



April 22, 2019

Chief, Environmental Enforcement Section
Environment and Natural Resources Division
U.S. Department of Justice
Box 7611, Ben Franklin Station
Washington, DC 20044-7611
Re: DOJ No. 90-5-2-1-08555/1

Air Enforcement Division Director
U.S. Environmental Protection Agency
Office of Civil Enforcement
Air Enforcement Division
U.S. Environmental Protection Agency
1200 Pennsylvania Ave, NW Mail Code: 2242A
Washington, DC 20460

Compliance Tracker
Air Enforcement and Compliance Assurance Branch
U.S. Environmental Protection Agency – Region 5
77 West Jackson Blvd. AE-18J
Chicago, IL 60604-3590

Susan Tennenbaum
U.S. Environmental Protection Agency
Region 5
C-14J
77 West Jackson Blvd
Chicago, IL 60640

Including an electronic copy to:
R5airenforcement@epa.gov

Including an electronic copy to:
tennenbaum.susan@epa.gov

Phil Perry
Indiana Department of Environmental Management
Chief, Air Compliance and Enforcement Branch
100 North Senate Avenue
MC-61-53, IGCN 1003
Indianapolis, IN 46204-2251

Elizabeth A. Zlatos
Indiana Department of Environmental Management
Office of Legal Counsel
100 North Senate Avenue
MC-60-01, IGCN 1307
Indianapolis, IN 46204-2251

Including an electronic copy to:
bzlatos@idem.in.gov

Subject: Consent Decree, United States, et al. v. Indiana Harbor Coke Company, et al.
Cokenergy, LLC (Part 70 Permit No. T089-38695-00383)
SEP Plan

To Whom It May Concern:

In accordance with Paragraph 42. of the consent decree (18-cv-35), Cokenergy, LLC is timely submitting the SEP Plan for the Lead Hazard Reduction SEP. The SEP Plan has been developed by Elevate Energy (Elevate), who has been retained by Cokenergy to identify eligible properties and manage the lead risk assessments and abatement efforts for the successful completion of the SEP.

As discussed with the United States and the Indiana Department of Environmental Management (IDEM), we have enclosed with this submittal a redacted version of the SEP Plan and an un-redacted version labeled as “Confidential” and “Submittal Under Claim of Confidentiality” (to the United States and IDEM, respectively). The redacted submittals are made to preserve the anonymity and privacy of the properties that will

receive lead-abatement pursuant to this project. Cokenergy will provide the redacted version to the East Chicago Public Library for public review.

This project was undertaken in connection with the settlement of an enforcement action, United States v. Indiana Harbor Coke Company, SunCoke Energy, and Cokenergy, taken on behalf of the U.S. Environmental Protection Agency and the State of Indiana under the Clean Air Act.

Elevate currently has identified five (5) properties that meet the requirements of Paragraph 39. Of the properties, the full Lead Risk Assessment has been completed on three (3) of the properties and the reports are included with this submittal. Lead risk assessments of the remaining properties are planned for the coming weeks and the reports will be provided to the collective Government when complete.

Cokenergy will provide updates to the SEP Plan as final assessments are completed and if additional properties have been identified. If you have any questions regarding this semi-annual progress report, please contact me at (219) 397-4626 or email at lford@primaryenergy.com.

I certify under penalty of law that this information was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my directions and my inquiry of the person(s) who manage the system, or the person(s) directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Sincerely,



Luke E. Ford
Director EH&S
Primary Energy

cc: Keith Kaufman (via email)
Thor Ketzback, BCLP (via email)
Amanda Gramigna, Elevate Energy (via email)
Justin Kirby, IHCC (via email cover letter only)
Katie Batten, Suncoke (via email cover letter only)

Attachments

File: X://678



Cokenergy (East Chicago SEP) Lead Abatement: Supplemental Environmental Project

April 2019

Activity: SEP Plan

Elevate Energy has completed a range of recruitment efforts resulting in the successful identification of eligible properties for the SEP lead abatement project. To recap, our recruitment efforts included working with the local Community Action Group (CAG) to connect us with a variety of community members such as in-home daycares, and advertisement through a local church's newsletter, St. Mary Parish, which hosts religious education for children six years of age and older. Using this two-pronged recruitment approach, we identified eight eligible properties built before 1978.

Through visual assessments and full lead risk assessments, lead-based paint hazards have been found on a variety of structures where young children regularly occupy or reside. Full HUD lead risk assessments were conducted at three of the five properties. The risk assessments for the three properties noted above were performed in accordance with the United States Department of Housing and Urban Development's (HUD) Guidelines for Evaluation and Control of Lead Based Paint Hazards in Housing (2012 revision). The assessment combines a surface-by-surface measurement of lead-based paint with soil and dust sampling to develop a written report on both immediate and potential lead hazards. Visual assessments have been completed at the remaining two properties and are scheduled for full risk assessment in Spring 2019. These properties fulfill the requirements of the SEP project.

Our next steps this Spring and Summer 2019 are to work with our contractor, Safe Environmental, an Indiana licensed lead abatement contractor, to perform walkthroughs of the properties and provide a full proposal for the work. The scopes will vary based on the lead risk assessment reports, and will address two primary items:

- Window/door abatement: Remove and replace windows and doors as necessary. And install aluminum capping over the friction surfaces.
- Paint Stabilization: Apply a coat of lead encapsulating paint to surfaces from which loose and flaking lead paint has been removed. Lead encapsulating paint will aid in the prevention of paint deteriorated and subsequent lead dust release.

Please note that this report currently provides all information for the full risk assessments conducted on three properties. Cokenergy will supplement this report upon full completion of each risk assessment for the remaining properties and provide those completed reports to the Government.

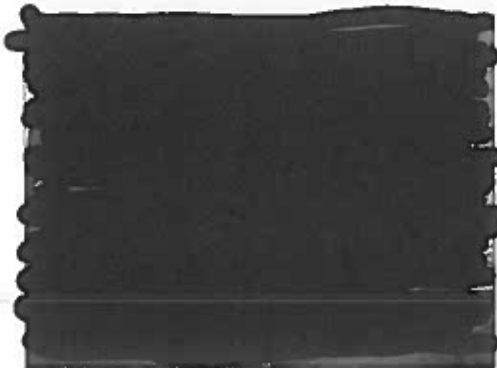
Below are details for each eligible property. Elevate Energy has identified the following information and metrics on current properties, as these are rental properties, church classrooms and daycares these metrics are subject to change:

- Address of the proposed affected structure(s);
- The approximate number and ages of children who occupy the properties;
- The planned scope of work (including the area to be remediated, number of windows to be replaced, whether the site contains PCB caulk etc.);
- A breakdown of the estimated costs for each project;

- **Contact information for all parties involved.**

To the extent that additional properties are required to be added to the current roster of properties to satisfy the Consent Decree's SEP requirements, Cokenergy and Elevate Energy will notify the Government and discuss next steps required to identify additional properties.

[REDACTED]
[REDACTED], East
Chicago, Indiana



- Lead Risk Assessment Complete (March 16, 2019); report attached.
- 1 child, 2 years of age
- Scope of work:
 - Exterior Building Old Wood Window Components and Interior Wood Window Wells (Around only Unit 1F)
 - Exterior Building Metal Lintels
 - Exterior Building Wall D, Left Wood Door Jambs
 - Exterior Building Wall D, Center Wood Transom
 - Interior Unit 2F Bedroom 2 Plaster Closet Ceiling
 - Interior Unit 2R Living Room Plaster Closet Ceiling
 - Interior Stairway Plaster Walls and Ceilings
- Estimate cost: ~ \$15,000
- PCB caulk not used in residential properties.
- Owner Information: [REDACTED]

[REDACTED]
[REDACTED]
East Chicago, Indiana



- Lead Risk Assessment Complete (March 18th 2019), report attached.
- 5-15 children, ages 5 and older.
- Scope of work for Church Classroom Areas:
 - Exterior Building Old Wood Window Components (Upper Levels)
 - Exterior Building Metal Lintels (All Levels)
 - Exterior Building Wall B Metal Stair System Components and Railings
 - Exterior Building Wall D Wood Door Headers, Casings, and Jambs (2 Components)
 - Lead Dust was Identified on 2 Classroom Window Sills tested above the ISDH Regulatory
 - Bare Soil (and paint chips) along Exterior Building Foundation, Northwest
- Estimate cost: ~\$ 75,000
- PCB Caulk was not use prior to 1950, window components are circa 1900.
- Contact Information: [REDACTED]

[REDACTED]
[REDACTED], East
Chicago, Indiana



- Visual Assessment Complete; full lead risk assessment pending
- 8 children, ages 0-6 years of age
- Scope of work
 - Replace windows
 - Replace doors
 - Paint stabilization
- Estimate cost: ~ \$35,000
- PCB caulk not used in residential properties.
- Owner Information: [REDACTED]

Construction will begin during Summer and Fall 2019. During construction, residents will need to be relocated, day care's closed and church classes suspended. The contractor will conduct all lead hazard reduction work according to all applicable federal and state work practices and Elevate Energy will oversee the process. Finally, after construction activities, a compliance investigation and clearance lead dust sampling will be completed by Jay Sundberg of Innerspace Environmental Inc., to ensure no harmful lead dust remains. Once the results of the investigation are complete, the residents may safely occupy the property.

