



CITY OF SUFFOLK

P.O. BOX 1858, SUFFOLK, VA, 23439-1858, T: (757) 514-7520; FAX (757) 514-7524

ADDENDUM NO. 3

City of Suffolk
IFB #19028-JS
October 3, 2018

Purchasing Division
442 Market Street, Room 1086
Suffolk, VA 23434-5237
Phone: (757) 514-7520 / Fax: (757) 514-7524
<http://www.suffolkva.us/purchasing>

The Invitation for Bid (IFB) for IFB 19028-JS for Cedar Hill Cemetery Mausoleum Repairs for the Department of Parks and Recreation has been amended.

The following are incorporated into the bid:

An asbestos and lead-based paint inspection was conducted by Applied Laboratory Services. The report did not find any asbestos or lead-based paint in their test. The full test is attached to this addendum.

The due date is October 16, 2018 at 3:00 PM

Contract Officer:


Jay Smigielski, Purchasing Agent

All other specifications, provisions, terms and conditions are unchanged.

Bidder shall acknowledge receipt of addendum on Bid Form. Failure to do so may result in disqualification of bid.

If you have any questions regarding this Addendum, please contact Jay Smigielski, Purchasing Agent at jsmigielski@suffolkva.us

APPLIED LABORATORY SERVICES

2 October 2018

City of Suffolk
Director of Capital Programs & Facilities
Attn: Mr. Gerry Jones
442 W. Washington Street
Suffolk, Virginia 23234

Re: Asbestos/Lead-Based Paint Survey
Cedar Hill Cemetery
Hill Mausoleum Repairs
Suffolk, Virginia 23434

Dear Mr. Jones,

Per your request, Applied Laboratory Services, LLC (ALS) conducted a representative asbestos and lead-based paint inspection of the building materials to be affected by future renovation activities outside of the Hill Mausoleum, located in the Cedar Hill Cemetery, Suffolk, Virginia. The inspection was performed on September 28, 2018 by Matthew D. Ostrowski, a Licensed Commonwealth of Virginia Asbestos Inspector and Lead Inspector.

The representative asbestos inspection included the collection of two (2) representative bulk samples of suspected asbestos-containing wall sealants. No other suspect materials were inspected. Bulk samples were analyzed utilizing Polarized Light Microscopy (PLM) at our in house Accredited and Virginia Licensed Analytical Laboratory.

Following laboratory analysis, no asbestos-containing materials were identified in the samples collected. During repair and renovation activities, if suspect materials are encountered that have not been tested, the materials should be tested for asbestos.


In addition to the asbestos inspection, painted building components inside and outside of the pump house were tested for lead-based paint content. Painted surfaces were tested utilizing an X-Ray Fluorescence (XRF) Paint Analyzer to measure the lead content of surface coatings on the representative components. The sampling methodology for this survey was based on the EPA guidelines that specify a positive determination of lead in paint when the lead content is equal to or greater than 1.0 milligrams of lead per square centimeter of painted surface (mg/cm^2) when measured by X-ray Fluorescence (XRF). The main entrance was considered to be the front entrance and all walls or building components are labeled A, B, C, or D with "A" facing the street address of the unit and proceeding clockwise.

A total of thirteen (13) representative XRF shots were taken at the building including pre and post calibration shots. **Following testing, lead-based paints were not identified on exterior painted surfaces.** Lower levels of lead were identified in other painted surfaces. All construction work affecting these painted surfaces should conform to OSHA's Lead in Construction Standard 29 CFR 1926.62.

City of Suffolk
Director of Capital Programs & Facilities
Attn: Mr. Gerry Jones
2 October 2018
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Attached are the inspection disclaimer, asbestos laboratory analytical results, XRF data sheets, and an asbestos certification. Should you have any questions or need additional assistance please contact our office.

Sincerely,
Applied Laboratory Services



Matthew D. Ostrowski
Environmental Project Manager

10/2/2018
Date

Commonwealth of Virginia Asbestos Inspector License # 3303004047
Commonwealth of Virginia Asbestos Project Designer License #3305001335
Commonwealth of Virginia Asbestos Management Planner License # 3304001669
Commonwealth of Virginia Lead Inspector License # 3355000874

This report was reviewed by:



Paul D. Thomas
Operations Manager

10/2/2018
Date

Commonwealth of Virginia Asbestos Designer License # 3305000966
Commonwealth of Virginia Asbestos Inspector License # 3303002215
Commonwealth of Virginia Asbestos Management Planner License # 3304001330
Commonwealth of Virginia Lead Inspector License # 3355000025

Enclosure: Inspection Disclaimer, Laboratory Analytical Results, Bulk Sample Chain of Custody Forms, XRF Data Sheets, and an Asbestos Certification.

