

Kingsport Farmers Market Renovation

May 23, 2023

ADDENDUM 5

The Bid Documents dated March 22, 2023 are amended as follows:

CLARIFICATION

- 1.) Lead paint has been discovered as a part of testing. Bidders will need to plan for abatement and hazardous waste disposal for the paint on the girders and steel beams. See attached S&ME report.
- 2.) Site visit for bidders with abatement contractors is scheduled for 6/6/23 at 1:00PM.
- 3.) Bid opening is moved to 6/15/23 at 4:00 PM at the same location as shown on the invitation to bid.

END OF ADDENDUM 5



Limited Lead Paint Assessment
Kingsport Farmers Market Pavilion
City of Kingsport
Kingsport, Tennessee
S&ME Project No. 23400032

PREPARED FOR:
City of Kingsport
130 Shelby Street
Kingsport, Tennessee 37660

PREPARED BY:
S&ME, Inc.
268 Christian Church Road, Suite 1
Johnson City, TN 37615

May 17, 2023



May 17, 2023

City of Kingsport
130 Shelby Street
Kingsport, Tennessee 37660

Attention: Mr. Hank Clabaugh, P.E.

Reference: **Limited Lead Paint Assessment**
City of Kingsport
Farmers Market Pavilion
Kingsport, Tennessee
S&ME Project No. 22400032

Dear Mr. Clabaugh:

S&ME, Inc. (S&ME) is pleased to submit this report of professional services for the limited lead paint assessment at the Farmers Market located at 308 Clinchfield Street, Kingsport, Tennessee. The pre-renovation assessment services were conducted as outlined in S&ME Project No. 22400032, Phase 021, Work Authorization dated April 24, 2023, and the City of Kingsport On-call Services Contract blanket order number 113468 dated March 31, 2022. S&ME appreciates the opportunity to work with you on this project and we look forward to our continued association. Please contact us at 423-612-3043 if you have questions concerning this report.

Sincerely,

S&ME, Inc.

A handwritten signature in blue ink that reads "Amy L. Charles".

Amy L. Charles
Lead Paint Inspector TNLBP2021-3437-82991

A handwritten signature in blue ink that reads "Carol Goldinger Ford".

Carol Goldinger Ford
Senior Project Manager

Senior Reviewed by James R. Bruce



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◆ Executive Summary

A limited lead paint assessment was conducted by S&ME, Inc. (S&ME) on April 27, 2023, at the City of Kingsport Farmers Market which is located 308 Clinchfield Street in Kingsport, Tennessee. The purpose of the assessment is to quantify the concentration of lead in the assumed lead-based painted interior white painted surfaces prior to the renovation of selected areas of the subject structure.

The assessment included areas within the pavilion planned for renovation as detailed in Holston Engineering drawings ME-01 and ME-02 dated March 22, 2023. The green roll up doors and remaining exterior finishes of the building were not included in the assessment.

The results of the lead paint assessment indicated the following:

- Lead-based paint was detected in the white paint found on the metal steel I-beams and roof trusses at a concentration of 11,000 milligrams per kilogram (mg/kg). This paint sample also exceeded the corresponding five milligrams per liter (mg/l) regulatory hazardous threshold indicating this material may require hazardous disposal options if removed as a waste.
- The white paint on the brick walls, metal conduit, and wood ceiling did not contain detectable levels of lead in paint at a concentration above 5,000 mg/kg (indicating lead-based paint).



1.0 Background

The City of Kingsport retained S&ME, Inc. (S&ME) to conduct a limited lead paint assessment at the Farmers Market Pavilion located at 308 Clinchfield Street in Kingsport, Tennessee. The assessment was performed by Ms. Amy L. Charles of S&ME on April 27, 2023. The assessment was performed in general accordance with S&ME Project No. 22400032, Phase 021, Work Authorization dated April 24, 2023, and the City of Kingsport On-call Services Contract blanket order number 113468 dated March 31, 2022. The service was performed at the request of Mr. Joe Riggs (Holston Engineering) to Ms. Carol Ford (S&ME) by telephone conversation followed up with electronic mail on April 20, 2023, and requested by Mr. Hank Clabaugh via email. Holston Engineering provided drawings outlining the proposed areas of renovation within the Farmers Market Pavilion.