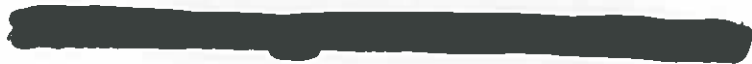
Upcoming Activities:

Next steps, Elevate Energy expects to complete the following by May 15, 2019:

- Complete full lead risk assessments for the remaining structures: Spring 2019;
- Contractor walkthroughs: Spring and Summer 2019;
- Construction to abate lead based paint: Summer and Fall 2019.

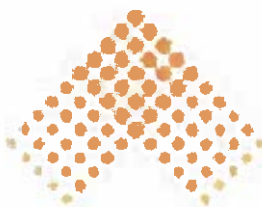
Lead Based Paint Risk Assessment Report

For The Owner Located at:



East Chicago, IN 46312

Prepared For:
322 South Green Street, Suite 300



ELEVATE ENERGY

Chicago, IL 60607

Prepared By:

**Innerspace
Environmental
Assessment, Inc.**



Inspector and ISDH License Number: James W. Sundberg, 1743
Date Performed: March 16, 2019

Report Issued: March 22, 2019

TABLE OF CONTENTS

I. SUMMARY

Identifying Information
Results
Information

II. VISUAL EXAM AND SAMPLE RESULTS

Form 5.1 Building Condition Form
Form 5.2 Building Component Condition

Analysis of Previous XRF Testing Report

Test Results Performed During Risk Assessment

Form 5.3 Deteriorated or To Be Disturbed or Disturbed Paint Results Above Regulatory Levels

Form 5.4 Field Sampling Form for Dust

Form 5.5 Field Sampling Form for Soil

III. LEAD HAZARD CONTROL OPTIONS

Site Specific Interim Control and Abatement Hazard Control Options

Method of Resident Notification of Results of Risk Assessment

APPENDICES

Summary Lead Based Paint Inspection Report
Detailed Lead Based Paint Inspection Report
Dust and Soil Sample Laboratory Results
Risk Assessor License and Laboratory Certification
Lead Hazard Pamphlet
Layout of Property and Home

I. SUMMARY

Identifying Information

A lead based paint risk assessment and inspection was conducted at [REDACTED], East Chicago, Indiana 46312 for Elevate Energy located at 322 South Green Street, Suite 300, Chicago, IL 60607. The risk assessment was conducted on March 16, 2019 by James W. Sundberg, an Indiana State Department Health (ISDH) licensed Risk Assessor (License Number IN2103127).

Results

Specific focus was given to addressing painted surfaces within the scope of work for this building. The building and its paint are in reasonably good condition overall. However, there were a few areas found that contain lead and in a disturbed condition.

- **Exterior Building Old Wood Window Components and Interior Wood Window Wells (Around only Unit 1F)**
- **Exterior Building Metal Lintels**
- **Exterior Building Wall D, Left Wood Door Jambs**
- **Exterior Building Wall D, Center Wood Transom**

- **Interior Unit 2F Bedroom 2 Plaster Closet Ceiling**
- **Interior Unit 2R Living Room Plaster Closet Ceiling**
- **Interior Stairway Plaster Walls and Ceilings**
- **Lead Dust was Identified on the 2F Bedroom 2 Floor tested above the ISDH Regulatory Levels during this Risk Assessment**

Additional sampling was performed to ensure that all components “touched” by future maintenance activities would not disturb LBP. Some of the tested surfaces tested negative for lead content (below 1.0 mg/cm² using XRF technology). These surfaces are not considered to be lead based paint hazards, using criteria in the Indiana State Department of Health (ISDH) Administrative Code (410 IAC 32).

Those surfaces are:

Walls around all Windows, except those listed above and below

Ceilings, except those listed above and below

Interior Door Panels, Jambs, and Casings, except those listed above and below

Baseboards, except those listed above and below

Cabinets, except those listed above and below

A few surfaces tested positive for Lead Based Paint (LBP) but were intact condition during this assessment. Based on appropriate definitions, these areas are not considered LBP Hazards at this time. The Property Owner should ensure that these areas remain in good repair in the future. The areas are:

INTERIOR

2F Kitchen and 2F Bedroom 1 Plaster Walls

2F Bedroom 2 Plaster Walls and Closet Walls and Ceiling

2R Kitchen Plaster Walls

2R Bedroom 1 Plaster Walls C and D

2R Bedroom 2 Plaster Wall D

2R Living Room Plaster Closet Wall

To IEA's knowledge, there has not been any previous lead based paint testing at this dwelling. If additional surfaces are put into the scope of work for this address, additional testing may be required (or assumed lead). The Lead Inspection and Risk Assessment was performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). Within the specified rooms, most every surface was tested for the presence or absence of lead. Please refer to the Appendix I and II, Summary and Detailed LBP Inspection Reports for a listing of all components and the lead results. The Summary Report displays all components that tested at or above the current Indiana State Department of Health (ISDH) regulatory level for Paint, via X-Ray Fluorescence (XRF), of 1.0 mg/cm². Again, this Risk Assessment focussed on primarily daycare areas and exterior windows and doors not in the daycare areas.

Dust sampling was performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). Current ISDH regulatory levels for dust are 40 µg/ft² for flooring surfaces and 250 µg/ft² for interior window sill surfaces. **1 of the 32 dust samples tested above regulatory limits for lead in dust. Elevated surfaces were identified on the 2F Bedroom 2 Floor during this Risk Assessment.**

Soil sampling was also performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). There was bare soil observed on the Property during the time and date of the inspection and, therefore, soil samples were collected. Current ISDH regulatory levels for bare soil in play areas is 400 µg/g and 1,200 µg/g for other areas. **0 of the 2 soil samples tested above regulatory limits for lead in soil. Elevated surfaces were NOT identified during this Risk Assessment.**

The owner has not decided on any specific hazard control measures as of this date. Elevate Energy, however, will select hazard control measures, which are all acceptable based on Indiana State Department of Health Administrative Code (410 IAC 32). IEA will recommend at least one preferred Mitigation and Abatement Hazard Control Option for each potential hazard identified. Elevate Energy should be aware that there are other approved ways of reducing these potential lead hazards. If IEA's recommendations are not consistent with Elevate Energy's plans for the property (work or budget), other options may be available.

After the specific work and cleaning activities have been completed, a clearance inspection with dust samples must be conducted by ISDH licensed Lead Inspector or Risk Assessor to ensure that the work areas are safe before the family reoccupies the designated work areas.

Information

According to Federal (24 CFR Part 35 and 40 CFR Part 745) and State of Indiana (410 IAC 32), Elevate Energy and Future Homeowners shall share the results of this report and any clearance sampling with the family which occupies and/or owns the residence. Elevate Energy shall also provide the family with the HUD/EPA brochure, "*Renovate Right*."

II. VISUAL EXAMINATION AND SAMPLE RESULTS

Form 5.1 Building Condition Form for Lead Hazard Risk Assessment.

Property address [REDACTED] Apt. No. East Chicago, IN
 Name of property owner Agent Elevate Energy
 Name of risk assessor J. Sundberg Date of assessment: 3/16/2019

Condition	Yes	No	Comments
Roof missing parts of surfaces (tiles, boards, shakes, etc.)	X		Flat
Roof has holes or large cracks		X	
Gutters or downspouts broken		X	
Chimney masonry cracked, bricks loose or missing, obviously out of plumb		X	
Exterior or interior walls have obvious large cracks or holes, requiring more than routine pointing (if masonry) or painting		X	BRICK
Exterior siding has missing boards or shingles		X	BRICK
Water stains on interior walls or ceilings		X	
Walls or ceilings deteriorated	X		Closets on 2 nd Floor
More than "very small" amount of paint in a room deteriorated		X	
Two or more windows or doors broken, missing, or boarded up	X		IF - Pb
Porch or steps have major elements broken, missing, or boarded up		X	
Foundation has major cracks, missing material, structure leans, or visibly unsound		X	
** Total number	3	9	

* The "very small" amount is the *de minimis* amount under the HUD Lead Safe Housing Rule (24 CFR 35.1350(d)), or the amount of paint that is not "paint in poor condition" under the EPA lead training and certification ("402") rule (40 CFR 745.223).

