

LIMITED ASBESTOS AND LEAD-BASED PAINT INSPECTION REPORT
FORMER FLORENCE POST OFFICE

Florence, South Carolina

Asbestos Inspections, LLC Project # 2017-30

*Performed in general accordance with SCDHEC regulation 61-86.1
along with OSHA regulation 29 CFR 1926 and 29 CFR 1926.62*

Assessment Completed by:



Asbestos Inspections, LLC
4686 Pee Dee Highway
Conway, South Carolina 29527
(843) 397-7008

Dawn Schoolcraft
SCDHEC ID# BI-00738

Assessment Completed For:

Francis Marion University
Mr. Mike Richey
P.O. Box 100547
Florence, South Carolina 29502-0547

Inspection Completed On – February 9-10, 2017

Report Prepared On – February 22, 2017

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1.0 SIGNATURE PAGE

This report has been performed at the request of Mr. Mike Richey, with Francis Marion University. The inspection was conducted by Mrs. Dawn Schoolcraft with Asbestos Inspections, LLC on February 9-10, 2017. The report was prepared and reviewed by the undersigned inspector.

Inspection Performed by:	SCDEHC #	Expires	Signature	Date
Dawn Schoolcraft	BI-00738	1/17/18	<i>Dawn Schoolcraft</i>	2/9/-2/10/17
Report Prepared by:				
Dawn Schoolcraft	BI-00738	1/17/18	<i>Dawn Schoolcraft</i>	2/22/17
Report Reviewed by:				
Dawn Schoolcraft	BI-00738	1/17/18	<i>Dawn Schoolcraft</i>	2/22/17



2.0 COVER LETTER

February 22, 2017

Francis Marion University
Mr. Mike Richey
P.O. Box 100547
Florence, South Carolina 29502-0547

Subject: Limited Asbestos and Lead-Based Paint Inspection Report
Former Florence Post Office
Florence, South Carolina
Asbestos Inspections, LLC Project # 2017-30

Dear Mr. Richey:

Asbestos Inspections, LLC has completed a Limited Asbestos and Lead-Based Paint Inspection for the former Florence Post Office located at 201 West Evans Street, in Florence, South Carolina. The asbestos inspection was completed on February 9-10, 2017 by a South Carolina Department of Health and Environmental Control (SCDHEC) building inspector. The lead-based paint inspection was completed by a licensed lead paint inspector.

The following report summarizes the project background, assessment procedures, results, and conclusions. The results presented in this report are indicative of conditions during the time of the inspection and of the specific areas outlined. The information provided in this report should not be used as a bidding document and field conditions should be verified. Should suspect building materials, not included within this report, be identified or impacted during the destructive activities, bulk samples must be collected and analyzed for asbestos content.

I appreciate this opportunity to provide my services. Should you have any questions concerning this report, please contact me at (843) 397-7008 or (843) 995-5197.

Sincerely,

Dawn Schoolcraft

Dawn Schoolcraft
Asbestos Building Inspector (SCDHEC #BI-00738)
Lead Paint Inspector (License #LBP-I-1162035-1)

3.0 EXECUTIVE SUMMARY

3.1 Scope and Purpose

Mr. Mike Richey with Francis Marion University, requested this assessment for the former Florence Post Office located at 201 West Evans Street, in Florence, South Carolina. It is our understanding that the University is interested in potentially buying the facility and renovate select areas for use by the school. The purpose of this assessment is to identify asbestos containing materials (ACMs) prior to the scheduled renovations.

The inspection was completed in accordance with procedures specified in SCDHEC regulation 61.86.1 along with Occupational Safety and Health Administration (OSHA) regulation 29 Code of the Federal Regulations (CFR) 1926 and Lead-Based Paint Inspection along with Occupational Safety and Health Administration (OSHA) Lead in Construction Standard regulation 29 Code of the Federal Regulations (CFR) 1926.62. The lead paint chip samples collected were analyzed by a laboratory recognized under the Environmental Protection Agencies (EPA) National Lead Laboratory Accreditation Program (NLLAP). The representative asbestos bulk samples collected were analyzed by a National Voluntary Laboratory Accreditation Program (NVLAP) certified laboratory which is administered by the National Institute of Standards and Technology (NIST). This report has been prepared in accordance with Environmental Protection Agency (EPA) 40 CFR, 763.85(a)(4).

3.2 Facility Conditions

The subject facility is approximately 30,000 square-foot in size and is comprised of both 2 and 3-stories with an attic and a basement. At this time, renovations are to include the interior of the structure and the 2nd floor asphalt built-up roof. The interior consists of mostly plaster walls and ceilings, suspended ceiling tile, wood paneled walls, terrazzo floor, sheetrock, thermal system insulation (TSI), texture coated ceiling, carpet, wood floors, and multiple vinyl floor coverings. The former boiler system remains in the basement, to include the pipe insulation used to heat the building and supply hot water. Remnant 9”x9” floor tile mastic was also observed in the basement. The building was occupied during our inspection and is currently used as a courthouse by Florence County.

Every attempt was made to identify suspect asbestos containing material. There was an accessible shaft identified in the basement, which appeared to have been closed off. We were able to identify various pipe insulations and HVAC ducting in areas that are not easily accessible, due to renovations that have taken place throughout the years.

The possibility exists that suspect materials were undetected in inaccessible areas such as areas deemed unsafe to enter, locked rooms, behind exterior veneer, pipe chases, or wall voids. If additional suspect materials not included in this report are discovered during renovation, bulk samples should be collected and analyzed for asbestos content.

3.3 Findings and Conclusions

a. Asbestos

The EPA and SCDHEC define materials as asbestos containing if an asbestos content >1% is identified in a representative sample. **Asbestos >1% was detected** in the following materials sampled and analyzed:

- DM2 – HVAC duct mastic in basement I.O. Gallery (approximately 50 sf)
- DM3 – HVAC duct mastic in 2nd and 3rd floor halls above ceiling tile (approximately 170 sf)
- I1 – Boiler insulation in basement (approximately 500 sf)
- I2 – Pipe insulation wrap to include elbows in basement and throughout other areas such as 1st floor passage and 2nd floor rooms (approximately 2,500 lf). No pipe insulation was observed on the 3rd floor rooms or above the ceiling tile.
- I4 – Water tank insulation in basement (approximately 50 sf)
- I5 – Cardboard insulation in basement (approximately 480 sf)
- I6 – Furnace board insulation in basement (approximately 480 sf)
- I8 – Chilled water pipe insulation (approximately 600 lf)
- I9 – HVAC insulation 2nd and 3rd floor mechanical rooms and the attic (approximately 1,200 sf)
- I10 – Tar wrapped pipe insulation in attic (approximately 60 lf)
- RF1 – Silver painted roof flashing on 2nd floor roof (approximately 140 sf)

No asbestos >1% was detected in the remaining samples collected and analyzed.

Per SCDHEC regulations, the asbestos containing materials should be removed by a licensed abatement contractor prior to any destructive activities at the facility. Due to the quantity of regulated ACMs identified, an asbestos abatement plan will be required prior to abatement. Additionally, asbestos air monitoring will be required during abatement activities.

A copy of this report along with an application for abatement and demolition must be submitted to SCDHEC 10 working days prior to any abatement and demolition activities. Additionally, a copy of this report should be provided to the contractors to assist with compliance with applicable State and Federal regulations.

b. Lead-Based Paint

OSHA defines paint as lead-based if an amount greater than 0.06% lead by weight is identified in a paint chip sample. The SCDHEC requires the disposal of paint coated items be placed in a Municipal Solid Waste lined landfill. Based on samples collected from the previous inspection and along with the samples collected during this inspection, **lead greater than 1.0 mg/cm² was identified** in the following paint coated surfaces sampled and analyzed:

- P-01 – Blue painted plaster walls
- P-02 – Tan painted plaster walls
- P-04 – Green painted plaster walls
- P-05 – Red painted brick wall in basement
- P-07 – Beige/Tan painted plaster walls

Please know that traces of lead was identified in the remaining samples collected and analyzed. Any work and/or disturbance to the painted surfaces within the facility, must at a minimum, be done in accordance with

federal regulations governing Lead-Safe Work Practices, 24 CFR 35.1350. A copy of this report should be provided to the contractors to assist with compliance with applicable State and Federal regulations.

The results presented in this report are indicative of conditions during the time of the assessment. The information provided in this report should not be used as a bidding document and field conditions and quantities should be verified.

4.0 ASBESTOS ASSESSMENT DATA

The assessment was performed by observing and sampling suspect ACMs in the structure prior to the scheduled demolition. Representative bulk samples were then extracted, recorded on a chain of custody, and submitted to CEI Labs of Cary, North Carolina for laboratory analysis. The samples were tested via Polarized Light Microscopy (PLM); however, SCDHEC requires a Transmission Electron Microscopy (TEM) test be performed for all non-friable organically bound material found negative via PLM.

The following table exhibits the suspect material sampled, location, quantity of material sampled, condition of material, potential for future disturbance, laboratory test method, and laboratory result for each sample collected.

Sample #	Material	Location	Cat./# Samples	Qty.	Asbestos Type	%	Cond.	Pot. Dist.	Haz. Assess.	Test Method
P1-01	Plaster Skim Coat - White	Walls and Ceilings Throughout	S/9	60,000 sf	ND	0	G/F	PSD	3	PLM
P1-02	Plaster Skim Coat - White				ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray				ND	0	G/F	PSD	3	PLM
P1-03	Plaster Skim Coat - White				ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray				ND	0	G/F	PSD	3	PLM
P1-04	Plaster Skim Coat - White				ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray				ND	0	G/F	PSD	3	PLM
P1-05	Plaster Skim Coat - White				ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray				ND	0	G/F	PSD	3	PLM
P1-06	Plaster Skim Coat - White				ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray				ND	0	G/F	PSD	3	PLM
P1-07	Plaster Skim Coat - White				ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray				ND	0	G/F	PSD	3	PLM
P1-08	Plaster Skim Coat - White				ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray				ND	0	G/F	PSD	3	PLM
P1-09	Plaster Skim Coat - White				ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray				ND	0	G/F	PSD	3	PLM

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Sample #	Material	Location	Cat./# Samples	Qty.	Asbestos Type	%	Cond.	Pot. Dist.	Haz. Assess.	Test Method			
DM1-01	Duct Mastic – Tan	Basement – I.O. Gallery	TSI/3	100 sf	ND	0	G/NF	PSD	3	PLM			
DM1-02	Duct Mastic - Tan				ND	0	G/NF	PSD	3	PLM			
DM1-03	Duct Mastic - Tan				ND	0	G/NF	PSD	3	TEM			
DM2-01	Duct Mastic – Black	Basement – I.O. Gallery	TSI/3	50 sf	Chrysotile	5	G/NF	PSD	3	PLM			
DM2-02	Duct Mastic – Black				--	--	--	--	--	--			
DM2-03	Duct Mastic – Black				--	--	--	--	--	--			
DM3-01	Duct Mastic/Wrap - Black	2 ND & 3 RD Floor Hall Above Ceiling Tile	TSI/3	170 sf	Chrysotile	5	G/NF	PSD	3	PLM			
DM3-02	Duct Mastic/Wrap – Black				--	--	--	--	--	--			
DM3-03	Duct Mastic/Wrap - Black				--	--	--	--	--	--			
F1-01	Flooring - Brown	Basement – I.O. Gallery	M/3	350 sf	ND	0	G/NF	PSD	3	PLM			
F1-02	Flooring - Brown				ND	0	G/NF	PSD	3	PLM			
F1-03	Flooring - Brown				ND	0	G/NF	PSD	3	TEM			
F2-01	Mastic - Black	Basement – Mastic Remnant	M/3	2,000 sf	ND	0	G/NF	PSD	3	PLM			
F2-02	Mastic – Black				ND	0	G/NF	PSD	3	PLM			
F2-03	Mastic - Black				ND	0	G/NF	PSD	3	TEM			
F3-01	Floor Tile – White	1 st Floor Kitchen	M/3	120 sf	ND	0	G/NF	PSD	3	PLM			
	Mastic - Yellow				ND	0	G/NF	PSD	3	PLM			
	Floor Tile - Black				ND	0	G/NF	PSD	3	PLM			
	Mastic - Yellow				ND	0	G/NF	PSD	3	PLM			
F3-02	Floor Tile – White				ND	0	G/NF	PSD	3	PLM			
	Mastic - Yellow				ND	0	G/NF	PSD	3	PLM			
	Floor Tile - Black				ND	0	G/NF	PSD	3	PLM			
	Mastic - Yellow				ND	0	G/NF	PSD	3	PLM			
F3-03	Floor Tile – White				ND	0	G/NF	PSD	3	TEM			
	Mastic - Yellow				ND	0	G/NF	PSD	3	TEM			
	Floor Tile - Black				ND	0	G/NF	PSD	3	TEM			
	Mastic - Yellow				ND	0	G/NF	PSD	3	TEM			
F4-01	Floor Tile – Blue	1 st Floor Rear Bathroom	M/3	120 sf	ND	0	G/NF	PSD	3	PLM			
	Floor Tile – Pink				ND	0	G/NF	PSD	3	PLM			
	Mastic - Tan				ND	0	G/NF	PSD	3	PLM			
F4-02	Floor Tile – Blue				ND	0	G/NF	PSD	3	PLM			
	Floor Tile – Pink				ND	0	G/NF	PSD	3	PLM			
	Mastic - Tan				ND	0	G/NF	PSD	3	PLM			
F4-03	Floor Tile – Blue				ND	0	G/NF	PSD	3	TEM			
	Floor Tile – Pink				ND	0	G/NF	PSD	3	TEM			
	Mastic - Tan				ND	0	G/NF	PSD	3	TEM			
F5-01	Flooring – Brown				2 nd Floor Record Room & Mech. Room	M/3	300 sf	ND	0	G/NF	PSD	3	PLM
F5-02	Flooring – Brown							ND	0	G/NF	PSD	3	PLM
F5-03	Flooring – Brown							ND	0	G/NF	PSD	3	TEM
VCB1-01	Covebase Mastic - Yellow	1 st Floor Rear Bathroom	M/3	50 lf	ND	0	G/NF	PSD	3	PLM			
VCB1-02	Covebase Mastic - Yellow				ND	0	G/NF	PSD	3	PLM			
VCB1-03	Covebase Mastic - Yellow				ND	0	G/NF	PSD	3	TEM			
SR1-01	Sheetrock – White	1 st Floor Law Offices	S/7	12,000 sf	ND	0	G/F	PSD	3	PLM			
	Joint Compound - White				ND	0	G/F	PSD	3	PLM			
SR1-02	Sheetrock – White				ND	0	G/F	PSD	3	PLM			
	Joint Compound - White				ND	0	G/F	PSD	3	PLM			
SR1-03	Sheetrock – White				ND	0	G/F	PSD	3	PLM			
	Joint Compound - White				ND	0	G/F	PSD	3	PLM			

