cell" TSI on cut pipes on the floor
- Boiler Building east exterior building corner under eave; white fibrous pre-formed thermal system insulation
- Boiler Building east exterior building corner under eave; corrugated paper "Air Cell" TSI

The Occupational Safety and Health Administration (OSHA), the EPA, as well as TDEC have strenuous requirements for asbestos handling, permitting, removal, accreditation, worker safety, transport and waste disposal operations. S&ME recommends contracting accredited asbestos professionals to provide asbestos consulting and removal services for demolition-affected asbestos materials prior to beginning such activities. If non-sampled suspect materials are discovered during demolition that are similar in appearance, age, or use with sampled materials, they should be treated the same as the sampled materials.

#### Lead Based Paint:

The lead-containing paints were observed to be in poor condition. The lead XRF table identifies location and condition of LBP in the buildings. The current TDEC policy, *Management and Disposal of Lead-Based Paint Debris* should be reviewed prior to renovation activities.

Paints tested exhibited levels of lead that may be applicable to OSHA regulation 29 CFR 1926.62 (Lead in Construction). It should be noted that OSHA does not recognize a threshold level of lead for definition purposes, only the airborne concentration of lead to which a worker is exposed. Work activities affecting lead-containing paint coated surfaces (i.e. component removal, manual demolition, paint surface preparation, etc.), should be performed in accordance with OSHA, including but not limited to training, initial exposure monitoring, the use of personal protective equipment, and medical surveillance.

## **LIMITATIONS**

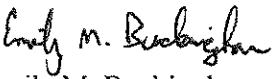
This report is an instrument of service of S&ME. The report was prepared for and is intended for the exclusive use of the City of Knoxville. The contents of this report may not be relied upon by any party other than the City of Knoxville without the express written permission of S&ME.


## **CLOSING**

S&ME sincerely appreciates the opportunity to provide you with this report. If you have questions concerning this report, please feel free to contact us at (865) 970-0003.

Sincerely,

**S&ME, Inc.**

  
Emily M. Buckingham *bms*  
Asbestos Inspector  
A-I-68828-29629

  
James R. Bruce  
Senior Project Manager

Senior Reviewed by Eric M. Solt

**Attachments:**

- Appendix I: Building Drawings with Room Assignments
- Appendix II: Asbestos and Lead-Based Paint Sample Summary Tables  
Representative Photographs
- Appendix III: Laboratory Analytical Results  
Lead XRF Sample Readings

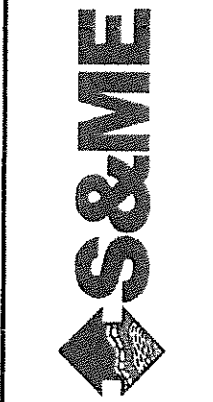
## APPENDIX I

### BUILDING DRAWINGS WITH ROOM ASSIGNMENTS



Building Drawing with Room  
Assignments  
Room Numbers Assigned by S&ME

Scale: NTS  
Checked By: JRB  
Date: 2/13/2014




**Boiler Building**  
Former Sanitary Laundry Property  
760 Stone Street  
Knoxville, Tennessee  
Project No: 1434-11-392

**Figure**  
**1**

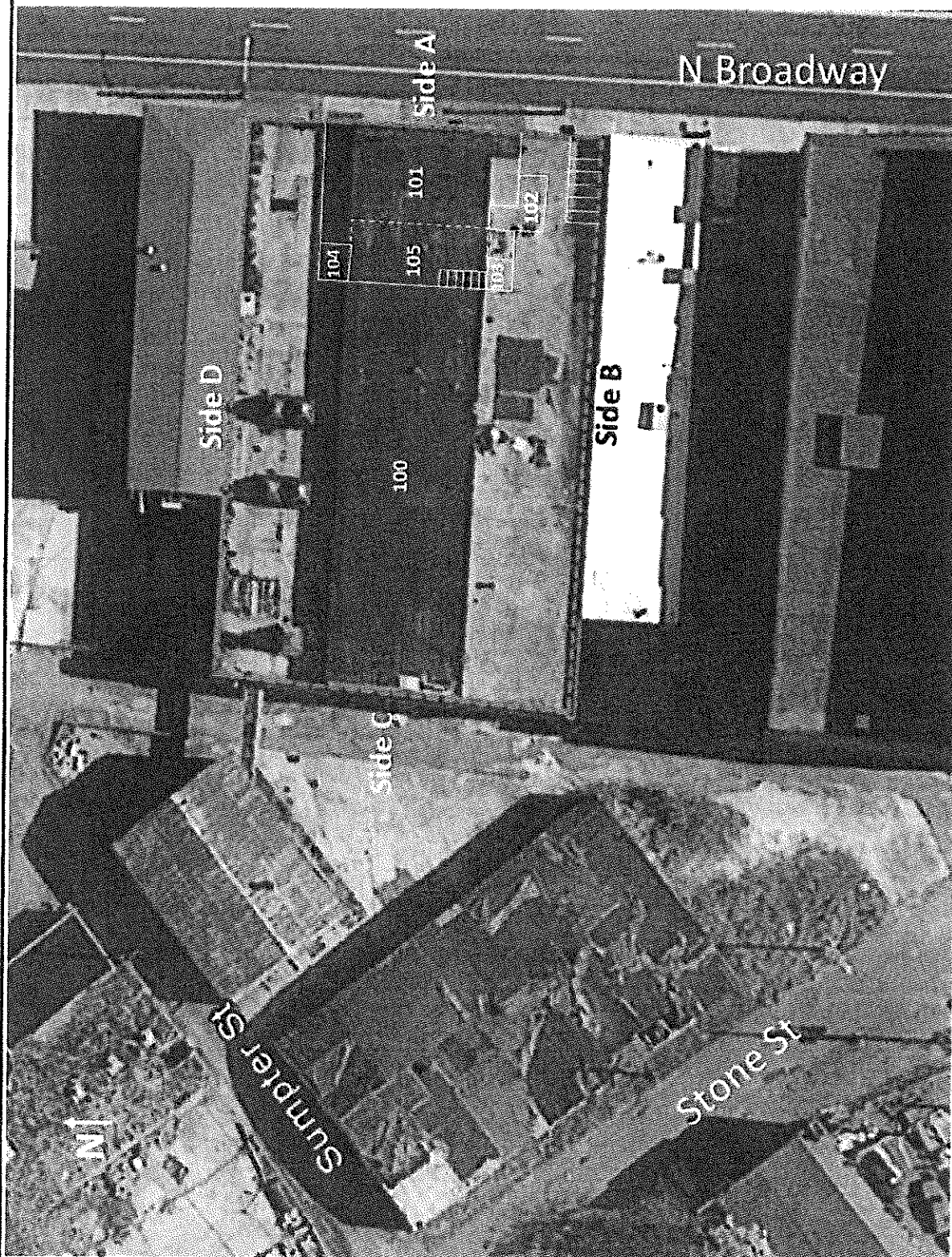




Building Drawing with Room Assignments Room Numbers Assigned by S&ME	Scale: NTS	 <b>S&amp;ME</b>	<b>Auto Repair Building</b> Former Sanitary Laundry Property 750 Stone Street Knoxville, Tennessee	<b>Figure</b>  <b>2</b>
	Checked By: JRB			
	Date: 2/13/2014			
Project No: 1434-11-392				







<div> <div>Building Drawing with Room Assignments</div> <div>Room Numbers Assigned by S&amp;ME</div> </div>			<div> <div>Scale: NTS</div> <div>Checked By: JRB</div> <div>Date: 2/13/2014</div> </div>		<div> <div>S&amp;ME</div> <div> <div>Sanitary Laundry</div> <div>Ground Floor</div> </div> <div> <div>Former Sanitary Laundry Property</div> <div>625 N. Broadway</div> <div>Knoxville, Tennessee</div> </div> <div>Project No: 1434-11-392</div> </div>	<div>Figure</div> <div>4</div>
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**APPENDIX II**

**ASBESTOS AND LEAD-BASED PAINT SAMPLE SUMMARY TABLES  
REPRESENTATIVE PHOTOGRAPHS**

**Asbestos Sample Summary Table**  
Sanitary Laundry Site/ Sanitary Laundry Building  
625 North Broadway  
Knoxville, Tennessee  
S&ME Project No. 1434-11-392  
Collected on February 17 and 19, 2014

Sample #'s	Material Description	Friable/ Non-Friable	Sample Location and Approximate Quantity	Sample Results (% Asbestos)
SL-001 A/B	Gray Window Glazing	Friable	Ground Floor Rooms 100 and 101 Basement Floor Rooms 010 and 004/ N/A	ND
SL-002 A/B	Plaster Wall and Ceiling Covering	Non-Friable	Ground Floor Room 101/ NA	ND
SL-003 A/B	Beige Textured Wall Paint	Friable	Ground Floor Room 101/ NA	ND
SL-004 A/B	Beige Square Patterned Linoleum with Black Mastic	Non-Friable	Ground Floor Bathroom 103/ 50 ft <sup>2</sup>	Linoleum: ND Mastic: 3% Chrysotile
SL-005 A/B	Black Mastic on Concrete Floor	Non-Friable	Ground Floor 101/ 1,300 ft <sup>2</sup>	7% Chrysotile
SL-006 A/B	Black Felt Paper on Guard Post of Elevator	Non-Friable	Ground Floor Room 100 at Elevator/ NA	ND
SL-007 A/B	Black, Hard, Porous, Asphalt-like, Floor Covering	Non-Friable	Ground Floor Room 100/ NA	ND
SL-008 A/B	Beige 9" x 9" Floor Tile with Black Mastic	Non-Friable	Ground Floor Bathroom 102/ 30 ft <sup>2</sup>	Floor Tile: 5% Chrysotile Mastic: 3% Chrysotile
SL-009 A/B	Pink Window Glazing	Friable	Ground Floor Rooms 100 and 101 Basement Floor Rooms 010 and 004/ N/A	ND
SL-010 A/B	White Window Glazing	Friable	Ground Floor Rooms 100 and 101 Basement Floor Rooms 010 and 004/ N/A	ND
SL-011 A/B	Rocks over Tar Paper over Roofing Felt	Non-Friable	Roof – Middle Section/ 15,000 ft <sup>2</sup> Total Roof Area	Tar Paper: 3% Chrysotile
SL-012 A/B	Rocks over Tar Paper over Roofing Felt	Non-Friable	Roof – East Section/ 15,000 ft <sup>2</sup> Total Roof Area	Tar Paper: 4% Chrysotile

ND – None Detected NA – Not Applicable

Tables Compiled By: Emily Buckingham

Data QC By: Rick Bruce

# Asbestos Sample Summary Table (Continued)

Sanitary Laundry Site/ Sanitary Laundry Building

625 North Broadway

Knoxville, Tennessee

S&ME Project No. 1434-11-392

Collected on February 17 and 19, 2014

Sample #'s	Material Description	Friable/ Non-Friable	Sample Location and Approximate Quantity	Sample Results (% Asbestos)
SL-013 A/B	Fabric and Tar Coated Electrical Wire	Non-Friable	Ground Floor Room 100/ NA	ND
SL-014 A/B	Beige Square Patterned Linoleum with Black Mastic over Concrete	Non-Friable	Basement Room 012/ NA	ND
SL-015 A/B	Drywall, Tape, Joint Compound	Friable	Walls of Basement Rooms 010 - 014/ NA	ND
SL-016 A/B	Drywall with Black Paper Backing, Tape, Joint Compound	Friable	Ceilings of Basement Rooms 010- 014/ NA	ND
SL-017 A/B	Beige, Small Square Patterned Linoleum with Black Mastic	Non-Friable	Basement Bathroom 014/ NA	ND
SL-018 A/B	Blue 9" x 9" Floor Tile with Black Mastic	Non-Friable	Basement Room 010/ 35 ft <sup>2</sup>	Floor Tile: 4% Chrysotile Mastic: 3% Chrysotile
SL-019 A/B	Black Covebase with Black Mastic	Non-Friable	Basement Room 010/ 20 LF	Covebase: 4% Chrysotile Mastic: ND
SL-020 A/B/C	Brown Paper and Black Tar Layered Thermal System Insulation with Paper Wrap on Water Pipes	Friable	Basement Rooms 009 and 010/ 100 LF	Brown Paper: 20% Chrysotile
SL-021 A/B/C	Hard, White Mud on Elbows of Water Pipes	Friable	Basement Room 010/ 4 Elbows	30% Chrysotile
SL-022 A/B	Green 9" x 9" Floor Tile with Black Mastic	Non-Friable	Basement Room 007/ 250 ft <sup>2</sup>	Floor Tile: 4% Chrysotile Mastic: 5% Chrysotile
SL-023 A/B	Yellow Window Glazing	Friable	Basement Rooms 000, 005, and 010/ NA	ND
SL-024 A/B	Silver Paint over Black Mastic on Corkboard on Ceiling	Non-Friable	Basement Room 015/ 800 ft <sup>2</sup>	Black Mastic: 2% Chrysotile