** If the "Yes" column has any checks, the dwelling is usually considered not to be in good condition for the purposes of a risk assessment, and conducting a lead hazard screen is not advisable. However, specific conditions and extenuating circumstances should be considered before determining the final condition of the dwelling and the appropriateness of a lead hazard screen. If the "Yes" column has any checks, and a lead hazard screen is to be performed, describe, below, the extenuating circumstances that justify conducting a lead hazard screen.

Notes (including other conditions of concern):

Storage Negative

Form 5.2 Report of Visual Assessment (for Lead Hazard Risk Assessment).
Form 6.0 Report of Visual Assessment (for Ongoing Lead-Safe Maintenance).

Property address: [Redacted], East Chicago, IN 46312 Page 1 of 1

Name of property owner: Agent Elevate Energy
 Name of risk assessor: J. Sundberg Date of assessment: 3/16/2019

Area Description		Deteriorated Paint			Friction or Impact Surface? (F or I)	Visible Teeth Marks? (Y or N)	Paint Testing Results ⁴	Notes (e.g., paint testing (e.g., XRF, lab analysis) indicates paint is or is not lead-based paint; cause(s) of hazard control failures)
Location of Building Component, Dust or Bare Soil	Building Component, Dust, or Bare Soil Play Area/ Non-Play Area	Area (sq. ft.)	Is Area Small? (Y or N)	Probable Cause(s) of Deterioration if Known ¹				
Ext Bldg IF	Window Components			None				
Ext Bldg	Lintels			Maintenance	F/I			
	Dr Jamb's (left)							
	Transom (center)							
Int 2F Bedz	Closest Ceiling							
1st Flr	Closest Ceiling							
Stairway	16 Walls + Ceiling							

¹ Include room equivalent or exterior side or wall, as appropriate.
² Lead-safe work practices and clearance/cleaning verification are not required if work does not disturb painted surfaces that total more than 20 ft² or less on exterior surfaces, 2 ft² or less in any one interior room or space, or 10 percent of the total surface area on an interior or exterior type of component with a small surface area (such as trim, window sills, baseboards).
³ For unassisted housing, and for child-occupied facilities, EPA's minor repair and maintenance activities threshold of: 6 ft² or less per room; or 20 ft² or less for exterior activities; provided that no prohibited or restricted work practices were used and no window replacement or demolition of painted surface area is to be done.
⁴ Common causes of paint deterioration are: moisture (indicate source if apparent), mildew, friction or abrasion, impact, damaged or deteriorated substrate, and severe heat.
⁵ If paint testing results are obtained on site, use this column to record the result. If a paint chip sample is sent to the laboratory, use this column to record the sample number (or other unique identifier) as a reference to another record containing the sampling data and laboratory results.

Analysis of Previous XRF Testing Report

There is no previous XRF Testing Report; this section is not applicable for this property.

Testing Performed During Risk Assessment

Form 5.3 defers to Appendix I for complete listing of the surfaces that tested positive (at or above 1.0 mg/cm²) for lead based paint. Surfaces classified as deteriorated as defined by the Indiana State Department Health Administrative Code (410 IAC 32) are considered to be Lead Based Paint Hazards. Appendix II is the Detailed Report that displays all the readings that were taken during this Risk Assessment/Inspection. All testing combinations on the property were inspected because the assessor did not have knowledge of the scope of upcoming rehabilitation activities. One of the thirty-two dust samples (Form 5.4) taken had results above the applicable regulatory levels. There were no soil samples taken that were above the applicable regulatory level on the property at the time and date of the inspection (Form 5.5). Copies of dust and soil sample results can be found in the Appendix II. Regulatory levels for each media are summarized below each table. Water sampling was not performed during this assessment.

Form 5.3

Deteriorated or To Be Disturbed Paint Results Above Regulatory Levels

Name of Risk Assessor: James W. Sundberg

Property Address: [REDACTED], East Chicago, IN

Sample Number	Room	Building Component	XRF Reading (mg/cm ²)
See	Appendix I	For Complete LBP Summary Report	
ISDH/USEPA Regulatory Level		1.0 mg/cm ²	

Form 5.4

Dust Sample Results

Name of Risk Assessor: James W. Sundberg

Property Address: [REDACTED], East Chicago, IN

Sample Number	Room	Component	Lab Result (µg/ft ²)
13091F-01	1F Living Room	Floor	< 10
13091F-02	1F Living Room	Window Sill	< 16
13091F-03	1F Kitchen	Floor	< 10
13091F-04	1F Kitchen	Window Sill	46
13091F-05	1F Bedroom	Floor	< 10
13091F-06	1F Bedroom	Window Sill	26
13091F-07	1F Bathroom	Floor	< 10
13091F-08	Stairway	Floor (1st Floor)	< 10
13092F-01	2F Bathroom	Floor	< 10
13092F-02	2F Kitchen	Floor	< 10
13092F-02	2F Kitchen	Floor	< 10
13092F-04	2F Living Room	Window Sill	43

ISDH/USEPA Regulatory Limits: Floors 40 µg/ft², Interior Window Sills 250 µg/ft², Interior Window Wells 400 µg/ft²

**Form 5.4, continued
Dust Sample Results**

Name of Risk Assessor: James W. Sundberg
 Property Address: [REDACTED], East Chicago, IN

Sample Number	Room	Component	Lab Result (µg/ft²)
13092F-05	2F Bedroom 1	Window Sill	200
13092F-06	2F Bedroom 2	Window Sill	41
13092F-07	2F Bedroom 2	Floor	180
13092F-08	Stairway	Floor (2nd Floor)	< 10
13092F-09	Stairway	Top of Clock (Blank)	< 10
13091R-01	1R Living Room	Floor	< 10
13091R-02	1R Living Room	Window Sill	
13091R-03	1R Kitchen	Floor	< 10
13091R-04	1R Kitchen	Window Sill	< 24
13091R-05	1R Bathroom	Floor	< 10
13091R-06	1R Bedroom 1	Window Sill	88
13091R-07	1R Bedroom 2	Window Sill	48
13091R-08	1R Bedroom 3	Window Sill	< 40
13091R-09	1R Bedroom 3	Top of Clock (Blank)	< 10
13092R-01	2R Kitchen	Floor	< 10
13092R-02	2R Kitchen	Window Sill	< 40
13092R-03	2R Bathroom	Floor	< 10
13092R-04	2R Living Room	Window Sill	< 40
13092R-05	2R Bedroom 1	Window Sill	< 40
13092R-06	2R Bedroom 2	Window Sill	< 40
13092R-07	2R Bedroom 2	Window Sill	< 40
13092R-08	Stairway	Window Sill	< 16

ISDH/USEPA Regulatory Limits: Floors 40 µg/ft², Interior Window Sills 250 µg/ft², Interior Window Wells 400 µg/ft²

**Form 5.5
Soil Sample Results**

Name of Risk Assessor: James W. Sundberg
 Property Address: [REDACTED], East Chicago, IN

Sample Number	Location	Bare or Covered	Lab Result (mg/Kg)
1309-S01	East Yard	Bare Soil	160
1309-S02	South Yard	Bare Soil	300

ISDH/USEPA Regulatory Limits:
 400 mg/Kg (bare high contact play), 1200 mg/Kg (bare non-play), 5000 mg/Kg (abatement)

III. LEAD HAZARD CONTROL OPTIONS

Site Specific Interim Controls and Abatement Hazard Control Options

Below can be found each lead hazard with at least 3 hazard control options. Elevate Energy should pick the hazard control option that best fits the needs of the project (approach and budget). If the options do not fit the needs of Elevate Energy, other hazard control options may be available.

Bold numbers next to each job description refer all parties to the exact location where the HUD Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing describe the process. This document will serve as the specifications when the Indiana State Department of Health (ISDH) Lead Contractor is completing the work prescribed by Elevate Energy.

Cost estimates are not included in this report. Precise cost estimates should be obtained from an ISDH-Licensed Lead Based Paint Abatement Contractor. The costs should include labor, materials, worker protection, site containment and cleanup. Clearance testing should be performed at the conclusion of any lead task. Acceptable dust results should be obtained before residents reoccupy that space.

Based on the work and amount of money being spent on the project, abatement options may be the only hazard control options selected. Refer to subpart J of 24 CFR Part 35 for details. Chapter 11 gives detailed guidance on Interim Controls. Chapter 12 describes all Abatement approaches except Encapsulation.