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SR1-04	Sheetrock – White				ND	0	G/F	PSD	3	PLM			
	Joint Compound – White				ND	0	G/F	PSD	3	PLM			
SR1-05	Sheetrock – White				ND	0	G/F	PSD	3	PLM			
	Joint Compound - White				ND	0	G/F	PSD	3	PLM			
SR1-06	Sheetrock – White				ND	0	G/F	PSD	3	PLM			
	Joint Compound - White				ND	0	G/F	PSD	3	PLM			
SR1-07	Sheetrock – White				ND	0	G/F	PSD	3	PLM			
	Joint Compound - White				ND	0	G/F	PSD	3	PLM			
P2-01	Plaster Skim Coat - White				HVAC Chases In Lobby's and Select Rooms	S/3	700 sf	ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray							ND	0	G/F	PSD	3	PLM
P2-02	Plaster Skim Coat - White							ND	0	G/F	PSD	3	PLM
	Plaster Base Coat - Gray							ND	0	G/F	PSD	3	PLM
P2-03	Plaster Skim Coat - White	ND	0	G/F				PSD	3	PLM			
	Plaster Base Coat - Gray	ND	0	G/F				PSD	3	PLM			
TC1-01	Textured Ceiling - White	1 st Floor Law Offices	S/5	2,700 sf				ND	0	G/F	PSD	3	PLM
TC1-02	Textured Ceiling - White							ND	0	G/F	PSD	3	PLM
TC1-03	Textured Ceiling - White							ND	0	G/F	PSD	3	PLM
TC1-04	Textured Ceiling - White							ND	0	G/F	PSD	3	PLM
TC1-05	Textured Ceiling - White							ND	0	G/F	PSD	3	PLM
CT-01	Ceiling Tile – White/Off-White	2 nd and 3 rd Floor Halls and Court Room	M/3	2,400 sf				ND	0	G/F	PSD	3	PLM
CT-02	Ceiling Tile – White/Off-White				ND	0	G/F	PSD	3	PLM			
CT-03	Ceiling Tile – White/Off-White				ND	0	G/F	PSD	3	PLM			
M1-01	Ceiling Tile Track Mastic - Brown	2 nd and 3 rd Floor Halls	M/3	50 sf	ND	0	G/NF	PSD	3	PLM			
M1-02	Ceiling Tile Track Mastic - Brown				ND	0	G/NF	PSD	3	PLM			
M1-03	Ceiling Tile Track Mastic - Brown				ND	0	G/NF	PSD	3	TEM			
WT1-01	Wall Texture - White	3 rd Floor Jail Bath	S/3	380 sf	ND	0	G/F	PSD	3	PLM			
WT1-02	Wall Texture - White				ND	0	G/F	PSD	3	PLM			
WT1-03	Wall Texture - White				ND	0	G/F	PSD	3	PLM			
I1-01	Boiler Insulation – White/Off-White	Basement Boiler	TSI/3	500 sf	Chrysotile	50	G/F	PSD	3	PLM			
I1-02	Boiler Insulation – White/Off-White				--	--	--	--	--	--			
I1-03	Boiler Insulation – White/Off-White				--	--	--	--	--	--			
I2-01	Pipe Insulation Wrap - Gray	Basement-White Feathery Insulation	TSI/3	2,500 lf	ND	0	G/F	PSD	3	PLM			
	Pipe Insulation - White				Chrysotile	25	G/F	PSD	3	PLM			

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Sample #	Material	Location	Cat./# Samples	Qty.	Asbestos Type	%	Cond.	Pot. Dist.	Haz. Assess.	Test Method	
I2-02	Pipe Insulation Wrap - Gray	Also found throughout other areas to include 1st floor passage and 2nd floor rooms			--	--	--	--	--	--	
	Pipe Insulation - White				--	--	--	--	--	--	
I2-03	Pipe Insulation Wrap - Gray				--	--	--	--	--	--	
	Pipe Insulation - White				--	--	--	--	--	--	
I3-01	Cloth Wrapped Insulation - Tan	Basement Pipe Fiberglass Insulation	TSI/3	50 lf	ND	0	G/F	PSD	3	PLM	
I3-02	Cloth Wrapped Insulation - Tan				ND	0	G/F	PSD	3	PLM	
I3-03	Cloth Wrapped Insulation - Tan				ND	0	G/F	PSD	3	PLM	
I4-01	Water Tank Insulation - White	Basement	TSI/3	50 sf	Chrysotile	35	G/F	PSD	3	PLM	
I4-02	Water Tank Insulation - White				--	--	--	--	--	--	
I4-03	Water Tank Insulation - White				--	--	--	--	--	--	
I5-01	Cardboard Insulation - Brown	Basement - Old Furnace	TSI/3	480 sf	Chrysotile	5	G/F	PSD	3	PLM	
I5-02	Cardboard Insulation - Brown				--	--	--	--	--	--	
I5-03	Cardboard Insulation - Brown				--	--	--	--	--	--	
I6-01	Furnace Board Insulation - White	Basement - Old Furnace	TSI/3	480 sf	Chrysotile	65	G/F	PSD	3	PLM	
I6-02	Furnace Board Insulation - White				--	--	--	--	--	--	
I6-03	Furnace Board Insulation - White				--	--	--	--	--	--	
I7-01	Cloth Wrapped Insulation - Tan/Yellow	Basement Pipe Fiberglass Insulation also on 2 nd floor hall above ceiling tile and 1 st floor lobby	TSI/3	500 lf	ND	0	G/F	PSD	3	PLM	
I7-02	Cloth Wrapped Insulation - Tan/Yellow				ND	0	G/F	PSD	3	PLM	
I7-03	Cloth Wrapped Insulation - Tan/Yellow				ND	0	G/F	PSD	3	PLM	
I8-01	Cloth Wrap - Tan	Chilled Water Supply - Basement	TSI/3	600 lf	ND	0	G/F	PSD	3	PLM	
	Brown Paper - Brown				ND	0	G/F	PSD	3	PLM	
	Black Paper - Black				Chrysotile	25	G/NF	PSD	3	PLM	
	Brown Insulation - Brown				ND	0	G/F	PSD	3	PLM	
I8-02	Cloth Wrap - Tan				--	--	--	--	--	--	--
	Brown Paper - Brown				--	--	--	--	--	--	--
	Black Paper - Black				--	--	--	--	--	--	--
	Brown Insulation - Brown				--	--	--	--	--	--	--
I8-03	Cloth Wrap - Tan				--	--	--	--	--	--	--
	Brown Paper - Brown				--	--	--	--	--	--	--
	Black Paper - Black				--	--	--	--	--	--	--
	Brown Insulation - Brown				--	--	--	--	--	--	--
I9-01	HVAC Insulation - White	2 nd , 3 rd , and Attic	TSI/3	1,200 sf	Chrysotile	10	G/F	PSD	3	PLM	

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I9-02	HVAC Insulation – White	HVAC Insulation			--	--	--	--	--	--	
I9-03	HVAC Insulation - White				--	--	--	--	--	--	--
I10-01	Tar Wrap - Black	Attic Pipe Insulation	TSI/3	60 lf	Chrysotile	25	G/NF	PSD	3	PLM	
	Insulation - Brown				ND	0	G/F	PSD	3	PLM	
I10-02	Tar Wrap - Black				--	--	--	--	--	--	--
	Insulation - Brown				--	--	--	--	--	--	--
I10-03	Tar Wrap - Black				--	--	--	--	--	--	--
	Insulation - Brown				--	--	--	--	--	--	--
RF1-01	Roof Flashing Paint – Silver	2 nd Floor Roof Flashing	M/3	140 sf	Chrysotile	3	G/NF	PSD	3	PLM	
	Roof Flashing Tar - Black				ND	0	G/NF	PSD	3	PLM	
RF1-02	Roof Flashing Paint – Silver				--	--	--	--	--	--	--
	Roof Flashing Tar - Black				--	--	--	--	--	--	--
RF1-03	Roof Flashing Paint – Silver				--	--	--	--	--	--	--
	Roof Flashing Tar - Black				--	--	--	--	--	--	--
RF2-01	Shingle – White/Black	2 nd Floor Parapet Wall	M/3	140 sf	ND	0	G/NF	PSD	3	PLM	
	Tar - Black				ND	0	G/NF	PSD	3	PLM	
RF2-02	Shingle – White/Black				ND	0	G/NF	PSD	3	PLM	
	Tar - Black				ND	0	G/NF	PSD	3	PLM	
RF2-03	Shingle – White/Black				ND	0	G/NF	PSD	3	TEM	
	Tar - Black				ND	0	G/NF	PSD	3	TEM	
R-01	Roof Tar - Black	2 nd Floor Roof	M/3	1,200 sf	ND	0	G/NF	PSD	3	PLM	
R-02	Roof Tar - Black				ND	0	G/NF	PSD	3	PLM	
R-03	Roof Tar - Black				ND	0	G/NF	PSD	3	TEM	

Abbreviations and Hazard Assessment Key

Category and Sampling #'s		
Miscellaneous (M) = 3 samples required		
Surfacing (S) = <1,000 sf = 3 samples required; 1,000-5,000 sf = 5 samples; >5,000 sf = 7 samples		
Thermal System Insulation (TSI) = < 6 sf = 1 sample required; > 6 sf = 3 samples		
Present Condition		
F = Friable G = Good (very localized limited damage)		
NF = Non-friable D = Damaged (Damage of less than 10% distributed and less than 25% localized)		
SD = Significantly Damaged (Damage equal to or greater than 10% distributed/25% localized)		
Potential for Future Disturbance		
LPD = Low potential for disturbance (Contact, vibration, and air erosion all of low concern)		
PD = Potential for damage (Contact, vibration, or air erosion of moderate concern)		
PSD = Potential for significant damage (Contact, vibration, or air erosion of high concern)		
Hazard Assessment – Present Condition Versus Potential for Future Disturbance		
<i>Good</i>	<i>Damaged</i>	<i>Significantly Damaged = 7</i>
LPD = 1	LPD = 4	
PD = 2	PD = 5	
PSD = 3	PSD = 6	

Test Method
PLM = Polarized Light Microscopy
TEM = Transmission Electron Microscopy (required by SCDHEC for confirmation of negative results for non-friable organically bound materials)
-- = Sample not analyzed due to positive PLM results.
Misc.
sf = Square Feet lf = Linear Feet
ND = None Detected
EPA, SCDHEC, and OSHA define a material as asbestos containing if an asbestos content greater than 1% is detected.

Please understand that quantities are estimated and should not be used for bidding purposes. Field conditions should be verified prior to bidding.

5.0 LEAD-BASED PAINT ASSESSMENT DATA

The assessment was performed by identifying paint coated surfaces associated with the structure. Paint chip samples were then collected for each painted surface of the structure’s building components, which includes but is not limited to shutters, siding, exterior trim, window trim, window sills, interior and exterior doors, door frames, walls, baseboards, chair rails and floors. The samples collected were approximately 1-4 square inches in size and included all layers of paint, placed inside an appropriate sample container, and labeled accordingly using a unique identification number. A chain of custody was completed for the samples with project specific information and then submitted to *EMSL Analytical, Inc.* for analysis. The samples collected were analyzed via EPA Method SW846 3050B/7000B. The following outlines the paint chip samples collected and analyzed:

Sample #	Substrate	Component	Color	Paint Location	Condition	Lead Concentration (mg/cm ²)
P-01	Plaster	Wall	Blue	Storage	Intact	24
P-02	Plaster	Wall	Tan	Basement	Poor	1.7
P-03	Wood	Trim	Green/Gray	Basement	Poor	0.17
P-04	Plaster	Wall	Green	Basement	Poor	1.0
P-05	Brick	Wall	Red	Basement	Poor	1.5
P-06	Brick	Wall	Tan	Basement	Poor	0.041
P-07	Plaster	Wall	Beige/Tan	Basement	Poor	2.8
P-08	Metal	Door	Green/Gray	Basement	Poor	0.60
P-09	Plaster	Wall	Beige	Basement	Poor	0.036
P-10	Wood	Window Sill	White	Basement	Poor	0.094
P-11	Plaster	Wall	White	1 st Floor	Good	0.026
P-12	Plaster	Wall	Black	1 st Floor	Good	0.15

*mg/cm² = milligrams per cubic centimeter

Condition Assessment Key

Type of Bldg. Component	Total Area of Deteriorated Paint on Each Component		
	Intact	Fair ¹	Poor ²
Exterior components with large surface area	Entire surface area is intact	Less than or equal to 10 square feet	More than 10 square feet

Interior components with large surface area	Entire surface area is intact	Less than or equal to 2 square feet	More than 2 square feet
Interior and exterior components with small surface areas	Entire surface area is intact	Less than or equal to 10% of the total surface area of component	More than 10% of the total surface area or the component

Superscript 1 = surfaces in “fair” condition should be repaired and/or monitored, but are not considered to be lead based paint hazards.

Superscript 2 = surfaces in “poor” condition are considered to be lead based paint hazards as defined by Title X and should be addressed through abatement or interim controls.

Composite soil samples were not collected during this inspection. Grass and shrubs covered the perimeter area around the house and most of the yard is covered with grass with the exception of the driveway. No paint flakes were observed on the ground surface around the house.

Site location and sample locations are identified as Figures 1 thru 6 of Appendix 1 of this report, photographs are in Appendix 2, and laboratory results are in Appendix 3 and 4.

