

CITY OF EVANSVILLE
Department of Metropolitan Development
Blight Elimination Program

ADDENDUM NUMBER 1

Date: August 24, 2018

Project Number: BEP-18-1001

Project Work: Removal of Unsafe Structures Property Demolition

Owner: City of Evansville

To: Prospective Bidders

- 1.01 This Addendum forms a part of the Contract Documents and modifies the Bid Documents with amendments and additions noted below.
- 1.02 Acknowledge receipt of this Addendum in the space provided in the Bid Form Part 4 (BID-4). Failure to do so may disqualify the Bidder.
- 1.03 This Addendum consists of this Cover Page and the following pages, which are listed as follows:

- Item #1: Instruction to Bidders - Clarifications (Items #1.01 - #1.06)
- Item #2: Pre-Bid Meeting Minute Notes (Items #2.01 - #2.08)
- Item #3: Questions/ Answers (Items #1 - #2)
- Item #4: Technical Specifications Clarifications (Items #4.01-#4.03)
- Item #5: Sample Demolition Observation Procedures (Items #5.01 – #5.03)
- Item #6: Open-hole Inspection Requirements (Items #6.01 – #6.03)
- Item #7: Addition of Structure (Items #7.01 - #7.02)
- Item #8: Asbestos Summary Report
- Item #9: Pre-Bid Sign-in Sheet
- Item #10: [IHCDA Notice 18-101](#)
- Item #11: [IHCDA Notice 18-102](#)

ITEM #1: INSTRUCTION TO BIDDERS - CLARIFICATIONS

- 1.01 Asbestos reports have been issued for all properties listed within the bid package and a summary report is attached to this addendum.
- 1.02 Asbestos testing reports and summary have been added to the City website.
- 1.03 BLN pre-demolition surveys have been issued for all properties listed within the bid package and are in the Bid Package and on the City website.

Bid Group BEP-18-1001 Addendum # 1

1.04 Chosen Contractor shall provide demolition plan or schedule within 3 days after Notice to Proceed has been issued.

1.05 Written verification from utilities that services have been shut off will be provided to selected Contractor along with the Notice to Proceed.

1.06 Contractor will be required to complete demolition of all structures within 45 days of Notice to Proceed.

ITEM #2: PRE-BID MEETING MINUTE NOTES

2.01 General Timeline of the Bid was discussed to have the following information for timely submission practices:

- Deadline for Bidder's Questions 8/23/18
- Bids Due and Public Bid Opening on 8/30/18 at 1:30 pm

2.02 Detailed Contact Information was discussed by Talmadge Vick (M/WBE Oversight). Phone Number: 812-492-4400

2.03 All Bidders have a deadline to meet with Talmadge Vick at least three business days prior to due date for bid submissions to discuss M/WBE utilization and to provide Forms A, B and possibly E (BID-5 through BID-7) otherwise bid submission will be deemed "Non-Responsive".

2.04 Before bid due date, all Bidders are strongly encouraged to carefully and thoroughly examine all sites of the proposed work.

2.05 The IDEM Notification Form was discussed and must be submitted to IDEM with a copy to Owner 10 days prior to start of demolition.

2.06 (813 E. Virginia St.) House is a one story wood frame with some aluminum siding over asphalt shingles. There is a brick cellar and appears to have attic space. Litter and debris are found within the structure with piles of trash on the outside. The metal shed located in back of the property is to be removed, but the metal pole barn adjacent to the house is to remain. The house has concrete steps in the front to be removed with a possible cistern in the back yard. An old furnace in the basement has duct tape and wrap that is classified as asbestos containing material to be removed.

2.07 (916 W. Louisiana St.) House is one story wood frame on a brick cellar with aluminum siding that contains debris and furniture. A wood shed in the back yard is to remain, but front walk and concrete steps are to be removed.

2.08 (1027 W. Franklin St.) House is a two story wood frame on brick foundation with vinyl siding and a partial cellar. There are concrete walks and stoops located on the property that must be removed.

[See Item #7 for description of one added property.]

ITEM #3: Question and Answer:

1. Q. What if cisterns are found on the property; would there need to be an open hole inspection for that? A. Yes. Please provide ample notice to one of the inspectors, and ensure photo documentation of the cistern.

2. Q. Is there an overall time frame to demolish the structures, and is it 45 days from the first Notice to Proceed? A. Contractor has 45 days to demolish all structures after the second and final Notice to Proceed is issued. After receiving the first Notice to Proceed, contractor shall have seven (7) days to complete the demolition of one structure during the sample demolition process.

ITEM #4: TECHNICAL SPECIFICATION CLARIFICATIONS

- 4.01 Page TS-2 Section 1.9 Contractor shall submit to the Owner a Visual Observation Report prior to the start of demolition verifying all identified Asbestos Containing Material (made friable under force of demolition) has been abated per governing requirements.
- 4.02 Page TS-2 Section 1.13 Clean fill certification letter or a material testing report shall be obtained by the Contractor from each fill source or testing facility, written on the company's Letterhead, and stating (a) material is clean and free of contaminants and all deleterious substances and (b) Material conforms to ASTM D2487 Group Symbol SP.
- 4.03 Page TS-3 Section 2 Rodent Abatement. Contractor shall conduct one (1) follow up visit to each property to rebait the stations and inspect for activity. Following abatement, Contractor will conduct one final visit prior to demolition of the property to collect baiting materials from each location.