- **Exterior Building Old Wood Window Components and Interior Wood Window Wells (Around only Unit 1F)**
 - Enclosure of selected components with an approved enclosure system (metal or vinyl) with paint stabilization of remaining window sash (11-25 through 32)
 - Enclosure of components with an approved enclosure system (metal or vinyl) with replacement of window sash (12-21 through 32)
 - Removal of Components (12-13 through 20)

- **Exterior Building Metal Lintels**
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

- **Exterior Building Wall D, Left Wood Door Jambs**
 - Paint Film Stabilization of component (11-13 through 24) AND
 - Enclosure of components with an approved enclosure system (metal or vinyl) (12-21 through 32)
 - OR**
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - OR**
 - Removal of Component (12-13 through 20)

- **Exterior Building Wall D, Center Wood Transom**
 - Paint Film Stabilization of component (11-13 through 24)
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

- **Interior Unit 2F Bedroom 2 Plaster Closet Ceiling**
 - Paint Film Stabilization of component (11-13 through 24)
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

 - **Interior Unit 2R Living Room Plaster Closet Ceiling**
 - Paint Film Stabilization of component (11-13 through 24)
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

 - **Interior Stairway Plaster Walls and Ceilings**
 - Paint Film Stabilization of component (11-13 through 24)
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

 - **Designated Interior Work Areas including the 2F Bedroom 2 Floor**
 - Incorporate controls, then clean and clear (Clean: Chapter 14, Clearance Chapter 15)
-

Method of Resident Notification of Results of Risk Assessment and Lead Hazard Control Program

According to Federal (24 CFR Part 35 and 40 CFR Part 745) and State of Indiana (410 IAC 32), Elevate Energy and Future Homeowners shall share the results of this report and any clearance sampling with the family which occupies and/or owns the residence. Elevate Energy shall also provide the family with the HUD/EPA brochure, "*Renovate Right*."

Respectfully Submitted,
Innerspace Environmental Assessment, Inc.



James W. Sundberg
ISDH-Licensed Risk Assessor # IN2103127

APPENDICES

SUMMARY LBP INSPECTION REPORT

03161003

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Elevate Energy/East Chicago

Inspection Date: 03/16/19
 Report Date: 3/16/2019
 Abatement Level: 1.0
 Report No. S#01377 - 03/16/19 10:03
 Total Readings: 337 Actionable: 40
 Job Started: 03/16/19 10:03
 Job Finished: 03/16/19 13:48


 East Chicago, IN 46312

Read No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Paint Color	Lead (mg/cm ²)	Mode
Exterior Room 001 Building									
007	A	Window	Lft	Rgt jamb	D	Wood	White	3.1	QM
006	A	Window	Lft	Rgt casing	D	Wood	White	2.9	QM
005	A	Window	Lft	Sash	D	Wood	White	3.4	QM
004	A	Window	Lft	Sill	D	Wood	White	3.6	QM
040	B	Window	Rgt	Rgt jamb	D	Wood	White	3.9	QM
039	B	Window	Rgt	Rgt casing	D	Wood	White	3.2	QM
038	B	Window	Rgt	Sash	D	Wood	White	4.3	QM
011	D	Window	Lft	Sash	D	Wood	White	3.8	QM
010	D	Window	Lft	Sill	D	Wood	White	3.8	QM
012	D	Window	Lft	Lft casing	D	Wood	White	3.3	QM
013	D	Window	Lft	Lft jamb	D	Wood	White	3.1	QM
019	D	Door	Lft	Lft jamb	D	Wood	Brown	8.8	QM
021	D	Lintel	Lft		D	Metal	White	>9.9	QM
051	D	Transom	Ctr		D	Wood	White	4.5	QM
Interior Room 013 2F Kitchen									
193	A	Wall	U	Rgt	I	Plaster	White	3.0	QM
190	B	Wall	U	Rgt	I	Plaster	White	3.7	QM
191	C	Wall	U	Ctr	I	Plaster	White	4.2	QM
192	D	Wall	U	Ctr	I	Plaster	White	3.7	QM
Interior Room 015 2F Bed 1									
211	A	Wall	U	Lft	I	Plaster	Blue	2.4	QM
208	B	Wall	U	Ctr	I	Plaster	Blue	2.5	QM
209	C	Wall	U	Ctr	I	Plaster	Blue	2.7	QM
210	D	Wall	U	Ctr	I	Plaster	Blue	3.0	QM
Interior Room 016 2F Bed 2									
229	A	Wall	U	Ctr	I	Plaster	Blue	3.9	QM
230	B	Wall	U	Ctr	I	Plaster	Blue	3.1	QM
227	C	Wall	U	Lft	I	Plaster	Blue	2.5	QM
226	C	Closet	Lft	Wall	I	Plaster	Gray	4.3	QM
225	C	Closet	Lft	Ceiling	D	Plaster	Gray	3.8	QM
228	D	Wall	U	Ctr	I	Plaster	Blue	2.9	QM

Interior Room 017 2R Kitchen

03161063										
243	A	Wall		U Rgt		I	Plaster	White	2.3	OM
242	B	Wall		U Lft		I	Plaster	White	2.1	OM
244	D	Wall		U Ctr		I	Plaster	White	2.0	OM
<hr/>										
Interior Room #19 2R Bed 1										
258	C	Wall		U Ctr		I	Plaster	White	1.0	OM
257	D	Wall		L Rgt		I	Plaster	White	1.7	OM
<hr/>										
Interior Room #20 2R Bed 2										
274	D	Wall		U Lft		I	Plaster	White	1.0	OM
<hr/>										
Interior Room #22 2R LR										
311	C	Closet		Rgt Wall		I	Plaster	White	1.4	OM
312	C	Closet		Rgt Ceiling		D	Plaster	White	1.0	OM
<hr/>										
Interior Room #23 Stairway										
330	A	Wall		L Lft		D	Plaster	Brown	1.0	OM
332	C	Wall		L Lft		D	Plaster	Brown	1.0	OM
314	D	Wall		U Ctr		D	Plaster	White	1.0	OM
313	D	Ceiling				D	Plaster	White	1.0	OM

Calibration Readings

---- End of Readings ----

DETAILED LBP INSPECTION REPORT

03161003

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Elevate Energy/East Chicago

Inspection Date: 03/16/19
 Report Date: 3/16/2019
 Abatement Level: 1.0
 Report No. S#01377 - 03/16/19 10:03
 Total Readings: 337
 Job Started: 03/16/19 10:03
 Job Finished: 03/16/19 13:48


 East Chicago, IN 46312

Read No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Paint Color	Lead (mg/cm ²)	Mode
Exterior Room 001 Building									
007	A	Window	Lft	Rgt jamb	D	Wood	White	3.1	QM
006	A	Window	Lft	Rgt casing	D	Wood	White	2.9	QM
005	A	Window	Lft	Sash	D	Wood	White	3.4	QM
004	A	Window	Lft	Sill	D	Wood	White	3.6	QM
008	A	Window	Lft	Sill	D	Stone	White	0.2	QM
035	B	Window	Lft	Rgt casing	D	Wood	White	0.1	QM
037	B	Window	Lft	Sash	D	Wood	White	0.5	QM
036	B	Window	Lft	Lft casing	D	Wood	White	0.3	QM
040	B	Window	Rgt	Rgt jamb	D	Wood	White	3.9	QM
039	B	Window	Rgt	Rgt casing	D	Wood	White	3.2	QM
038	B	Window	Rgt	Sash	D	Wood	White	4.3	QM
032	B	Stairs	Lft	Treads	D	Wood	White	-0.1	QM
033	B	Stairs	Lft	Stringer	D	Wood	Gray	0.0	QM
031	B	Railing	Lft	Railing	D	Wood	White	0.2	QM
024	B	Siding	Lft		D	Metal	Green	0.2	QM
034	B	Trim	Lft		D	Wood	White	0.3	QM
041	B	Downspout	Lft		D	Metal	White	0.5	QM
028	C	Window	Lft	Sash	D	Wood	White	0.3	QM
027	C	Window	Lft	Lft casing	D	Wood	White	0.0	QM
295	C	Door	Rgt	Rgt jamb	I	Wood	White	0.1	QM
294	C	Door	Rgt	U Ctr	I	Metal	White	0.2	QM
023	C	Siding	Lft		D	Metal	Green	0.1	QM
026	C	Bsmt Sash	Lft		D	Wood	White	0.3	QM
042	C	Cl Ln Supt	Rgt		D	Metal	White	-0.2	QM
011	D	Window	Lft	Sash	D	Wood	White	3.8	QM
009	D	Window	Lft	Sill	D	Stone	White	0.0	QM
010	D	Window	Lft	Sill	D	Wood	White	3.8	QM
012	D	Window	Lft	Lft casing	D	Wood	White	3.3	QM
013	D	Window	Lft	Lft jamb	D	Wood	White	3.1	QM
014	D	Window	Rgt	Rgt casing	D	Wood	White	0.1	QM
015	D	Window	Rgt	Sash	D	Wood	White	0.1	QM
016	D	Window	Rgt	Sill	D	Stone	White	0.3	QM
019	D	Door	Lft	Lft jamb	D	Wood	Brown	8.8	QM
020	D	Door	Lft	U Ctr	D	Wood	Brown	0.2	QM
018	D	Door	Ctr	Lft jamb	D	Wood	White	0.0	QM
017	D	Door	Ctr	U Ctr	D	Metal	White	0.2	QM