6.0 CONCLUSIONS

a. Asbestos

The EPA and SCDHEC define materials as asbestos containing if an asbestos content >1% is detected in a representative sample. **Asbestos >1 % was detected** in the following materials sampled and analyzed for the former Florence Post Office located at 201 West Evans Street, in Florence, South Carolina:

- DM2 – HVAC duct mastic in basement I.O. Gallery (approximately 50 sf)
- DM3 – HVAC duct mastic in 2nd and 3rd floor halls above ceiling tile (approximately 170 sf)
- I1 – Boiler insulation in basement (approximately 500 sf)
- I2 – Pipe insulation wrap to include elbows in basement and throughout other areas such as 1st floor passage and 2nd floor rooms (approximately 2,500 lf). No pipe insulation was observed on the 3rd floor rooms or above the ceiling tile.
- I4 – Water tank insulation in basement (approximately 50 sf)
- I5 – Cardboard insulation in basement (approximately 480 sf)
- I6 – Furnace board insulation in basement (approximately 480 sf)
- I8 – Chilled water pipe insulation (approximately 600 lf)
- I9 – HVAC insulation 2nd and 3rd floor mechanical rooms and the attic (approximately 1,200 sf)
- I10 – Tar wrapped pipe insulation in attic (approximately 60 lf)
- RF1 – Silver painted roof flashing on 2nd floor roof (approximately 140 sf)

No asbestos >1% was detected in the remaining samples collected and analyzed.

Per SCDHEC regulations, the asbestos containing materials should be removed by a licensed abatement contractor prior to any destructive activities at the facility. Due to the quantity of regulated ACMs identified, an asbestos abatement plan will be required prior to abatement. Additionally, asbestos air monitoring will be required during abatement activities.

The possibility exists that suspect materials were undetected in inaccessible areas such as areas deemed unsafe to enter, locked rooms, behind exterior veneer, pipe chases, below the wood roof decking, or wall voids. If additional suspect materials not included in this report are discovered during demolition, bulk samples should be collected and analyzed for asbestos content.

A copy of this report along with an application for abatement and demolition must be submitted to SCDHEC 10 working days prior to any abatement and demolition activities. Additionally, a copy of this report should be provided to the contractors to assist with compliance with applicable State and Federal regulations.

a. Lead-Based Paint

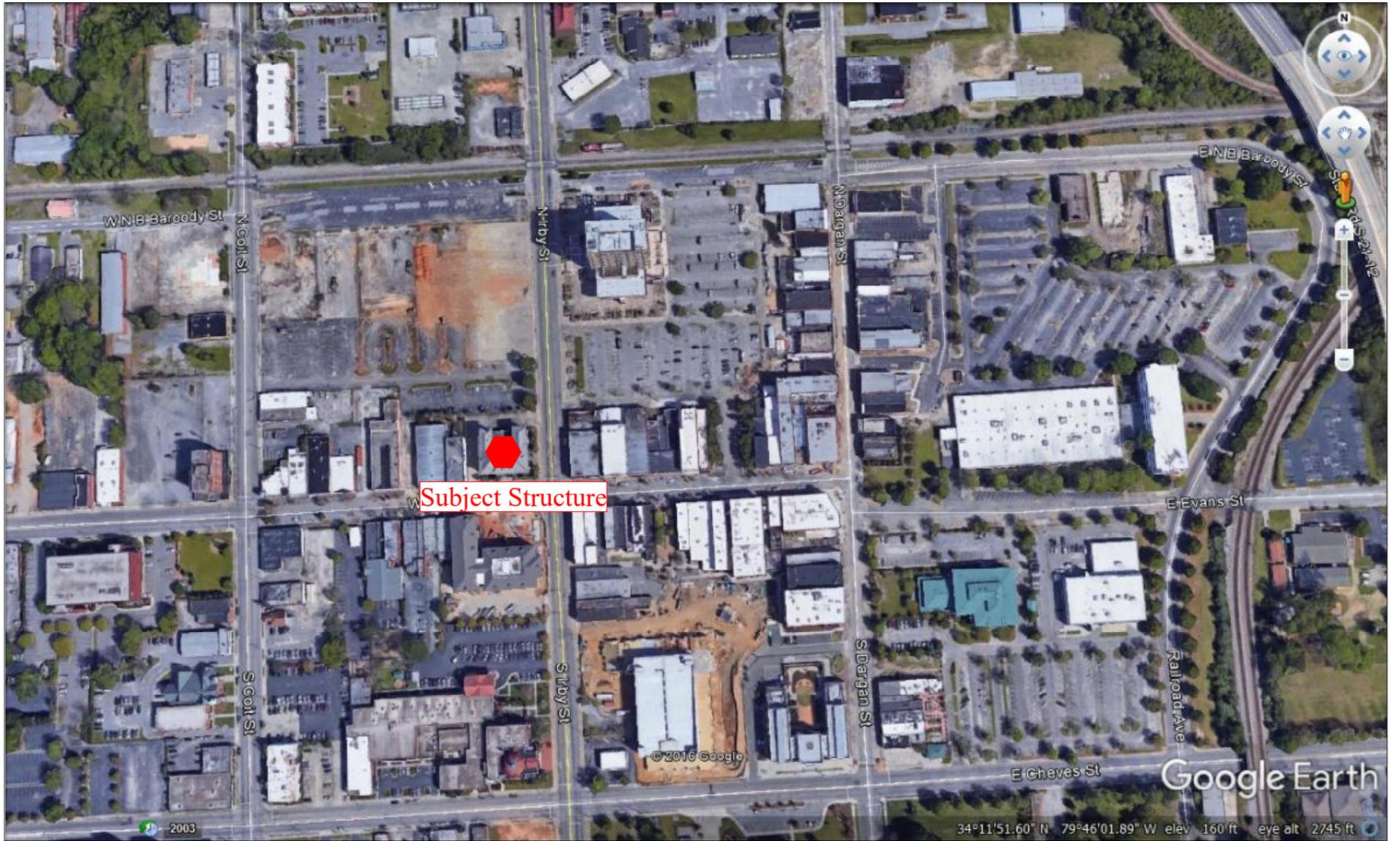
OSHA defines paint as lead-based if an amount greater than 1.0 mg/cm² is identified in a paint chip sample. The SCDHEC requires the disposal of paint coated items be placed in a Municipal Solid Waste lined landfill. Based on samples collected from the previous inspection and along with the samples collected during this inspection, **lead greater than 1.0 mg/cm² was identified** in the following paint coated surfaces sampled and analyzed:

- P-01 – Blue painted plaster walls
- P-02 – Tan painted plaster walls
- P-04 – Green painted plaster walls
- P-05 – Red painted brick wall in basement
- P-07 – Beige/Tan painted plaster walls

Please know that traces of lead was identified in the samples collected and analyzed. Any work and/or disturbance to the painted surfaces within the facility, at a minimum, be done in accordance with federal regulations governing Lead-Safe Work Practices, 24 CFR 35.1350. A copy of this report should be provided to the contractors to assist with compliance with applicable State and Federal regulations.

APPENDIX 1

Site Location Plan and Sample Location Plan (Figures 1 thru 6)

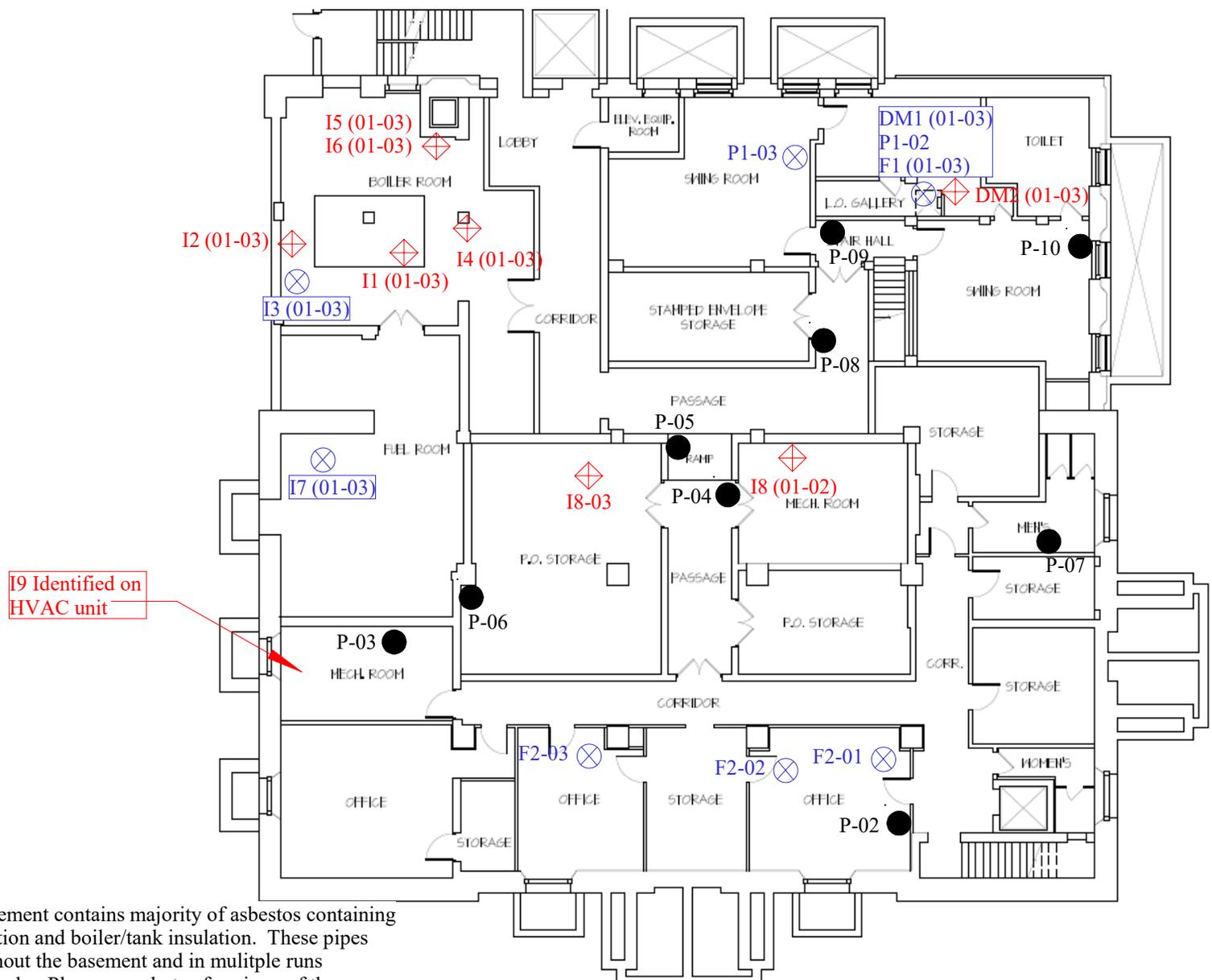


Site Location Plan
Former Florence Post Office
Florence, SC
Project # - 2017-30

Scale: Not to Scale
Reviewed By: DS
Date: 2/22/17
Source: Google Earth

Figure 1

Basement



Notes: Basement contains majority of asbestos containing pipe insulation and boiler/tank insulation. These pipes run throughout the basement and in multiple runs simultaneously. Please see photos for views of these areas.

LEGEND

- ⊗ Sample Location
- ◆ Asbestos Containing Sample Location
- Lead-Based Paint Chip Sample



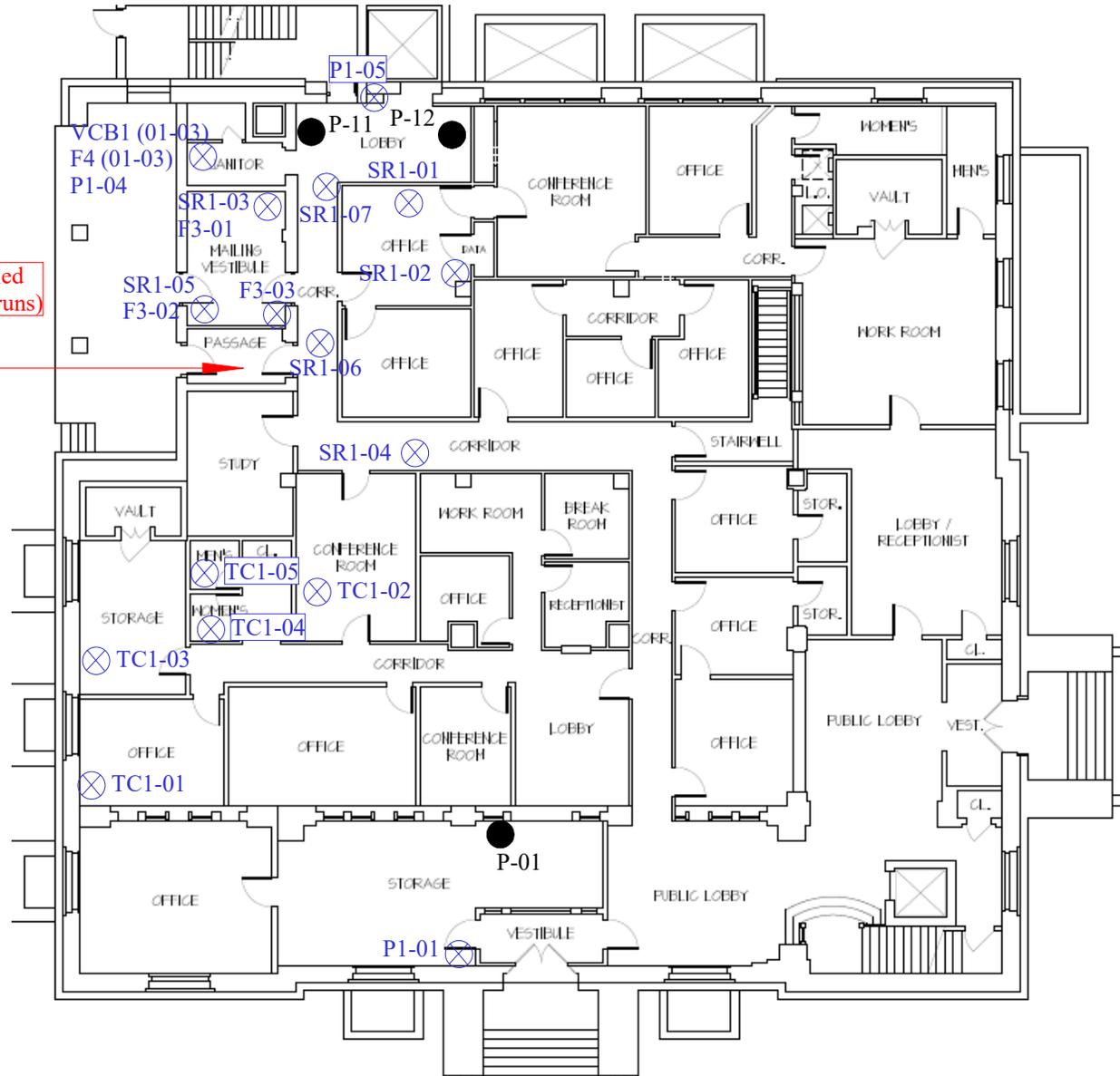
Asbestos Sample Location Plan
Former Florence Post Office
Florence, SC
Project # - 2017-30