ITEM #5: SAMPLE DEMOLITION OBSERVATION PROCEDURES

- 5.01 Effective as of April 16, 2018 a Sample Demolition of at least one (1) property must be completed. Sample Demolition allows IHCDA to ensure proper oversight of demolition and greening activities.
- 5.02 As a requirement of [IHCDA Notice 18-101](#), a pre-demolition meeting will be held on September 10th at 2:00 P.M. local time at Evansville Central Public Library, Browning Room B located at 200 SE Martin Luther King Jr. Blvd. Evansville, IN to review the BEP Technical Specifications in depth and schedule the Sample Demolition in conjunction with the Contractor, IHCDA and BLN.
- 5.03 IHCDA and/or BLN must be present for each Sample Demolition. BLN will issue a report to IHCDA concerning the demolition process and any observed deficiencies. Demolition of other BEP structures within this bid package is not permitted during the Sample Demolition Observation without approval from BLN and/or IHCDA. Upon issuance of Final Sample Demolition Report from BLN and written permission to proceed from IHCDA, a final notice to proceed will be issued to the chosen Contractor on the remaining structures in this Bid Package. All Contractors are strongly encouraged to review IHCDA Notice 18-101.

ITEM #6: OPEN-HOLE INSPECTION REQUIREMENT

- 6.01 Per [IHCDA Notice 18-102](#), an open-hole inspection is a new requirement for each and every demolition. Contractors are strongly encouraged to review Notice 18-102.
- 6.02 An open-hole inspection must be completed to verify that all debris, pulverized building material, and any other concrete improvements have been removed from the footprint of the demolition. Contractor must notify Owner when open-hole is cleared of debris and ready for inspection. Owner's Inspector must visually observe and verify the open-hole prior to placement and compaction of clean backfill.

- 6.03 Owner's Inspector will schedule an inspection at the time of greening to verify all tasks have been completed prior to Contractor's submission of invoice.

ITEM #7: ADDITION OF STRUCTURE

- 7.01 The property at 809 E. Virginia St. Evansville, IN 47711 has been added to this bid package for demolition of structures. House is a one story wood frame house with a full block basement. The front porch has collapsed and back porch contains concrete that has to be removed. There is a shed in back that also needs to be removed along with fencing.
- 7.02 Asbestos reports and BLN reports for 809 E. Virginia St., and a revised Bidder's Itemized Proposal form are included in this addendum.



August 13, 2018

Ms. Carolyn Pajoum
Evansville Department of Metropolitan Development
Room 306 Civic Center Complex
1 NW Martin Luther King, Jr. Blvd.
Evansville, IN 47708-1869

RE: Asbestos Building Inspection for 809 E. Virginia St, Evansville, Indiana – Crane Project #118-2016

Dear Ms. Pajoum:

On August 1, 2018 Ellen Mullen of Crane Environmental Services, LLC conducted an Asbestos Building Inspection to determine if there was any Asbestos Containing Material (ACM) present at the subject property. The site is a one-story vacant house with a basement, and a detached garage, which is scheduled to be demolished.

Great care was taken to account for all spaces within the building. Hidden spaces were evaluated by physical or visual inspection as reasonably accessible. Hidden spaces include inaccessible pipe chases, sub-walls behind exposed walls, layers of tile under carpet or other tile, roofing materials under impenetrable surfaces, inaccessible sections of the building, etc. All hidden layers accessible through minor alterations were observed and tested if suspected for ACM's. Some hidden areas were assumed to contain the same materials as accessible areas that were observed.

The building inspected is vacant and may be in disrepair and in some circumstances have inaccessible areas or areas that are dangerous to enter. These areas are viewed by the inspector the best way that he/she can and may have asbestos containing material that was not sampled or noted in the report. In addition, asbestos containing roofing material may be covered by other layers of roofing, leaves, or is not viewable because of the close proximity of the adjacent buildings. The notification form attached to this report has directions as to how to handle suspect asbestos containing material that is found during demolition. If additional asbestos containing material is discovered, it should be handled according to the instructions on the attached notification form. Crane will in turn issue a revised report to the owner.

Nine bulk samples and one duplicate sample of suspect asbestos containing material were collected and sent to a laboratory for analysis. Two of the samples were Asbestos Containing Material (ACM) defined as any material which contains more than one percent (1%) asbestos. The laboratory results are attached, and summarized as follows:

1120 Star Gate Road

Evansville, IN 47725

Phone: (812) 868-0709

Fax: (812) 868-1232

E-mail: ces@crane-es.com

Sample #	Material	Location	% Asbestos
16-1-1	Hard Plaster Wall	Kitchen	ND
16-1-2	Hard Plaster Wall	Dining Room	ND
16-1-3	Hard Plaster Wall	Living Room	ND
16-1-4	Hard Plaster Ceiling	Kitchen	ND
16-1-5	Hard Plaster Ceiling	Dining Room	ND
16-1-6	Hard Plaster Ceiling	Living Room	ND
16-1-7	Duct Wrap	HVAC Boots	55 Chrysotile
16-1-8	Texture	Dining Room	ND
16-B-1	Duct Wrap	Basement	55 Chrysotile
16-Dup-1 (16-1-1)	Hard Plaster	Kitchen	ND

ND – Non-detect

There is Regulated Asbestos Containing Material (RACM), Category I, and Category II ACM located in the house as indicated in the table below. Regulated ACM means (a) Friable asbestos material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material during demolition or renovation operations. All floor tile, sheet vinyl flooring, asphalt roofing products, and flashing present was presumed to be Category I non-friable Asbestos Containing Material (ACM). The quantities of RACM and Category I and Category II ACM are summarized in the table below.

Location	Material	Column # 3		Column # 4		Column # 5	
		RACM To Be Removed		Category I & II Non-Friable To Be Removed		Category I & II Non-Friable Not To Be Removed	
		SqFt	CuFt	SqFt	CuFt	SqFt	CuFt
Roof	Asphalt Roofing (Assumed)	0	0	0	0	1,410.00	44.1
Kitchen, Utility Room	Floor Tile & Sheet Vinyl Flooring (Assumed)	0	0	0	0	142.0	5.9
Basement	Duct Wrap	72.5	0.8	0	0	0	0
	Total	72.5	0.8	0	0	1,552.0	50.0

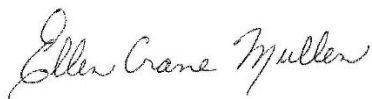
All quantities are approximations. Measurements were taken where permitted and estimated where measurement was not feasible.