2.0 Limited Paint Assessment

2.1 Scope of Services

S&ME evaluated the selected areas of the Farmers Market Pavilion and collected paint chip samples from painted surfaces suspected to contain lead and within the scope of the renovation plans. White paint coatings on surfaces (metal, brick, and wood) were sampled based on substrate materials observed and noted in the plans. Four paint chip samples were collected representing each different paint substrate and analyzed for lead concentration by EPA Method 6010. Sampling of readily accessible painted surfaces was performed throughout the Farmers Market Pavilion.

2.2 Methods

The paint samples were submitted to Pace Analytical Laboratories in Mt. Juliet, Tennessee. The paint samples were analyzed for lead in accordance with Environmental Protection Agency (EPA) Method 6010.

2.3 Results

The EPA and United States Department of Housing and Urban Development (HUD) standard defined in Title X of the 1992 Housing and Community Development Act designates lead-based paint (LBP) as greater than 0.5 percent lead by weight or at a concentration of 5,000 milligrams per kilogram (mg/kg). The subject building is not considered HUD regulated building. However, it is important to note that, unlike asbestos, the EPA and Occupational Safety and Health Administration (OSHA) does not publish a concentration that is considered "Lead-Based Paint," and OSHA regulates potential occupational exposures to paint that contains any concentration of lead in accordance with OSHA regulation 29 CFR 1926.62.

The survey included the sampling and analysis of paint chips of differentiated substrates. Lead was reported above the laboratory detection limit and above the LBP threshold value of 5,000 mg/kg in one of four samples submitted for analysis signifying LBP; metal support I-beams and roof trusses. The remaining three sample results were below laboratory detection limits. For a complete listing of samples collected and analyzed, please see Figures 1 in Appendix I and Table 1 in Appendix II. Copies of the lead analytical results are provided in Appendix III. Representative photographs are presented in Appendix IV.

S&ME returned to collect additional paint sample from the metal I-beams/roof trusses (sample FM-01) which indicated an elevated lead concentration (>100 mg/kg) for analysis of lead EPA Method 6010 via the Toxicity



Characteristic Leaching Procedure (TCLP Method 1311) extraction to assist in evaluating the possible disposal options for the flaked paint being removed during the renovation process prior to repainting the interior. The lead TCLP result of 19.3 milligrams/liter (mg/l) indicates the white paint on the metal I-beams/roof trusses exceeds the Environmental Protection Agency (EPA) regulatory limit of five mg/l indicating the disturbed paint must be managed as hazardous waste once it is removed from the structural members.

3.0 Conclusions and Recommendations

Lead-based Paint

- Lead-based paint was detected in the white paint found on the metal steel I-beams and roof trusses at a concentration of 11,000 milligrams per kilogram (mg/kg). This paint sample also exceeded the corresponding five milligrams per liter (mg/l) regulatory hazardous threshold indicating this material may require hazardous disposal options if removed as a waste.
- The white paint on the brick walls, metal conduit, and wood ceiling did not contain detectable levels of lead in paint at a concentration above 5,000 mg/kg.

Current Tennessee Department of Environment and Conservation (TDEC) regulations and policy indicate that if lead paint is adhered to renovation/demolition debris surfaces and not loose or peeling, the debris may be disposed in a Class I, II, III, or IV disposal facility, and lead paint removal or testing is not required to determine hazardous leaching potential before disposal. However, if LBP removal is anticipated as part of any renovation activity, the removal should be conducted by a state licensed LBP abatement contractor in accordance with local, state and federal laws and guidelines. S&ME recommends contacting a licensed LBP contractor for abatement of affected LBP materials prior to beginning renovation or demolition activities in addition, the paint present on the metal I-beams and roof trusses may require hazardous waste disposal options.

The paint coatings tested that exhibited detectable levels of lead may be applicable to OSHA regulation 29 CFR 1926.62. Work activities affecting LBP or lead-containing paint (LCP)-coated surfaces (e.g., component removal, manual renovation, 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.