03161003

029	D	Door	Rgt	Lft jamb	D	Wood	White	0.1	QM
030	D	Door	Rgt	U Ctr	D	Metal	White	0.1	QM
021	D	Lintel	Lft		D	Metal	White	9.9	QM
051	D	Transon	Ctr		D	Wood	White	4.5	QM
022	D	Siding	Rgt		D	Metal	Green	0.1	QM
025	D	Fence	Rgt		D	Metal	Silver	0.0	QM
050	D	Threshold	Rgt		D	Stone	White	0.3	QM

Exterior Room 002 Garage

045	A	Soffit			D	Wood	White	0.2	QM
044	A	Door	Lft	Lft jamb	D	Wood	White	0.3	QM
043	A	Door	Lft	U Ctr	D	Metal	White	0.3	QM
047	B	Wall	U Ctr		D	Wood	White	0.1	QM
046	D	Wall	U Ctr		D	Wood	White	0.0	QM
049	D	Fascia			D	Wood	White	0.3	QM
048	D	OH Door	Ctr		D	Metal	White	0.3	QM

Interior Room 001 1R Kitchen

052	A	Wall	U Ctr		D	Drywall	Beige	-0.1	QM
056	A	Ceiling			D	Drywall	White	0.0	QM
061	A	Door	Lft	U Ctr	I	Wood	Varnish	0.1	QM
060	A	Closet	Lft	Floor	I	Wood	Varnish	0.0	QM
057	A	Closet	Lft	Wall	D	Drywall	Blue	0.0	QM
059	A	Closet	Lft	Shelf Sup.	I	Wood	Varnish	0.1	QM
058	A	Closet	Lft	Ceiling	D	Drywall	White	-0.1	QM
062	A	Cabinet	Rgt		I	Wood	Varnish	-0.1	QM
053	B	Wall	U Ctr		D	Drywall	Beige	0.1	QM
066	B	Baseboard	Ctr		I	Wood	White	0.0	QM
064	B	Window	Ctr	Sash	I	Wood	Varnish	0.2	QM
063	B	Window	Ctr	Sill	I	Wood	Varnish	-0.1	QM
065	B	Window	Ctr	Lft casing	I	Wood	Varnish	0.3	QM
067	B	Rad Cover	Ctr		I	Metal	White	0.0	QM
054	C	Wall	U Ctr		D	Drywall	Beige	0.1	QM
055	D	Wall	U Ctr		D	Drywall	Beige	0.0	QM

Interior Room 002 1R Bathroom

077	A	Wall	U Ctr		I	Drywall	White	0.1	QM
070	A	Cabinet	Lft		I	Wood	Varnish	0.0	QM
076	B	Wall	U Ctr		I	Drywall	White	0.0	QM
069	B	Window	Lft	Sill	I	Wood	White	0.3	QM
068	B	Rad Cover	Ctr		I	Metal	White	0.1	QM
075	C	Wall	U Ctr		I	Drywall	White	0.1	QM
074	D	Wall	U Ctr		I	Drywall	White	0.1	QM
073	D	Ceiling			I	Drywall	White	0.3	QM
071	D	Door	Ctr	Rgt jamb	I	Wood	Varnish	0.3	QM
072	D	Door	Ctr	U Ctr	I	Wood	Varnish	0.2	QM

Interior Room 003 1R Bed 1

078	A	Wall	U Ctr		I	Drywall	White	-0.1	QM
079	B	Wall	U Ctr		I	Drywall	White	-0.1	QM
080	C	Wall	U Ctr		I	Drywall	White	0.0	QM

03161003

081	D	Wall	U Ctr		I	Drywall	White	0.0	QM
082	D	Ceiling			I	Drywall	White	0.0	QM
Interior Room 004 1R LR									
087	A	Wall	U Ctr		I	Drywall	White	-0.2	QM
086	B	Wall	U Ctr		I	Drywall	White	-0.3	QM
085	C	Wall	U Ctr		I	Drywall	White	-0.1	QM
084	D	Wall	U Ctr		I	Drywall	White	0.0	QM
083	D	Ceiling			I	Drywall	White	-0.1	QM
090	D	Window	Ctr	Sash	I	Wood	Varnish	0.2	QM
089	D	Window	Ctr	Sill	I	Wood	Varnish	0.5	QM
091	D	Window	Ctr	Lft casing	I	Wood	Varnish	0.0	QM
088	D	Rad Cover	Ctr		I	Metal	White	0.0	QM
Interior Room 005 1R Bed 2									
101	A	Wall	U Rgt		I	Drywall	White	-0.1	QM
095	A	Baseboard	Lft		I	Wood	White	0.1	QM
100	A	Ceiling			I	Drywall	White	0.0	QM
096	A	Door	Lft	Lft jamb	I	Wood	White	-0.1	QM
097	A	Door	Lft	U Ctr	I	Wood	Varnish	0.3	QM
098	A	Closet	Rgt	Wall	I	Drywall	White	0.2	QM
099	A	Closet	Rgt	Ceiling	I	Drywall	White	-0.1	QM
102	B	Wall	U Ctr		I	Drywall	White	0.1	QM
103	C	Wall	U Lft		I	Drywall	White	0.0	QM
092	C	Window	Lft	Rgt casing	I	Wood	White	-0.1	QM
093	C	Window	Lft	Sash	I	Wood	White	-0.1	QM
094	C	Window	Lft	Sill	I	Wood	White	0.0	QM
104	D	Wall	U Ctr		I	Drywall	White	0.0	QM
Interior Room 006 1R Bed 3									
108	A	Wall	U Ctr		I	Drywall	Yellow	0.0	QM
118	A	Baseboard	Rgt		I	Wood	White	-0.1	QM
106	A	Ceiling			I	Drywall	White	0.0	QM
117	A	Door	Rgt	Lft jamb	I	Wood	White	-0.2	QM
116	A	Door	Rgt	U Ctr	I	Wood	Varnish	0.0	QM
107	A	Closet	Lft	Wall	I	Drywall	Yellow	-0.1	QM
105	A	Closet	Lft	Ceiling	I	Drywall	White	0.3	QM
109	B	Wall	U Ctr		I	Drywall	Yellow	-0.2	QM
110	C	Wall	U Ctr		I	Drywall	Yellow	-0.1	QM
114	C	Window	Rgt	Sash	I	Wood	Varnish	-0.1	QM
113	C	Window	Rgt	Sill	I	Wood	Varnish	0.1	QM
115	C	Window	Rgt	Lft casing	I	Wood	Varnish	-0.2	QM
112	C	Rad Cover	Rgt		I	Metal	White	-0.2	QM
111	D	Wall	U Ctr		I	Drywall	Yellow	-0.1	QM
Interior Room 007 1F Kitchen									
129	A	Wall	U Ctr		I	Drywall	White	0.0	QM
125	A	Baseboard	Rgt		I	Wood	Varnish	-0.1	QM
128	A	Ceiling			I	Drywall	White	0.0	QM
130	B	Wall	U Ctr		I	Drywall	White	-0.1	QM
132	C	Wall	U Ctr		I	Plaster	White	0.4	QM

03161003

124	C	Door	Rgt	Lft casing	I	Wood	Varnish	0.0	QM
123	C	Door	Rgt	U Ctr	I	Wood	Varnish	0.1	QM
126	C	Rad Cover	Ctr		I	Metal	White	-0.1	QM
131	D	Wall	U Ctr		I	Drywall	White	0.0	QM
122	D	Window	Rgt	Rgt casing	I	Wood	Varnish	0.1	QM
121	D	Window	Rgt	Sash	I	Wood	Varnish	0.2	QM
120	D	Window	Rgt	Sill	I	Wood	Varnish	0.1	QM
127	D	Cabinet	Ctr		I	Metal	White	-0.1	QM
119	D	Cabinet	Rgt		I	Wood	White	0.2	QM

Interior Room 008 1F LN

133	A	Wall	U Ctr		I	Plaster	Beige	0.2	QM
139	A	Baseboard	Rgt		I	Wood	Varnish	0.0	QM
142	A	Window	Rgt	Rgt casing	I	Wood	Varnish	0.0	QM
141	A	Window	Rgt	Sash	I	Wood	Varnish	0.1	QM
140	A	Window	Rgt	Sill	I	Wood	Varnish	0.1	QM
134	B	Wall	U Ctr		I	Plaster	Beige	0.1	QM
135	C	Wall	U Ctr		I	Plaster	Beige	0.1	QM
136	D	Ceiling			I	Plaster	Beige	0.1	QM
138	D	Door	Rgt	Rgt casing	I	Wood	Varnish	0.2	QM
137	D	Door	Rgt	U Ctr	I	Wood	Varnish	0.2	QM