The RACM and Category I & II Non-Friable listed in the 3rd and 4th columns above need to be removed by an Indiana Licensed Abatement Contractor prior to demolition. The Non-Friable Category I & II ACM listed in the 5th column can remain on the substrate during demolition and disposed of in the landfill.

I have attached the laboratory results, the field inspection maps and notes, and the "Notification of Demolition and Renovation Operations" with instructions to submit to IDEM prior to demolition.

If you have any questions, please call at your convenience.

Sincerely,



Ellen Crane Mullen
Asbestos Building Inspector #194001096
Expiration Date 4/15/2019

Enclosures



1120 Star Gate Road

Evansville, IN 47725

Phone: (812) 868-0709

Fax: (812) 868-1232

E-mail: ces@crane-es.com

**Indiana Department of Environmental Management
GUIDANCE FOR PREPARING ASBESTOS
DEMOLITION/RENOVATION NOTIFICATIONS**

**Per Indiana Rule 326 IAC 14-10-3(1), all notifications to the IDEM must be submitted on State Form Number 44593.

Per 326 IAC 14-10-5, demolition/renovation fees will be assessed quarterly to owners/Operators submitting notifications during the previous quarter.

I. Type of Notification -326 IAC 14-10-3(4).

- A. If this is the original notice, please check the appropriate space on the notification form.
- B. If this is a revised notice, please check the appropriate space on the notification form. The revised notice must be postmarked and sent by certified mail, return receipt requested, at least 5 working days or delivered at least 2 working days before the start date of asbestos stripping or removal specified in: (1) the notice being revised **and** (2) the new revised notice. Facsimiles **will** be accepted by the IDEM.
- C. All revisions must include a copy of the notice being revised.
- D. If this is a canceled notice, please check the appropriate space on the notification form.
- E. Courtesy Notification

II. Facility Information - 326 IAC 14-10-3(3)(B) and (R)

- A. Either the owner or operator must submit the notice.
- B. The owner means the individual(s) who own the property or lease the property.
- C. The operator means the asbestos removal contractor or demolition contractor.
- D. Specify the name, address, telephone number, Indiana license number and license expiration date, of the:
 - 1. asbestos removal contractor,
 - 2. inspector who conducted the assessment prior to demolition or renovation and
 - 3. project designer required or asbestos projects at schools K-12, or if project designer is used for non-school projects must be licensed.

III. Type of Operation - 326-IAC 14-10-3(3)(C), (O) and (S)

- A. Refer to the definitions of demolition, renovation, and emergency renovation Operation in 326-IAC 14-10-2.
- B. Ordered demolitions and emergency renovation operations have additional

Notification requirements. Owner/operator must also complete Section XV or XVI of notification form.

C. Demolition by intentional burning must comply with an approved Variance from Opening Burning Regulation 326IAC 4-1.

IV. Is Asbestos Present? - Required by Federal 40 CFR Part 61, Subpart M

- A. If asbestos is present, indicate “yes” in the space provided.
- B. If asbestos is not present, indicate “no”.

V. Procedures, Including Analytical Methods, if appropriate, Used to Detect the Presence and Amount of Asbestos Material - 326 IAC 14-10-3(3)(E).

Describe how the asbestos was detected and, if samples were analyzed, specify the amount of friable asbestos visually during a walk-through inspections using a tape measure, blueprints, or pacing. Analytical methods could include the collection of samples and sample analyses by a polarized light microscope with dispersion staining.

For samples that test under 10% asbestos content: An owner or operator may (1) elect to assume material to be greater than 1% asbestos, or, (2) require verification by point counting in which the point counting result will supercede the visual estimation. Either choice and result should be stated on the notice when a sample is under 10% asbestos.

VI. Approximate Amount of Asbestos to be Removed - 326 IAC 14-10-3(3)(F)

- A. Specify the amount of regulated (friable) asbestos-containing material to be removed as follows:
 - 1. linear feet on pipes,
 - 2. square feet (surface area) on the facility components, **and**
 - 3. total cubic feet (volume) on or off all facility components. (All reported regulated amounts must be converted to cubic feet).
- B. Estimate the approximate amount of Category I and Category II non-friable asbestos-containing material in the affected part of the facility that will be removed before demolition.
- C. Estimate the approximate amount of Category I and Category II non-friable asbestos-containing material in the affected part of the facility that will not be removed before demolition.

VII. Scheduled Dates of Asbestos Stripping/Removal - 326 IAC 14-10-3(3)(H)

This means the actual start and end dates of the asbestos stripping or removal.

VIII. Scheduled Dates of Asbestos Stripping/Removal - 326 IAC 14-10-3(3)(H)

This means the starting and ending dates of the total demolition or renovation operation. For example: A renovation project may be scheduled from February 1 through March 15, 1995, however, the actual asbestos removal will occur from February 15, through 20, 1995. Demolition **must** start on date given in most recent notification.

IX. Facility Description - 326 IAC 14-10-3(3)(D) and (G)

Include the building name, floor and number of the room(s) where the asbestos stripping or removal will take place. Provide enough detail that an unfamiliar inspector can find the asbestos project without asking anyone.

X. Description of planned Demolition or Renovation Work, Methods/Techniques to be Used, and Affected Facility Components - 326 IAC 14-10-3(3)(K)

Briefly describe the methods to be used to conduct the demolition or renovation. For renovations, these methods may include gross removal, glove bag removal, hand stripping or scraping. For demolitions, methods may include a wrecking Ball, bulldozer, dynamite, or unbolting panels or sections and carefully lowering to the ground. Affected facility components may include pipe wrap, floor tile, sprayed-on insulation, transite, etc.

XI. Description of Work Practices and Engineering Controls To Be Used To Prevent Emissions of Asbestos At the Site, Including Asbestos Stripping, Removal, and Waste Handling Procedures and the Procedures to Prevent Non-Friable Asbestos Material from Becoming Friable in the Course of the Project 326 IAC 14-10-3(3)(L)

A. Examples of work practices and engineering controls to prevent asbestos emissions at the site would include: the use of water or wetting agents, containments, and negative air units during removal; placing into leak-tight containers or wrapping with six (6) mil thick polyethylene plastic sheeting which is properly labeled prior to disposal, etc.