3.1 General Limitations

This report is provided for the sole use of the City of Kingsport. Use of this report by any other parties will be at such party's sole risk, and S&ME disclaims liability for any such use or reliance by third parties. The results presented in this report are indicative of conditions only during the time of the assessment and of the specific areas referenced. The assessment included only areas to be affected by renovation, as delineated by drawings provided by Holston Engineering.

This report has been prepared in accordance with generally accepted practice for specific application to this project. The conclusions and/or recommendations contained in this report are based on our understanding of the applicable standards at the time this report was prepared. No other warranty, express or implied, is made.

The findings of the hazardous materials evaluation are based largely on visual observations within the amount of time available. The findings do not warrant that all hazardous materials have been identified; LBP and LCP could



be present in areas not readily accessible to observation. In addition, the actual locations and quantities of materials determined to contain LCP will vary from those herein.

If additional suspect materials are found, our firm should be notified so that our findings can be reviewed for modification or verification.

3.2 Paint Assessment Limitations

As is the case with lead paint inspections, surfaces that were not readily apparent, were located in concealed locations or not included in the renovation plans, may not have been identified. If any additional coating that is suspected to be LCP or LBP is discovered and was not included in this report as a tested surface, it should be evaluated before it is disturbed.

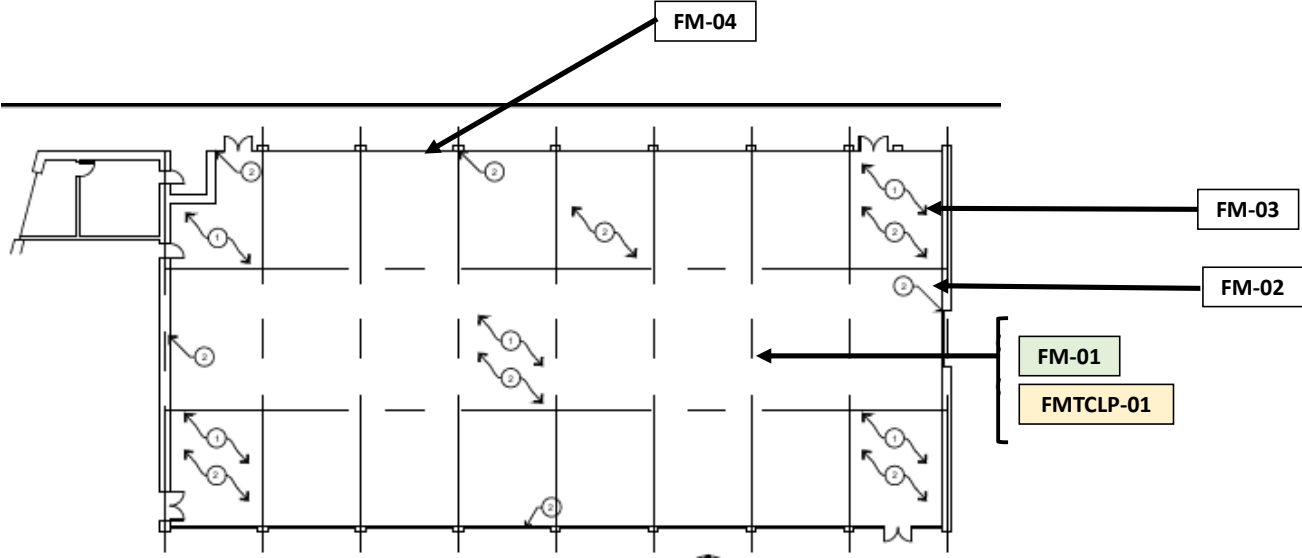
The limited lead paint sampling was intended to identify those surfaces that contain normally detectable levels of lead in paint. No method of analysis or testing of paint can verify that there is no lead in paint. Such testing or analysis is always subject to a minimum detection limit that is greater than zero; therefore, it is not possible to determine that OSHA regulations will not apply based upon paint testing and/or analysis alone.

The lead paint sampling was not intended to and did not evaluate employee exposure to LBP. For that, lead air monitoring is required. This report is not intended for guidance in complying with OSHA regulations or standards pertaining to lead in paint. It is not within the scope of this work to describe precautions, safeguards, and regulations relating to LCP. These services are available but were not included within the Scope of Services.