Interior Room 009 1F Bedroom

152	A	Wall	U Ctr		I	Drywall	Beige	-0.1	QM
146	A	Floor			I	Wood	Varnish	0.1	QM
151	A	Ceiling			I	Drywall	White	0.2	QM
144	A	Window	Rgt	Sash	I	Wood	Varnish	-0.1	QM
145	A	Window	Rgt	Sill	I	Wood	Varnish	-0.1	QM
143	A	Window	Rgt	Lft casing	I	Wood	Varnish	0.1	QM
150	B	Rad Cover	Ctr		I	Metal	White	-0.2	QM
147	C	Baseboard	Rgt		I	Wood	Varnish	0.1	QM
149	C	Door	Rgt	Rgt jamb	I	Wood	Varnish	0.1	QM
148	C	Door	Rgt	U Ctr	I	Wood	Varnish	0.0	QM
153	D	Wall	U Ctr		I	Drywall	Beige	-0.1	QM

Interior Room 010 1F Hallway

158	A	Door	Lft	U Ctr	I	Wood	Varnish	-0.1	QM
161	A	Closet	Ctr	Shelf	I	Wood	Varnish	0.1	QM
155	C	Wall	U Rgt		I	Drywall	White	0.1	QM
160	C	Baseboard	Rgt		I	Wood	Varnish	0.1	QM
159	C	Floor			I	Wood	Varnish	0.0	QM
154	C	Ceiling			I	Drywall	White	0.0	QM
156	D	Wall	U Lft		I	Drywall	White	-0.1	QM
157	D	Door	Lft	Lft jamb	I	Wood	Varnish	0.1	QM

Interior Room 011 1F Bathroom

168	A	Wall	U Ctr		I	Drywall	White	0.1	QM
169	A	Ceiling			I	Drywall	White	0.0	QM
163	A	Door	Lft	Lft jamb	I	Wood	Varnish	0.0	QM
162	A	Door	Lft	U Ctr	I	Wood	Varnish	-0.1	QM
170	B	Wall	U Lft		I	Drywall	White	0.0	QM

03161003

167	C	Wall	U Ctr		I	Drywall	White	0.0	QM
166	D	Wall	U Ctr		I	Drywall	White	0.0	QM
164	D	Cabinet	Lft		I	Wood	White	-0.1	QM
165	D	Rad Cover	Ctr		I	Metal	White	0.1	QM

Interior Room #12 2F Bathroom

171	A	Wall	U Ctr		I	Drywall	White	0.0	QM
172	B	Wall	U Ctr		I	Drywall	White	0.0	QM
176	B	Baseboard	Lft		I	Wood	Varnish	-0.2	QM
175	B	Ceiling			I	Drywall	White	0.1	QM
178	B	Door	Lft	Rgt jamb	I	Wood	Varnish	-0.1	QM
177	B	Door	Lft	U Ctr	I	Wood	Varnish	-0.1	QM
173	C	Wall	U Ctr		I	Drywall	White	0.1	QM
174	D	Wall	U Ctr		I	Drywall	White	0.1	QM

Interior Room #13 2F Kitchen

193	A	Wall	U Rgt		I	Plaster	White	3.0	QM
185	A	Baseboard	Ctr		I	Wood	White	-0.1	QM
186	A	Door	Ctr	Lft jamb	I	Wood	White	-0.1	QM
184	A	Cabinet	Lft		I	Wood	Varnish	0.1	QM
194	A	Hester	Rgt		I	Metal	Brown	0.0	QM
190	B	Wall	U Rgt		I	Plaster	White	3.7	QM
189	B	Ceiling			I	Drywall	White	0.1	QM
187	B	Closet	Rgt	Shelf	I	Wood	Varnish	0.3	QM
188	B	Closet	Rgt	Ceiling	I	Drywall	White	-0.2	QM
191	C	Wall	U Ctr		I	Plaster	White	4.2	QM
179	C	Door	Ctr	Rgt casing	I	Wood	Varnish	0.0	QM
180	C	Door	Ctr	U Ctr	I	Wood	Varnish	0.0	QM
192	D	Wall	U Ctr		I	Plaster	White	3.7	QM
183	D	Window	Lft	Rgt casing	I	Wood	Varnish	0.2	QM
182	D	Window	Lft	Sash	I	Wood	Varnish	0.1	QM
181	D	Window	Lft	Sill	I	Wood	Varnish	0.3	QM

Interior Room #14 2F LR

206	A	Wall	U Ctr		I	Drywall	Gray	0.0	QM
198	A	Window	Rgt	Rgt casing	I	Wood	White	-0.1	QM
197	A	Window	Rgt	Sash	I	Wood	Varnish	0.0	QM
199	A	Window	Rgt	Well	D	Wood	White	0.1	QM
203	B	Wall	U Rgt		I	Drywall	Gray	-0.1	QM
200	B	Baseboard	Ctr		I	Wood	White	-0.1	QM
202	B	Ceiling			I	Drywall	White	0.0	QM
196	B	Door	Lft	U Ctr	I	Wood	Varnish	0.0	QM
201	B	Door	Ctr	Rgt jamb	I	Wood	White	0.0	QM
204	C	Wall	U Ctr		I	Drywall	Gray	0.0	QM
195	C	Hester	Lft		I	Metal	Brown	0.1	QM
205	D	Wall	U Ctr		I	Drywall	Gray	-0.2	QM

Interior Room #15 2F Bed 1

211	A	Wall	U Lft		I	Plaster	Blue	2.4	QM
207	A	Ceiling			I	Drywall	White	0.1	QM
213	A	Window	Lft	Sash	I	Wood	White	0.0	QM

03161003

212	A	Window	Lft	Sill	I	Wood	White	0.0	QM
214	A	Window	Lft	Lft casing	I	Wood	White	0.0	QM
208	B	Wall	U Ctr		I	Plaster	Blue	2.5	QM
209	C	Wall	U Ctr		I	Plaster	Blue	2.7	QM
210	D	Wall	U Ctr		I	Plaster	Blue	3.0	QM
215	D	Baseboard	Rgt		I	Wood	White	0.0	QM
216	D	Door	Rgt	Lft jamb	I	Wood	White	-0.1	QM
217	D	Door	Rgt	U Ctr	I	Wood	Varnish	0.1	QM

Interior Room 016 2F Bed 2

229	A	Wall	U Ctr		I	Plaster	Blue	3.9	QM
230	B	Wall	U Ctr		I	Plaster	Blue	3.1	QM
220	B	Baseboard	Ctr		I	Wood	Varnish	-0.1	QM
222	B	Window	Ctr	Sash	I	Wood	White	0.1	QM
223	B	Window	Ctr	Well	D	Wood	White	-0.1	QM
221	B	Window	Ctr	Lft casing	I	Wood	Varnish	-0.1	QM
227	C	Wall	U Lft		I	Plaster	Blue	2.5	QM
224	C	Ceiling			I	Drywall	White	-0.1	QM
219	C	Door	Lft	Lft casing	I	Wood	Varnish	0.1	QM
218	C	Door	Lft	U Ctr	I	Wood	Varnish	0.1	QM
226	C	Closet	Lft	Wall	I	Plaster	Gray	4.3	QM
231	C	Closet	Lft	Shelf Sup.	I	Wood	Gray	0.1	QM
225	C	Closet	Lft	Ceiling	D	Plaster	Gray	3.8	QM
228	D	Wall	U Ctr		I	Plaster	Blue	2.9	QM

Interior Room 017 2R Kitchen

243	A	Wall	U Rgt		I	Plaster	White	2.3	QM
233	A	Door	Rgt	Lft casing	I	Wood	Varnish	-0.3	QM
232	A	Door	Rgt	U Ctr	I	Wood	Varnish	0.0	QM
242	B	Wall	U Lft		I	Plaster	White	2.1	QM
238	B	Baseboard	Lft		I	Wood	White	0.1	QM
241	B	Ceiling			I	Drywall	White	-0.1	QM
239	B	Door	Lft	Lft jamb	I	Wood	White	0.1	QM
240	B	Door	Lft	U Ctr	I	Wood	White	0.3	QM
245	C	Wall	U Lft		I	Drywall	White	-0.1	QM
246	C	Hester	Lft		I	Drywall	Brown	0.0	QM
247	C	Cabinet	Lft		I	Wood	White	0.1	QM
244	D	Wall	U Ctr		I	Plaster	White	2.0	QM
237	D	Window	Lft	Rgt casing	I	Wood	Varnish	0.1	QM
236	D	Window	Lft	Sash	I	Wood	Varnish	0.2	QM
235	D	Window	Lft	Sill	I	Wood	Varnish	0.1	QM
234	D	Cabinet	Rgt		I	Wood	Varnish	-0.3	QM