Scale: Not to Scale
Reviewed By: DS
Date: 2/20/2017
Source: N/A

Figure 2

1st Floor

I2 was identified in passage (4 runs)



LEGEND

- ⊗ Sample Location
- ⬠ Asbestos Containing Sample Location
- Lead-Based Paint Chip Sample

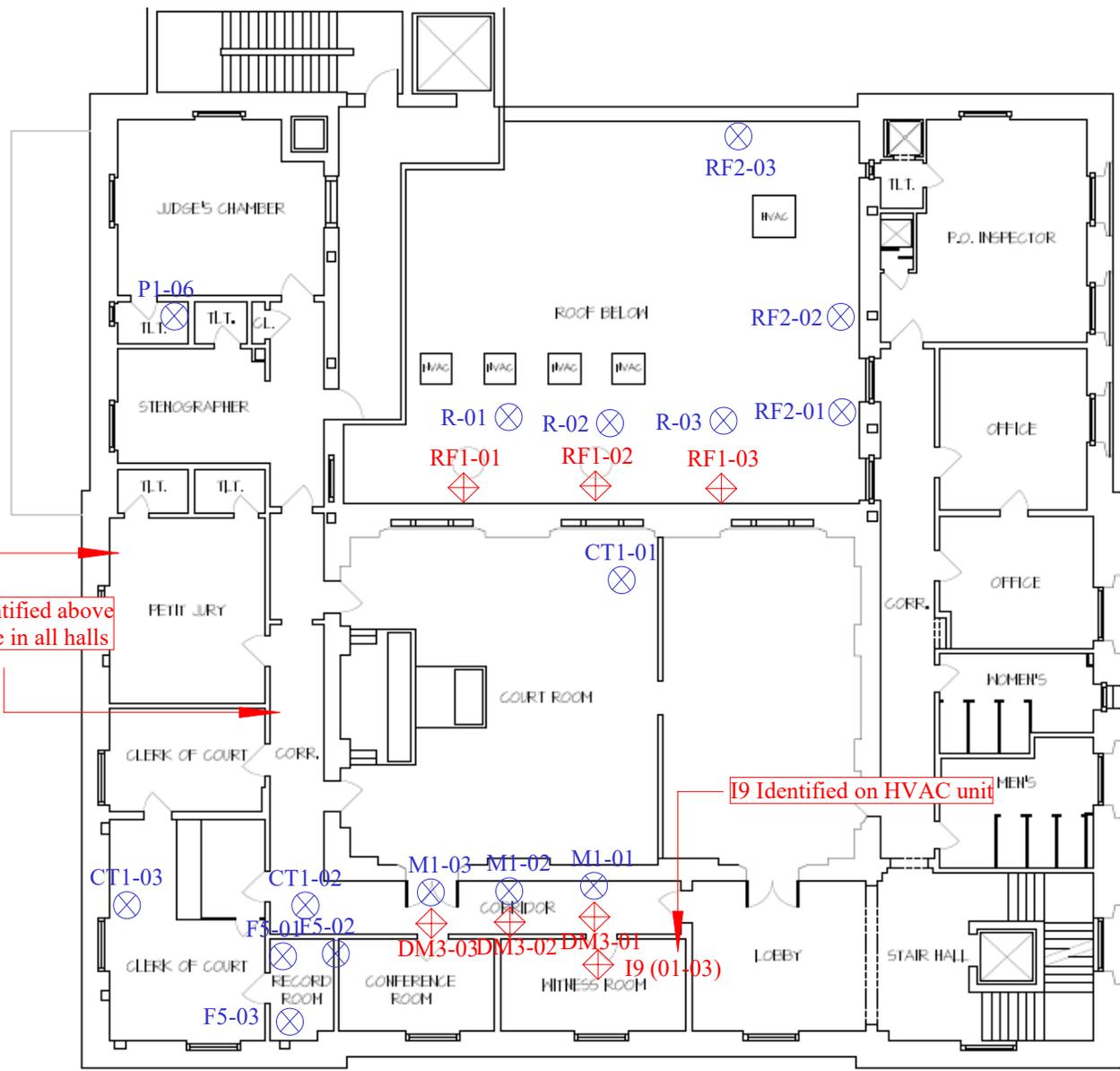


Asbestos Sample Location Plan
Former Florence Post Office
Florence, SC
Project # - 2017-30

Scale: Not to Scale
Reviewed By: DS
Date: 2/20/2017
Source: N/A

Figure 3

2nd Floor



I2 Identified in ceiling of 2nd floor rooms

DM3 Identified above ceiling tile in all halls

I9 Identified on HVAC unit

LEGEND

- ⊗ Sample Location
- ◊ Asbestos Containing Sample Location
- Lead-Based Paint Chip Sample

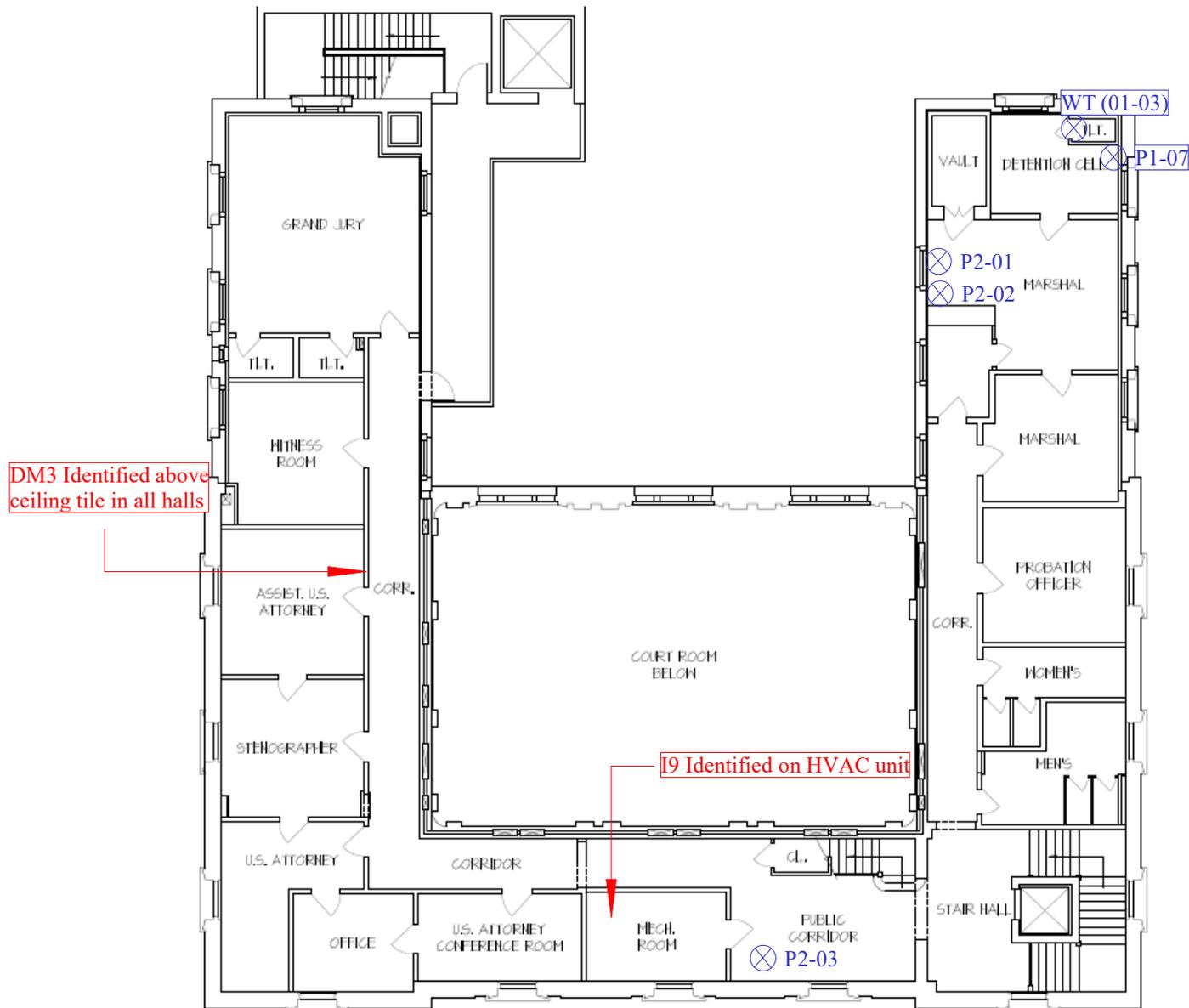


Asbestos Sample Location Plan
Former Florence Post Office
Florence, SC
Project # - 2017-30

Scale: Not to Scale
Reviewed By: DS
Date: 2/20/2017
Source: N/A

Figure 4

3rd Floor



LEGEND

- ⊗ Sample Location
- ◊ Asbestos Containing Sample Location
- Lead-Based Paint Chip Sample

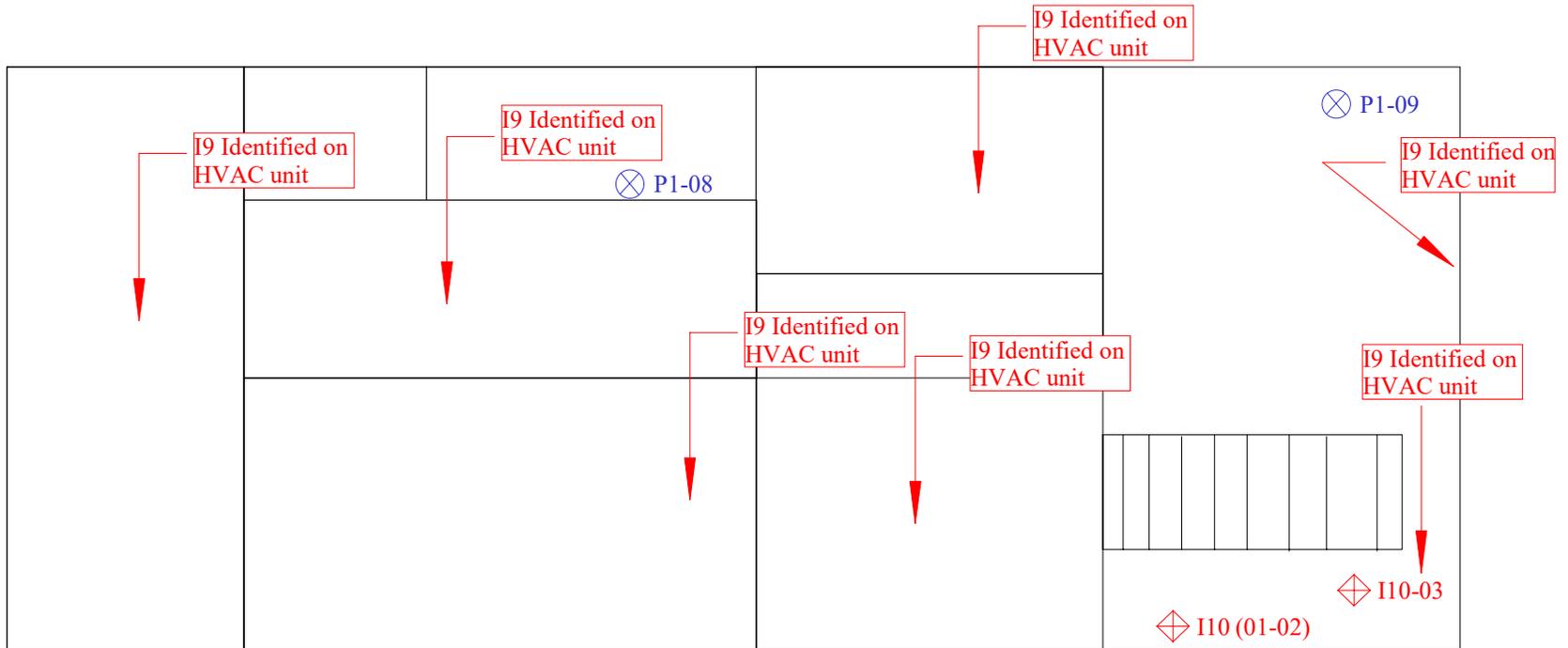


Asbestos Sample Location Plan
 Former Florence Post Office
 Florence, SC
 Project # - 2017-30

Scale: Not to Scale
 Reviewed By: DS
 Date: 2/20/2017
 Source: N/A

Figure 5

Attic



LEGEND

- ⊗ Sample Location
- ⊠ Asbestos Containing Sample Location
- Lead-Based Paint Chip Sample



Asbestos Sample Location Plan
Florence Post Office
Florence, SC
Project # - 2017-30

Scale: Not to Scale
Reviewed By: DS
Date: 2/20/2017
Source: N/A

Figure 6

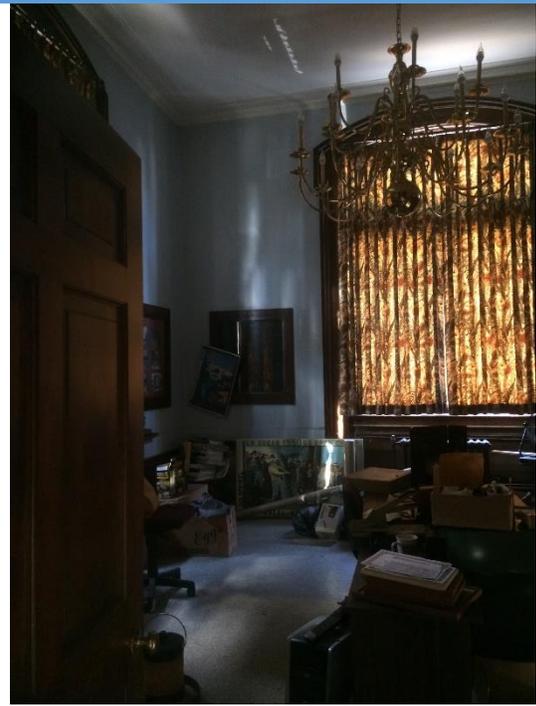
APPENDIX 2

Photographs

Limited Asbestos and Lead-Based Paint Inspection Report
FORMER FLORENCE POST OFFICE
Project Number – 2017-30
February 22, 2017