Appendices

Appendix I – Figure

City of Kingsport
Farmers Market Pavilion
Kingsport, Tennessee



Legend

- Summary of Identified Paint Sampling Locations
- Summary of Identified Lead Based Paint
- Summary of Identified TCLP Sampling Location

Reference:
Holston Engineering



FARMERS MARKET PAVILION EXHIBIT

Limited Pre-renovation Lead Based Paint Assessment
Kingsport, Tennessee

SCALE:
AS SHOWN
DATE:
04/27/2023
PROJECT NUMBER
22400032

FIGURE NO.
1

Appendix II – Tables

Table 1: Summary of Lead Sampling Results

Table 1 - Summary of Paint Results

Project Name: Limited Pre-renovation Lead-Based Paint Assessment	Project Number: 22400032 Phase 021	Inspector: Amy L. Charles TNLBP2021-3437-82991
Location: City of Kingsport, Farmers Market Pavilion, Kingsport, Tennessee	Sampling Date: 04/27/2023	

Sample Description			Area Location	Sample Number	Sample Location	Test Result ¹	Method ²	Comments
Substrate	Color	Condition						

Metal	White	Fair	Throughout the Pavilion	FM-01	Steel I-Beams and Roof Trusses	11,000 mg/kg*	<input type="checkbox"/> XRF <input checked="" type="checkbox"/> Lab	Lead-Based Paint
Brick	White	Fair	Throughout the Pavilion	FM-02	Brick Walls	ND	<input type="checkbox"/> XRF <input checked="" type="checkbox"/> Lab	Non-detect
Metal	White	Fair	Throughout the Pavilion	FM-03	Metal Conduit	ND	<input type="checkbox"/> XRF <input type="checkbox"/> Lab	Non-detect
Wood	White	Fair	Throughout the Pavilion	FM-04	Wood Ceiling	ND	<input type="checkbox"/> XRF <input checked="" type="checkbox"/> Lab	Non-detect

*Note: mg/kg = milligrams per kilogram

¹**Result** A result of $\geq 0.5\%$ (5000 mg/kg) indicates lead-based paint. Any detected quantity of lead indicates lead-containing paint. Because the composition of paint on a surface may vary if the undercoats vary and the limits of the undercoats are not usually observable, the highest result for a painted area should be considered the lead content for that area.

²**XRF**= X-Ray Fluorescence Analyzer; a direct reading device that measures lead in paint in situ without disturbing the paint. The instrument's calibration was verified using a NIST traceable standard prior to and after use. Results are reported in mg lead per square centimeter of surface area (mg/cm²)

Lab= A paint chip sample submitted to a laboratory for analysis. Results are reported in percent (milligram/kilogram) lead by weight. In the event that both XRF testing and Lab testing are conducted at the same location, and the results are in conflict, the Lab test result controls.

Appendix III – Lead Analytical Results

S&ME Inc. - Kingsport TN

Sample Delivery Group: L1609996
Samples Received: 04/28/2023
Project Number: 22400032-021
Description:
Site: FARMERS MARKET
Report To: Carol Ford
268 Christian Church Road, Suite 1
Johnson City, TN 37615

Entire Report Reviewed By:



Tom Mellette
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

Pace Analytical National

12065 Lebanon Rd Mount Juliet, TN 37122 615-758-5858 800-767-5859 www.pacenational.com

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Cp: Cover Page	1	¹Cp
Tc: Table of Contents	2	
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SAMPLE SUMMARY

FM-01 L1609996-01 PAINT

Collected by: Amy Charles
 Collected date/time: 04/27/23 09:30
 Received date/time: 04/28/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010B	WG2050842	5	05/02/23 15:06	05/04/23 23:14	CCE	Mt. Juliet, TN

¹ Cp

² Tc

³ Ss

FM-02 L1609996-02 PAINT

Collected by: Amy Charles
 Collected date/time: 04/27/23 09:40
 Received date/time: 04/28/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010B	WG2050842	1	05/02/23 15:06	05/04/23 20:15	SPL	Mt. Juliet, TN

⁴ Cn

⁵ Sr

FM-03 L1609996-03 PAINT

Collected by: Amy Charles
 Collected date/time: 04/27/23 09:50
 Received date/time: 04/28/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010B	WG2050842	1	05/02/23 15:06	05/04/23 20:18	SPL	Mt. Juliet, TN