Interior Room 018 2R Bathroom

254	A	Wall	U Ctr		I	Drywall	White	-0.1	QM
248	A	Cabinet	Lft		I	Wood	Varnish	0.1	QM
253	C	Wall	U Ctr		I	Drywall	White	-0.1	QM
252	D	Wall	U Ctr		I	Drywall	White	-0.1	QM
251	D	Ceiling			I	Drywall	White	-0.2	QM
249	D	Door	Rgt	Rgt jamb	I	Wood	White	0.2	QM
250	D	Door	Rgt	U Ctr	I	Wood	White	0.0	QM

03161603

Interior Room @19 2R Bed 1

256	A	Wall	L Ctr		I	Drywall	White	-0.2	QM
255	A	Ceiling			I	Drywall	White	-0.1	QM
259	B	Wall	U Ctr		I	Drywall	White	0.0	QM
265	B	Window	Ctr	Sash	I	Wood	Brown	0.2	QM
263	B	Window	Ctr	Well	I	Wood	White	0.1	QM
264	B	Window	Ctr	Sill	I	Wood	Brown	0.0	QM
266	B	Window	Ctr	Lft casing	I	Wood	Brown	0.0	QM
258	C	Wall	U Ctr		I	Plaster	White	1.0	QM
257	D	Wall	L Rgt		I	Plaster	White	1.7	QM
260	D	Baseboard	Ctr		I	Wood	White	0.0	QM
261	D	Door	Ctr	Lft jamb	I	Wood	White	0.0	QM
262	D	Door	Ctr	U Ctr	I	Wood	White	0.2	QM

Interior Room @20 2R Bed 2

277	A	Wall	U Ctr		I	Drywall	White	0.1	QM
276	B	Wall	U Ctr		I	Drywall	White	0.0	QM
268	B	Window	Ctr	Sash	I	Wood	Brown	0.0	QM
270	B	Window	Ctr	Well	I	Wood	White	0.0	QM
269	B	Window	Ctr	Sill	I	Wood	Brown	0.3	QM
267	B	Window	Ctr	Lft casing	I	Wood	Brown	0.0	QM
275	C	Wall	U Ctr		I	Drywall	White	0.6	QM
274	D	Wall	U Lft		I	Plaster	White	1.0	QM
271	D	Baseboard	Lft		I	Wood	White	0.0	QM
273	D	Ceiling			I	Drywall	White	-0.1	QM
272	D	Door	Lft	Rgt jamb	I	Wood	White	0.1	QM

Interior Room @21 2R Bed 3

278	A	Wall	L Ctr		I	Drywall	White	0.1	QM
279	B	Wall	L Ctr		I	Drywall	White	0.1	QM
291	B	Window	Ctr	Rgt casing	I	Wood	Varnish	0.0	QM
292	B	Window	Ctr	Sash	I	Wood	Varnish	0.1	QM
289	B	Window	Ctr	Well	I	Wood	White	-0.2	QM
290	B	Window	Ctr	Sill	I	Wood	White	0.0	QM
280	C	Wall	L Ctr		I	Drywall	White	0.0	QM
288	C	Baseboard	Rgt		I	Wood	White	0.3	QM
293	C	Door	Rgt	U Ctr	I	Metal	White	0.1	QM
282	D	Wall	U Lft		I	Drywall	White	0.0	QM
281	D	Ceiling			I	Drywall	White	0.1	QM
287	D	Door	Rgt	Rgt casing	I	Wood	White	-0.1	QM
286	D	Door	Rgt	U Ctr	I	Wood	White	0.0	QM
283	D	Closet	Lft	Wall	I	Drywall	White	0.0	QM
285	D	Closet	Lft	Shelf Sup.	I	Wood	White	0.1	QM
284	D	Closet	Lft	Ceiling	I	Drywall	White	0.3	QM

Interior Room @22 2R LR

307	A	Wall	U Rgt		I	Drywall	White	0.3	QM
296	A	Hester	Rgt		I	Metal	Brown	0.1	QM
297	A	Cabinet	Rgt		I	Wood	Varnish	0.0	QM
306	B	Wall	U Rgt		I	Drywall	White	-0.1	QM

03161003									
305	B	Door	Rgt	U Ctr	I	Wood	White	0.1	QM
309	C	Wall	U Ctr		I	Drywall	White	0.0	QM
302	C	Baseboard	Ctr		I	Wood	Varnish	0.3	QM
303	C	Baseboard	Ctr		I	Wood	White	0.1	QM
310	C	Ceiling			I	Drywall	White	0.0	QM
304	C	Door	Ctr	Lft jamb	I	Wood	White	0.1	QM
301	C	Closet	Ctr	Shelf Sup.	I	Wood	Varnish	-0.1	QM
311	C	Closet	Rgt	Wall	I	Plaster	White	1.4	QM
312	C	Closet	Rgt	Ceiling	D	Plaster	White	1.0	QM
308	D	Wall	U Ctr		I	Drywall	White	0.0	QM
299	D	Window	Rgt	Sash	I	Wood	Varnish	0.0	QM
298	D	Window	Rgt	Sill	I	Wood	Varnish	0.0	QM
300	D	Window	Rgt	Lft casing	I	Wood	Varnish	0.0	QM

Interior Room 023 Stairway

330	A	Wall	L Lft		D	Plaster	Brown	1.0	QM
316	A	Wall	U Rgt		D	Plaster	White	0.3	QM
327	A	Door	Ctr	U Ctr	D	Wood	Brown	0.2	QM
318	A	Door	Rgt	Rgt casing	D	Wood	Varnish	0.0	QM
317	A	Door	Rgt	U Ctr	D	Wood	Varnish	0.4	QM
323	A	Stairs	Ctr	Baseboard	D	Wood	Brown	-0.3	QM
321	A	Stairs	Ctr	Treads	D	Wood	Brown	-0.1	QM
322	A	Stairs	Ctr	Risers	D	Wood	Brown	-0.3	QM
319	A	Stairs	Ctr	Newel post	D	Wood	Brown	0.1	QM
326	A	Stairs	Ctr	Stringer	D	Wood	Brown	-0.3	QM
320	A	Stairs	Ctr	Balusters	D	Wood	Brown	0.3	QM
329	A	Corner Bd	Lft		D	Wood	Brown	0.3	QM
331	B	Wall	L Rgt		D	Plaster	Brown	0.0	QM
324	B	Baseboard	Ctr		D	Wood	Brown	0.0	QM
325	B	Window	Ctr	Sill	D	Wood	Brown	0.0	QM
332	C	Wall	L Lft		D	Plaster	Brown	1.0	QM
315	C	Wall	U Ctr		D	Plaster	White	0.4	QM
314	D	Wall	U Ctr		D	Plaster	White	1.0	QM
313	D	Ceiling			D	Plaster	White	1.0	QM
333	D	Door	Lft	U Ctr	I	Metal	White	0.0	QM
328	D	Transon	Lft		D	Wood	Brown	0.2	QM
334	D	Pipe	Rgt		I	Metal	White	0.2	QM

Calibration Readings

001								1.0	TC
002								1.0	TC
003								1.1	TC
335								1.1	TC
336								1.1	TC
337								1.1	TC

---- End of Readings ----

LEAD DUST AND SOIL LABORATORY RESULTS



EMSL Analytical, Inc.

4140 Litt Drive, Hillside, IL 60162
Phone/Fax: (773) 313-0099 / (773) 313-0139
<http://www.EMSL.com> chicago@emsl.com

EMSL Order: 261902847
CustomerID: INNE62
CustomerPO:
ProjectID:

Attn: **James Sundberg**
Innerspace Environmental
PO Box 231
Elburn, IL 60119

Phone: (630) 365-9910
Fax: (630) 365-9912
Received: 03/18/19 8:00 AM
Collected:

Project: ██████████, EAST CHICAGO, IN - ██████████

Test Report: Lead In Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
13091F-01	261902847-0001 Site: 1F LR, FL		3/19/2019	144 in ²	<10 µg/ft ²
13091F-02	261902847-0002 Site: 1F LR, WS		3/19/2019	90 in ²	<16 µg/ft ²
13091F-03	261902847-0003 Site: 1F KIT, FL		3/19/2019	144 in ²	<10 µg/ft ²
13091F-04	261902847-0004 Site: 1F KIT, WS		3/19/2019	90 in ²	46 µg/ft ²
13091F-05	261902847-0005 Site: 1F BED, FL		3/19/2019	144 in ²	<10 µg/ft ²
13091F-06	261902847-0006 Site: 1F BED, WS		3/19/2019	90 in ²	26 µg/ft ²
13091F-07	261902847-0007 Site: 1F BATH, FL		3/19/2019	144 in ²	<10 µg/ft ²
13091F-08	261902847-0008 Site: STAIRWELL, FL (1)		3/19/2019	144 in ²	16 µg/ft ²

Lisa M. Odeshoo

Lisa Odeshoo, Lead Lab Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 µg/ft² (µg/m² x area sampled in ft²). Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependent on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAP unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc. Hillside, IL. ARHA-LAP, LLC-ELLAP Accredited #102992

Initial report from 03/19/2019 12:02:23



EMSL Analytical, Inc.