BUILDING INSPECTION DISCLAIMER & ENDORSEMENTS

Applied Laboratory Services, LLC is pleased to assist the City of Suffolk Director of Capital Programs & Facilities with the hazardous materials building inspection at the subject property outlined in this report. This report has been prepared for the exclusive use of the City of Suffolk Director of Capital Programs & Facilities, and their agents for specific application to the property assessed. This work has been performed using reasonable care within the scope of work and in accordance with budgetary limitations. Applied Laboratory Services, LLC, strives to conduct services in keeping with regulatory boundaries, industry standards and in accordance with generally accepted industrial hygiene practice. No other warranty, expressed or implied, is made.

Our conclusions and recommendations are based upon our observations at the site, any reviewed documentation, test results, interviews, other information provided and our previous experience. The information contained in this document is based on physical inspections conducted by Applied Laboratory Services, LLC. We certify that our findings with regard to the presence or absence of visible and physically accessible asbestos and/or lead in paint is based on our inspection and the laboratory analysis of bulk samples and paint chip samples taken during the inspection, unless otherwise noted in the report. All specified sampling areas which are reported to contain no asbestos have been inspected and, based on the inspection and analysis of suspect materials encountered or other reviews as described in this report were found to contain no ACM.

Applied Laboratory Services, LLC, has analyzed the information obtained in this audit in keeping with existing guidelines and regulations, but cannot accurately predict what actions or interpretations any given agency may take presently, or what standards and practices may apply to the site in the future. Should such variations in regulations, guidelines or site conditions become apparent in the future, it will be necessary to reevaluate our conclusions and recommendations based upon additional analyses and on-site observations as appropriate. The pricing for this work is based on the absence of personal liability of the preparers with respect to the work, and the understanding that any claim associated with the work shall look solely to Applied Laboratory Services, LLC.

Applied Laboratory Services, LLC, acknowledges that it maintained in full force and effect at the time the services described in the inspection were performed, professional liability (errors and omissions) insurance with minimum policy limits of one million dollars each occurrence and one million dollars in the aggregate. Applied Laboratory Services, LLC currently maintains such insurance in full force and effect and currently has no plan to terminate such insurance in the foreseeable future. Applied Laboratory Services, LLC's liability in connection with this inspection shall cease after a period of three years from the date of completion of the study, and Applied Laboratory Services, LLC's total aggregate liability in connection with the inspection shall not exceed that amount actually covered by insurances on any such claim.

Please note that no environmental investigation can wholly eliminate uncertainty regarding the potential for adverse environmental conditions in connection with a property. This study is intended to reduce, but not eliminate, such uncertainty. The investigation recognizes reasonable limits of time and cost, and is designed to provide an appropriate level of inquiry, based on existing industry standards.

**APPLIED
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Commonwealth of Virginia Asbestos
Analytical Laboratory # 3333000153
NVLAP Lab # 200515-0

Certificate of Analysis
*Analysis of Bulk Building Materials by Polarized Light Microscopy Techniques
EPA Test Method (EPA/600/R-93/116)*

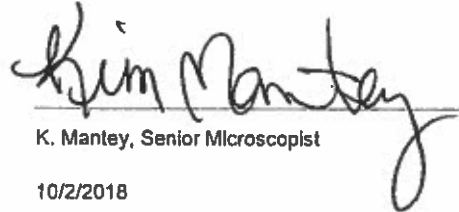
ALS Account: 01-163
Customer: ALS Consulting
4101 Granby Street
Norfolk, VA 23504

P O:
TAT: ALS 24 Hour

LIMS ID: ALS-2018-61352
Project Name: Cedar Hill Cemetary
ProjectNo: 12510
Location: Suffolk, VA
Samples Received: 10/1/2018
Date Analyzed: 10/2/2018

Lab ID	Cust. ID	Sample Date	Sample Location	Non Fibrous	Non Asbestos Fibers	Asbestos Fibers
61352-1	1	9/28/2018	D Side Wall Hill Mausoleum	100% NON FIBROUS MATERIAL		None Detected
1	Yes	White Pliable Sealant				
61352-2	2	9/28/2018	A Side Wall Hill Mausoleum	100% NON FIBROUS MATERIAL		None Detected
1	Yes	White Pliable Sealant				

Analyst: Kim Mantey



NIST Signatory: K. Mantey, Senior Microscopist
Date Released: 10/2/2018

This Certificate of Analysis presents analytical data covered by this laboratory's accreditation under the National Voluntary Laboratory Accreditation Program (NVLAP). Detection, identification, and quantification of asbestos in certain building materials (e.g., floor tiles, caulk, asphalts, roofing materials) by PLM is difficult due to interfering matrix components. PLM technique has an estimated detection limit of 1% (v:v). Fibers smaller than 0.25 um cannot be detected; hence, correlative techniques should be considered for data verification. Non-detection of asbestos in certain materials should be verified by analytical electron microscopy techniques (refer to AHERA criteria). Quantifications are estimated by calibrated visual estimate, unless otherwise noted. The estimated measurement of uncertainty in PLM analysis is available upon request. The data reported herein relates only to those samples analyzed. This report shall not be reproduced, except in full, without the written permission of senior managers of this laboratory. This report shall not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