Front of building



1st floor left office



1st floor left storage

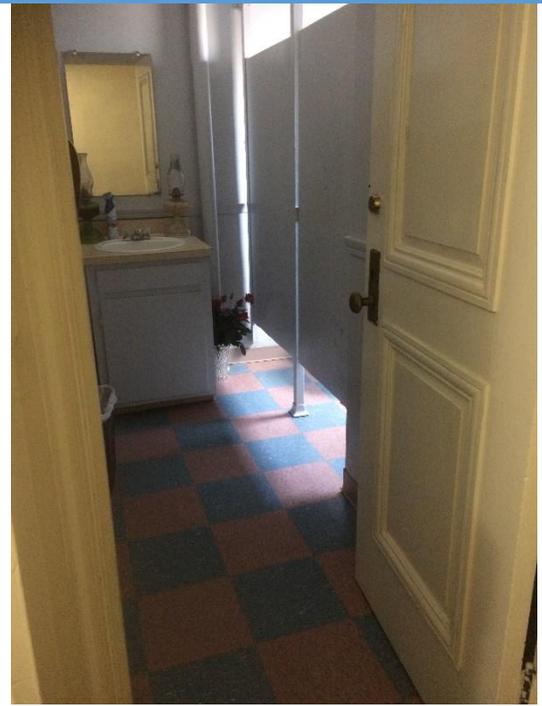


1st floor law offices

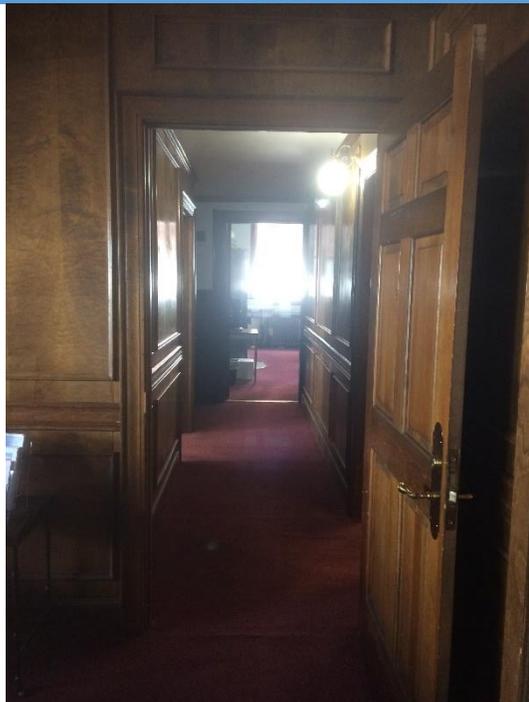
Limited Asbestos and Lead-Based Paint Inspection Report
FORMER FLORENCE POST OFFICE
Project Number – 2017-30
February 22, 2017



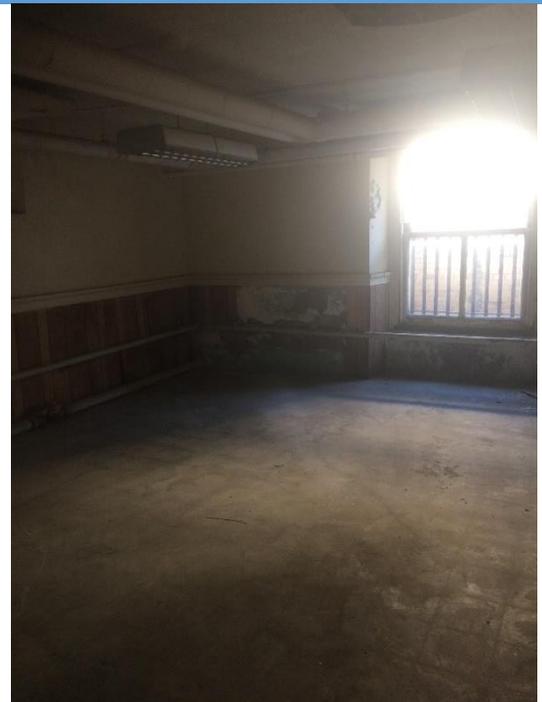
1st floor kitchen



1st floor rear bathroom



1st floor right rear offices



Basement front left office – pipe insulation in ceiling (multiple runs)

Limited Asbestos and Lead-Based Paint Inspection Report
FORMER FLORENCE POST OFFICE
Project Number – 2017-30
February 22, 2017



Basement – boiler room showing multiple runs of pipe insulation



Boiler showing asbestos containing insulation and multiple runs of pipe insulation



Basement mech room showing I9 and multiple runs of pipe insulation



Basement P.O. Storage showing multiple runs of pipe insulation to include the chilled water line

Limited Asbestos and Lead-Based Paint Inspection Report
FORMER FLORENCE POST OFFICE
Project Number – 2017-30
February 22, 2017



Basement – showing multiple runs of pipe insulation



I.O. Gallery (hidden access)



I.O. Gallery (hidden access)



2nd floor court room

Limited Asbestos and Lead-Based Paint Inspection Report
FORMER FLORENCE POST OFFICE
Project Number – 2017-30
February 22, 2017



2nd floor roof



2nd floor HVAC insulation (I9)



2nd floor hall



DM3 identified on HVAC duct above ceiling tile in 2nd and 3rd floor halls

Limited Asbestos and Lead-Based Paint Inspection Report
FORMER FLORENCE POST OFFICE
Project Number – 2017-30
February 22, 2017



Room in attic showing HVAC insulation (I9)



Attic mechanical equipment



I10 in attic (asbestos tar on pipe insulation)



Another view of I9 in attic

APPENDIX 3

Asbestos Laboratory Results



February 14, 2017

Asbestos Inspections LLC
4686 Peedee Hwy
Conway, SC 29527

CLIENT PROJECT: Former Florence Post Office
CEI LAB CODE: A17-2174

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on February 13, 2017. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

A handwritten signature in black ink, appearing to read "Tianbao Bai".

Tianbao Bai, Ph.D., CIH
Laboratory Director





ASBESTOS ANALYTICAL REPORT
By: Polarized Light Microscopy

Prepared for

Asbestos Inspections LLC

CLIENT PROJECT: Former Florence Post Office

CEI LAB CODE: A17-2174

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 02/14/17

TOTAL SAMPLES ANALYZED: 67

SAMPLES >1% ASBESTOS: 11

TEL: 866-481-1412

www.ceilabs.com



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Former Florence Post Office

CEI LAB CODE: A17-2174

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
P1-01		A2324605	White	Plaster Skim Coat	None Detected
P1-02	Layer 1	A2324606	White	Plaster Skim Coat	None Detected
	Layer 2	A2324606	Gray	Plaster Base Coat	None Detected
P1-03	Layer 1	A2324607	White	Plaster Skim Coat	None Detected
	Layer 2	A2324607	Gray	Plaster Base Coat	None Detected
P1-04	Layer 1	A2324608	White	Plaster Skim Coat	None Detected
	Layer 2	A2324608	Gray	Plaster Base Coat	None Detected
P1-05	Layer 1	A2324609	White	Plaster Skim Coat	None Detected
	Layer 2	A2324609	Gray	Plaster Base Coat	None Detected
P1-06	Layer 1	A2324610	White	Plaster Skim Coat	None Detected
	Layer 2	A2324610	Gray	Plaster Base Coat	None Detected
P1-07	Layer 1	A2324611	White	Plaster Skim Coat	None Detected
	Layer 2	A2324611	Gray	Plaster Base Coat	None Detected
P1-08	Layer 1	A2324612	White	Plaster Skim Coat	None Detected
	Layer 2	A2324612	Gray	Plaster Base Coat	None Detected
P1-09	Layer 1	A2324613	White	Plaster Skim Coat	None Detected
	Layer 2	A2324613	Gray	Plaster Base Coat	None Detected
DM1-01		A2324614	Tan	Duct Mastic	None Detected
DM1-02		A2324615	Tan	Duct Mastic	None Detected
DM1-03		A2324616		Sample Submitted for TEM Analysis	
DM2-01		A2324617	Black	Duct Mastic	Chrysotile 5%
DM2-02		A2324618		Sample Not Analyzed per COC	
DM2-03		A2324619		Sample Not Analyzed per COC	
DM3-01		A2324620	Black	Duct Mastic/wrap	Chrysotile 5%
DM3-02		A2324621		Sample Not Analyzed per COC	
DM3-03		A2324622		Sample Not Analyzed per COC	
F1-01		A2324623	Brown	Flooring	None Detected
F1-02		A2324624	Brown	Flooring	None Detected
F1-03		A2324625		Sample Submitted for TEM Analysis	
F2-01		A2324626	Black	Mastic	None Detected



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Former Florence Post Office

CEI LAB CODE: A17-2174

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
F2-02		A2324627	Black	Mastic	None Detected
F2-03		A2324628		Sample Submitted for TEM Analysis	
F3-01		A2324629A	White	Floor Tile	None Detected
		A2324629B	Yellow	Mastic	None Detected
		A2324629C	Black	Floor Tile	None Detected
		A2324629D	Yellow	Mastic	None Detected
F3-02		A2324630A	White	Floor Tile	None Detected
		A2324630B	Yellow	Mastic	None Detected
		A2324630C	Black	Floor Tile	None Detected
		A2324630D	Yellow	Mastic	None Detected
F3-03		A2324631		Sample Submitted for TEM Analysis	
F4-01		A2324632A	Blue	Floor Tile	None Detected
		A2324632B	Pink	Floor Tile	None Detected
		A2324632C	Tan	Mastic	None Detected
F4-02		A2324633A	Blue	Floor Tile	None Detected
		A2324633B	Pink	Floor Tile	None Detected
		A2324633C	Tan	Mastic	None Detected
F4-03		A2324634		Sample Submitted for TEM Analysis	
F5-01		A2324635	Brown	Flooring	None Detected
F5-02		A2324636	Brown	Flooring	None Detected
F5-03		A2324637		Sample Submitted for TEM Analysis	
VCB1-01		A2324638	Yellow	Covebase Mastic	None Detected
VCB1-02		A2324639	Yellow	Covebase Mastic	None Detected
VCB1-03		A2324640		Sample Submitted for TEM Analysis	
SR1-01	Layer 1	A2324641	White	Sheetrock	None Detected
	Layer 2	A2324641	White	Joint Compound	None Detected
SR1-02	Layer 1	A2324642	White	Sheetrock	None Detected



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Former Florence Post Office

CEI LAB CODE: A17-2174

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
	Layer 2	A2324642	White	Joint Compound	None Detected
SR1-03	Layer 1	A2324643	White	Sheetrock	None Detected
	Layer 2	A2324643	White	Joint Compound	None Detected
SR1-04	Layer 1	A2324644	White	Sheetrock	None Detected
	Layer 2	A2324644	White	Joint Compound	None Detected
SR1-05	Layer 1	A2324645	White	Sheetrock	None Detected
	Layer 2	A2324645	White	Joint Compound	None Detected
SR1-06	Layer 1	A2324646	White	Sheetrock	None Detected
	Layer 2	A2324646	White	Joint Compound	None Detected
SR1-07	Layer 1	A2324647	White	Sheetrock	None Detected
	Layer 2	A2324647	White	Joint Compound	None Detected
P2-01	Layer 1	A2324648	White	Plaster Skim Coat	None Detected
	Layer 2	A2324648	Gray	Plaster Base Coat	None Detected
P2-02	Layer 1	A2324649	White	Plaster Skim Coat	None Detected
	Layer 2	A2324649	Gray	Plaster Base Coat	None Detected
P2-03	Layer 1	A2324650	White	Plaster Skim Coat	None Detected
	Layer 2	A2324650	Gray	Plaster Base Coat	None Detected
TC1-01		A2324651	White	Textured Ceiling	None Detected
TC1-02		A2324652	White	Textured Ceiling	None Detected
TC1-03		A2324653	White	Textured Ceiling	None Detected
TC1-04		A2324654	White	Textured Ceiling	None Detected
TC1-05		A2324655	White	Textured Ceiling	None Detected
CT-01		A2324656	White,Off-white	Ceiling Tile	None Detected
CT-02		A2324657	White,Off-white	Ceiling Tile	None Detected
CT-03		A2324658	White,Off-white	Ceiling Tile	None Detected
M1-01		A2324659	Brown	Ceiling Tile Track Mastic	None Detected
M1-02		A2324660	Brown	Ceiling Tile Track Mastic	None Detected
M1-03		A2324661		Sample Submitted for TEM Analysis	
WT1-01		A2324662	White	Wall Texture	None Detected
WT1-02		A2324663	White	Wall Texture	None Detected