ND – None Detected NA – Not Applicable

Tables Compiled By: Emily Buckingham

Data QC By: Rick Bruce

### Asbestos Sample Summary Table (Continued)

Sanitary Laundry Site/ Sanitary Laundry Building

625 North Broadway

Knoxville, Tennessee

S&ME Project No. 1434-11-392

Collected on February 17 and 19, 2014

Sample #'s	Material Description	Friable/ Non-Friable	Sample Location and Approximate Quantity	Sample Results (% Asbestos)
SL-025 A/B/C	Hard, White Pre-Formed Thermal System Insulation with Canvas Wrap on Steam Line	Friable	Basement Room 003/ 160 LF	15% Chrysotile 40% Amosite
SL-026 A/B/C	Hard, White, Thermal System Insulation over Chicken Wire on Boiler Ends	Friable	Basement Room 003/ 400 ft <sup>2</sup>	45% Chrysotile
SL-027 A/B/C	White, Wiry Gasket Material	Non-Friable	Basement Room 003/ NA	ND
ASSUMED	Gaskets in Pipe Flanges	Non-Friable	Ground Floor Room 100, Basement Floor Rooms 003, 004, and 010 / 35 Flanges	ASSUMED
ASSUMED	Corrugated Paper "Air Cell" Thermal System Insulation on Cut Pipes on Floor	Friable	Basement Room 003/ 400 LF	ASSUMED
ASSUMED	Sliding Fire Doors	Non-Friable	Throughout Building/ 12 Doors	ASSUMED
ASSUMED	Hard, Gray, Roof Flashing Material	Non-Friable	Roof/ 200 ft <sup>2</sup>	ASSUMED

ND -- None Detected    NA -- Not Applicable

Tables Compiled By: Emily Buckingham

Data QC By: Rick Bruce

**Asbestos Sample Summary Table**  
 Sanitary Laundry Site/ Former Auto Repair Building  
 750 Stone Street  
 Knoxville, Tennessee  
 S&ME Project No. 1434-11-392  
 Collected on May 16, 2014

Sample #'s	Material Description	Friable/ Non-Friable	Sample Location and Approximate Quantity	Sample Results (% Asbestos)
AR-001 A/B	White window glazing	Friable	Interior windows/ NA	ND
AR-002 A/B	Felt paper with roofing tar	Non-Friable	Roof/ NA	ND

ND – None Detected    NA – Not Applicable    Tables Compiled By: Emily Buckingham    Data QC By: Rick Bruce

**Asbestos Sample Summary Table**  
Sanitary Laundry Site/ Former Boiler House  
760 Stone Street  
Knoxville, Tennessee  
S&ME Project No. 1434-11-392  
Collected on May 16, 2014

Sample #'s	Material Description	Friable/ Non-Friable	Sample Location and Approximate Quantity	Sample Results (% Asbestos)
SL-001 A/B/C	White fibrous pre-formed TSI	Friable	East exterior of building corner, under eave/ 60 LF	10% Amosite
SL-002 A/B/C	Black jacket on sample #1, firm paper like material with yellow mastic	Friable	East exterior of building corner, under eave/ 60 LF	20% Chrysotile 5% Amosite
SL-003 A/B/C	Corrugated paper "Air Cell" TSI on 1 1/2" pipe	Friable	East exterior of building corner, under eave and inside/ 35 LF	70% Chrysotile
SL-004 A/B	White window glazing	Friable	Exterior windows/ 22 windows	ND
SL-005 A/B	Fiber wiring inside building	Non-Friable	Interior wiring/ NA	ND
SL-006 A/B	Gray window glazing	Friable	Interior windows/ NA	ND
SL-007 A/B	Pink window glazing	Friable	Interior windows/ NA	ND
SL-008 A/B	Brown paper over tar over foil on fiberglass pipe insulation	Non-Friable	Interior piping/ NA	ND
SL-009 A/B	White soft insulation/door filling on fire door	Friable	Wood door on south side of building/ NA	ND
ASSUMED	Gaskets in pipe flanges	Non-Friable	Pipes at ceiling in east side of building/ 5 Flanges	ASSUMED

ND – None Detected    NA – Not Applicable

Tables Compiled By: Emily Buckingham

Data QC By: Rick Bruce

# Lead-Based Paint Sample Summary Table

Sanitary Laundry Property

625 North Broadway

Knoxville, Tennessee

S&ME Project No. 1434-11-392

Collected on February 17 and 19, 2014

Sample #	Paint Color	Current Condition	Painted Surface Location	Concentration Lead (% by weight)
SL-001P	White	Poor	Wall in Ground Floor Room 101	5.6
SL-002P	Brown	Poor	Windows in Ground Floor Room 101	0.32
SL-003P	Dark Green	Poor	Wall in Ground Floor Room 100	7.5
SL-004P	Dark Green	Poor	Fire Door in Basement Room 008	7.0
SL-005P	White	Poor	Wall in Basement Room 005	< 0.024

NA – Not Applicable

Table Compiled By: Emily Buckingham

Data QC By: Rick Bruce

# Lead-Based Paint Sample Summary Table

Sanitary Laundry Property

Auto Repair

750 Stone Street

Knoxville, Tennessee

S&ME Project No. 1434-11-392

Collected on February 17 and 19, 2014

Sample #	Paint Color	Current Condition	Painted Surface Location	Concentration Lead (% by weight)
AR-01P	Green	Poor	Exterior pipe at alley	8.6
AR-02P	White	Poor	Exterior block on street side	< 0.0037

NA – Not Applicable

Table Compiled By: Emily Buckingham

Data QC By: Rick Bruce



# Lead-Based Paint Sample Summary Table

Sanitary Laundry Property  
Boiler House  
760 Stone Street  
Knoxville, Tennessee  
S&ME Project No. 1434-11-392  
Collected on February 17 and 19, 2014

Sample #	Paint Color	Current Condition	Painted Surface Location	Concentration Lead (% by weight)
SL-01P	Green	Poor	Exterior metal door	5.7

NA – Not Applicable

Table Compiled By: Emily Buckingham

Data QC By: Rick Bruce

Sanitary Laundry Property  
Knoxville, TN  
Project #: 1434-11-392  
Sheet 1 of 28

**S&ME**  
1413 Topside Road  
Louisville, TN 37777


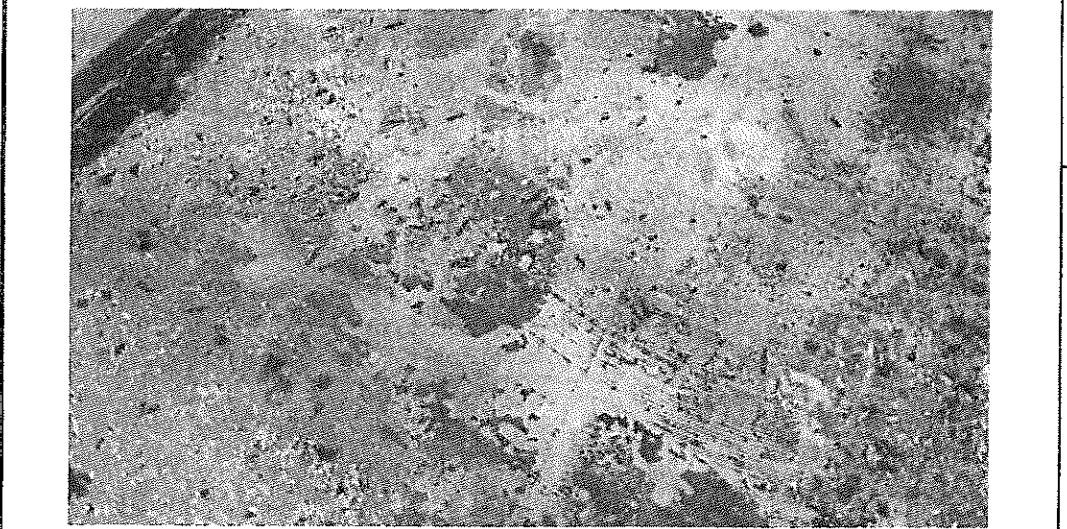
Photo 1		
		<b>Date:</b> 2/17/2014  <b>Photographer:</b> Emily Buckingham
<b>Sample # / Location</b>	SL-004 A/B / Sanitary laundry building - Ground floor bathroom room 103	
<b>Remarks</b>	Beige square patterned linoleum with black mastic Linoleum: ND; Mastic 3% Chrysotile	

Photo 2		
		<b>Date:</b> 2/17/2014  <b>Photographer:</b> Emily Buckingham
<b>Sample # / Location</b>	SL-005 A/B / Sanitary laundry building - Ground floor room 101	
<b>Remarks</b>	Black mastic on concrete floor 7% Chrysotile	

Sanitary Laundry Property  
 Knoxville, TN  
 Project #: 1434-11-392  
 Sheet 2 of 28

**S&ME**  
 1413 Topside Road  
 Louisville, TN 37777


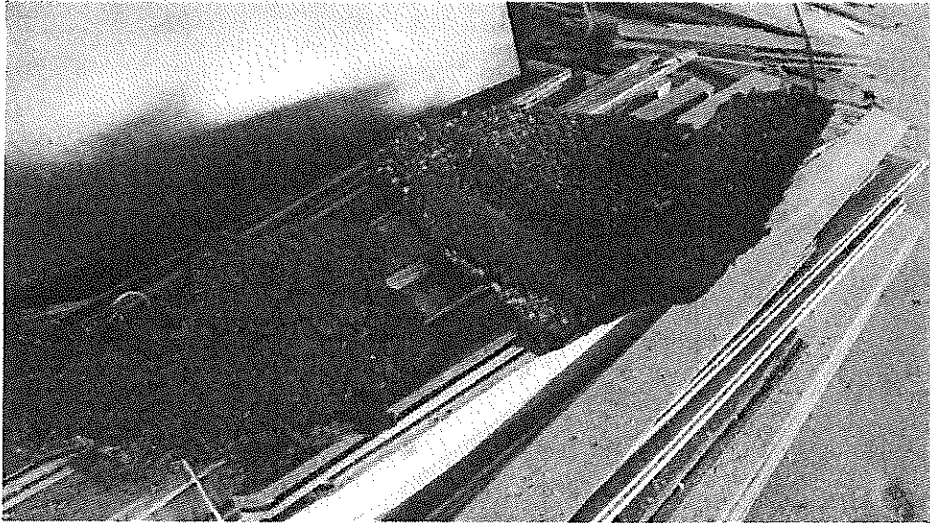
Photo 3	
	
<div style="display: flex; justify-content: space-between;"> <div> <p><b>Sample # / Location</b> SL-008 A/B/ Sanitary laundry building - Ground floor bathroom 102</p> <p><b>Remarks</b> Beige 9" x 9" floor tile with black mastic            Tile: 5% Chrysotile, Mastic: 3% Chrysotile</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <p><b>Date:</b> 2/17/2014</p> <p><b>Photographer:</b> Emily Buckingham</p> </div> </div>	

Photo 4	
	
<div style="display: flex; justify-content: space-between;"> <div> <p><b>Sample # / Location</b> SL-011 A/B &amp; SL-012 A/B / Sanitary laundry building - Roof</p> <p><b>Remarks</b> Rocks over tar paper over roofing felt            Tar paper: 4% Chrysotile</p> </div> <div style="writing-mode: vertical-rl; transform: rotate(180deg);"> <p><b>Date:</b> 2/17/2014</p> <p><b>Photographer:</b> Emily Buckingham</p> </div> </div>	

Sanitary Laundry Property  
Knoxville, TN  
Project #: 1434-11-392  
Sheet 3 of 28



1413 Toppide Road  
Louisville, TN 37777


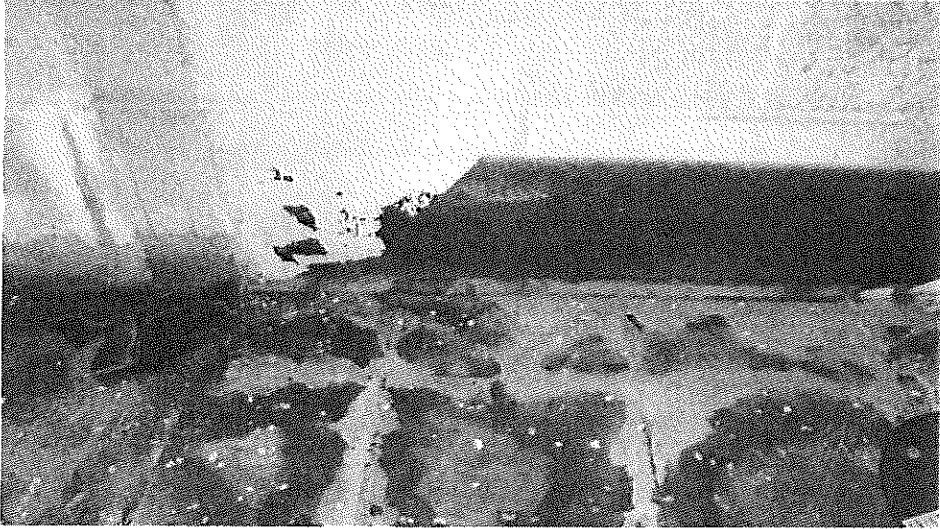
Photo 5	
	Date: 2/19/2014
	Photographer: Emily Buckingham
Sample # / Location	SL-018 A/B/ Sanitary laundry building - Basement room 010
Remarks	Blue 9" x 9" floor tile with black mastic Floor tile: 4% Chrysotile, Mastic 3% Chrysotile