⁶ Qc

⁷ Gl

FM-04 L1609996-04 PAINT

Collected by: Amy Charles
 Collected date/time: 04/27/23 10:00
 Received date/time: 04/28/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Metals (ICP) by Method 6010B	WG2050842	1	05/02/23 15:06	05/04/23 20:21	SPL	Mt. Juliet, TN

⁸ Al

⁹ Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Tom Mellette
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Lead	11000		246	5	05/04/2023 23:14	WG2050842

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Lead	ND		46.0	1	05/04/2023 20:15	WG2050842

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Lead	ND		45.0	1	05/04/2023 20:18	WG2050842

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Metals (ICP) by Method 6010B

Analyte	Result	Qualifier	RDL	Dilution	Analysis date / time	Batch
Lead	ND		48.3	1	05/04/2023 20:21	WG2050842

- ¹Cp
- ²Tc
- ³Ss
- ⁴Cn
- ⁵Sr
- ⁶Qc
- ⁷Gl
- ⁸Al
- ⁹Sc

Method Blank (MB)

(MB) R3921145-1 05/04/23 19:56

Analyte	MB Result mg/kg	MB Qualifier	MB MDL mg/kg	MB RDL mg/kg
Lead	U		71.9	50.0

¹Cp

²Tc

³Ss

Laboratory Control Sample (LCS)

(LCS) R3921145-2 05/04/23 19:58

Analyte	Spike Amount mg/kg	LCS Result mg/kg	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	500	413	82.5	80.0-120	

⁴Cn

⁵Sr

L1609996-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1609996-01 05/04/23 20:01 • (MS) R3921145-5 05/04/23 20:09 • (MSD) R3921145-6 05/04/23 20:12

Analyte	Spike Amount mg/kg	Original Result mg/kg	MS Result mg/kg	MSD Result mg/kg	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	461	11500	5310	18100	0.000	1330	1	75.0-125	<u>V</u>	<u>E J3 V</u>	109	25

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

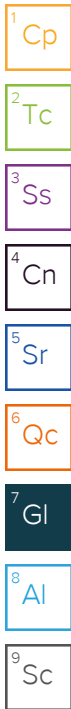
The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
J3	The associated batch QC was outside the established quality control range for precision.
V	The sample concentration is too high to evaluate accurate spike recoveries.



ACCREDITATIONS & LOCATIONS

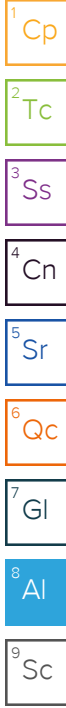
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey-NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio-VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA-Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.



Company Name/Address:
S&ME Inc. - Kingsport TN
 644 Eastern Star Road
 Kingsport, TN 37663

Billing Information:
Accounts Payable
 644 Eastern Star Road
 Kingsport, TN 37663

Analysis / Container / Preservative									

Chain of Custody Page ___ of ___

Pace
 PEOPLE ADVANCING SCIENCE

MT JULIET, TN

Submitting a sample via this chain of custody constitutes acknowledgment and acceptance of the Pace Terms and Conditions found at: <https://info.pacelabs.com/hubs/pas-standard-terms.pdf>

Report to: **Carol Ford**

Email To: **cford@smeinc.com**

Project Description:

City/State Collected: **Kingsport, TN**

Please Circle PT MT CT ET

Phone: **423-349-2800**

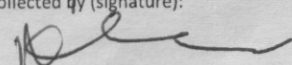
Client Project # **22400032-021**

Lab Project #

Collected by (print): **Amy Charles**

Site/Facility ID # **Farmers Market**

P.O. #

Collected by (signature): 

Rush? (Lab MUST Be Notified)
 ___ Same Day ___ Five Day
 ___ Next Day ___ 5 Day (Rad Only)
 ___ Two Day ___ 10 Day (Rad Only)
 ___ Three Day

Quote #

Immediately Packed on Ice N Y ___

Date Results Needed

No. of Cntrs

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs
FM-01	GRAB	Paint/OT		04-27-23	0930	1
FM-02					0940	1
FM-03					0950	1
FM-04					1000	1