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Former Florence Post Office

CEI LAB CODE: A17-2174

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
WT1-03		A2324664	White	Wall Texture	None Detected
I1-01		A2324665	White,Off-white	Boiler Insulation	Chrysotile 50%
I1-02		A2324666		Sample Not Analyzed per COC	
I1-03		A2324667		Sample Not Analyzed per COC	
I2-01	Layer 1	A2324668	Gray	Pipe Insulation Wrap	None Detected
	Layer 2	A2324668	White	Pipe Insulation	Chrysotile 25%
I2-02		A2324669		Sample Not Analyzed per COC	
I2-03		A2324670		Sample Not Analyzed per COC	
I3-01		A2324671	Tan	Cloth Wrapped Insulation	None Detected
I3-02		A2324672	Tan	Cloth Wrapped Insulation	None Detected
I3-03		A2324673	Tan	Cloth Wrapped Insulation	None Detected
I4-01		A2324674	White	Water Tank Insulation	Chrysotile 35%
I4-02		A2324675		Sample Not Analyzed per COC	
I4-03		A2324676		Sample Not Analyzed per COC	
I5-01		A2324677	Brown	Cardboard Insulation	Chrysotile 5%
I5-02		A2324678		Sample Not Analyzed per COC	
I5-03		A2324679		Sample Not Analyzed per COC	
I6-01		A2324680	White	Furnace Board Insulation	Chrysotile 65%
I6-02		A2324681		Sample Not Analyzed per COC	
I6-03		A2324682		Sample Not Analyzed per COC	
I7-01		A2324683	Tan, Yellow	Cloth Wrapped Insulation	None Detected
I7-02		A2324684	Tan, Yellow	Cloth Wrapped Insulation	None Detected
I7-03		A2324685	Tan, Yellow	Cloth Wrapped Insulation	None Detected
I8-01	Layer 1	A2324686	Tan	Cloth Wrap	None Detected
	Layer 2	A2324686	Brown	Brown Paper	None Detected
	Layer 3	A2324686	Black	Black Paper	Chrysotile 25%
	Layer 4	A2324686	Brown	Brown Insulation	None Detected
I8-02		A2324687		Sample Not Analyzed per COC	
I8-03		A2324688		Sample Not Analyzed per COC	
I9-01		A2324689	White	HVAC Insulation	Chrysotile 10%
I9-02		A2324690		Sample Not Analyzed per COC	



Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Former Florence Post Office

CEI LAB CODE: A17-2174

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
I9-03		A2324691		Sample Not Analyzed per COC	
I10-01	Layer 1	A2324692	Black	Tar Wrap	Chrysotile 25%
	Layer 2	A2324692	Brown	Insulation	None Detected
I10-02		A2324693		Sample Not Analyzed per COC	
I10-03		A2324694		Sample Not Analyzed per COC	
RF1-01	Layer 1	A2324695	Silver	Roof Flashing Paint	Chrysotile 3%
	Layer 2	A2324695	Black	Roof Flashing Tar	None Detected
RF1-02		A2324696		Sample Not Analyzed per COC	
RF1-03		A2324697		Sample Not Analyzed per COC	
RF2-01	Layer 1	A2324698	White,Black	Shingle	None Detected
	Layer 2	A2324698	Black	Tar	None Detected
RF2-02	Layer 1	A2324699	White,Black	Shingle	None Detected
	Layer 2	A2324699	Black	Tar	None Detected
RF2-03		A2324700		Sample Submitted for TEM Analysis	
R-01		A2324701	Black	Roof Tar	None Detected
R-02		A2324702	Black	Roof Tar	None Detected
R-03		A2324703		Sample Submitted for TEM Analysis	



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Asbestos Inspections LLC
 4686 Peedee Hwy
 Conway, SC 29527

CEI Lab Code: A17-2174
Date Received: 02-13-17
Date Analyzed: 02-13-17
Date Reported: 02-14-17

Project: Former Florence Post Office

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
P1-01 A2324605	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	50%	Binder	
		Non-fibrous	45%	Calc Carb	
		Bound			
Lab Notes: No base coat present.					
P1-02 Layer 1 A2324606	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	50%	Binder	
		Non-fibrous	45%	Calc Carb	
		Bound			
Layer 2 A2324606	Plaster Base Coat	Heterogeneous	<1%	Cellulose	None Detected
		Gray	40%	Binder	
		Fibrous	60%	Silicates	
		Bound			
P1-03 Layer 1 A2324607	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	50%	Binder	
		Non-fibrous	45%	Calc Carb	
		Bound			
Layer 2 A2324607	Plaster Base Coat	Heterogeneous	<1%	Cellulose	None Detected
		Gray	40%	Binder	
		Fibrous	60%	Silicates	
		Bound			
P1-04 Layer 1 A2324608	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	50%	Binder	
		Non-fibrous	45%	Calc Carb	
		Bound			
Layer 2 A2324608	Plaster Base Coat	Heterogeneous	<1%	Cellulose	None Detected
		Gray	40%	Binder	
		Fibrous	60%	Silicates	
		Bound			



ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

Client: Asbestos Inspections LLC
 4686 Peedee Hwy
 Conway, SC 29527

CEI Lab Code: A17-2174
Date Received: 02-13-17
Date Analyzed: 02-13-17
Date Reported: 02-14-17

Project: Former Florence Post Office

ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
P1-05 Layer 1 A2324609	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	50%	Binder	
		Non-fibrous	45%	Calc Carb	
		Bound			
Layer 2 A2324609	Plaster Base Coat	Heterogeneous	50%	Binder	None Detected
		Gray	25%	Silicates	
		Non-fibrous	25%	Perlite	
		Bound			
P1-06 Layer 1 A2324610	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	50%	Binder	
		Non-fibrous	45%	Calc Carb	
		Bound			
Layer 2 A2324610	Plaster Base Coat	Heterogeneous	<1%	Cellulose	None Detected
		Gray	40%	Binder	
		Fibrous	60%	Silicates	
		Bound			
P1-07 Layer 1 A2324611	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	50%	Binder	
		Non-fibrous	45%	Calc Carb	
		Bound			
Layer 2 A2324611	Plaster Base Coat	Heterogeneous	<1%	Cellulose	None Detected
		Gray	40%	Binder	
		Fibrous	60%	Silicates	
		Bound			
P1-08 Layer 1 A2324612	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	50%	Binder	
		Non-fibrous	45%	Calc Carb	
		Bound			



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
Layer 2 A2324612	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Cellulose 40%	Binder 60%	None Detected
P1-09 Layer 1 A2324613	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound		5% 50% 45%	Paint Binder Calc Carb	None Detected
Layer 2 A2324613	Plaster Base Coat	Heterogeneous Gray Fibrous Bound	<1%	Cellulose 40%	Binder 60%	None Detected
DM1-01 A2324614	Duct Mastic	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
DM1-02 A2324615	Duct Mastic	Heterogeneous Tan Non-fibrous Bound		100%	Mastic	None Detected
DM1-03 A2324616	Sample Submitted for TEM Analysis					
DM2-01 A2324617	Duct Mastic	Heterogeneous Black Fibrous Bound		95%	Mastic	5% Chrysotile
DM2-02 A2324618	Sample Not Analyzed per COC					
DM2-03 A2324619	Sample Not Analyzed per COC					



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ASBESTOS BULK PLM, EPA 600 METHOD

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			Fibrous		Non-Fibrous		
DM3-01 A2324620	Duct Mastic/wrap	Heterogeneous Black Fibrous Bound	25%	Fiberglass	70%	Mastic	5% Chrysotile
DM3-02 A2324621	Sample Not Analyzed per COC						
DM3-03 A2324622	Sample Not Analyzed per COC						
F1-01 A2324623	Flooring	Heterogeneous Brown Fibrous Bound	25%	Cellulose	75%	Vinyl	None Detected
F1-02 A2324624	Flooring	Heterogeneous Brown Fibrous Bound	25%	Cellulose	75%	Vinyl	None Detected
F1-03 A2324625	Sample Submitted for TEM Analysis						
F2-01 A2324626	Mastic	Heterogeneous Black Non-fibrous Bound			95%	Mastic	None Detected
					5%	Silicates	
F2-02 A2324627	Mastic	Heterogeneous Black Non-fibrous Bound			95%	Mastic	None Detected
					5%	Silicates	
F2-03 A2324628	Sample Submitted for TEM Analysis						



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %		
			Fibrous	Non-Fibrous			
F3-01 A2324629A	Floor Tile	Heterogeneous	80%	Vinyl	None Detected		
		White Non-fibrous Bound	20%	Calc Carb			
A2324629B	Mastic	Heterogeneous Yellow Fibrous Bound	2%	Talc	98%	Mastic	None Detected
A2324629C	Floor Tile	Heterogeneous	80%	Vinyl	None Detected		
		Black Non-fibrous Bound	20%	Calc Carb			
A2324629D	Mastic	Heterogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected		
F3-02 A2324630A	Floor Tile	Heterogeneous	80%	Vinyl	None Detected		
		White Non-fibrous Bound	20%	Calc Carb			
A2324630B	Mastic	Heterogeneous Yellow Fibrous Bound	2%	Talc	98%	Mastic	None Detected
A2324630C	Floor Tile	Heterogeneous	80%	Vinyl	None Detected		
		Black Non-fibrous Bound	20%	Calc Carb			



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			Fibrous	Non-Fibrous	
A2324630D	Mastic	Heterogeneous Yellow Non-fibrous Bound	100%	Mastic	None Detected
F3-03 A2324631	Sample Submitted for TEM Analysis				
F4-01 A2324632A	Floor Tile	Heterogeneous Blue Non-fibrous Bound	75% 25%	Vinyl Calc Carb	None Detected
A2324632B	Floor Tile	Heterogeneous Pink Non-fibrous Bound	75% 25%	Vinyl Calc Carb	None Detected
A2324632C	Mastic	Heterogeneous Tan Non-fibrous Bound	100%	Mastic	None Detected
F4-02 A2324633A	Floor Tile	Heterogeneous Blue Non-fibrous Bound	75% 25%	Vinyl Calc Carb	None Detected
A2324633B	Floor Tile	Heterogeneous Pink Non-fibrous Bound	75% 25%	Vinyl Calc Carb	None Detected
A2324633C	Mastic	Heterogeneous Tan Non-fibrous Bound	100%	Mastic	None Detected



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			Fibrous	Non-Fibrous		
F4-03 A2324634	Sample Submitted for TEM Analysis					
F5-01 A2324635	Flooring	Heterogeneous Brown Fibrous Bound	20%	Cellulose	80% Vinyl	None Detected
F5-02 A2324636	Flooring	Heterogeneous Brown Fibrous Bound	20%	Cellulose	80% Vinyl	None Detected
F5-03 A2324637	Sample Submitted for TEM Analysis					
VCB1-01 A2324638	Covebase Mastic	Heterogeneous Yellow Non-fibrous Bound			100% Mastic <1% Paint	None Detected
VCB1-02 A2324639	Covebase Mastic	Heterogeneous Yellow Non-fibrous Bound			100% Mastic <1% Paint	None Detected
VCB1-03 A2324640	Sample Submitted for TEM Analysis					
SR1-01 Layer 1 A2324641	Sheetrock	Heterogeneous White Fibrous Bound	10%	Cellulose	90% Gypsum	None Detected
Layer 2 A2324641	Joint Compound	Heterogeneous White Non-fibrous Bound			5% Paint 40% Binder 55% Calc Carb	None Detected



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
SR1-02 Layer 1 A2324642	Sheetrock	Heterogeneous White Fibrous Bound	10%	Cellulose	90%	Gypsum	None Detected
	Layer 2 A2324642	Joint Compound Heterogeneous White Non-fibrous Bound			5%	Paint Binder Calc Carb	None Detected
SR1-03 Layer 1 A2324643	Sheetrock	Heterogeneous White Fibrous Bound	10%	Cellulose	90%	Gypsum	None Detected
	Layer 2 A2324643	Joint Compound Heterogeneous White Non-fibrous Bound			5%	Paint Binder Calc Carb	None Detected
SR1-04 Layer 1 A2324644	Sheetrock	Heterogeneous White Fibrous Bound	10%	Cellulose	90%	Gypsum	None Detected
	Layer 2 A2324644	Joint Compound Heterogeneous White Non-fibrous Bound			5%	Paint Binder Calc Carb	None Detected
SR1-05 Layer 1 A2324645	Sheetrock	Heterogeneous White Fibrous Bound	10%	Cellulose	90%	Gypsum	None Detected



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			Fibrous		Non-Fibrous	
Layer 2 A2324645	Joint Compound	Heterogeneous White Non-fibrous Bound	5%	Paint	40% Binder 55% Calc Carb	None Detected
SR1-06 Layer 1 A2324646	Sheetrock	Heterogeneous White Fibrous Bound	10%	Cellulose	90% Gypsum	None Detected
Layer 2 A2324646	Joint Compound	Heterogeneous White Non-fibrous Bound	5%	Paint	40% Binder 55% Calc Carb	None Detected
SR1-07 Layer 1 A2324647	Sheetrock	Heterogeneous White Fibrous Bound	10%	Cellulose	90% Gypsum	None Detected
Layer 2 A2324647	Joint Compound	Heterogeneous White Non-fibrous Bound	5%	Paint	40% Binder 55% Calc Carb	None Detected
P2-01 Layer 1 A2324648	Plaster Skim Coat	Heterogeneous White Non-fibrous Bound	5%	Paint	45% Binder 50% Calc Carb	None Detected
Layer 2 A2324648	Plaster Base Coat	Heterogeneous Gray Non-fibrous Bound	50%	Binder	25% Silicates 25% Perlite	None Detected



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			Fibrous	Non-Fibrous	
P2-02 Layer 1 A2324649	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	45%	Binder	
		Non-fibrous Bound	50%	Calc Carb	
Layer 2 A2324649	Plaster Base Coat	Heterogeneous	50%	Binder	None Detected
		Gray	25%	Silicates	
		Non-fibrous Bound	25%	Perlite	
P2-03 Layer 1 A2324650	Plaster Skim Coat	Heterogeneous	5%	Paint	None Detected
		White	45%	Binder	
		Non-fibrous Bound	50%	Calc Carb	
Layer 2 A2324650	Plaster Base Coat	Heterogeneous	50%	Binder	None Detected
		Gray	25%	Silicates	
		Non-fibrous Bound	25%	Perlite	
TC1-01 A2324651	Textured Ceiling	Heterogeneous	10%	Paint	None Detected
		White	75%	Binder	
		Non-fibrous Bound	15%	Vermiculite	
TC1-02 A2324652	Textured Ceiling	Heterogeneous	10%	Paint	None Detected
		White	75%	Binder	
		Non-fibrous Bound	15%	Vermiculite	
TC1-03 A2324653	Textured Ceiling	Heterogeneous	10%	Paint	None Detected
		White	75%	Binder	
		Non-fibrous Bound	15%	Vermiculite	



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ASBESTOS BULK PLM, EPA 600 METHOD