Photo 6	
	Date: 2/19/2014
	Photographer: Emily Buckingham
Sample # / Location	SL-019 A/B/ Sanitary laundry building - Basement room 010
Remarks	Black covebase with black mastic Covebase: 4% Chrysotile, Mastic: ND

Sanitary Laundry Property  
Knoxville, TN  
Project #: 1434-11-392  
Sheet 4 of 28

 **S&ME**  
1413 Topside Road  
Louisville, TN 37777

**Photo 7**



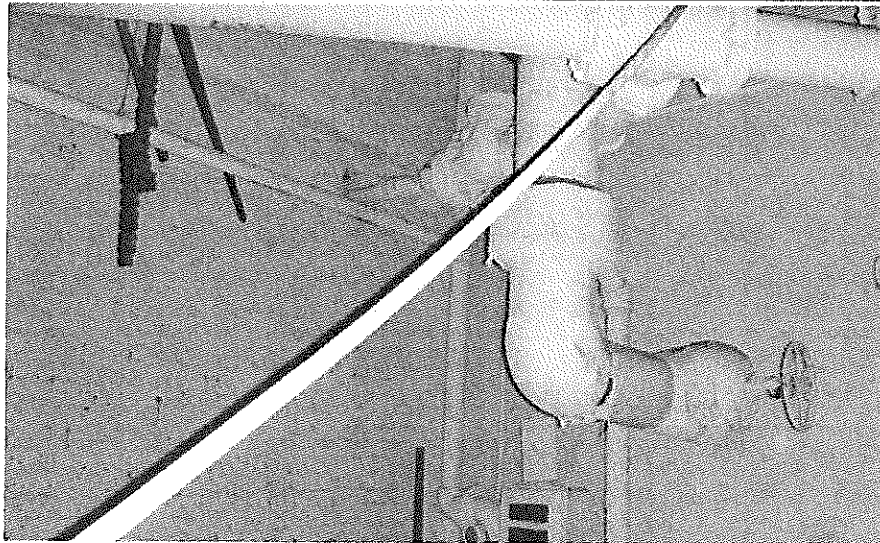
Date: 2/19/2014

Photographer: Emily Buckingham

**Sample # / Location** SL-020 A/B/C/ Sanitary laundry building - Basement rooms 009 and 010

**Remarks** Brown paper and black tar layered thermal system insulation with paper wrap on water pipes  
Brown paper: 20% Chrysotile

**Photo 8**



Date: 2/19/2014

Photographer: Emily Buckingham

**Sample # / Location** SL-021 A/B/C/Sanitary laundry building - Basement room 010

**Remarks** Hard, White mud on elbows of water pipes  
30% Chrysotile



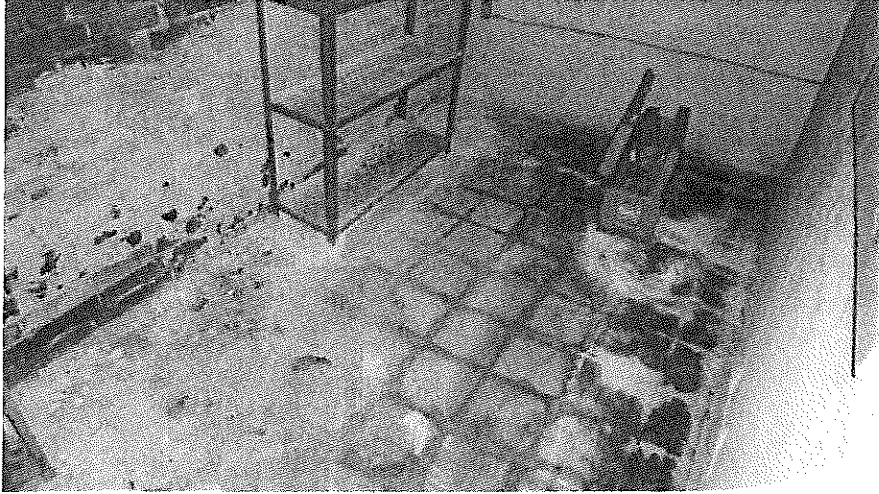
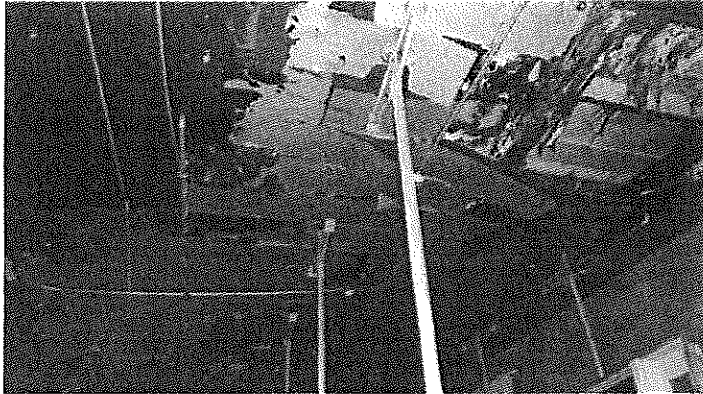
Photo 9	
	
<div style="float: right; width: 150px;"> <b>Date:</b> 2/19/2014   <b>Photographer:</b> Emily Buckingham         </div>	
<b>Sample # / Location</b>	SL-022 A/B/Sanitary laundry building - Basement room 007
<b>Remarks</b>	Green 9" x 9" floor tile with black mastic Floor tile: 4% Chrysotile, Mastic 5% Chrysotile

Photo 10	
	
<div style="float: right; width: 150px;"> <b>Date:</b> 2/19/2014   <b>Photographer:</b> Emily Buckingham         </div>	
<b>Sample # / Location</b>	SL-024 A/B/ Saniary laundry building - Basement room 015
<b>Remarks</b>	Silver paint over black mastic on corkboard on ceiling Black mastic: 2% Chrysotile

### APPENDIX III

#### LABORATORY ANALYTICAL RESULTS LEAD XRF SAMPLE READINGS



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

## Asbestos Bulk Analysis Report

Report Number: 14-05-02084

Client: S&ME Inc. - Louisville  
1413 Topside Road  
Louisville, TN 37777

Received Date: 05/19/2014  
Analyzed Date: 05/21/2014  
Reported Date: 05/22/2014

Project/Test Address: 1434-11-392p007, Former Sanitary Laundry, Auto Repair Building

Client Number:  
44-3087

Fax Number:  
865-970-2312

## Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-05-02084-001	AR-001A		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
14-05-02084-002	AR-001B		Tan Granular; Homogeneous	NAD	100% Non-Fibrous
14-05-02084-003	AR-002A		Black Tar-Like; Fibrous; Inhomogeneous	NAD	35% Cellulose 65% Non-Fibrous
14-05-02084-004	AR-002B		Black Tar-Like; Fibrous; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous



## Environmental Hazards Services, L.L.C

Client Number: 44-3087  
Project/Test Address: 1434-11-392p007, Former Sanitary  
Laundry, Auto Repair Building

Report Number: 14-05-02084

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
-------------------	----------------------	------------	-----------------------	----------	-----------------

QC Sample: 62-NY-33-2392

QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

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

Analyst: Sami Hosn



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. 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. 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

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**  
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

<b>Company Name:</b> S&ME INC./Knoxville Branch		<b>Date:</b> 5/16/2014	
<b>Address:</b> 1413 Topside Road		<b>Contact Name:</b> Emmy Buckingham	
<b>City, State, Zip:</b> Louisville, Tennessee 37777		<b>Sampler Name:</b> Emmy Buckingham	
<b>EHS Client Account #:</b> 44-3087A		<b>Project #:</b> 1434-11-392p007	
<b>Phone #:</b> (865) 970-0003		<b>Former Sanitary Laundry</b>	
<b>P.O. #:</b> 1434-11-392 p007(E)		<b>Auto Repair Building</b>	

Sample Number	Sample Date & Time	Asbestos					Lead				Other Metals (Specify metals below)				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>		Comments: Standard Turnaround Time			
		Bulk ID by PLM	(PCM) Fiber Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm <sup>2</sup> )	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide	Surface Swab		Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft <sup>2</sup> ) OR Scrape Area (cm <sup>2</sup> )
AR-001A	5/16/2014 X	X																						
AR-001B	5/16/2014 X	X																						
AR-002A	5/16/2014 X	X																						
AR-002B	5/16/2014 X	X																						

14-05-02084

Due Date:  
05/22/2014  
(Thursday)  
AE M Inv

Positive Stop

Positive Stop

S

\* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released by: Emmy Buckingham	Signature: <i>Emmy Buckingham</i>	Date/Time: 5/16/2014 - 14:00
Received by: Ashley Manning	Signature: <i>Ashley Manning</i>	Date/Time: 5/19/14
Released by:	Signature:	Date/Time:
Received by:	Signature:	Date/Time:



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

## Asbestos Bulk Analysis Report

**Client:** S&ME Inc. - Louisville  
1413 Topside Road  
Louisville, TN 37777

**Report Number:** 14-05-02072

**Received Date:** 05/19/2014  
**Analyzed Date:** 05/22/2014  
**Reported Date:** 05/22/2014

**Project/Test Address:** 1434-11-392p007, Former Sanitary Laundry, Boiler Building

**Client Number:**  
44-3087

**Fax Number:**  
865-970-2312

### Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-05-02072-001	SL-001A		White Powder; Fibrous; Homogeneous	10% Amosite	90% Non-Fibrous
Total Asbestos: 10%					
14-05-02072-002	SL-001B			Did Not Analyze (Positive Stop)	
14-05-02072-003	SL-001C			Did Not Analyze (Positive Stop)	
14-05-02072-004	SL-002A		Black Tar-Like; Fibrous; White Fibrous; Powder; Inhomogeneous	20% Chrysotile 5% Amosite	10% Cellulose 65% Non-Fibrous
Total Asbestos: 25%					
Chrysotile present throughout sample.					
14-05-02072-005	SL-002B			Did Not Analyze (Positive Stop)	
14-05-02072-006	SL-002C			Did Not Analyze (Positive Stop)	

# Environmental Hazards Services, L.L.C

Client Number: 44-3087

Report Number: 14-05-02072

Project/Test Address: 1434-11-392p007, Former Sanitary  
Laundry, Boiler Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-05-02072-007	SL-003A		White Fibrous; Powder; Homogeneous	70% Chrysotile	5% Cellulose 25% Non-Fibrous
<b>Total Asbestos: 70%</b>					
14-05-02072-008	SL-003B			Did Not Analyze (Positive Stop)	
14-05-02072-009	SL-003C			Did Not Analyze (Positive Stop)	
14-05-02072-010	SL-004A		White Chalky; Homogeneous	NAD	2% Talc 98% Non-Fibrous
14-05-02072-011	SL-004B		White Chalky; Homogeneous	NAD	2% Talc 98% Non-Fibrous
14-05-02072-012	SL-005A		Brown Fibrous; Black Tar-Like; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
14-05-02072-013	SL-005B		Brown Fibrous; Black Tar-Like; Inhomogeneous	NAD	20% Cellulose 80% Non-Fibrous
14-05-02072-014	SL-006A		Gray Chalky; Homogeneous	NAD	100% Non-Fibrous

# Environmental Hazards Services, L.L.C

**Client Number:** 44-3087

**Report Number:** 14-05-02072

**Project/Test Address:** 1434-11-392p007, Former Sanitary  
Laundry, Boiler Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-05-02072-015	SL-006B		Gray Chalky; Homogeneous	NAD	100% Non-Fibrous
14-05-02072-016	SL-007A		Pink Chalky; Homogeneous	NAD	100% Non-Fibrous
14-05-02072-017	SL-007B		Pink Chalky; Homogeneous	NAD	100% Non-Fibrous
14-05-02072-018	SL-008A		Black Tar-Like; Brown Fibrous; Inhomogeneous	NAD	60% Cellulose 40% Non-Fibrous
14-05-02072-019	SL-008B		Black Tar-Like; Brown Fibrous; Inhomogeneous	NAD	60% Cellulose 40% Non-Fibrous
14-05-02072-020	SL-009A		White Powder; Fibrous; Homogeneous	NAD	15% Cellulose 85% Non-Fibrous
14-05-02072-021	SL-009B		White Powder; Fibrous; Homogeneous	NAD	15% Cellulose 85% Non-Fibrous