B. Examples of removal and waste handling procedures to prevent non-friable material from becoming friable would include: removing by sections or units taking care not to crumble, pulverize, or reduce to powder, using water to prevent any emissions, placing into leak-tight containers or wrapping with six (6) mil thick plastic which is properly labeled prior to disposal (including name or waste generator and location at which the waste was generated), etc.

XII.** Description of Procedures to be Followed in the Event that Unexpected Asbestos is Found or Previously Non-Friable Asbestos Material Becomes Crumbled, Pulverized or Reduced to Powder - 326 IAC 18-3 and 326 IAC 14-10-3(3)(M).

A. If the amount of unexpected asbestos or previously non-friable asbestos material is > 3 LnFt on pipes, 3 SqFt on other facility components, or a total of 0.75 CuFt on or off all facility components, then an accredited contractor (unless in-house accredited

personnel) with accredited personnel must implement the asbestos removal project in accordance with the requirements of 326 IAC 14-10.

- B. Pursuant to 326 IAC 14-10, a revised demolition/renovation notification must be submitted to the IDEM, which reflects the change in the amount of affected asbestos-containing material. The revised notice must also reflect the new asbestos removal start date, if applicable.

** Required by 40 CFR Part 61, Subpart M

XIII. Waste Transporter - 326 IAC 14-10-3(3)(T)

Provide the name, address and telephone number of only the asbestos waste transporter. This should include the waste transporter's name, street address, city, state, zip code, contact person, and telephone number.

XIV. Waste Disposal site - 326 IAC 14-10-3(3)(N)

Provide the name and location of the sanitary landfill where the asbestos-containing waste material will be deposited. This should include the name, street address, city, state, zip code, waste disposal site contact person, and telephone number.

XV. If Demolition Ordered by a Governmental Agency, Identify the Agency and Attach a Copy of the Order - 326 IAC 14-10-3(3)(O)

- A. Provide the name, title and authority of the of the state or local governmental representative who has ordered the demolition .
- B. The authority is the applicable state or local regulation under which the demolition order has been issued.
- C. Attach a copy of the demolition order to the notice.

XVI. Emergency Renovations - 326 IAC 14-10-3(3)(S)

- A. Specify
 1. the date and hour that the emergency occurred,
 2. a description of the sudden unexpected event, and
 3. an explanation of how the event has caused emergency conditions
- B. An "emergency renovation operation" is a renovation operation that was not planned but results from a sudden, unexpected event. This term includes operations necessitated by non-routine failures of equipment.

XVII. Certification Statement and Signature by Owner/Operator - 326 IAC 14-10-3(3)(O) and (P)

Self-explanatory.

**INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
NOTIFICATION OF DEMOLITION AND RENOVATION OPERATIONS**

118-2016

State Form 44593 (R2 / 8-99)

I. TYPE OF NOTIFICATION (check one): Original _____ Revised * _____ Canceled _____ Courtesy _____
 * Must include copy of notification which is being revised

II. FACILITY INFORMATION (identify owner, removal contractor, demolition contractor, inspector, and project designer)

Owner: _____

Address: _____

City: _____ State: _____ Zip: _____

Contact: _____ Telephone #: _____

Removal Contractor: _____ Address: _____ City: _____ State: _____ Zip: _____ Contact: _____ Phone: _____ IN License #: _____ Expiration: _____	Demolition Contractor: _____ Address: _____ City: _____ State: _____ Zip: _____ Contact: _____ Phone: _____
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Inspector: _____ Address: _____ City: _____ State: _____ Zip: _____ IN License #: _____ Expiration: _____ Phone: _____	(Required for asbestos projects at schools K – 12) Project Designer: _____ Address: _____ City: _____ State: _____ Zip: _____ IN License #: _____ Expiration: _____ Phone: _____
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III. TYPE OF OPERATION (check one) Renovation: _____ Emergency Renovation: _____
 Intentional Burning: _____ Demolition: _____ Ordered Demolition: _____

IV. IS ASBESTOS PRESENT? (check one) YES: _____ NO: _____

V. PROCEDURES, INCLUDING ANALYTICAL METHODS, IF APPROPRIATE. USED TO DETECT THE PRESENCE AND AMOUNT OF ASBESTOS MATERIAL

VI. APPROXIMATE AMOUNT OF ASBESTOS (Including Regulated ACM, Category I non-friable Category II non-friable ACM)

	Regulated ACM to be removed	Non-friable Asbestos Material To be removed		Non-friable Asbestos Material Not to be removed before demolition	
		Category I	Category II	Category I	Category II
Pipes (LnFt)					
Surface Area (SqFt)					
Total Volume (CuFt) on/off Components					

VII. SCHEDULED DATES OF ASBESTOS STRIPPING/REMOVAL: Start: _____ End: _____

VIII. SCHEDULED DATES OF RENOVATION: Start: _____ End: _____ DEMOLITION: Start: _____ End: _____

IX. FACILITY DESCRIPTION (Including building name, floor, and room number)

Building Name: _____

Street Address: _____

City: _____ State: _____ County: _____

Location of removal within building: _____

Building Size (SqFt): _____ # of Floors: _____ Age: _____

Present Use: _____ Prior use: _____

X. DESCRIPTION OF PLANNED DEMOLITION OR RENOVATION WORK, METHODS/TECHNIQUES TO BE USED, AFFECTED FACILITY COMPONENTS AND TYPE OF MATERIALS REMOVED

XI. DESCRIPTION OF WORK PRACTICES AND ENGINEERING CONTROLS TO BE USED TO PREVENT EMISSIONS OF ASBESTOS AT THE SITE; INCLUDING ASBESTOS STRIPPING, REMOVAL AND WASTE HANDLING PROCEDURES TO PREVENT NON-FRIABLE ASBESTOS MATERIAL FROM BECOMING FRIABLE IN THE COURSE OF THE PROJECT:

XII. DESCRIPTION OF PROCEDURES TO BE FOLLOWED IN THE EVENT THAT UNEXPECTED ASBESTOS IS FOUND OR PREVIOUSLY NON-FRIABLE ASBESTOS MATERIAL BECOMES CRUMBLLED, PULVERIZED, OR REDUCED POWDER:

XIII. WASTE TRANSPORTER

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Contact: _____ Phone: _____

XIV. WASTE DISPOSAL SITE

Name: _____
Address: _____
City: _____ State: _____ Zip: _____
Contact: _____ Phone: _____

XV. IF DEMOLITION ORDERED BY A GOVERNMENT AGENCY, IDENTIFY THE AGENCY BELOW AND ATTACH A COPY OF THE ORDER TO THIS FORM. IF THE FACILITY IS NOT INSPECTED PRIOR TO DEMOLITION, THE DEBRIS MUST BE KEPT ADEQUATELY WET. THE DEBRIS MUST THEN BE INSPECTED AFTER DEMOLITION OR ASSUME ALL DEBRIS TO BE CONTAMINATED WITH RACM AND DISPOSED OF APPROPRIATELY TO COMPLY WITH 326 IAC 14-10-1(b).

Name: _____ Title: _____ Date ordered to begin: _____
Authority: _____ Date of Order: _____

XVI. FOR EMERGENCY RENOVATIONS:

Date and time of emergency: _____

Description of sudden, unexpected event: _____

Explanation of how the event caused unsafe conditions or would cause equipment damage: _____

XVII. I HEREBY CERTIFY THAT THE INFORMATION IN THIS NOTIFICATION IS CORRECT AND THAT I WILL ONLY USE INDIANA LICENSED WORKERS AND PROJECT SUPERVISORS, TO IMPLEMENT THIS ASBESTOS PROJECT, WHICH HAVE BEEN TRAINED IN 326IAC 14-10; 40 CFR PART 61, SUBPART M; AND, IF APPLICABLE, INDIANAPOLIS AIR POLLUTION CONTROL BOARD REGULATION 14. THE TRAINED INDIVIDUAL(S) ALONG WITH EVIDENCE THAT THE REQUIRED TRAINING WAS ACCOMPLISHED SHALL BE AVAILABLE AT THE JOB SITE DURING ACTUAL WORKING HOURS.

Owner/operator (signature) date

Owner/operator (printed) affiliation

***** OFFICE USE ONLY *****

POSTMARK: RECEIVED: REVIEWED BY: DEFICIENCIES:



Report for:

Ellen Mullen
Crane Environmental Services, LLC
1120 Star Gate Rd.
Evansville, IN 47725-8232

Regarding: Project: 118-2016; 809 E. Virginia St.
EML ID: 1973110

Approved by:

Dates of Analysis:
Asbestos PLM: 08-06-2018

Approved Signatory
Renee Luna-Trepczynski

Service SOPs: Asbestos PLM (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the items tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

EMLab P&K ("the Company") shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Client: Crane Environmental Services, LLC
 C/O: Ellen Mullen
 Re: 118-2016; 809 E. Virginia St.

Date of Sampling: 08-01-2018
 Date of Receipt: 08-02-2018
 Date of Report: 08-06-2018

ASBESTOS PLM REPORT

Total Samples Submitted: 10
Total Samples Analyzed: 10
Total Samples with Layer Asbestos Content > 1%: 2

Location: 16-1-1, Hard Plaster Wall

Lab ID-Version‡: 9298329-1

Sample Layers	Asbestos Content
Gray Base Coat	ND
White Skim Coat with Multilayered Paint	ND
Composite Non-Asbestos Content:	< 1% Hair/Wool
Sample Composite Homogeneity:	Moderate

Location: 16-1-2, Hard Plaster Wall

Lab ID-Version‡: 9298330-1

Sample Layers	Asbestos Content
Gray Base Coat	ND
White Skim Coat with Tan Surface	ND
Composite Non-Asbestos Content:	< 1% Hair/Wool
Sample Composite Homogeneity:	Moderate

Location: 16-1-3, Hard Plaster Wall

Lab ID-Version‡: 9298331-1

Sample Layers	Asbestos Content
Gray Base Coat	ND
White Skim Coat	ND
Composite Non-Asbestos Content:	< 1% Hair/Wool
Sample Composite Homogeneity:	Moderate

Location: 16-1-4, Hard Plaster Ceiling

Lab ID-Version‡: 9298332-1

Sample Layers	Asbestos Content
Gray Base Coat	ND
White Skim Coat with Multilayered Paint	ND
Composite Non-Asbestos Content:	< 1% Hair/Wool
Sample Composite Homogeneity:	Moderate

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by any agency of the federal government. EMLab P&K reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified.

Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Crane Environmental Services, LLC
 C/O: Ellen Mullen
 Re: 118-2016; 809 E. Virginia St.

Date of Sampling: 08-01-2018
 Date of Receipt: 08-02-2018
 Date of Report: 08-06-2018

ASBESTOS PLM REPORT

Location: 16-1-5, Hard Plaster Ceiling

Lab ID-Version‡: 9298333-1

Sample Layers	Asbestos Content
Gray Base Coat	ND
White Skim Coat	ND
Composite Non-Asbestos Content:	< 1% Hair/Wool
Sample Composite Homogeneity:	Moderate

Location: 16-1-6, Hard Plaster Ceiling

Lab ID-Version‡: 9298334-1

Sample Layers	Asbestos Content
Gray Base Coat	ND
White Skim Coat	ND
Composite Non-Asbestos Content:	< 1% Hair/Wool
Sample Composite Homogeneity:	Moderate

Location: 16-1-7, Duct Wrap

Lab ID-Version‡: 9298335-1

Sample Layers	Asbestos Content
Beige Wrap	55% Chrysotile
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Good

Location: 16-1-8, Ceiling Texture

Lab ID-Version‡: 9298336-1

Sample Layers	Asbestos Content
White Ceiling Texture	ND
Sample Composite Homogeneity:	Good

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

Client: Crane Environmental Services, LLC
 C/O: Ellen Mullen
 Re: 118-2016; 809 E. Virginia St.