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			Fibrous		Non-Fibrous						
TC1-04 A2324654	Textured Ceiling	Heterogeneous White Non-fibrous Bound	10%	Paint	75%	Binder	15%	Vermiculite	None Detected		
TC1-05 A2324655	Textured Ceiling	Heterogeneous White Non-fibrous Bound	10%	Paint	75%	Binder	15%	Vermiculite	None Detected		
CT-01 A2324656	Ceiling Tile	Heterogeneous White, Off-white Fibrous Loosely Bound	35%	Cellulose	35%	Fiberglass	5%	Paint	25%	Perlite	None Detected
CT-02 A2324657	Ceiling Tile	Heterogeneous White, Off-white Fibrous Loosely Bound	35%	Cellulose	35%	Fiberglass	5%	Paint	25%	Perlite	None Detected
CT-03 A2324658	Ceiling Tile	Heterogeneous White, Off-white Fibrous Loosely Bound	35%	Cellulose	35%	Fiberglass	5%	Paint	25%	Perlite	None Detected
M1-01 A2324659	Ceiling Tile Track Mastic	Heterogeneous Brown Fibrous Bound	2%	Talc	98%	Mastic				None Detected	
M1-02 A2324660	Ceiling Tile Track Mastic	Heterogeneous Brown Fibrous Bound	2%	Talc	98%	Mastic				None Detected	
M1-03 A2324661	Sample Submitted for TEM Analysis										



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ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %		
			Fibrous		Non-Fibrous				
WT1-01 A2324662	Wall Texture	Heterogeneous White Non-fibrous Bound	20%	Paint	45%	Binder	35%	Silicates	None Detected
WT1-02 A2324663	Wall Texture	Heterogeneous White Non-fibrous Bound	20%	Paint	45%	Binder	35%	Silicates	None Detected
WT1-03 A2324664	Wall Texture	Heterogeneous White Non-fibrous Bound	20%	Paint	45%	Binder	35%	Silicates	None Detected
I1-01 A2324665	Boiler Insulation	Heterogeneous White, Off-white Fibrous Loosely Bound	5%	Paint	45%	Binder			50% Chrysotile
I1-02 A2324666	Sample Not Analyzed per COC								
I1-03 A2324667	Sample Not Analyzed per COC								
I2-01 Layer 1 A2324668	Pipe Insulation Wrap	Heterogeneous Gray Fibrous Bound	85%	Cellulose	5%	Paint	10%	Binder	None Detected
I2-01 Layer 2 A2324668	Pipe Insulation	Heterogeneous White Fibrous Loosely Bound	60%	Calc Carb	15%	Binder			25% Chrysotile
I2-02 A2324669	Sample Not Analyzed per COC								



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			Fibrous		Non-Fibrous		
I2-03 A2324670	Sample Not Analyzed per COC						
I3-01 A2324671	Cloth Wrapped Insulation	Heterogeneous Tan Fibrous Loosely Bound	10% 75%	Cellulose Fiberglass	5% 10%	Paint Binder	None Detected
I3-02 A2324672	Cloth Wrapped Insulation	Heterogeneous Tan Fibrous Loosely Bound	10% 75%	Cellulose Fiberglass	5% 10%	Paint Binder	None Detected
I3-03 A2324673	Cloth Wrapped Insulation	Heterogeneous Tan Fibrous Loosely Bound	10% 75%	Cellulose Fiberglass	5% 10%	Paint Binder	None Detected
I4-01 A2324674	Water Tank Insulation	Heterogeneous White Fibrous Loosely Bound			5% 60%	Paint Binder	35% Chrysotile
I4-02 A2324675	Sample Not Analyzed per COC						
I4-03 A2324676	Sample Not Analyzed per COC						
I5-01 A2324677	Cardboard Insulation	Heterogeneous Brown Fibrous Loosely Bound	85%	Cellulose	10%	Binder	5% Chrysotile
I5-02 A2324678	Sample Not Analyzed per COC						
I5-03 A2324679	Sample Not Analyzed per COC						



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			Fibrous	Non-Fibrous		
16-01 A2324680	Furnace Board Insulation	Heterogeneous White Fibrous Loosely Bound	35%	Binder		65% Chrysotile
16-02 A2324681	Sample Not Analyzed per COC					
16-03 A2324682	Sample Not Analyzed per COC					
17-01 A2324683	Cloth Wrapped Insulation	Heterogeneous Tan, Yellow Fibrous Loose	80% 15%	Cellulose Fiberglass	5% Binder	None Detected
17-02 A2324684	Cloth Wrapped Insulation	Heterogeneous Tan, Yellow Fibrous Loose	80% 15%	Cellulose Fiberglass	5% Binder	None Detected
17-03 A2324685	Cloth Wrapped Insulation	Heterogeneous Tan, Yellow Fibrous Loose	80% 15%	Cellulose Fiberglass	5% Binder	None Detected
18-01 Layer 1 A2324686	Cloth Wrap	Heterogeneous Tan Fibrous Loose	95%	Cellulose	5% Paint	None Detected
Layer 2 A2324686	Brown Paper	Heterogeneous Brown Fibrous Loosely Bound	100%	Cellulose		None Detected



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			Fibrous		Non-Fibrous		
Layer 3 A2324686	Black Paper	Heterogeneous Black Fibrous Loosely Bound	35%	Cellulose	40%	Tar	25% Chrysotile
Layer 4 A2324686	Brown Insulation	Heterogeneous Brown Fibrous Loosely Bound	90%	Fiberglass	10%	Binder	None Detected
I8-02 A2324687	Sample Not Analyzed per COC						
I8-03 A2324688	Sample Not Analyzed per COC						
I9-01 A2324689	HVAC Insulation	Heterogeneous White Fibrous Loosely Bound	15%	Fiberglass	75%	Binder	10% Chrysotile
I9-02 A2324690	Sample Not Analyzed per COC						
I9-03 A2324691	Sample Not Analyzed per COC						
I10-01 Layer 1 A2324692	Tar Wrap	Heterogeneous Black Fibrous Loosely Bound	35%	Cellulose	40%	Tar	25% Chrysotile
Layer 2 A2324692	Insulation	Heterogeneous Brown Fibrous Loosely Bound	90%	Fiberglass	10%	Binder	None Detected
I10-02 A2324693	Sample Not Analyzed per COC						



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			Fibrous		Non-Fibrous		
I10-03 A2324694	Sample Not Analyzed per COC						
RF1-01 Layer 1 A2324695	Roof Flashing Paint	Heterogeneous Silver Fibrous Bound			97%	Paint	3% Chrysotile
Layer 2 A2324695	Roof Flashing Tar	Homogeneous Black Non-fibrous Bound			100%	Tar	None Detected
RF1-02 A2324696	Sample Not Analyzed per COC						
RF1-03 A2324697	Sample Not Analyzed per COC						
RF2-01 Layer 1 A2324698	Shingle	Heterogeneous White,Black Fibrous Bound	35%	Cellulose	45%	Tar Silicates	None Detected
Layer 2 A2324698	Tar	Heterogeneous Black Fibrous Bound	30%	Cellulose	70%	Tar	None Detected
RF2-02 Layer 1 A2324699	Shingle	Heterogeneous White,Black Fibrous Bound	35%	Cellulose	45%	Tar Silicates	None Detected
Layer 2 A2324699	Tar	Heterogeneous Black Fibrous Bound	30%	Cellulose	70%	Tar	None Detected



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			Fibrous	Non-Fibrous	
RF2-03 A2324700	Sample Submitted for TEM Analysis				
R-01 A2324701	Roof Tar	Heterogeneous Black Non-fibrous Bound	75% 25%	Tar Gravel	None Detected
R-02 A2324702	Roof Tar	Heterogeneous Black Non-fibrous Bound	75% 25%	Tar Gravel	None Detected
R-03 A2324703	Sample Submitted for TEM Analysis				



LEGEND: Non-Anth = Non-Asbestiform Anthophyllite
Non-Trem = Non-Asbestiform Tremolite
Calc Carb = Calcium Carbonate

METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORTING LIMIT: <1% by visual estimation

REGULATORY LIMIT: >1% by weight

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. Estimated measurement of uncertainty is available on request.

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ANALYST: 
Greg Ruff

APPROVED BY: 
Tianbao Bai, Ph.D., CIH
Laboratory Director





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ASBESTOS CHAIN OF CUSTODY

99 A17-2174
 A2324605-
 42324703

LAB USE ONLY:
CEI Lab Code:
CEI Lab I.D. Range:

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: Dawn Schoolcraft
Company: Asbestos Inspections, LLC	Email / Tel: dschoolcraft1978@gmail.com
Address: 4686 Pee Dee Hwy., Conway, SC 29527	Project Name: Former Florence Post Office
	Project ID#:
Email: dschoolcraft1978@gmail.com	PO #:
Tel: 843-995-5197 Fax:	STATE SAMPLES COLLECTED IN: SC

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-13	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS: Positive stop. Please analyze TEM following negative PLM. Analyze NOBs via TEM.			<input checked="" type="checkbox"/> Accept Samples <input type="checkbox"/> Reject Samples
Relinquished By:	Date/Time	Received By:	Date/Time
Dawn Schoolcraft	2/12/17 - 15:50	AA	2/13/17 9:00

Samples will be disposed of 30 days after analysis

Page 1 of 3

ASBESTOS SAMPLING FORM

A17. 2174



COMPANY CONTACT INFORMATION	
Company: Asbestos Inspections, LLC	Job Contact: Dawn Schoolcraft
Project Name: Former Florence Post Office	
Project ID #:	Tel: 843-995-5197

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
			PLM	TEM
P1 (01-09)	Plaster Skim Coat/Base Coat		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM1-01	Tan Duct Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM1-02	Tan Duct Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM1-03	Tan Duct Mastic Only		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
DM2-01	Duct Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM2-02	Duct Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM2-03	Duct Mastic Only		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
DM3-01	Black Duct Mastic/Wrap		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM3-02	Black Duct Mastic/Wrap		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM3-03	Black Duct Mastic/Wrap		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F1-01	Flooring		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F1-02	Flooring		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F1-03	Flooring		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F2-01	Black Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F2-02	Black Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F2-03	Black Mastic		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F3-01	White Flor Tile/Black Floor Tile		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F3-02	White Flor Tile/Black Floor Tile		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F3-03	White Flor Tile/Black Floor Tile		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F4-01	Blue Floor Tile/Pink Floor Tile/Tan Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F4-02	Blue Floor Tile/Pink Floor Tile/Tan Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F4-03	Blue Floor Tile/Pink Floor Tile/Tan Mastic		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F5-01	Brown Flooring		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F5-02	Brown Flooring		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F5-03	Brown Flooring		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
VCB1-01	Vinyl Cove Base Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
VCB1-02	Vinyl Cove Base Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
VCB1-03	Vinyl Cove Base Mastic Only		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>

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A17.2174

ASBESTOS SAMPLING FORM



COMPANY CONTACT INFORMATION	
Company: Asbestos Inspections, LLC	Job Contact: Dawn Schoolcraft
Project Name: Former Florence Post Office	
Project ID #:	Tel: 843-995-5197

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
			PLM	TEM
SR1 (01-07)	Sheetrock/Joint Compound		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
P2 (01-03)	Plaster Skim Coat/Base Coat		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
TC1 (01-05)	Texture Ceiling		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
CT1 (01-03)	Ceiling Tile		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
M1-01	Ceiling Tile Track Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
M1-02	Ceiling Tile Track Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
M1-03	Ceiling Tile Track Mastic		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
WT1 (01-03)	Wall Texture		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I1 (01-03)	Boiler Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I2 (01-03)	Pipe Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I3 (01-03)	Cloth Wrapped Fiberglass Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I4 (01-03)	Water Tank Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I5 (01-03)	Cardboard Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I6 (01-03)	Furnace Board Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I7 (01-03)	Cloth Wrapped Fiberglass Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I8 (01-03)	Cloth Wrap/Brown Paper/Black Paper/ Brown Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I9 (01-03)	HVAC Insulation - 2nd Floor		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I10 (01-03)	Tar Wrap/Brown Insulation Attic		PLM <input checked="" type="checkbox"/>	TEM <input checked="" type="checkbox"/>
RF1-01	Roof Flashing - Painted Silver		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
RF1-02	Roof Flashing - Painted Silver		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
RF1-03	Roof Flashing - Painted Silver		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
RF2-01	Shingle Roll/Tar		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
RF2-02	Shingle Roll/Tar		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
RF2-03	Shingle Roll/Tar		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
R-01	Roof Tar		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
R-02	Roof Tar		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
R-03	Roof Tar		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>

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February 17, 2017

Asbestos Inspections LLC
4686 Peedee Hwy
Conway, SC 29527

CLIENT PROJECT: Former Florence Post Office
CEI LAB CODE: T17-0289

Dear Customer:

Enclosed are asbestos analysis results for TEM bulk samples received at our laboratory on February 14, 2017. The samples were analyzed for asbestos using transmission electron microscopy (TEM) per Chatfield Method.

Sample results containing > 1% asbestos are considered asbestos-containing materials (ACMs) per the EPA regulatory requirements. The detection limit for the TEM Chatfield method is <1% depending on the processed weight and constituents of the sample.

Thank you for your business and we look forward to continuing good relations. If you have any questions, please feel free to call our office at 919-481-1413.

Kind Regards,

A handwritten signature in black ink, appearing to read 'Tianbao Bai', is written in a cursive style.