## Environmental Hazards Services, L.L.C

Client Number: 44-3087  
Project/Test Address: 1434-11-392p007, Former Sanitary  
Laundry, Boiler Building

Report Number: 14-05-02072

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 62-NY-33-2392

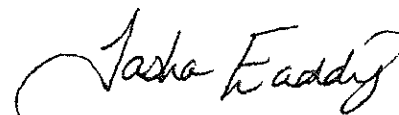
QC Blank: SRM 1866 Fiberglass

Reporting Limit: 1% Asbestos

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

Analyst: Laura Holder

Reviewed By Authorized Signatory:



Tasha Eaddy  
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. 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

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**  
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

<b>Company Name:</b> S&ME INC./Knoxville Branch		<b>Date:</b>	<b>Contact Name:</b> Emmy Buckingham	
<b>Address:</b> 1413 Topside Road			<b>Sampler Name:</b> Emmy Buckingham	
<b>City, State, Zip:</b> Louisville, Tennessee 37777			<b>Project #:</b> 1434-11-392p007	
<b>EHS Client Account #:</b> 44-3087A		<b>Phone #:</b> (865) 970-0003	<b>Former Sanitary Laundry</b>	
<b>P.O. #:</b> 1434-11-392p007 E		<b>Fax #:</b> 865-970-2312	<b>Boiler Building</b>	

Sample Number	Sample Date & Time	Asbestos				Lead				Other Metals <small>(Specify metals below)</small>				Indoor Air Quality		Particulate: Total Nuisance (NIOSH 0500) Respirable (NIOSH 0600)		Comments: Standard Turnaround Time									
		Bulk ID by PLM	(PCM) Fiber Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm <sup>2</sup> )	Soil	Wire * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile		Bioassette	Slide	Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft <sup>2</sup> ) OR Scrape Area (cm <sup>2</sup> )			
SL-001A	5/16/2014 X																							14-05-02072  Due Date: 05/22/2014 (Thursday) AE M Inv 26			
SL-001B	5/16/2014 X																						Positive Stop				
SL-001C	5/16/2014 X																					Positive Stop					
SL-002A	5/16/2014 X																								Positive Stop		
SL-002B	5/16/2014 X																									Positive Stop	
SL-002C	5/16/2014 X																										Positive Stop
SL-003A	5/16/2014 X																										
SL-003B	5/16/2014 X																										
SL-003C	5/16/2014 X																										

\* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☒

Released by: Emmy Buckingham	Signature: <i>Emmy Buckingham</i>	Date/Time: 5/16/2014 - 14:00
Received by: Ashley Manning	Signature: <i>Ashley Manning</i>	Date/Time: 5/19/14
Released by:	Signature:	Date/Time:
Received by:	Signature:	Date/Time:

2072

## ENVIRONMENTAL HAZARDS SERVICES, L.L.C.

7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

## CHAIN OF CUSTODY FORM

Company Name: <u>S&amp;ME INC./Knoxville Branch</u>		Date:	<u>Emmy Buckingham</u>	
Address: <u>1413 Topside Road</u>		Contact Name:	<u>Emmy Buckingham</u>	
City, State, Zip: <u>Louisville, Tennessee 37777</u>		Sampler Name:	<u>1434-11-392p007</u>	
EHS Client Account #: <u>44-3087A</u>		Project #:	<u>Former Sanitary Laundry</u>	
Phone #: <u>(865) 970-0003</u>		Fax #: <u>865-970-2312</u>		
P.O. #: <u>1434-11-392p007 E</u>		Boiler Building		

Sample Number	Sample Date & Time	Asbestos				Lead				Other Metals (Specify metals below)				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>		Comments: Standard Turnaround Time					
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm <sup>2</sup> )	Soil	Wipe* (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette		Slide	Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft <sup>2</sup> ) OR Scrape Area (cm <sup>2</sup> )
SL-004A	5/16/2014	X																							Positive Stop
SL-004B	5/16/2014	X																							Positive Stop
SL-005A	5/16/2014	X																							Positive Stop
SL-005B	5/16/2014	X																							Positive Stop
SL-006A	5/16/2014	X																							Positive Stop
SL-006B	5/16/2014	X																							Positive Stop
SL-007A	5/16/2014	X																							Positive Stop
SL-007B	5/16/2014	X																							Positive Stop
SL-008A	5/16/2014	X																							Positive Stop
SL-008B	5/16/2014	X																							Positive Stop

\* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released by: Emmy Buckingham	Signature: <u>Emmy Buckingham</u>	Date/Time: 5/16/2014 -- 14:00
Received by: Ashley Manning	Signature: <u>Ashley Manning</u>	Date/Time: 5/19/14
Released by:	Signature:	Date/Time:
Received by:	Signature:	Date/Time:



**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**  
7469 Whiteline Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

<b>Company Name:</b> <u>S&amp;ME INC./Knoxville Branch</u> <b>Address:</b> <u>1413 Topside Road</u> <b>City, State, Zip:</b> <u>Louisville, Tennessee 37777</u> <b>EHS Client Account #:</b> <u>44-3087A</u> <b>Phone # :</b> <u>(865) 970-0003</u> <b>P.O. #:</b> <u>1434-11-392p007 E</u>		<b>Date:</b> <b>Contact Name:</b> <b>Sampler Name:</b> <b>Project #:</b>		<b>Emmy Buckingham</b> <b>Emmy Buckingham</b> <b>1434-11-392p007</b> <b>Former Sanitary Laundry</b> <b>Boiler Building</b>					
<b>Sample Number</b>  <b>Sample Date &amp; Time</b>	<b>Asbestos</b> Bulk ID by PLM (PCM) Fiber Count PLM Gravimetric TEM AHERA (Air) TEM Chatfield (Bulk)		<b>Lead</b> Air Paint (%) Paint (PPM) Paint (mg/cm²) Soil Wipe* (See Note) TCLP (Pb) Waste Water		<b>Other Metals</b> (Specify metals below) TCLP RCRA 8 Welding Fume Toxic Metal Profile	<b>Indoor Air Quality</b> Biocassette Slide Surface Swab Surface Tape Bulk	Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>  Air Volume (L) OR Wipe Area (ft²) OR Scrape Area (cm²)	<b>Comments:</b> <b>Standard Turnaround Time</b>	
	SL-009A  SL-009B	5/16/2014 X  5/16/2014 X	[Grid of 10 columns for Asbestos/Lead data]	[Grid of 10 columns for Other Metals data]	[Grid of 10 columns for Indoor Air Quality data]	[Grid of 10 columns for Particulate data]	[Grid of 10 columns for Comments data]	Positive Stop	
* Do wipe samples submitted meet ASTM E1792 requirements? Yes <input type="checkbox"/> No <input type="checkbox"/>								Released by: Emmy Buckingham Received by: Ashley Manning Released by: Received by:	Date/Time: 5/16/2014 -- 14:00 Date/Time: 5/19/14 Date/Time: Date/Time:



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

## Asbestos Bulk Analysis Report

**Client:** S&ME Inc. - Louisville  
1413 Topside Road  
Louisville, TN 37777

**Report Number:** 14-02-02074

**Received Date:** 02/21/2014  
**Analyzed Date:** 02/24/2014, 02/25/2014  
**Reported Date:** 02/26/2014

**Project/Test Address:** 1434-11-392p007; Former Sanitary Laundry; Sanitary Laundry Building

**Client Number:**  
44-3087

**Fax Number:**  
865-970-2312

### Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-001	SL-001A		Dark Gray/Off-White/Green Brittle; Inhomogeneous	NAD	1% Cellulose 99% Non-Fibrous
14-02-02074-002	SL-001B		Dark Gray/Off-White/Green Brittle; Inhomogeneous	NAD	100% Non-Fibrous
14-02-02074-003	SL-002A		Pale Gray Cementitious; Homogeneous	NAD	2% Hair 98% Non-Fibrous
14-02-02074-004	SL-002B		Pale Gray Cementitious; Multi-Colored Brittle; Inhomogeneous	NAD	2% Hair 98% Non-Fibrous
14-02-02074-005	SL-003A		Multi-Colored Brittle; Inhomogeneous	NAD	100% Non-Fibrous

# Environmental Hazards Services, L.L.C

Client Number: 44-3087

Report Number: 14-02-02074

Project/Test Address: 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-006	SL-003B		Multi-Colored Brittle; Inhomogeneous	NAD	100% Non-Fibrous
14-02-02074-007A	SL-004A	Other *	Pale Gray Cementitious; Homogeneous	NAD	2% Hair 98% Non-Fibrous
* Plaster Basecoat-Type Material					
14-02-02074-007B	SL-004A	Flooring	Off-White/Dark Gray Vinyl-Like; Inhomogeneous	NAD	4% Synthetic 96% Non-Fibrous
14-02-02074-007C	SL-004A	Mastic	Pale Yellow/Black Adhesive; Inhomogeneous	3% Chrysotile	7% Cellulose 2% Synthetic 88% Non-Fibrous
<b>Total Asbestos: 3%</b>					
Chrysotile present in black (bottom-most) mastic layer.					
14-02-02074-008A	SL-004B	Other *	Pale Gray Cementitious; Homogeneous	NAD	1% Hair 99% Non-Fibrous
* Plaster Basecoat-Type Material					
14-02-02074-008B	SL-004B	Flooring	Off-White/Black/ Dark Gray Vinyl-Like; Inhomogeneous	NAD	4% Synthetic 96% Non-Fibrous
14-02-02074-008C	SL-004B	Mastic		Did Not Analyze (Positive Stop)	
14-02-02074-009	SL-005A		Black Adhesive; Homogeneous	7% Chrysotile	4% Cellulose 1% Hair 88% Non-Fibrous
<b>Total Asbestos: 7%</b>					

# Environmental Hazards Services, L.L.C

**Client Number:** 44-3087

**Report Number:** 14-02-02074

**Project/Test Address:** 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-010	SL-005B			Did Not Analyze (Positive Stop)	
14-02-02074-011	SL-006A		Black Fibrous; Homogeneous	NAD	65% Cellulose 35% Non-Fibrous
14-02-02074-012	SL-006B		Black Fibrous; Homogeneous	NAD	65% Cellulose 35% Non-Fibrous
14-02-02074-013	SL-007A		Black Brittle; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
14-02-02074-014	SL-007B		Black Brittle; Homogeneous	NAD	2% Cellulose 98% Non-Fibrous
14-02-02074-015A	SL-008A	Other *	Pale Gray Cementitious; Multi-Colored Brittle; Inhomogeneous	NAD	1% Cellulose 1% Hair 98% Non-Fibrous
* Plaster Basecoat-Type Material/Paint					
14-02-02074-015B	SL-008A	Flooring	Green Granular; Homogeneous	5% Chrysotile	95% Non-Fibrous
				<b>Total Asbestos: 5%</b>	
14-02-02074-015C	SL-008A	Mastic	Black Adhesive; Homogeneous	3% Chrysotile	3% Cellulose 94% Non-Fibrous
				<b>Total Asbestos: 3%</b>	

# Environmental Hazards Services, L.L.C

Client Number: 44-3087

Report Number: 14-02-02074

Project/Test Address: 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-016A	SL-008B	Other *	Pale Gray Cementitious; Multi-Colored Brittle; Inhomogeneous	NAD	1% Cellulose 2% Hair 97% Non-Fibrous
* Plaster Basecoat-Type Material/Paint					
14-02-02074-016B	SL-008B	Flooring		Did Not Analyze (Positive Stop)	
14-02-02074-016C	SL-008B	Mastic		Did Not Analyze (Positive Stop)	
14-02-02074-017	SL-009A		Pale Pink Brittle; Homogeneous	NAD	1% Cellulose 1% Talc 98% Non-Fibrous
14-02-02074-018	SL-009B		Pale Pink Brittle; Homogeneous	NAD	1% Cellulose 1% Talc 98% Non-Fibrous
14-02-02074-019	SL-010A		Off-White Brittle; Homogeneous	NAD	100% Non-Fibrous
14-02-02074-020	SL-010B		Off-White Brittle; Homogeneous	NAD	1% Wollastonite 99% Non-Fibrous
14-02-02074-021	SL-011A		Black Brittle; Black Fibrous; Brown Aggregate; Inhomogeneous	3% Chrysotile	35% Cellulose 2% Hair 60% Non-Fibrous
				Total Asbestos: 3%	
Chrysotile present in various black brittle layers throughout sample.					