Date of Sampling: 08-01-2018
 Date of Receipt: 08-02-2018
 Date of Report: 08-06-2018

ASBESTOS PLM REPORT

Location: 16-B-1, Duct Wrap

Lab ID-Version‡: 9298337-1

Sample Layers	Asbestos Content
Beige Wrap	55% Chrysotile
Composite Non-Asbestos Content:	15% Cellulose
Sample Composite Homogeneity:	Good

Location: 16-Dup-1, Hard Plaster Wall

Lab ID-Version‡: 9298338-1

Sample Layers	Asbestos Content
Gray Base Coat	ND
White Skim Coat with Multilayered Paint	ND
Composite Non-Asbestos Content:	< 1% Hair/Wool
Sample Composite Homogeneity:	Moderate

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Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by "-x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

CHAIN OF CUSTODY

www.EMLabPK.com



Cherry Hill, NJ: 1936 Olney Avenue, Cherry Hill, NJ 08003 * (866) 871-1964
 Phoenix, AZ: 1501 West Knudsen Drive, Phoenix, AZ 85027 * (800) 651-4802
 San Bruno, CA: 1150 Bayhill Drive, #100, San Bruno, CA 94066 * (866) 888-6653

WEATHER	Fog	Rain	Snow	Wind	Clear
None					
Light					
Moderate					
Heavy					



001973110

CONTACT INFORMATION

Company: Crane Environmental Services, LLC	Address: 1120 Star Gate Court, Evansville, IN 47725
Contact: Ellen R. Mullen	Special Instructions:
Phone: (812) 868-0709	Account #: 4001

PROJECT INFORMATION

Project ID: 118-2016	
Project Desc.: 809 E. Virginia St.	
Project: 47711	Sampling Date & Time: 8/1/18 9:00 a.m.
Zip Code:	
PQ Number:	

TURN AROUND TIME CODES - (TAT)

STD - Standard (DEFAULT)	Rushes received after 2pm or on weekends, will be considered received the next business day. Please alert us in advance of weekend analysis needs.
ND - Next Business Day	
SD - Same Business Day Rush	
WH - Weekend/Holiday	

SAMPLE ID	DESCRIPTION	Sample Type (Below)	TAT (Above)	Total Volume/Area (as applicable)	NOTES (Time of day, Temp, RH, etc.)
16-T-1	Hard Plaster Wall	B	STD		
16-1-2	Hard Plaster Wall	B	STD		
16-1-3	Hard Plaster Wall	B	STD		
16-1-4	Hard Plaster Ceiling	B	STD		
16-1-5	Hard Plaster Ceiling	B	STD		
16-1-6	Hard Plaster Ceiling	B	STD		
16-1-7	Duct Wrap	B	STD		
16-1-8	Ceiling Texture	B	STD		
16-B-1	Duct Wrap	B	STD		
16-Dup-1	Hard Plaster Wall	B	STD		

Non-Culturable

Spore Trap	Tape Swab	Bulk
------------	-----------	------

Fungi - Spore Trap Analysis	<input type="checkbox"/>
Spore Trap Analysis - Other particles	<input type="checkbox"/>
Direct Microscopic Exam (Qualitative)	<input type="checkbox"/>
Quantitative Spore Count Direct Exam	<input type="checkbox"/>
1-Media Surface Fungi (Genus ID + Asp spp.)	<input type="checkbox"/>
2-Media Surface Fungi (Genus ID + Asp spp.)	<input type="checkbox"/>
3-Media Surface Fungi (Genus ID + Asp spp.)	<input type="checkbox"/>
Culturable Air Fungi (Genus ID + Asp spp.)	<input type="checkbox"/>
Cream Stain and Counts (Culturable Air and Surface Bacteria)	<input type="checkbox"/>
Regenerie culture	<input type="checkbox"/>
Total Coliforms, E.coli (Presence/Absence)	<input type="checkbox"/>
Membrane Filtration (Please specify organism)	<input type="checkbox"/>
MPN Bacteria (Please specify organism)	<input type="checkbox"/>
QuantTray - Sewage Screen	<input type="checkbox"/>
Asbestos Analysis - PCM Airborne Fiber Count (NIOSH 7400)	<input checked="" type="checkbox"/>
Asbestos Analysis - PLM (EPA method 600/R-93-116)	<input checked="" type="checkbox"/>
PCR (please specify test)	<input checked="" type="checkbox"/>

SAMPLE TYPE CODES			
BC - BioCassette™	CP - Contact Plate	T - Tape	D - Duct
A15 - Andersen	ST - Spore Trap: Zefon, Allergenco, Burkard...	SW - Swab	W - Water
SAS - Surface Air Sampler		B - Bulk	SO - Soil
O - Other:			

RELINQUISHED BY	DATE & TIME
<i>David Brown</i>	8/1/18 5:00 P.M.
<i>Fedex 955</i>	8/2/18

RECEIVED BY	DATE & TIME
<i>K. G. P. H.</i>	

By submitting this Chain of Custody, you agree to be bound by the terms and conditions set forth at www.emlabpk.com/terms.html
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CES

Crane Environmental Services, Inc.
1120 Star Gate Court
Evansville, IN 47725
(812) 868-0709 Fax: (812) 868-1232
Evansville, IN 47724-7021