Tianbao Bai, Ph.D., CIH
Laboratory Director



ASBESTOS ANALYTICAL REPORT
By: Transmission Electron Microscopy

Prepared for

Asbestos Inspections LLC

CLIENT PROJECT: Former Florence Post Office

CEI LAB CODE: T17-0289

TEST METHOD: Bulk Chatfield
EPA 600 / R93 / 116

REPORT DATE: 02/17/17

TEL: 866-481-1412

www.ceilabs.com



ASBESTOS BULK ANALYSIS

By: TRANSMISSION ELECTRON MICROSCOPY

Client: Asbestos Inspections LLC
4686 Peedee Hwy
Conway, SC 29527

CEI Lab Code: T17-0289
Date Received: 02-14-17
Date Analyzed: 02-17-17
Date Reported: 02-17-17

Project: Former Florence Post Office

TEM BULK CHATFIELD / EPA 600 / R93 / 116

Client ID Lab ID	Material Description	Sample Weight (g)	Organic Material %	Acid Soluble Material %	Acid Insoluble Material %	Asbestos %
DM1-03 T58643	Tan Duct Mastic	0.301	33.6	61.5	4.9	None Detected
F1-03 T58644	Brown Flooring	0.371	83.3	6.5	10.2	None Detected
F2-03 T58645	Black Mastic	0.213	69.5	9.4	21.1	None Detected
F3-03 T58646	White Floor Tile	0.397	28.2	54.9	16.9	None Detected
F3-03 T58647	Yellow Mastic	0.13	62.3	30	7.7	None Detected
F3-03 T58648	Black Floor Tile	0.191	31.9	51.8	16.3	None Detected
F3-03 T58649	Yellow Mastic	0.117	65.8	27.4	6.8	None Detected
F4-03 T58650	Blue Floor Tile	0.502	15.5	83.1	1.4	None Detected
F4-03 T58651	Pink Floor Tile	0.3	15.7	76.7	7.6	None Detected
F4-03 T58652	Tan Mastic	0.124	70.2	3.2	26.6	None Detected
F5-03 T58653	Brown Flooring	0.265	75.5	22.3	2.2	None Detected
VCB1-03 T58654	Yellow Covebase Mastic	0.236	38.1	39.8	22.1	None Detected



ASBESTOS BULK ANALYSIS

By: TRANSMISSION ELECTRON MICROSCOPY

Client: Asbestos Inspections LLC
4686 Peedee Hwy
Conway, SC 29527

CEI Lab Code: T17-0289
Date Received: 02-14-17
Date Analyzed: 02-17-17
Date Reported: 02-17-17

Project: Former Florence Post Office

TEM BULK CHATFIELD / EPA 600 / R93 / 116

Client ID Lab ID	Material Description	Sample Weight (g)	Organic Material %	Acid Soluble Material %	Acid Insoluble Material %	Asbestos %
M1-03 T58655	Brown Ceiling Tile Track Mastic	0.289	54.7	1.7	43.6	None Detected
RF2-03 T58656	White, Black Shingle	0.404	53.7	28	18.3	None Detected
RF2-03 T58657	Black Tar	0.551	71.7	9.1	19.2	None Detected
R-03 T58658	Black Roof Tar	0.881	31.3	.3	68.4	None Detected



LEGEND: None

METHOD: CHATFIELD & EPA/600/R-93/116

LIMIT OF DETECTION: Varies with the weight and constituents of the sample (<1%)

REGULATORY LIMIT: >1% by weight

This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by CEI Labs, Inc. CEI Labs makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Estimated measurement of uncertainty is available on request. Samples were received in acceptable condition unless otherwise noted.

ANALYST:


Jennifer Turner

APPROVED BY:


Tianbao Bai, Ph.D., CIH
Laboratory Director



730 SE Maynard Road, Cary, NC 27511
 Tel: 866-481-1412; Fax: 919-481-1442

①⑥ T17-0289
 T58643 -
 T58658

ASBESTOS CHAIN OF CUSTODY

⑨⑨ A17-2174
 A2324605
 A2324703

LAB USE ONLY:
CEI Lab Code:
CEI Lab I.D. Range:

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #:	Job Contact: Dawn Schoolcraft
Company: Asbestos Inspections, LLC	Email / Tel: dschoolcraft1978@gmail.com
Address: 4686 Pee Dee Hwy., Conway, SC 29527	Project Name: Former Florence Post Office
	Project ID#:
Email: dschoolcraft1978@gmail.com	PO #:
Tel: 843-995-5197 Fax:	STATE SAMPLES COLLECTED IN: SC

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	24 HR	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-13	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

REMARKS / SPECIAL INSTRUCTIONS: Positive stop. Please analyze TEM following negative PLM. Analyze NOBs via TEM.		<input checked="" type="checkbox"/> Accept Samples
		<input type="checkbox"/> Reject Samples
Relinquished By:	Date/Time	Received By:
Dawn Schoolcraft	2/12/17 - 15:50	AA 2/13/17 9:00
Greg Ruff	2/14/17 3:00	

Samples will be disposed of 30 days after analysis

T17-0289

A17.2174

ASBESTOS SAMPLING FORM



COMPANY CONTACT INFORMATION	
Company: Asbestos Inspections, LLC	Job Contact: Dawn Schoolcraft
Project Name: Former Florence Post Office	
Project ID #:	Tel: 843-995-5197

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
			PLM	TEM
P1 (01-09)	Plaster Skim Coat/Base Coat		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM1-01	Tan Duct Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM1-02	Tan Duct Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM1-03	Tan Duct Mastic Only		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
DM2-01	Duct Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM2-02	Duct Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM2-03	Duct Mastic Only		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
DM3-01	Black Duct Mastic/Wrap		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM3-02	Black Duct Mastic/Wrap		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
DM3-03	Black Duct Mastic/Wrap		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F1-01	Flooring		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F1-02	Flooring		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F1-03	Flooring		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F2-01	Black Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F2-02	Black Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F2-03	Black Mastic		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F3-01	White Flor Tile/Black Floor Tile		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F3-02	White Flor Tile/Black Floor Tile		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F3-03	White Flor Tile/Black Floor Tile		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F4-01	Blue Floor Tile/Pink Floor Tile/Tan Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F4-02	Blue Floor Tile/Pink Floor Tile/Tan Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F4-03	Blue Floor Tile/Pink Floor Tile/Tan Mastic		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
F5-01	Brown Flooring		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F5-02	Brown Flooring		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
F5-03	Brown Flooring		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
VCB1-01	Vinyl Cove Base Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
VCB1-02	Vinyl Cove Base Mastic Only		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
VCB1-03	Vinyl Cove Base Mastic Only		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>

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T17-0289

ASBESTOS SAMPLING FORM

A17-2174



COMPANY CONTACT INFORMATION

Company: Asbestos Inspections, LLC	Job Contact: Dawn Schoolcraft
Project Name: Former Florence Post Office	
Project ID #:	Tel: 843-995-5197

SAMPLE ID#	DESCRIPTION / LOCATION	VOLUME/ AREA	TEST	
			PLM	TEM
SR1 (01-07)	Sheetrock/Joint Compound		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
P2 (01-03)	Plaster Skim Coat/Base Coat		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
TC1 (01-05)	Texture Ceiling		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
CT1 (01-03)	Ceiling Tile		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
M1-01	Ceiling Tile Track Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
M1-02	Ceiling Tile Track Mastic		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
M1-03	Ceiling Tile Track Mastic		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
WT1 (01-03)	Wall Texture		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I1 (01-03)	Boiler Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I2 (01-03)	Pipe Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I3 (01-03)	Cloth Wrapped Fiberglass Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I4 (01-03)	Water Tank Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I5 (01-03)	Cardboard Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I6 (01-03)	Furnace Board Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I7 (01-03)	Cloth Wrapped Fiberglass Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I8 (01-03)	Cloth Wrap/Brown Paper/Black Paper/ Brown Insulation		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I9 (01-03)	HVAC Insulation - 2nd Floor		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
I10 (01-03)	Tar Wrap/Brown Insulation Attic		PLM <input checked="" type="checkbox"/>	TEM <input checked="" type="checkbox"/>
RF1-01	Roof Flashing - Painted Silver		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
RF1-02	Roof Flashing - Painted Silver		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
RF1-03	Roof Flashing - Painted Silver		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
RF2-01	Shingle Roll/Tar		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
RF2-02	Shingle Roll/Tar		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
RF2-03	Shingle Roll/Tar		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>
R-01	Roof Tar		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
R-02	Roof Tar		PLM <input checked="" type="checkbox"/>	TEM <input type="checkbox"/>
R-03	Roof Tar		PLM <input type="checkbox"/>	TEM <input checked="" type="checkbox"/>

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APPENDIX 4

Lead-Based Paint Laboratory Results

**EMSL Analytical, Inc.**

376 Crompton Street, Charlotte, NC 28273

Phone/Fax: (704) 525-2205 / (704) 525-2382

<http://www.EMSL.com>charlottelab@emsl.com

EMSL Order: 411701194

CustomerID: AISC42

CustomerPO:

ProjectID:

Attn: **Dawn Schoolcraft**
Asbestos Inspections, LLC
4686 Pee Dee Hwy.
Conway, SC 29527

Phone: (843) 397-7008
 Fax:
 Received: 02/15/17 10:15 AM
 Collected: 2/10/2017

Project: **Former Florence Post Office****Test Report: Lead in Paint Chips by Flame AAS (SW 846 3050B/7000B)***

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Area</i>	<i>Samp Wt</i>	<i>Lead Concentration</i>
P-01 Site: Blue Plaster Wall	411701194-0001	2/10/2017	2/16/2017	19.4 cm ²	2.0049 g	24 mg/cm ²
P-02 Site: Tan Plaster Wall	411701194-0002	2/10/2017	2/16/2017	19.4 cm ²	1.3284 g	1.7 mg/cm ²
P-03 Site: Wood Trim Green/ Gray	411701194-0003	2/10/2017	2/16/2017	12.9 cm ²	0.7816 g	0.17 mg/cm ²
P-04 Site: Green Plaster Wall	411701194-0004	2/10/2017	2/16/2017	32.3 cm ²	1.5022 g	1.0 mg/cm ²
P-05 Site: Red Brick	411701194-0005	2/10/2017	2/16/2017	32.3 cm ²	2.1551 g	1.5 mg/cm ²
P-06 Site: Tan Brick	411701194-0006	2/10/2017	2/16/2017	19.4 cm ²	1.1311 g	0.041 mg/cm ²
P-07 Site: Beige Plaster Wall	411701194-0007	2/10/2017	2/16/2017	19.4 cm ²	1.4994 g	2.8 mg/cm ²
P-08 Site: Green/ Gray Metal Door	411701194-0008	2/10/2017	2/16/2017	19.4 cm ²	1.3225 g	0.60 mg/cm ²
P-09 Site: Beige Plaster Wall	411701194-0009	2/10/2017	2/16/2017	25.8 cm ²	0.7212 g	0.036 mg/cm ²
P-10 Site: White Wood Window Sill	411701194-0010	2/10/2017	2/16/2017	12.9 cm ²	0.3893 g	0.094 mg/cm ²
P-11 Site: White Plaster Wall	411701194-0011	2/10/2017	2/16/2017	6.45 cm ²	0.2137 g	0.026 mg/cm ²
P-12 Site: Black Plaster Wall	411701194-0012	2/10/2017	2/16/2017	12.9 cm ²	1.3127 g	0.15 mg/cm ²

Kyle Collins, Technical Manager
 or other approved signatory

*Analysis following Lead in Paint by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 0.010 % wt based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.

Samples analyzed by EMSL Analytical, Inc. Charlotte, NC AIHA-LAP, LLC - ELLAP 192283

Initial report from 02/16/2017 14:38:56



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Lead (Pb) Chain of Custody

EMSL Order ID (Lab Use Only):

411701194

EMSL ANALYTICAL, INC.
376 CROMPTON ST
UNIT 71
CHARLOTTTE, NC 28273
704-525-2205

Company : Asbestos Inspections. LLC		EMSL-Bill to: <input type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**		
Street: 4686 Pee Dee Hwy.		Third Party Billing requires written authorization from third party		
City: Conway	State/Province: SC	Zip/Postal Code: 29527	Country: USA	
Report To (Name): Dawn Schoolcraft		Fax #:		
Telephone #: 843-995-5197		Email Address: dschoolcraft1978@gmail.com		
Project Name/Number: <i>Former Florence Post Office</i>				
Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email		Purchase Order:	U.S. State Samples Taken: SC	
Turnaround Time (TAT) Options* - Please Check				
<input type="checkbox"/> 3 Hours	<input type="checkbox"/> 6 Hours	<input type="checkbox"/> 24 Hours	<input type="checkbox"/> 48 Hours	
<input checked="" type="checkbox"/> 3 Days	<input type="checkbox"/> 4 Days	<input type="checkbox"/> 5 Days	<input type="checkbox"/> 10 Days	
<small>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Price Guide</small>				
Matrix	Method	Instrument	Reporting Limit	Check
Chips <input checked="" type="checkbox"/> mg/cm ² <input type="checkbox"/> % by wt.	SW846-7000B/7420 or AOAC 974.02	Flame Atomic Absorption	0.01%	<input checked="" type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4 µg/filter	<input type="checkbox"/>
Air	NIOSH 7105	Graphite Furnace AA	0.03 µg/filter	<input type="checkbox"/>
	NIOSH 7300 modified	ICP-AES	0.5 µg/filter	<input type="checkbox"/>
Wipe* <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <small>*if no box is checked, non-ASTM Wipe is assumed</small>	SW846-7000B/7420	Flame Atomic Absorption	10 µg/wipe	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	0.5 µg/wipe	<input type="checkbox"/>
TCLP	SW846-1311/7420/SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW846-7420	Flame Atomic Absorption	40 mg/kg (ppm)	<input type="checkbox"/>
	SW846-7421	Graphite Furnace AA	0.3 mg/kg (ppm)	<input type="checkbox"/>
	SW86-6010B or C	ICP-AES	1 mg/kg (ppm)	<input type="checkbox"/>
Wastewater	SM3111B or SW846-7000B/7420	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
	SW846-6010B or C	ICP-AES	1 mg/kg (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.9	Graphite Furnace AA	0.003 mg/L (ppm)	<input type="checkbox"/>
Other:		Preservation Method (Water):		
Name of Sampler: <i>Dawn Schoolcraft</i>		Signature of Sampler: <i>Dawn Selt</i>		
Sample #	Location	Volume/Area	Date/Time Sampled	
P-01	<i>Blue Plaster wall</i>	<i>3m²</i>	<i>2/10/17</i>	
P-02	<i>Tan Plaster wall</i>	<i>3m²</i>		
P-03	<i>Wood Trim Green/Gray</i>	<i>2m²</i>		
P-04	<i>Green Plaster Wall</i>	<i>5m²</i>		
P-05	<i>Red brick</i>	<i>5m²</i>		
P-06	<i>Tan brick</i>	<i>3m²</i>		
Client Sample #'s: <i>P-01 - P-12</i>		Total # of Samples: <i>12</i>		
Relinquished (Client): <i>Dawn Selt</i>	Date: <i>2/12/17</i>	Time:		
Received (Lab): <i>Kyle Nls</i>	Date: <i>2/15/17</i>	Time: <i>10:15am</i>	<i>EMSL FL</i>	
Comments:				
<i>7952 4713 7356</i>				