# Environmental Hazards Services, L.L.C

Client Number: 44-3087

Report Number: 14-02-02074

Project/Test Address: 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-022	SL-011B			Did Not Analyze (Positive Stop)	
14-02-02074-023	SL-012A		Black Brittle; Black Fibrous; Pale Tan-Gray Aggregate; Inhomogeneous	4% Chrysotile	35% Cellulose 3% Hair 58% Non-Fibrous
<b>Total Asbestos: 4%</b>					
Chrysotile present in various black brittle layers throughout sample.					
14-02-02074-024	SL-012B			Did Not Analyze (Positive Stop)	
14-02-02074-025	SL-013A		Tan Fibrous; Black Pliable to Brittle; Silver/Copper Metallic; Inhomogeneous	NAD	40% Cellulose 60% Non-Fibrous
14-02-02074-026	SL-013B		Black Pliable to Brittle; Tan Fibrous; Silver/Copper Metallic; Inhomogeneous	NAD	30% Cellulose 70% Non-Fibrous
14-02-02074-027A	SL-014A	Flooring	Beige/Pale Pink/Dark Gray Vinyl-Like; Inhomogeneous	NAD	3% Synthetic 97% Non-Fibrous
14-02-02074-027B	SL-014A	Mastic	Translucent to Pale Yellow Adhesive; Homogeneous	NAD	3% Cellulose 2% Synthetic 95% Non-Fibrous

# Environmental Hazards Services, L.L.C

**Client Number:** 44-3087

**Report Number:** 14-02-02074

**Project/Test Address:** 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-028A	SL-014B	Flooring	Beige/Pale Pink/Dark Gray Vinyl-Like; Inhomogeneous	NAD	3% Synthetic 97% Non-Fibrous
14-02-02074-028B	SL-014B	Mastic	Translucent to Pale Yellow Adhesive; Homogeneous	NAD	3% Cellulose 1% Synthetic 96% Non-Fibrous
14-02-02074-029	SL-015A		Off-White/White/Tan Brittle; Tan Fibrous; Inhomogeneous	NAD	12% Cellulose 5% Fibrous Glass 83% Non-Fibrous
14-02-02074-030	SL-015B		Off-White/White/Tan Brittle; Tan Fibrous; Inhomogeneous	NAD	10% Cellulose 5% Fibrous Glass 85% Non-Fibrous
14-02-02074-031	SL-016A		Off-White Brittle; Tan/Pale Beige Fibrous; Inhomogeneous	NAD	15% Cellulose 7% Fibrous Glass 78% Non-Fibrous
14-02-02074-032	SL-016B		Off-White Brittle; Tan/Pale Beige Fibrous; Inhomogeneous	NAD	15% Cellulose 7% Fibrous Glass 78% Non-Fibrous
14-02-02074-033A	SL-017A	Flooring	Off-White/Pale Pink-Tan/White Vinyl-Like; Pale Gray Fibrous; Inhomogeneous	NAD	7% Cellulose 15% Fibrous Glass 78% Non-Fibrous

# Environmental Hazards Services, L.L.C

**Client Number:** 44-3087

**Report Number:** 14-02-02074

**Project/Test Address:** 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-033B	SL-017A	Mastic	Pale Yellow to Black Adhesive; Homogeneous	NAD	5% Cellulose 3% Fibrous Glass 92% Non-Fibrous
14-02-02074-034A	SL-017B	Flooring	Off-White/Pale Pink-Tan/White Vinyl-Like; Pale Gray Fibrous; Inhomogeneous	NAD	7% Cellulose 15% Fibrous Glass 78% Non-Fibrous
14-02-02074-034B	SL-017B	Mastic	Pale Yellow to Black Adhesive; Homogeneous	NAD	5% Cellulose 2% Fibrous Glass 1% Synthetic 92% Non-Fibrous
14-02-02074-035A	SL-018A	Flooring	Black Granular; Homogeneous	4% Chrysotile	96% Non-Fibrous
<b>Total Asbestos: 4%</b>					
14-02-02074-035B	SL-018A	Mastic	Black Adhesive; Homogeneous	3% Chrysotile	5% Cellulose 92% Non-Fibrous
<b>Total Asbestos: 3%</b>					
14-02-02074-036A	SL-018B	Flooring		Did Not Analyze (Positive Stop)	
14-02-02074-036B	SL-018B	Mastic		Did Not Analyze (Positive Stop)	
14-02-02074-037A	SL-019A	Flooring	Black Granular; Homogeneous	4% Chrysotile	96% Non-Fibrous
<b>Total Asbestos: 4%</b>					



# Environmental Hazards Services, L.L.C

Client Number: 44-3087

Report Number: 14-02-02074

Project/Test Address: 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-037B	SL-019A	Mastic	Black Adhesive; Homogeneous	NAD	3% Cellulose 97% Non-Fibrous
14-02-02074-038A	SL-019B	Flooring		Did Not Analyze (Positive Stop)	
14-02-02074-038B	SL-019B	Mastic	Black Adhesive; Homogeneous	NAD	4% Cellulose 96% Non-Fibrous
14-02-02074-039	SL-020A		Pale Gray/Black Fibrous; Pale Beige/Pale Gray Brittle; Inhomogeneous	20% Chrysotile	45% Cellulose 3% Synthetic 2% Hair 30% Non-Fibrous
<b>Total Asbestos: 20%</b>					
Chrysotile present in pale gray fibrous (main) layer.					
14-02-02074-040	SL-020B			Did Not Analyze (Positive Stop)	
14-02-02074-041	SL-020C			Did Not Analyze (Positive Stop)	
14-02-02074-042	SL-021A		Pale Gray Brittle; Homogeneous	30% Chrysotile	2% Cellulose 68% Non-Fibrous
<b>Total Asbestos: 30%</b>					
14-02-02074-043	SL-021B			Did Not Analyze (Positive Stop)	
14-02-02074-044	SL-021C			Did Not Analyze (Positive Stop)	

# Environmental Hazards Services, L.L.C

Client Number: 44-3087

Report Number: 14-02-02074

Project/Test Address: 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-045A	SL-022A	Flooring	Black/Off-White/Green Granular; Homogeneous	4% Chrysotile	96% Non-Fibrous
<b>Total Asbestos: 4%</b>					
14-02-02074-045B	SL-022A	Mastic	Black Adhesive; Homogeneous	5% Chrysotile	4% Cellulose 1% Hair 90% Non-Fibrous
<b>Total Asbestos: 5%</b>					
14-02-02074-046A	SL-022B	Flooring		Did Not Analyze (Positive Stop)	
14-02-02074-046B	SL-022B	Mastic		Did Not Analyze (Positive Stop)	
14-02-02074-047	SL-023A		Off-White to Pale Beige Brittle; Homogeneous	NAD	1% Fibrous Glass 2% Talc 97% Non-Fibrous
14-02-02074-048	SL-023B		Off-White to Pale Beige Brittle; Homogeneous	NAD	2% Talc 98% Non-Fibrous
14-02-02074-049	SL-024A		Brown Cork-Like; Black Pliable to Brittle; Silver Brittle; Inhomogeneous	2% Chrysotile	1% Fibrous Glass 97% Non-Fibrous
<b>Total Asbestos: 2%</b>					
Chrysotile present in black pliable to brittle vapor barrier/sealant-type material.					
14-02-02074-050	SL-024B			Did Not Analyze (Positive Stop)	

# Environmental Hazards Services, L.L.C

**Client Number:** 44-3087

**Report Number:** 14-02-02074

**Project/Test Address:** 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-051	SL-025A		Off-White Brittle; Tan Fibrous; Black Pliable to Brittle; Inhomogeneous	15% Chrysotile 40% Amosite	10% Cellulose 35% Non-Fibrous
<b>Total Asbestos: 55%</b>					
Chrysotile/Amosite present in off-white brittle (main) layer.					
14-02-02074-052	SL-025B			Did Not Analyze (Positive Stop)	
14-02-02074-053	SL-025C			Did Not Analyze (Positive Stop)	
14-02-02074-054	SL-026A		Pale Gray/Yellow to Dark Amber Fibrous; Inhomogeneous	45% Chrysotile	5% Cellulose 40% Fibrous Glass 10% Non-Fibrous
<b>Total Asbestos: 45%</b>					
Chrysotile present in pale gray (main) layer.					
14-02-02074-055	SL-026B			Did Not Analyze (Positive Stop)	
14-02-02074-056	SL-026C			Did Not Analyze (Positive Stop)	
14-02-02074-057	SL-027A		Beige to Rust Brown Brittle; Gray Metallic; Inhomogeneous	NAD	2% Wollastonite 98% Non-Fibrous
14-02-02074-058	SL-027B		Beige to Rust Brown Brittle; Gray Metallic; Inhomogeneous	NAD	2% Wollastonite 98% Non-Fibrous

## Environmental Hazards Services, L.L.C

**Client Number:** 44-3087  
**Project/Test Address:** 1434-11-392p007; Former Sanitary  
Laundry; Sanitary Laundry Building

**Report Number:** 14-02-02074

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
14-02-02074-059	SL-027C		Beige to Rust Brown Brittle; Gray Metallic; Inhomogeneous	NAD	1% Cellulose 1% Fibrous Glass 2% Wollastonite 96% Non-Fibrous

**QC Sample:** 14-M11996-2, 20-M11990-4

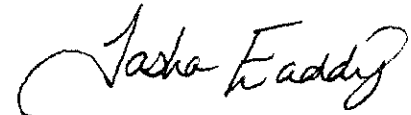
**QC Blank:** SRM 1866 Fiberglass

**Reporting Limit:** 1% Asbestos

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

**Analyst:** Mark Case

Reviewed By Authorized Signatory:



Tasha Eaddy  
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. 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

59 PLM

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.  
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

**Company Name:** S&ME INC./Knoxville Branch  
**Address:** 1413 Topside Road  
**City, State, Zip:** Louisville, Tennessee 37777  
**EHS Client Account #:** 44-3087A  
**Phone #:** (865) 970-0003  
**P.O. #:** 1434-11-392p007

**Date:** 2/20/2014  
**Contact Name:** Emmy Buckingham  
**Sampler Name:** Emmy Buckingham  
**Project #:** 1434-11-392p007  
 Former Sanitary Laundry

**Fax #:** 865-970-2312  
**Sanitary Laundry Building**

Sample Number	Sample Date & Time	Asbestos				Lead				Other Metals (Specify metals below)				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>		Comments: Standard Turnaround Time					
		Bulk ID by PLM	(PCM) Fiber Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm <sup>2</sup> )	Soil	Wipe* (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide		Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft <sup>2</sup> ) OR Scrape Area (cm <sup>2</sup> )	
SL-001A	2/17/2014	X																							Positive Stop
SL-001B	2/17/2014	X																							Positive Stop
SL-002A	2/17/2014	X																							Positive Stop
SL-002B	2/17/2014	X																							Positive Stop
SL-003A	2/17/2014	X																							Positive Stop
SL-003B	2/17/2014	X																							Positive Stop
SL-004A	2/17/2014	X																							Positive Stop
SL-004B	2/17/2014	X																							Positive Stop
SL-005A	2/17/2014	X																							Positive Stop
SL-005B	2/17/2014	X																							Positive Stop

14-02-02074



Due Date:  
 02/26/2014  
 (Wednesday)  
 AE M Inv

\* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

**Released by:** Emmy Buckingham  
**Received by:** MBlessing  
**Released by:**  
**Received by:**

**Signature:** *Emmy Buckingham*  
**Signature:** *MBlessing*  
**Signature:**  
**Signature:**

**Date/Time:** 2/20/2014 -- 08:30  
**Date/Time:** 2/21/14  
**Date/Time:**  
**Date/Time:**

2047

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.  
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

**Company Name:** S&ME INC./Knoxville Branch **Date:** 2/20/2014  
**Address:** 1413 Topside Road **Contact Name:** Emmy Buckingham  
**City, State, Zip:** Louisville, Tennessee 37177 **Sampler Name:** Emmy Buckingham  
**EHS Client Account #:** 44-3087A **Project #:** 1434-11-392p007  
**Phone #:** (865) 970-0003 **Fax #:** 865-970-2312 **Former Sanitary Laundry**  
**P.O. #:** 1434-11-392p007

Sanitary Laundry Building		Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>		Indoor Air Quality		Other Metals (Specify metals below)		Lead										Asbestos					Sample Date & Time	Sample Number	Comments: Standard Turnaround Time
				Air Quality		(Specify metals below)																			
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				Air Quality		(Specify metals below)																			
				Air Quality		(Specify metals below)																			

\* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

**Released by:** Emmy Buckingham **Signature:** Emmy Buckingham **Date/Time:** 2/20/2014 - 08:30  
**Received by:** MBlessing **Signature:** MBlessing **Date/Time:** 2/21/14  
**Released by:** **Signature:** **Date/Time:**  
**Received by:** **Signature:** **Date/Time:**

2074

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.  
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

**Company Name:** S&ME INC./Knoxville Branch  
**Address:** 1413 Topside Road  
**City, State, Zip:** Louisville, Tennessee 37777  
**EHS Client Account #:** 44-3087A  
**Phone #:** (865) 970-0003  
**P.O. #:** 1434-11-392p007

**Date:** 2/20/2014  
**Contact Name:** Emmy Buckingham  
**Sampler Name:** Emmy Buckingham  
**Project #:** 1434-11-392p007  
**Former Sanitary Laundry**  
**Sanitary Laundry Building**