EPA 6010 METALS (PB)

SDG # **41609996**
D121

Acctnum: **SMEBL**
 Template:
 Prelogin:
 PM: **690 - Tom Mellette**
 PB:
 Shipped Via:
 Remarks Sample # (lab only)

* Matrix:
 SS - Soil AIR - Air F - Filter
 GW - Groundwater B - Bioassay
 WW - WasteWater
 DW - Drinking Water
 OT - Other

Remarks:

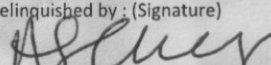
pH _____ Temp _____
 Flow _____ Other _____

Samples returned via:
 ___ UPS ___ FedEx Courier

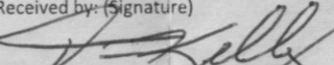
Tracking #

Sample Receipt Checklist

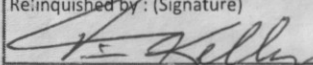
COC Seal Present/Intact: Y N
 COC Signed/Accurate: Y N
 Bottles arrive intact: Y N
 Correct bottles used: Y N
 Sufficient volume sent: Y N
 If Applicable
 VOA Zero Headspace: Y N
 Preservation Correct/Checked: Y N
 RAD Screen <0.5 mR/hr: Y N

Relinquished by: (Signature) 

Date: **04-27-23** Time: **1300**

Received by: (Signature) 

Trip Blank Received: Yes / No HCL / MeOH TBR

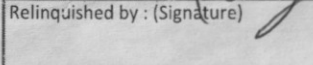
Relinquished by: (Signature) 

Date: **4-27-23** Time: **1700**

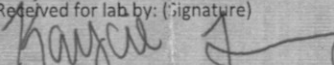
Received by: (Signature) **CROSS TOWN**

Temp: **NSA 7 °C** Bottles Received: **4**
18.0+0=18.0

If preservation required by Login: Date/Time

Relinquished by: (Signature) 

Date: _____ Time: _____

Received for lab by: (Signature) 

Date: **4/26/23** Time: **800**

Hold: _____ Condition: **NCF / OK**

S&ME Inc. - Kingsport TN

Sample Delivery Group: L1614288
Samples Received: 05/10/2023
Project Number: 22400032-021
Description: City of Kingsport Farmers Market
Site: FARMERS MARKET
Report To: Carol Ford
268 Christian Church Road, Suite 1
Johnson City, TN 37615

Entire Report Reviewed By:



Tom Mellette
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace Analytical National is performed per guidance provided in laboratory standard operating procedures ENV-SOP-MTJL-0067 and ENV-SOP-MTJL-0068. Where sampling conducted by the customer, results relate to the accuracy of the information provided, and as the samples are received.

TABLE OF CONTENTS

Cp: Cover Page	1	1 Cp
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Cn: Case Narrative	4	4 Cn
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FM TCLP-01 L1614288-01	5	
Qc: Quality Control Summary	6	6 Qc
Metals (ICP) by Method 6010B	6	
Gl: Glossary of Terms	7	7 Gl
Al: Accreditations & Locations	8	8 Al
Sc: Sample Chain of Custody	9	9 Sc

SAMPLE SUMMARY

FM TCLP-01 L1614288-01 Waste


Collected by: Amy Charles
 Collected date/time: 05/08/23 12:30
 Received date/time: 05/10/23 08:00

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst	Location
Preparation by Method 1311	WG2057709	1	05/11/23 10:23	05/11/23 10:23	BTP	Mt. Juliet, TN
Metals (ICP) by Method 6010B	WG2059931	1	05/15/23 09:41	05/15/23 14:49	ZSA	Mt. Juliet, TN

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

CASE NARRATIVE

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Tom Mellette
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

Preparation by Method 1311

Analyte	Result	Qualifier	Prep date / time	Batch
TCLP Extraction	-		5/11/2023 10:23:58 AM	WG2057709
Initial pH	5.91		5/11/2023 10:23:58 AM	WG2057709
Final pH	5.30		5/11/2023 10:23:58 AM	WG2057709