ASBESTOS FIELD INSPECTION FORM/CHAIN OF CUSTODY

ALS Project #: 12510 Project Name: Cedar Hill Cemetery Project Location: Suffolk, VA

Date Sampled: 9/28/18 Results Due: 24hr Inspector(s): Ostrowski/Patel ALS Lims #: Cal 352

Sample #	Sample Description	Sample Location	Quantity	*Condition G/D/SD	Friable Y/N
1	Wall Sealant	D side wall Hill Mausoleum	40LF	D	N
2	Wall Sealant (Vertical)	A side wall Hill Mausoleum	20LF	G	N

*Condition - (G) Good (D) Damaged (SD) Significantly Damaged

Special Instructions:

Released By: <u>M. Ostrowski</u>	Company: <u>ALS</u>	Date/Time: <u>9/28/18</u>	Received By: <u>Suman Handberg</u>	Company: <u>ALS</u>	Date/Time: <u>10/2/18</u>
Released By: _____	Company: _____	Date/Time: _____	Received By: _____	Company: _____	Date/Time: _____

REPRESENTATIVE LEAD-BASED PAINT SURVEY
 CEDAR HILL CEMETARY
 SUFFOLK VA

Reading No.	Time	Component	Substrate	Side	Condition	Color	Site	Room	Misc.	Results	Pbc	Units
1	9/28/2018 9:48	SHUTTER CAL					CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Positive	0.71	cps
2	9/28/2018 10:03	CALIBRATE					CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Positive	2.8	mg / cm ^2
3	9/28/2018 10:03	CALIBRATE					CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Positive	1.4	mg / cm ^2
4	9/28/2018 10:04	CALIBRATE					CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Negative	0.3	mg / cm ^2
5	9/28/2018 10:08	FLOOR	CONCRETE A	A	INTACT	WHITE	CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Negative	< LOD	mg / cm ^2
6	9/28/2018 10:09	COLUMN	CONCRETE A	A	INTACT	WHITE	CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Negative	< LOD	mg / cm ^2
7	9/28/2018 10:14	CEILING	CONCRETE		INTACT	WHITE	CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Negative	< LOD	mg / cm ^2
8	9/28/2018 10:18	WALL	CONCRETE B	B	PEELING	WHITE	CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Negative	< LOD	mg / cm ^2
9	9/28/2018 10:22	WALL	CONCRETE D	D	PEELING	WHITE	CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Negative	< LOD	mg / cm ^2
10	9/28/2018 10:25	ROOF TRIM	CONCRETE C	C	PEELING	WHITE	CEDAR HILL	OUTSIDE	HILL MAUSOLEUM	Negative	< LOD	mg / cm ^2
11	9/28/2018 10:29	CALIBRATE					CEDAR HILL		HILL MAUSOLEUM	Positive	3.3	mg / cm ^2
12	9/28/2018 10:29	CALIBRATE					CEDAR HILL		HILL MAUSOLEUM	Positive	1.4	mg / cm ^2
13	9/28/2018 10:30	CALIBRATE					CEDAR HILL		HILL MAUSOLEUM	Negative	< LOD	mg / cm ^2

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ASBESTOS CERTIFICATION

Asbestos Certification issued pursuant to an application
for building, electrical, mechanical, or plumbing permit.
(Code of Virginia, Section 36-99.7)

Building Address: Cedar Hill Cemetery
N Main St &, W Constance Rd
Suffolk, VA 23434

Areas Inspected: Hill Mausoleum

Materials Inspected: All Suspect Materials

Client's Name: City of Suffolk
Director of Capital Programs & Facilities
Attn: Mr. Gerry Jones

Client's Address: 442 W. Washington Street
Suffolk, VA 23234

Agent's Name & Address: Applied Laboratory Services, LLC
4101 Granby Street, Suite 404
Norfolk, Virginia 23504


Asbestos Inspector's Name: Matthew D. Ostrowski
Inspector License No.: Va. 3303004047, Exp. 31 March 2019

I certify that I personally inspected and/or reviewed the inspection documents for the building listed above for asbestos, this inspection being in accordance with applicable regulation and standards, developed by the US Environmental Protection Agency, and that: (check appropriate box)

- No suspect asbestos containing materials were identified in the areas to be affected by the repair/renovation/demolition.**
- Asbestos was detected in the areas to be affected by the demolition and response actions to abate any risk to human health have been completed.
- Asbestos was detected in the areas to be affected by the demolition and response actions to abate any risk to human health will be undertaken as a part of the renovation/repair or demolition.

I further certify that I hold a valid Asbestos Inspector's License issued by the Commonwealth of Virginia, Department of Professional and Occupational Regulation, Asbestos Licensing Board, and otherwise meet the minimum competency requirements.


Signature of Inspector


Date