Sample Number	Sample Date & Time	Asbestos						Lead						Other Metals (Specify metals below)					Indoor Air Quality					Particulate: Total Nuisance (NIOSH 0500) Respirable (NIOSH 0600)		Comments: Standard Turnaround Time
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm <sup>2</sup> )	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide	Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft <sup>2</sup> ) OR Scrape Area(cm <sup>2</sup> )		
SL-011A		X																						Positive Stop		
SL-011B		X																						Positive Stop		
SL-012A		X																						Positive Stop		
SL-012B		X																						Positive Stop		
SL-013A		X																						Positive Stop		
SL-013B		X																						Positive Stop		
SL-014A		X																						Positive Stop		
SL-014B		X																						Positive Stop		
SL-015A		X																						Positive Stop		
SL-015B		X																						Positive Stop		

\* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

**Released by:** Emmy Buckingham  
**Received by:** Mblesing  
**Released by:**  
**Received by:**

**Signature:** *Emmy All Buckley*  
**Signature:** *Mea*  
**Signature:**  
**Signature:**

**Date/Time:** 2/20/2014 - 08:30  
**Date/Time:** 2/21/14  
**Date/Time:**  
**Date/Time:**

ENVIRONMENTAL HAZARDS SERVICES, L.L.C.  
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

**Company Name:** S&ME INC./Knoxville Branch  
**Address:** 1413 Topside Road  
**City, State, Zip:** Louisville, Tennessee 37777  
**EHS Client Account #:** 44-3087A  
**Phone #:** (865) 970-0003  
**P.O. #:** 1434-11-392p007

**Date:** 2/20/2014  
**Contact Name:** Emmy Buckingham  
**Sampler Name:** Emmy Buckingham  
**Project #:** 1434-11-392p007  
Former Sanitary Laundry  
Sanitary Laundry Building

Sample Number	Sample Date & Time	Asbestos				Lead							Other Metals (Specify metals below)				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500) Respirable (NIOSH 0600)	Comments: Standard Turnaround Time				
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm <sup>2</sup> )	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide			Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft <sup>2</sup> ) OR Scrape Area (cm <sup>2</sup> )
SL-016A	2/17/2014	X																						Positive Stop		
SL-016B	2/17/2014	X																								Positive Stop
SL-017A	2/17/2014	X																								Positive Stop
SL-017B	2/17/2014	X																								Positive Stop
SL-018A	2/17/2014	X																								Positive Stop
SL-018B	2/17/2014	X																							Positive Stop	
SL-019A	2/17/2014	X																							Positive Stop	
SL-019B	2/17/2014	X																								

\* Do wipe samples submitted meet ASTM E1792 requirements? Yes ☐ No ☐

Released by: Emmy Buckingham  
Received by: MBlessing  
Released by: MBlessing  
Received by: MBlessing

Date/Time: 2/20/2014 - 08:30  
Date/Time: 2/21/14  
Date/Time:  
Date/Time:



# CHAIN OF CUSTODY FORM

CHAIN OF CUSTODY FORM																											
<b>Company Name:</b> S&ME INC./Knoxville Branch <b>Address:</b> 1413 Topside Road <b>City, State, Zip:</b> Louisville, Tennessee 37777 <b>EHS Client Account #:</b> 44-3087A <b>Phone # :</b> (865) 970-0003 <b>P.O. #:</b> 1434-11-392p007						<b>Date:</b> 2/20/2014  <b>Contact Name:</b> <b>Sampler Name:</b> Emmy Buckingham <b>Project #:</b> 1434-11-392p007 Former Sanitary Laundry						<b>Sanitary Laundry Building</b>  Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>															
Sample Number	Sample Date & Time	Asbestos				Lead				Other Metals <small>(Specify metals below)</small>			Indoor Air Quality				Air Volume (L) OR Wipe Area (ft²) OR Scrape Area (cm²)	Comments: Turnaround Time									
		Bulk ID by PLM	(PCM) Fiber Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm²)	Soil	Wine * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume			Toxic Metal Profile	Biocassette	Slide	Surface Swab	Surface Tape	Bulk			
SL-020A	2/19/2014	X																									
SL-020B	2/19/2014	X																									
SL-020C	2/19/2014	X																									
SL-021A	2/19/2014	X																									
SL-021B	2/19/2014	X																									
SL-021C	2/19/2014	X																									
SL-022A	2/19/2014	X																									
SL-022B	2/19/2014	X																									
SL-023A	2/19/2014	X																									
SL-023B	2/19/2014	X																									
* Do wipe samples submitted meet ASTM E1792 requirements?    Yes <input type="checkbox"/> No <input type="checkbox"/>																											
Released by: Emmy Buckingham																		Signature: <i>Emmy Buckingham</i>					Date/Time: 2/20/2014 - 08:30				
Received by: <i>Melissa</i>																		Signature: _____					Date/Time: 2/21/14				
Released by: _____																		Signature: _____					Date/Time: _____				
Received by: _____																		Signature: _____					Date/Time: _____				

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**  
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

[illegible]

**ENVIRONMENTAL HAZARDS SERVICES, L.L.C.**  
7469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

# CHAIN OF CUSTODY FORM

Company Name: <b>S&amp;ME INC./Knoxville Branch</b>		Date: <b>2/20/2014</b>	
Address: <b>1413 Topside Road</b>		Contact Name: <b>Emmy Buckingham</b>	
City, State, Zip: <b>Louisville, Tennessee 37777</b>		Sampler Name: <b>Emmy Buckingham</b>	
EHS Client Account #: <b>44-3087A</b>		Project #: <b>1434-11-392p007</b>	
Phone #: <b>(865) 970-0003</b>		Former Sanitary Laundry	
P.O. #: <b>1434-11-392p007</b>		Sanitary Laundry Building	

Sample Number	Sample Date & Time	Asbestos				Lead				Other Metals (Specify metals below)				Indoor Air Quality				Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>		Comments: Standard Turnaround Time				
		Bulk ID by PLM	(PCM) Fiber Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm <sup>2</sup> )	Soil	Wipe * (See Note)	TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide		Surface Swab	Surface Tape	Bulk	Air Volume (L) OR Wipe Area (ft <sup>2</sup> ) OR Scrape Area (cm <sup>2</sup> )
SL-027A	2/19/2014	X																						
SL-027B	2/19/2014	X																						
SL-027C	2/19/2014	X																						



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

## Lead Paint Chip Analysis Report

Report Number: 14-05-02078

Client: S&ME Inc. - Louisville  
1413 Topside Road  
Louisville, TN 37777

Received Date: 05/19/2014  
Analyzed Date: 05/21/2014  
Reported Date: 05/22/2014

Project/Test Address: 1434-11-392p007, Former Sanitary Laundry, Auto Repair Building  
Collection Date: 05/16/2014

Client Number:  
44-3087

### Laboratory Results

Fax Number:  
865-970-2312

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
14-05-02078-001	AR-001P		86000	8.6	
14-05-02078-002	AR-002P		<37	<0.0037	

Method: EPA SW846 7000B

Reviewed By Authorized Signatory:

Deborah Britt  
QA/QC Clerk

The HUD lead guidelines for lead paint chips are 0.50% by Weight, 5000 ppm, or 1.0 mg/cm<sup>2</sup>. The Reporting Limit (RL) is 10.0 ug Total Pb. Paint chip area and results are calculated based on area measurements determined by the client. All internal quality control requirements associated with this batch were met, unless otherwise noted.

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, etc., was provided by the client. Results reported above in mg/cm<sup>3</sup> are calculated based on area supplied by client. 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.

LEGEND	Pb= lead	ug = microgram	ppm = parts per million
	ug/g = micrograms per gram	Wt. = weight	

77469 Whitepine Road Richmond, Virginia 23237 Phone (804) 275-4788 Fax (804) 275-4907

<b>Company Name:</b> <u>S&amp;ME INC./Knoxville Branch</u> <b>Address:</b> <u>1413 Topside Road</u> <b>City, State, Zip:</b> <u>Louisville, Tennessee 37777</u> <b>EHS Client Account #:</b> <u>44-3087A</u> <b>Phone #:</b> <u>(865) 970-0003</u> <b>Fax #:</b> <u>865-970-2312</u> <b>P.O. #:</b> <u>1434-11-392 p007(E)</u>		<b>Date:</b> <u>5/16/2014</u> <b>Contact Name:</b> <u>Emmy Buckingham</u> <b>Sampler Name:</b> <u>Emmy Buckingham</u> <b>Project #:</b> <u>1434-11-392p007</u> <b>Former Sanitary Laundry</b>																												
<b>Auto Repair Building</b> Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>		<b>Comments: Standard Turnaround Time</b>																												
Sample Number	Sample Date & Time	Asbestos			Lead			Other Metals (Specify metals below)			Indoor Air Quality			Air Volume (L) OR Wipe Area (ft²) OR Scrape Area (cm²)	14-05-02078															
		Bulk ID by PLM	(PCM) Fiber Count	PLM Point Count	PLM Gravimetric	TEM AHERA (Air)	TEM Chatfield (Bulk)	Air	Paint (%)	Paint (PPM)	Paint (mg/cm²)	Soil	Wipe* (See Note)			TCLP (Pb)	Waste Water	TCLP RCRA 8	Welding Fume	Toxic Metal Profile	Biocassette	Slide	Surface Swab	Surface Tape	Bulk					
AR-001P	5/16/2014																													
AR-002P	5/16/2014																													
* Do wipe samples submitted meet ASTM E1792 requirements? Yes <input type="checkbox"/> No <input type="checkbox"/>															Due Date: <u>05/22/2014</u> (Thursday) AE M Inv															
Released by: <u>Emmy Buckingham</u>															Date/Time: <u>5/16/2014 - 14:00</u>															
Received by: <u>Ashley Manning</u>															Date/Time: <u>5/19/14</u>															
Released by:															Date/Time:															
Received by:															Date/Time:															



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

## Lead Paint Chip Analysis Report

Report Number: 14-05-02066

Client: S&ME Inc. - Louisville  
1413 Topside Road  
Louisville, TN 37777

Received Date: 05/19/2014  
Analyzed Date: 05/21/2014  
Reported Date: 05/22/2014

Project/Test Address: 1434-11-392p007, Former Sanitary Laundry, Boiler Building  
Collection Date: 05/16/2014

Client Number:  
44-3087

## Laboratory Results

Fax Number:  
865-970-2312

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
14-05-02066-001	SL-01P		57000	5.7	

Method: EPA SW846 7000B

Reviewed By Authorized Signatory:

Deborah Britt  
QA/QC Clerk

The HUD lead guidelines for lead paint chips are 0.50% by Weight, 5000 ppm, or 1.0 mg/cm<sup>2</sup>. The Reporting Limit (RL) is 10.0 ug Total Pb. Paint chip area and results are calculated based on area measurements determined by the client. All internal quality control requirements associated with this batch were met, unless otherwise noted.

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, etc., was provided by the client. Results reported above in mg/cm<sup>3</sup> are calculated based on area supplied by client. 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.

LEGEND	Pb= lead	ug = microgram	ppm = parts per million
	ug/g = micrograms per gram	Wt. = weight	

# CHAIN OF CUSTODY FORM

[illegible]



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

## Lead Paint Chip Analysis Report

**Report Number:** 14-02-02080

**Client:** S&ME Inc. - Louisville  
1413 Topside Road  
Louisville, TN 37777

**Received Date:** 02/21/2014  
**Analyzed Date:** 02/25/2014  
**Reported Date:** 02/25/2014

**Project/Test Address:** 1434-11-392p007; Former Sanitary Building; Sanitary Laundry Building

**Collection Date:** 02/17/2014, 02/19/2014

**Client Number:**  
44-3087

## Laboratory Results

**Fax Number:**  
865-970-2312

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
14-02-02080-001	SL-001P		56000	5.6	
14-02-02080-002	SL-002P		3200	0.32	
14-02-02080-003	SL-003P		75000	7.5	
14-02-02080-004	SL-004P		70000	7.0	
14-02-02080-005	SL-005P		<240	<0.024	L03



## Environmental Hazards Services, L.L.C

Client Number: 44-3087  
Project/Test Address: 1434-11-392p007; Former Sanitary Building; Sanitary  
Laundry Building

Report Number: 14-02-02080

Lab Sample Number	Client Sample Number	Collection Location	Pb (ug/g) ppm	% Pb by Wt.	Narrative ID
Sample Narratives:					

L03: Sample submitted was less than the recommended amount. A minimum of 0.1 grams should be submitted.

Method: EPA SW846 7000B

Reviewed By Authorized Signatory:




Michelle Blessing  
QA/QC Clerk

The HUD lead guidelines for lead paint chips are 0.50% by Weight, 5000 ppm, or 1.0 mg/cm<sup>2</sup>. The Reporting Limit (RL) is 10.0 ug Total Pb. Paint chip area and results are calculated based on area measurements determined by the client. All internal quality control requirements associated with this batch were met, unless otherwise noted.

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, etc., was provided by the client. Results reported above in mg/cm<sup>3</sup> are calculated based on area supplied by client. 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.