Metals (ICP) by Method 6010B

Analyte	Result mg/l	Qualifier	RDL mg/l	Limit mg/l	Dilution	Analysis date / time	Batch
Lead	19.3		0.100	5	1	05/15/2023 14:49	WG2059931

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Method Blank (MB)

(MB) R3925008-1 05/15/23 14:32

Analyte	MB Result mg/l	MB Qualifier	MB MDL mg/l	MB RDL mg/l
Lead	U		0.0330	0.100

¹Cp

²Tc

³Ss

Laboratory Control Sample (LCS)

(LCS) R3925008-2 05/15/23 14:35

Analyte	Spike Amount mg/l	LCS Result mg/l	LCS Rec. %	Rec. Limits %	LCS Qualifier
Lead	10.0	9.50	95.0	80.0-120	

⁴Cn

⁵Sr

L1615151-04 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1615151-04 05/15/23 14:38 • (MS) R3925008-4 05/15/23 14:43 • (MSD) R3925008-5 05/15/23 14:46

Analyte	Spike Amount mg/l	Original Result mg/l	MS Result mg/l	MSD Result mg/l	MS Rec. %	MSD Rec. %	Dilution	Rec. Limits %	MS Qualifier	MSD Qualifier	RPD %	RPD Limits %
Lead	10.0	ND	9.59	9.68	95.9	96.8	1	75.0-125			0.982	20

⁶Qc

⁷Gl

⁸Al

⁹Sc

GLOSSARY OF TERMS

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

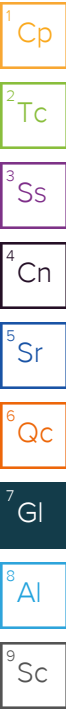
Results Disclaimer - Information that may be provided by the customer, and contained within this report, include Permit Limits, Project Name, Sample ID, Sample Matrix, Sample Preservation, Field Blanks, Field Spikes, Field Duplicates, On-Site Data, Sampling Collection Dates/Times, and Sampling Location. Results relate to the accuracy of this information provided, and as the samples are received.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Original Sample	The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Uncertainty (Radiochemistry)	Confidence level of 2 sigma.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.



ACCREDITATIONS & LOCATIONS

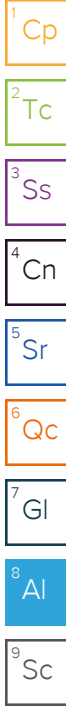
Pace Analytical National 12065 Lebanon Rd Mount Juliet, TN 37122

Alabama	40660	Nebraska	NE-OS-15-05
Alaska	17-026	Nevada	TN000032021-1
Arizona	AZ0612	New Hampshire	2975
Arkansas	88-0469	New Jersey–NELAP	TN002
California	2932	New Mexico ¹	TN00003
Colorado	TN00003	New York	11742
Connecticut	PH-0197	North Carolina	Env375
Florida	E87487	North Carolina ¹	DW21704
Georgia	NELAP	North Carolina ³	41
Georgia ¹	923	North Dakota	R-140
Idaho	TN00003	Ohio–VAP	CL0069
Illinois	200008	Oklahoma	9915
Indiana	C-TN-01	Oregon	TN200002
Iowa	364	Pennsylvania	68-02979
Kansas	E-10277	Rhode Island	LA000356
Kentucky ^{1,6}	KY90010	South Carolina	84004002
Kentucky ²	16	South Dakota	n/a
Louisiana	AI30792	Tennessee ^{1,4}	2006
Louisiana	LA018	Texas	T104704245-20-18
Maine	TN00003	Texas ⁵	LAB0152
Maryland	324	Utah	TN000032021-11
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	110033
Minnesota	047-999-395	Washington	C847
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	998093910
Montana	CERT0086	Wyoming	A2LA
A2LA – ISO 17025	1461.01	AIHA-LAP,LLC EMLAP	100789
A2LA – ISO 17025 ⁵	1461.02	DOD	1461.01
Canada	1461.01	USDA	P330-15-00234
EPA–Crypto	TN00003		

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

* Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace Analytical.