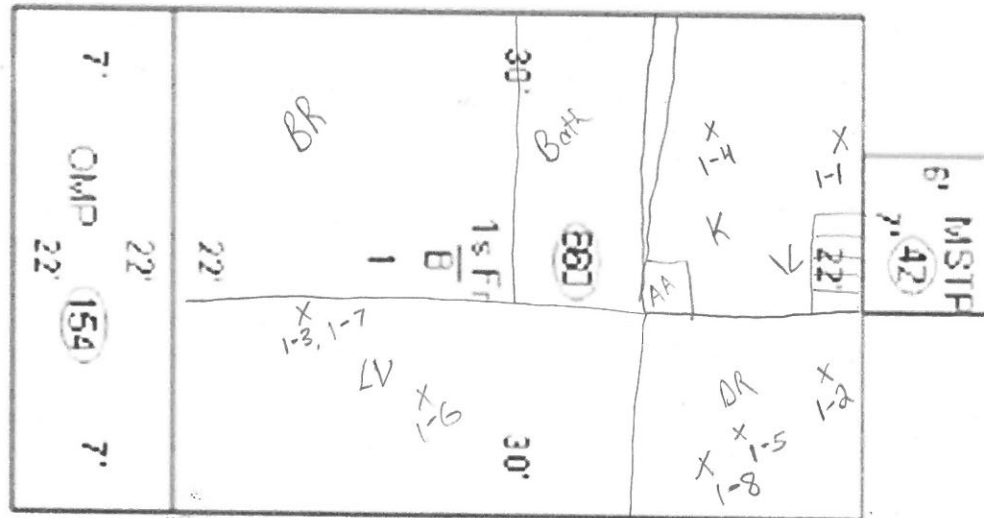
SAMPLING DIAGRAM

Project: 118-2016
Sampled By: Ellen Mullen

Location: 809 E. Virginia St.
Date: / / 2018

First Floor

Roofing: Shingles Rolled Other
Siding: Transite Wood Other
Garage: Yes No Shed
G. Roof: Shingles Rolled Other
Basement: Yes No
2nd Floor: Finished Unfinished



KEY	PI	Pipe Insulation	JC	Joint Comp.	FT	Floor Tile	CLK	Caulking
	PJ	Pipe Joint	INS	Insulation	ShVF	Sheet Vinyl	OT	Other
	HP	Hard Plaster	CT	Ceiling Tile	TR	Transite	UK	Unknown

CES

Crane Environmental Services, Inc.

1120 Star Gate Court
Evansville, IN 47725
(812) 868-0709 Fax: (812) 868-1232
Evansville, IN 47724-7021

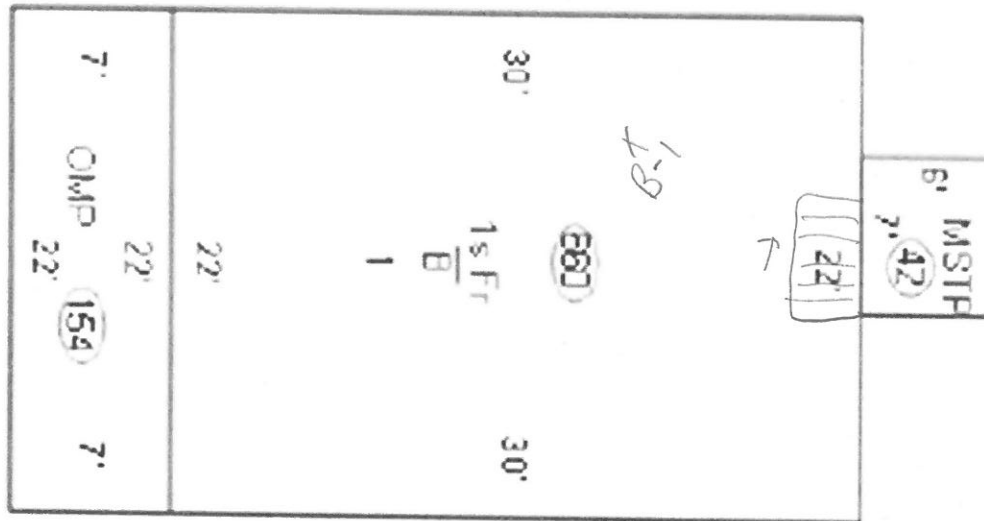
SAMPLING DIAGRAM

Project: 118-2016
Sampled By: Ellen Mullen

Location: 809 E. Virginia St.
Date: / /2018

Basement

Roofing: Shingles Rolled Other _____
Siding: Transite Wood Other _____
Garage: Yes No Shed _____
G. Roof: Shingles Rolled Other _____
Basement: Yes No _____
2nd Floor: Finished Unfinished No _____



KEY	PI	Pipe Insulation	JC	Joint Comp.	FT	Floor Tile	CLK	Caulking
	PJ	Pipe Joint	INS	Insulation	ShVF	Sheet Vinyl	OT	Other
	HP	Hard Plaster	CT	Ceiling Tile	TR	Transite	UK	Unknown

CES

Crane Environmental Services, Inc.
1120 Star Gate Court
Evansville, IN 47725
(812) 868-0709 Fax: (812) 868-1232
Evansville, IN 47724-7021

CHAIN OF CUSTODY

Project: 118-2016
Sampled By: Ellen Mullen

Location: 809 E. Virginia St.
Date: / /2018

DATE	SAMPLE #	MATERIAL SAMPLED	LOCATION	Notes
	1-1	HP	K Wall	
	1-2	HP	DR Wall	Dup-1
	1-3	HP	LV Wall	
	1-4	HP	K Ceiling	
	1-5	HP	DR Ceiling	
	1-6	HP	LV Ceiling	
	1-7	SUF DU	Bath, K house	7'x6', 10'x10' 5 boots, 3ft ²
	1-8	text	DR ceiling	
	B-1	DU	basement	6" - 20 wraps, 16" - 6 wraps - 40ft + 30ft

KEY

PI	Pipe Insulation	JC	Joint Comp.	FT	Floor Tile	CLK	Caulking
PJ	Pipe Joint	INS	Insulation	ShVF	Sheet Vinyl	OT	Other (explain)
HP	Hard Plaster	CT	Ceiling Tile	TR	Transite	UK	Unknown

Form Information

Form Name: **IHCDA | BLN Pre-Bid Survey Results**
 Submission Date: Jul 27, 2018 1:41:20 PM EDT

General Parcel Survey Information

Date of Survey: Jul 27, 2018
 Name of Surveyor: Larry McIntire
 Applicant Name: City of Evansville
 Property Address: 809 E. Virginia St. Evansville, IN. 47711

Image of Property



Is the entry accessible? Yes

Pre-Bid Survey Form

NOTE:

BLN is responsible only for a visual and non-intrusive inspection not involving any testing. Further inspecting, testing, sampling, and/or remediation of any conditions inspected or noted in this report remain the sole responsibility of the owner.