LEGEND	Pb= lead	ug = microgram	ppm = parts per million
	ug/g = micrograms per gram	Wt. = weight	

# CHAIN OF CUSTODY FORM

<b>Company Name:</b> <u>S&amp;ME INC./Knoxville Branch</u> <b>Address:</b> <u>1413 Topside Road</u> <b>City, State, Zip:</b> <u>Louisville, Tennessee 37777</u> <b>EHS Client Account #:</b> <u>44-3087A</u> <b>Phone #:</b> <u>(865) 970-0003</u> <b>Fax #:</b> <u>865-970-2312</u> <b>P.O. #:</b> <u>1434-11-392p007</u>		<b>Date:</b> <u>2/20/2014</u> <b>Contact Name:</b> <u>Emmy Buckingham</u> <b>Sampler Name:</b> <u>Emmy Buckingham</u> <b>Project #:</b> <u>1434-11-392p007</u> <b>Former Sanitary Laundry</b> <b>Sanitary Laundry Building</b>														
<b>Sample Number</b>  SL-001P SL-002P SL-003P SL-004P SL-005P	<b>Sample Date &amp; Time</b> 2/17/2014 2/17/2014 2/17/2014 2/19/2014 2/19/2014	<b>Asbestos</b> Bulk ID by PLM (PCM) Fiber Count PLM Point Count PLM Gravimetric TEM AHERA (Air) TEM Chatfield (Bulk)			<b>Lead</b> Air Paint (%) Paint (PPM) Paint (mg/cm <sup>2</sup> ) Soil Wipe * (See Note) TCLP (Pb) Waste Water			<b>Other Metals</b> (Specify metals below) TCLP RCRA 8 Welding Fume Toxic Metal Profile			<b>Indoor Air Quality</b> Biocassette Slide Surface Swab Surface Tape Bulk			Particulate: Total Nuisance (NIOSH 0500) <input type="checkbox"/> Respirable (NIOSH 0600) <input type="checkbox"/>		Comments: Standard Turnaround Time
		Air Volume (L) OR Wipe Area (ft <sup>2</sup> ) OR Scrape Area (cm <sup>2</sup> )														
14-02-02080																
																
Due Date: 02/26/2014 (Wednesday) AE M Inv																
* Do wipe samples submitted meet ASTM E1792 requirements? Yes <input type="checkbox"/> No <input type="checkbox"/>																
Released by: Emmy Buckingham		Signature: <u>Emmy Buckingham</u>		Date/Time: 2/20/2014 -- 08:30												
Received by: MBlessing		Signature: <u>MBlessing</u>		Date/Time: 2/21/14												
Released by:		Signature:		Date/Time:												
Received by:		Signature:		Date/Time:												

# SANITARY LAUNDRY SITE - FORMER AUTO REPAIR FACILITY

Reading No	Type	Units	Component	Substrate	Side	Condition	Color	Room Type	Room Number	SITE/ADDRESS	INSPECTOR	Results	Action Level	PbC Error	PbL Error	PbK Error	PbK Error
1	SHUTTER CAL	cps															
2	PAINT	mg / cm <sup>2</sup>	CALIBRATE BEGINNING							FORMER AUTO REPAIR	Erik Cueto	Positive	1	0	0	0.01	0
3	PAINT	mg / cm <sup>2</sup>	CALIBRATE BEGINNING							FORMER AUTO REPAIR	Erik Cueto	Negative	1	0.1	0.1	1.1	0.3
4	PAINT	mg / cm <sup>2</sup>	CALIBRATE BEGINNING							FORMER AUTO REPAIR	Erik Cueto	Positive	1	0.9	0.1	0.9	0.5
5	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	White		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.1
6	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	Black		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.36
7	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	Red		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.05
8	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	Beige		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.29
9	PAINT	mg / cm <sup>2</sup>	Wall Beam	Metal	C	POOR	Red		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	2.27
10	PAINT	mg / cm <sup>2</sup>	Wall Beam	Metal	C	POOR	Red		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	3.32
11	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	Brown		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	2.7
12	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	D	FAIR	Brown		100	FORMER AUTO REPAIR	Erik Cueto	Positive	1	< LOD	0.04	< LOD	1.35
13	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	D	POOR	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Positive	1	1.5	0.4	< LOD	3
14	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	D	POOR	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	0.9
15	PAINT	mg / cm <sup>2</sup>	Win. Sash	Metal	D	PEELING	Silver		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	0.04	0.02	< LOD	1.03
16	PAINT	mg / cm <sup>2</sup>	Win. Sash	Metal	D	PEELING	Silver		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.05	< LOD	3.15
17	PAINT	mg / cm <sup>2</sup>	Door	Cinder Block	A	POOR	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	0.6
18	PAINT	mg / cm <sup>2</sup>	Door	Metal	A	INTACT	Red		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	2.53
19	PAINT	mg / cm <sup>2</sup>	Door Casing	Metal	A	INTACT	Red		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	3
20	PAINT	mg / cm <sup>2</sup>	Door Header	Metal	B	FAIR	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	2.29
21	PAINT	mg / cm <sup>2</sup>	WALL BEAM	Metal	A	POOR	Tan		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.01
22	PAINT	mg / cm <sup>2</sup>	ELEVATED PLATFORM	Concrete	A	PEELING	Red		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	2.89
23	PAINT	mg / cm <sup>2</sup>	ELEVATED PLATFORM	Concrete	C	PEELING	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Null	1	1	0.1	1.6	0.6
24	PAINT	mg / cm <sup>2</sup>	ELEVATED PLATFORM	Concrete	C	PEELING	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	0.04	0.02	< LOD	1.35
25	PAINT	mg / cm <sup>2</sup>	ELEVATED PLATFORM TOP	Concrete	A	FAIR	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.35
26	PAINT	mg / cm <sup>2</sup>	ELEVATED PLATFORM TOP	Concrete	A	FAIR	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Null	1	< LOD	0.06	< LOD	1.5
27	PAINT	mg / cm <sup>2</sup>	ELEVATED PLATFORM TOP	Concrete	A	FAIR	Gray		100	FORMER AUTO REPAIR	Erik Cueto	Null	1	< LOD	0.07	< LOD	3
28	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	B	FAIR	Gray	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.44
29	PAINT	mg / cm <sup>2</sup>	Door	Metal	B	INTACT	Green	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.18
30	PAINT	mg / cm <sup>2</sup>	Win. Casing	Wood	B	INTACT	Tan	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	0.94
31	PAINT	mg / cm <sup>2</sup>	Win. Casing	Metal	B	POOR	Green	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.46
32	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	PEELING	Beige	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	0.9	0.1	0.9	0.7
33	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	Beige	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.29
34	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	Red	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	0.91
35	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	Red	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.89
36	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	C	FAIR	Tan	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.15
37	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	D	FAIR	Gray	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	1.06	< LOD	1.05
38	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	D	FAIR	Gray	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.32
39	PAINT	mg / cm <sup>2</sup>	Pipe	Metal	D	FAIR	Gray	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.96	< LOD	0.96
40	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	D	FAIR	Green	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Positive	1	1.9	0.2	2.1	1
41	PAINT	mg / cm <sup>2</sup>	Wall	Cinder Block	A	POOR	Gray	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.02
42	PAINT	mg / cm <sup>2</sup>	Win. Apn	Concrete	A	FAIR	Gray	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.32
43	PAINT	mg / cm <sup>2</sup>	Door	Concrete	A	FAIR	Gray	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.03	< LOD	1.46
44	PAINT	mg / cm <sup>2</sup>	Door Casing	Metal	A	INTACT	Black	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.07	< LOD	2.49
45	PAINT	mg / cm <sup>2</sup>	CALIBRATE END	Metal	A	FAIR	Black	Exterior	100	FORMER AUTO REPAIR	Erik Cueto	Negative	1	< LOD	0.04	< LOD	3.05
46	PAINT	mg / cm <sup>2</sup>	CALIBRATE END						1	FORMER AUTO REPAIR	Erik Cueto	Positive	1	1	0.1	1	0.3
47	PAINT	mg / cm <sup>2</sup>	CALIBRATE END						1	FORMER AUTO REPAIR	Erik Cueto	Positive	1	1	0.1	1	0.3

Sampled and Prepared by Erik W. Cusato of ESEM, Inc.

# SANITARY LAUNDRY SITE - BOILER BUILDING

Reading No.	Type	Units	Component	Substrate	Side	Condition	Color	Room Type	Room No.	Site/Address	Inspector	Results	Depth Index	Action Level	PBC	PBC Error	PHI	PHI Error	PSK	PSK Error
1	SHUTTER CAL	GPS	CALIBRATE BEGINNING							BOILER BUILDING	Erik Cueto	Positive	1.1	1	5.37	0	0.88	0	0.03	0
2	PAINT	mg/cm²	CALIBRATE BEGINNING							BOILER BUILDING	Erik Cueto	Null	1.16	1	1.1	0.1	1.1	0.1	1.1	0.5
3	PAINT	mg/cm²	CALIBRATE BEGINNING							BOILER BUILDING	Erik Cueto	Positive	1.06	1	1	0.1	1	0.1	1.1	0.7
4	PAINT	mg/cm²	CALIBRATE BEGINNING							BOILER BUILDING	Erik Cueto	Negative	3.23	1	<LOD	0.05	<LOD	0.05	<LOD	1.3
5	PAINT	mg/cm²	Wall	Cinder Block	A	FAIR	Tan	Exterior		BOILER BUILDING	Erik Cueto	Negative	1.22	1	<LOD	0.05	<LOD	0.05	<LOD	1.05
6	PAINT	mg/cm²	Wall	Cinder Block	B	POOR	Green	Exterior		BOILER BUILDING	Erik Cueto	Positive	1.28	1	<LOD	0.05	<LOD	0.05	<LOD	1.24
7	PAINT	mg/cm²	Door	Metal	B	FAIR	Green	Exterior		BOILER BUILDING	Erik Cueto	Positive	1.28	1	<LOD	0.05	<LOD	0.05	<LOD	1.24
8	PAINT	mg/cm²	AWNING FRAME	Metal	B	FAIR	Green	Exterior		BOILER BUILDING	Erik Cueto	Negative	1.66	1	0.18	0.06	0.18	0.06	<LOD	1.26
9	PAINT	mg/cm²	AWNING FRAME	Metal	B	POOR	Green	Exterior		BOILER BUILDING	Erik Cueto	Negative	1.57	1	<LOD	0.16	<LOD	0.16	<LOD	1.26
10	PAINT	mg/cm²	Door Casing	Metal	B	POOR	Green	Exterior		BOILER BUILDING	Erik Cueto	Positive	1.28	1	1.5	0.4	1.5	0.4	<LOD	3
11	PAINT	mg/cm²	Wall	Cinder Block	C	CRACKING	Tan	Exterior		BOILER BUILDING	Erik Cueto	Negative	1	1	<LOD	0.03	<LOD	0.03	<LOD	3.15
12	PAINT	mg/cm²	Wall	Cinder Block	C	FAIR	Tan	Exterior		BOILER BUILDING	Erik Cueto	Negative	1	1	<LOD	0.03	<LOD	0.03	<LOD	1.19
13	PAINT	mg/cm²	Win. Apron	Cinder Block	C	FAIR	Tan	Exterior		BOILER BUILDING	Erik Cueto	Negative	1.58	1	<LOD	0.03	<LOD	0.03	<LOD	1.05
14	PAINT	mg/cm²	Wall	Cinder Block	D	FAIR	Tan	Exterior		BOILER BUILDING	Erik Cueto	Negative	1	1	<LOD	0.03	<LOD	0.03	<LOD	1.35
15	PAINT	mg/cm²	Wall	Cinder Block	D	FAIR	Tan	Exterior		BOILER BUILDING	Erik Cueto	Negative	1	1	<LOD	0.6	<LOD	0.03	<LOD	0.6
16	PAINT	mg/cm²	Wall	Cinder Block	A	FAIR	Red	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.23	1	<LOD	0.03	<LOD	0.03	<LOD	0.9
17	PAINT	mg/cm²	Wall	Cinder Block	A	POOR	Green	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1	1	<LOD	0.03	<LOD	0.03	<LOD	1.2
18	PAINT	mg/cm²	Wall	Cinder Block	A	FAIR	Beige	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.56	1	0.29	0.04	0.29	0.04	0.7	0.3
19	PAINT	mg/cm²	Wall	Cinder Block	B	POOR	Gray	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1	1	<LOD	0.03	<LOD	0.03	<LOD	2.02
20	PAINT	mg/cm²	Wall Beam	Metal	B	CRACKING	Silver	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1	1	<LOD	0.03	<LOD	0.03	<LOD	1.2
21	PAINT	mg/cm²	Door Casing	Metal	B	CRACKING	Green	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.67	1	<LOD	0.03	<LOD	0.03	<LOD	0.98
22	PAINT	mg/cm²	Door Casing	Metal	C	FAIR	Green	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.07	1	0.3	0.07	0.3	0.07	<LOD	1.7
23	PAINT	mg/cm²	Wall	Cinder Block	C	FAIR	White	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1	1	0.6	0.2	0.6	0.2	<LOD	1.8
24	PAINT	mg/cm²	Wall	Cinder Block	C	INTACT	Red	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.14	1	<LOD	0.03	<LOD	0.03	<LOD	0.98
25	PAINT	mg/cm²	Wall	Cinder Block	C	FAIR	Red	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1	1	0.12	0.05	0.12	0.05	<LOD	1.2
26	PAINT	mg/cm²	Wall	Cinder Block	C	FAIR	Beige	Exterior	100	BOILER BUILDING	Erik Cueto	Null	1	1	<LOD	0.08	<LOD	0.08	<LOD	1.2
27	PAINT	mg/cm²	Win. Casing	Metal	C	PEELING	Silver	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.22	1	<LOD	0.08	<LOD	0.08	<LOD	8.07
28	PAINT	mg/cm²	Wall	Cinder Block	D	FAIR	White	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.52	1	<LOD	0.03	<LOD	0.03	<LOD	1.15
29	PAINT	mg/cm²	Wall	Concrete	D	FAIR	Beige	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.54	1	<LOD	0.12	<LOD	0.12	<LOD	1.15
30	PAINT	mg/cm²	Wall Beam	Metal	D	FAIR	Beige	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.37	1	<LOD	0.03	<LOD	0.03	<LOD	2.98
31	PAINT	mg/cm²	Wall Beam	Metal	D	FAIR	Red	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	4.03	1	<LOD	0.03	<LOD	0.03	<LOD	1.05
32	PAINT	mg/cm²	Win. Casing	Metal	D	CRACKING	Silver	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.97	1	<LOD	0.2	<LOD	0.2	<LOD	3.1
33	PAINT	mg/cm²	CALIBRATE END	Metal	B	POOR	Green	Exterior	100	BOILER BUILDING	Erik Cueto	Negative	1.15	1	<LOD	0.03	<LOD	0.03	<LOD	1.03
34	PAINT	mg/cm²	CALIBRATE END					Exterior		BOILER BUILDING	Erik Cueto	Positive	1.07	1	1	0.1	1	0.1	<LOD	1.35
35	PAINT	mg/cm²	CALIBRATE END					Exterior		BOILER BUILDING	Erik Cueto	Negative	1.01	1	0.9	0.1	0.9	0.1	1	0.5
36	PAINT	mg/cm²	CALIBRATE END					Exterior		BOILER BUILDING	Erik Cueto	Negative	1	1	0.9	0.1	0.9	0.1	1.2	0.5