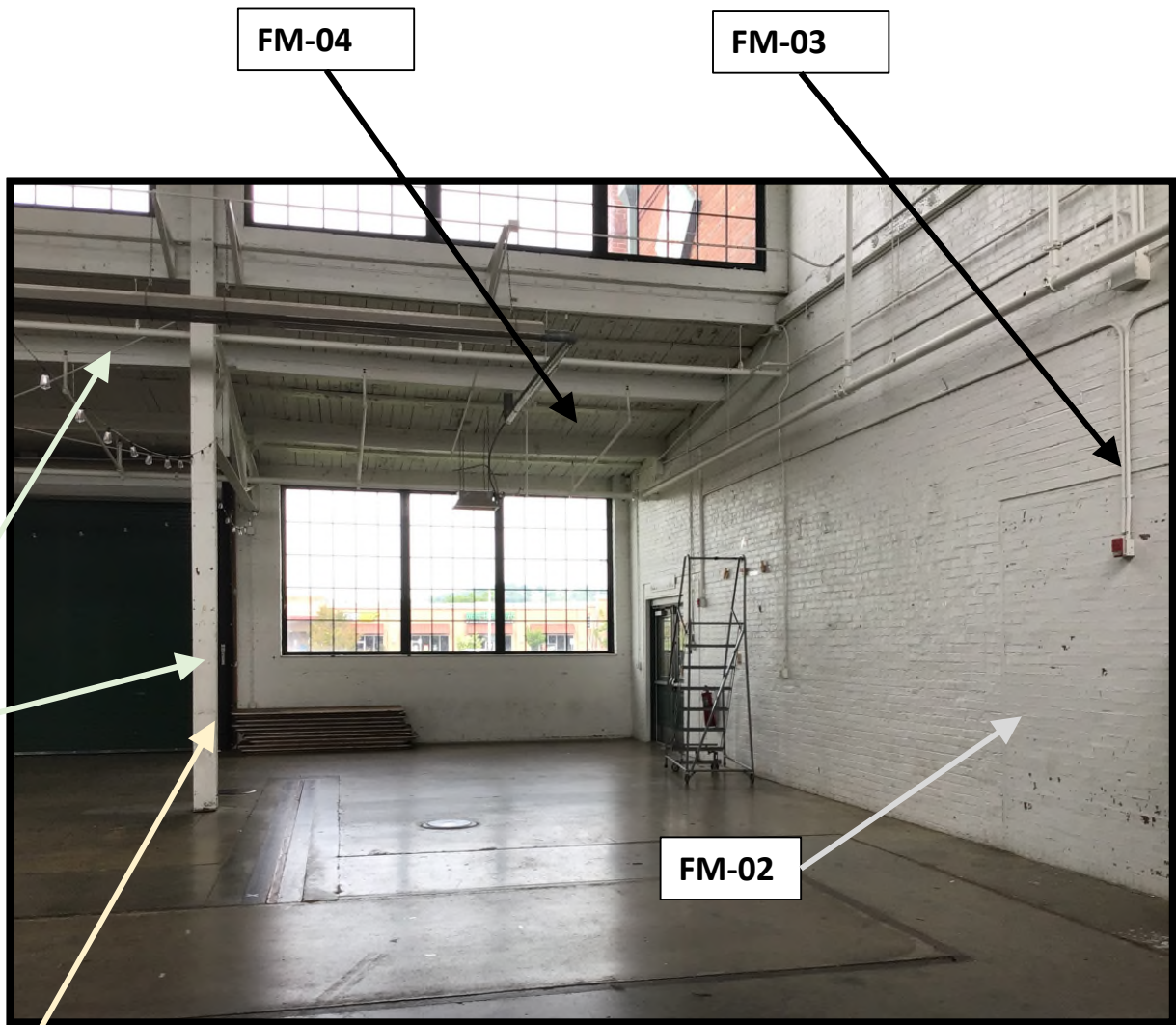


Appendix IV- Representative Photographs



Site Photographs Limited Lead Paint Assessment

Farmers Market Pavilion
City of Kingsport
Kingsport, Tennessee
S&ME Project No. 22400032 Phase 021



001

FM-01: White paint on metal I-beam- LBP (11,000 mg/kg)

FM-02: White paint on brick wall- ND

FM-03: White paint on metal conduit- ND

FM-04: White paint on wood ceiling- ND

FMTCLP-01: White paint on metal I-beam (LBP)