POTENTIAL ASBESTOS-CONTAINING MATERIALS (ACM) Yes

Room

Basement

Attach Image



POLYCHLORINATED BIPHENYLS (PCBs)

No

Mercury light switches

No

Mercury-containing thermostats

No

Mercury-containing gas pressure regulators

No

Batteries

No

Fluorescent, high-intensity discharge (HID), and low pressure sodium lamp bulbs

No

Refrigerant (found in air conditioners, refrigerators, freezers and dehumidifiers)

Yes

Room

Multiple Rooms

Attach Image



Smoke detectors

Yes

Room

Multiple Rooms

Attach Image



Fire extinguishers

No

Compressed gas cylinders

No

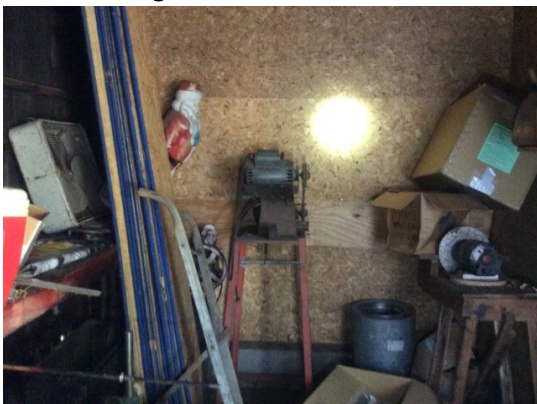
Electronics

Yes

Room

Multiple Rooms

Attach Image



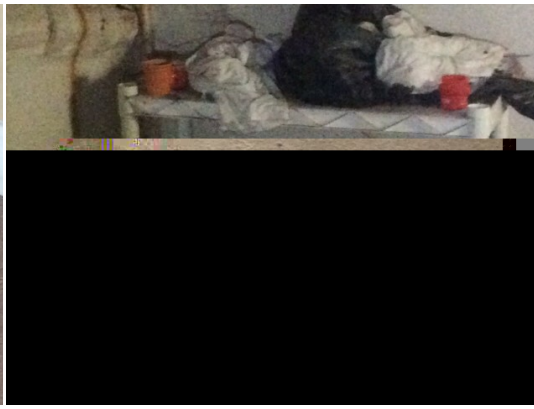
Chemicals

Yes

Room

Multiple Rooms

Attach Image



Pesticides

No

Paints

Yes

Room

Multiple Rooms

Attach Image



Solvents

No

Used oil

No

Fuels and fuel oil tanks

Yes

Room

Garage

Attach Image



Biological waste (vermin, pigeon excrement)

No

Medical waste (syringes)

No

Mechanical equipment (lawn mowers, etc.)

No

Scrap tires

Yes

Room

Basement

Attach Image



Major appliances

Yes

Room

Multiple Rooms

Attach Image



Furniture

Yes

Room

Living Room

Attach Image



Mattresses

No

Controlled substances (pharmaceuticals or illegal substances)

No

Comments

Surveyor Comments

House is one story wood frame with full block basement. Inside still has some trash and furniture. The basement is also still littered with old furniture and junk. The front porch has collapsed and cannot access front of house to survey. Back porch is concrete and is to be removed. There is a shed in back which is full of junk and will need to be torn down. A concrete slab adjacent to shed also needs removed. Yard is overgrown and has some trash to remove. There is also some fencing to be removed.

Disclaimer/Limitation Language For Pre-Demolition Reports

This inspection report was performed on behalf of and solely for the exclusive use of the Indiana Housing And Community Development Agency ("IHCDA") and persons or organizations to whom the IHCDA wishes to make this report available. The services for this project have been performed in general conformance with the contract negotiated between IHCDA and Beam Longest & Neff ("BLN"). Any reliance on this report by a party other than IHCDA or agents of IHCDA shall be at the party's own risk. The observations set forth herein are valid only for the date and time noted herein. BLN specifically disclaims any responsibility for conditions of the subject property prior to or after the date and time set forth herein. BLN shall not be responsible for damages, consequential or otherwise, for contamination or conditions not clearly present on the day and time of the survey. The observations set forth herein are based exclusively upon a visual inspection of items and matters that are clearly visible, are outside of confined or inaccessible areas, and are identified on the checklist in the contract between IHCDA and BLN. BLN has not conducted any intrusive inspections, intrusive observations, testing or abatement of any item observed during the course of the survey or identified herein. The observations set forth in this Pre-Demolition Survey report shall not be construed as a recommendation for any specific action and shall not be construed as any form of a legal opinion.

**PART 3
CONTRACT ITEMS AND UNIT PRICING
BEP-18-10-01**

Parcel Number	Address	City	State	Zip	Demolition & Abatement Cost
82-06-19-029-072.015-029	1027 W. Franklin St	Evansville	IN	47710	
82-06-19-027-069.013-029	916 W. Louisiana St	Evansville	IN	47710	
82-06-20-024-100.009-029	813 E. Virginia St	Evansville	IN	47711	
82-06-20-024-100.008-029	809 E. Virginia St	Evansville	IN	47711	

LUMP SUM	\$
ALLOWANCE	\$ 4,000
LUMP SUM + ALLOWANCE	\$