Sampled and prepared by Erik W. Cueto of ES&H, Inc.

# SANITARY LAUNDRY SITE - 625 NORTH BROADWAY, KNOXVILLE, TN

Reading No	Type	Units	Component	Substrate	Side	Condition	Color	Room Type	Room Number	Floor	Site / Address	Inspector	Results	Action Level	PBC Error	Pbl Error	Pbk Error
1	SHUTTER CAL	SP													5.85	0	0.02
2	PAINT	mg / cm <sup>2</sup>	CALIBRATE BEGINNING								SANITARY LAUNDRY	Erik Curo	Null	1	1	0.1	0
3	PAINT	mg / cm <sup>2</sup>	CALIBRATE BEGINNING								SANITARY LAUNDRY	Erik Curo	Negative	1	0.9	0.1	0.1
4	PAINT	mg / cm <sup>2</sup>	CALIBRATE BEGINNING								SANITARY LAUNDRY	Erik Curo	Negative	1	0.9	0.1	0.1
5	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	A	POOR	White				SANITARY LAUNDRY	Erik Curo	Positive	1	6.8	3.2	1.2
6	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	C	CRACKING	Brown				SANITARY LAUNDRY	Erik Curo	Positive	1	6.7	2.9	6.7
7	PAINT	mg / cm <sup>2</sup>	Door Casing	Metal	C	FAIR	Brown				SANITARY LAUNDRY	Erik Curo	Negative	1	2.5	5.1	2.9
8	PAINT	mg / cm <sup>2</sup>	Win. Casing	Metal	C	CRACKING	Brown				SANITARY LAUNDRY	Erik Curo	Negative	1	2.5	5.1	2.9
9	PAINT	mg / cm <sup>2</sup>	Win. Casing	Metal	C	CRACKING	Brown				SANITARY LAUNDRY	Erik Curo	Negative	1	2.5	5.1	2.9
10	PAINT	mg / cm <sup>2</sup>	Ceiling	Plaster	C	PEELING	White				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.3	0.3
11	PAINT	mg / cm <sup>2</sup>	Stair Stringer	Wood	Wood	FAIR	Brown				SANITARY LAUNDRY	Erik Curo	Positive	1	22.3	7.1	0.7
12	PAINT	mg / cm <sup>2</sup>	Stair Riser	Wood	Wood	FAIR	Brown				SANITARY LAUNDRY	Erik Curo	Negative	1	22.3	7.1	21.3
13	PAINT	mg / cm <sup>2</sup>	Column	Wood	Wood	FAIR	Brown				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
14	PAINT	mg / cm <sup>2</sup>	Column	Wood	Wood	FAIR	Brown				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
15	PAINT	mg / cm <sup>2</sup>	SPRINKLER PIPE	Metal	A	PEELING	White				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
16	PAINT	mg / cm <sup>2</sup>	Baseboard	Wood	Wood	POOR	Brown				SANITARY LAUNDRY	Erik Curo	Positive	1	14	5.7	14
17	PAINT	mg / cm <sup>2</sup>	Baseboard	Wood	Wood	POOR	Brown				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
18	PAINT	mg / cm <sup>2</sup>	Door Header	Wood	Wood	POOR	Brown				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
19	PAINT	mg / cm <sup>2</sup>	Win. Sash	Metal	A	FAIR	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
20	PAINT	mg / cm <sup>2</sup>	Win. Apron	Wood	D	FAIR	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
21	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	C	FAIR	Blue				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
22	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	D	FAIR	Blue				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
23	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	B	FAIR	Blue				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
24	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	D	FAIR	Blue				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
25	PAINT	mg / cm <sup>2</sup>	Door Jamb	Wood	D	INTACT	Blue				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
26	PAINT	mg / cm <sup>2</sup>	Door Header	Wood	D	INTACT	Blue				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
27	PAINT	mg / cm <sup>2</sup>	Baseboard	Wood	B	FAIR	Blue				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
28	PAINT	mg / cm <sup>2</sup>	Baseboard	Wood	B	FAIR	Blue				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
29	PAINT	mg / cm <sup>2</sup>	Wall	Under Block	A	FAIR	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
30	PAINT	mg / cm <sup>2</sup>	Wall	Under Block	C	INTACT	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
31	PAINT	mg / cm <sup>2</sup>	Door Casing	Wood	B	INTACT	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
32	PAINT	mg / cm <sup>2</sup>	Door Casing	Wood	B	INTACT	Green				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
33	PAINT	mg / cm <sup>2</sup>	STALL DIVIDER	Wood	B	INTACT	Green				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
34	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	B	CRACKING	Green				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
35	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	D	CRACKING	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	5.2	2.6	2.6
36	PAINT	mg / cm <sup>2</sup>	Wall	Plaster	D	CRACKING	Green				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
37	PAINT	mg / cm <sup>2</sup>	Wall	Brick	B	CHALKING	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
38	PAINT	mg / cm <sup>2</sup>	Wall	Brick	B	CHALKING	Beige				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
39	PAINT	mg / cm <sup>2</sup>	Wall	Brick	B	CHALKING	Beige				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
40	PAINT	mg / cm <sup>2</sup>	Wall	Brick	D	CHALKING	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
41	PAINT	mg / cm <sup>2</sup>	Columns	Metal		CRACKING	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
42	PAINT	mg / cm <sup>2</sup>	Columns	Metal		CRACKING	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
43	PAINT	mg / cm <sup>2</sup>	ELEVATOR SHIRT WALL	Wood	D	POOR	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
44	PAINT	mg / cm <sup>2</sup>	Win. Sash	Metal	B	POOR	Green				SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
45	PAINT	mg / cm <sup>2</sup>	CALIBRATE 4HRS								SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
46	PAINT	mg / cm <sup>2</sup>	CALIBRATE 4HRS								SANITARY LAUNDRY	Erik Curo	Positive	1	0.5	0.5	0.5
47	PAINT	mg / cm <sup>2</sup>	Wall	Brick	B	INTACT	White				SANITARY LAUNDRY	Erik Curo	Negative	1	0.9	0.1	0.1
48	PAINT	mg / cm <sup>2</sup>	Wall	Brick	D	INTACT	White				SANITARY LAUNDRY	Erik Curo	Negative	1	0.9	0.1	0.1
49	PAINT	mg / cm <sup>2</sup>	Wall	Brick	D	INTACT	White				SANITARY LAUNDRY	Erik Curo	Negative	1	0.9	0.1	0.1
50	PAINT	mg / cm <sup>2</sup>	Ceiling	Drywall		INTACT	White				SANITARY LAUNDRY	Erik Curo	Negative	1	0.9	0.1	0.1
51	PAINT	mg / cm <sup>2</sup>	SPRINKLER PIPE	Metal	C	FAIR	White				SANITARY LAUNDRY	Erik Curo	Negative	1	0.9	0.1	0.1
52	PAINT	mg / cm <sup>2</sup>	Door	Wood	C	PEELING	Black				SANITARY LAUNDRY	Erik Curo	Null	1	1.3	0.3	0.3
53	PAINT	mg / cm <sup>2</sup>	Door	Wood	C	PEELING	Black				SANITARY LAUNDRY	Erik Curo	Positive	1	1.2	0.1	0.1
54	PAINT	mg / cm <sup>2</sup>	Door Jamb	Wood	C	INTACT	Black				SANITARY LAUNDRY	Erik Curo	Positive	1	1.3	0.3	0.3
55	PAINT	mg / cm <sup>2</sup>	Wall	Drywall	B	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
56	PAINT	mg / cm <sup>2</sup>	Wall	Drywall	A	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
57	PAINT	mg / cm <sup>2</sup>	Wall	Drywall	C	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
58	PAINT	mg / cm <sup>2</sup>	Door	Wood	C	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
59	PAINT	mg / cm <sup>2</sup>	Door Header	Wood	C	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
60	PAINT	mg / cm <sup>2</sup>	Wall	Drywall	A	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
61	PAINT	mg / cm <sup>2</sup>	Wall	Drywall	C	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
62	PAINT	mg / cm <sup>2</sup>	Door	Wood	B	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
63	PAINT	mg / cm <sup>2</sup>	Door Casing	Wood	B	INTACT	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.5	0.5	0.5
64	PAINT	mg / cm <sup>2</sup>	Wall	Brick	B	FAIR	Beige				SANITARY LAUNDRY	Erik Curo	Null	1	0.4	0.1	0.1
65	PAINT	mg / cm <sup>2</sup>	Wall	Brick	B	FAIR	Beige				SANITARY LAUNDRY	Erik Curo	Negative	1	0.4	0.1	0.1



136	PAINT	mg / cm ^2	BOILER	Metal	FAIR	Silver		003	Basement	SANITARY LAUNDRY	Erik Curoto	Negative	1	< LOD	0.04	< LOD	0.04	< LOD	3.58
137	PAINT	mg / cm ^2	Wall	Wood	INTACT	White		005	Basement	SANITARY LAUNDRY	Erik Curoto	Negative	1	< LOD	0.11	< LOD	0.11	< LOD	2.73
138	PAINT	mg / cm ^2	Door / Amb	Concrete	A	Green	Exterior		Ground	SANITARY LAUNDRY	Erik Curoto	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	1.2
139	PAINT	mg / cm ^2	Door	Metal	C	Beige	Exterior		Ground	SANITARY LAUNDRY	Erik Curoto	Negative	1	< LOD	0.05	< LOD	0.05	< LOD	2.53
140	PAINT	mg / cm ^2	Door	Metal	C	Silver	Exterior		Ground	SANITARY LAUNDRY	Erik Curoto	Negative	1	< LOD	0.17	< LOD	0.17	< LOD	2.99
141	PAINT	mg / cm ^2	Wall	Brick	C	Brown	Exterior		Ground	SANITARY LAUNDRY	Erik Curoto	Negative	1	< LOD	0.03	< LOD	0.03	< LOD	1.35
142	PAINT	mg / cm ^2	CALIBRATE END							SANITARY LAUNDRY	Erik Curoto	Negative	1	0.9	0.1	0.9	0.1	1.2	0.5
143	PAINT	mg / cm ^2	CALIBRATE END							SANITARY LAUNDRY	Erik Curoto	Positive	1	1	0.1	1	0.1	1.5	0.3
144	PAINT	mg / cm ^2	CALIBRATE END							SANITARY LAUNDRY	Erik Curoto	Positive	1	1	0.1	1	0.1	1.2	0.3

Sampled and prepared by Erik W. Curoto of E&M, Inc.