4140 Litt Drive, Hillside, IL 60162
Phone/Fax: (773) 313-0099 / (773) 313-0139
<http://www.EMSL.com> chicago@emsl.com

EMSL Order: 261902848
CustomerID: INNE62
CustomerPO:
ProjectID:

Attn: **James Sundberg**
Innerspace Environmental
PO Box 231
Elburn, IL 60119

Phone: (630) 365-9910
Fax: (630) 365-9912
Received: 03/18/19 8:00 AM
Collected:

Project: ██████████ EAST CHICAGO, IN ██████████

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
13092F-01	261902848-0001 Site: 2F BATH, FL		3/19/2019	144 in ²	<10 µg/ft ²
13092F-02	261902848-0002 Site: 2F KIT, FL		3/19/2019	144 in ²	<10 µg/ft ²
13092F-03	261902848-0003 Site: 2F KIT, WS		3/19/2019	45 in ²	75 µg/ft ²
13092F-04	261902848-0004 Site: 2F LR, WS		3/19/2019	45 in ²	43 µg/ft ²
13092F-05	261902848-0005 Site: 2F BED 1, WS		3/19/2019	45 in ²	200 µg/ft ²
13092F-06	261902848-0006 Site: 2F BED 2, WS		3/19/2019	45 in ²	41 µg/ft ²
13092F-07	261902848-0007 Site: 2F BED 2, FL		3/19/2019	144 in ²	180 µg/ft ²
13092F-08	261902848-0008 Site: STAIRWELL, FL (2)		3/19/2019	144 in ²	<10 µg/ft ²
13092F-09	261902848-0009 Site: STAIRWELL, TOP CLOCK		3/19/2019	144 in ²	<10 µg/ft ²

Lisa Odeshoo, Lead Lab Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 µg/wrpe µg/ft² x area sampled in ft². Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependent on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAP unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc. Hillside, IL AHA-LAP, LLC--ELLAP Accredited #102992

Initial report from 03/19/2019 12:03:19



EMSL Analytical, Inc.

4140 Litt Drive, Hillside, IL 60162
Phone/Fax: (773) 313-0099 / (773) 313-0139
<http://www.EMSL.com> chicago@emsl.com

EMSL Order: 261902849
CustomerID: INNE62
CustomerPO:
ProjectID:

Attn: **James Sundberg**
Innerspace Environmental
PO Box 231
Elburn, IL 60119

Phone: (630) 365-9910
Fax: (630) 365-9912
Received: 03/18/19 8:00 AM
Collected:

Project: ██████████, EAST CHICAGO, IN - ██████████

Test Report: Lead In Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
13091R-01	261902849-0001 Site: 1R LR, FL		3/18/2019	144 in ²	<10 µg/ft ²
13091R-02	261902849-0002 Site: 1R LR, WS		3/18/2019	72 in ²	<20 µg/ft ²
13091R-03	261902849-0003 Site: 1R KIT, FL		3/18/2019	144 in ²	<10 µg/ft ²
13091R-04	261902849-0004 Site: 1R KIT, WS		3/18/2019	60 in ²	<24 µg/ft ²
13091R-05	261902849-0005 Site: 1R BATH, FL		3/18/2019	144 in ²	<10 µg/ft ²
13091R-06	261902849-0006 Site: 1R BED 1, WS		3/18/2019	36 in ²	88 µg/ft ²
13091R-07	261902849-0007 Site: 1R BED 2, WS		3/18/2019	36 in ²	48 µg/ft ²
13091R-08	261902849-0008 Site: 1R BED 3, WS		3/18/2019	36 in ²	<40 µg/ft ²
13091R-09	261902849-0009 Site: 1R BED 3, TOP CLOCK		3/18/2019	144 in ²	<10 µg/ft ²

Lisa Odeshoo, Lead Lab Manager
or other approved signatory

*Analysis following Lead In Dust by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 10 µg/ft² (µg/ft² x area sampled in ft²). Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependent on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAP unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc. Hillside, IL AHA-LAP, LLC-ELLAP Accredited #102992

Initial report from 03/19/2019 12:06:20



EMSL Analytical, Inc.

4140 Litt Drive, Hillside, IL 60162
Phone/Fax: (773) 313-0099 / (773) 313-0139
<http://www.EMSL.com> chicago@emsl.com

EMSL Order: 261902850
CustomerID: INNE62
CustomerPO:
ProjectID:

Attn: **James Sundberg**
Innerspace Environmental
PO Box 231
Elburn, IL 60119

Phone: (630) 365-9910
Fax: (630) 365-9912
Received: 03/18/19 8:00 PM
Collected:

Project: ██████████ EAST CHICAGO, IN ██████████

Test Report: Lead In Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
13092R-01	261902850-0001 Site: 2R KIT FL		3/18/2019	144 in ²	<10 µg/ft ²
13092R-02	261902850-0002 Site: 2R KIT WS		3/18/2019	36 in ²	<40 µg/ft ²
13092R-03	261902850-0003 Site: 2R BATH, FL		3/18/2019	144 in ²	<10 µg/ft ²
13092R-04	261902850-0004 Site: 2R LR, WS		3/18/2019	36 in ²	<40 µg/ft ²
13092R-05	261902850-0005 Site: 2R BED 1, WS		3/18/2019	36 in ²	<40 µg/ft ²
13092R-06	261902850-0006 Site: 2R BED 2, WS		3/18/2019	36 in ²	<40 µg/ft ²
13092R-07	261902850-0007 Site: 2R BED 2, WS		3/18/2019	36 in ²	<40 µg/ft ²
13092R-08	261902850-0008 Site: STAIRWAY, WS		3/18/2019	90 in ²	<16 µg/ft ²

Lisa Odeshoo, Lead Lab Manager
or other approved signatory

*Analyses following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 µg/wipe. µg/wipe = µg/ft² x area sampled in ft². Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependent on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAP unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc. Hillside, IL AHA-LAP LLC-ELLAP Accredited #102992

Initial report from 03/19/2019 12:07:00



EMSL Analytical, Inc.

4140 LIR Drive, Hillside, IL 60162
Phone/Fax: (773) 313-0099 / (773) 313-0139
<http://www.EMSL.com> chicago@emsl.com

EMSL Order: 261902853
CustomerID: INNE62
CustomerPO:
ProjectID:

Attn: **James Sundberg**
Innerspace Environmental
PO Box 231
Elburn, IL 60119

Phone: (630) 365-9910
Fax: (630) 365-9912
Received: 03/18/19 8:00 AM
Collected:

Project: [REDACTED], EAST CHICAGO, IN

Test Report: Lead In Soils by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Weight	Lead Concentration
1309-S01	261902853-0001	3/19/2019		0.5094 g	160 mg/Kg
	Desc: BUILDING, EAST YARD, BARE SOIL				
1309-S02	261902853-0002	3/19/2019		0.5040 g	300 mg/Kg
	Desc: BUILDING, SOUTH YARD, BARE SOIL				

Soil results reported using dry sample weight.

Lisa Odeshoo, Lead Lab Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limits 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc. Hillside, IL. AHA-LAP, LLC-ELLAP Accredited #102992

Initial report from 03/19/2019 15:52:38

PO Box 231
Elburn, Illinois 60119

261902847

DUST (WIPE)/LEAD SAMPLE LABORATORY ANALYSIS FORM

Project No:	
Address: ██████████, East Chicago, IN	
Client: Elevate Energy ██████████	
Employee: James W. Sundberg	
Date: March 16, 2019	
Job Description:	

Field Number	Area (sq. ft.)	Lead Concentration (ug/ft ²)	Type of material, present condition & location where sample was taken
13091F-01	12' x 12' = 144m ²		IF LR, FL
-02	5' x 18' = 90m ²		LR, WS
-03	12' x 12' = 144m ²		KIT, FL
-04	5' x 18' = 90m ²		KIT, WS
-05	12' x 12' = 144m ²		Bed, FL
-06	5' x 18' = 90m ²		Bed, WS
-07	12' x 12' = 144m ²		↓ Bath, FL
↓ -08	12' x 12' = 144m ²		Stairwell, FL (1)

TURN AROUND TIME	24 Hr	COMMENTS PLEASE email RESULTS TO Jay @ jaywsun@comcast.net Blanks are Ghost Wipes from Lab. ASTM approved.
	48 Hr	
	7 Hr	
	5 Day	

CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>James W. Sundberg</i>	Date 3/16/19	Time 10:30a	Relinquished by (Signature) <i>James W. Sundberg</i>	Date 3/16/19	Time 1:20p
Dispatched by: (Signature, if mailed)	Date	Time	Received by Laboratory by: <i>[Signature]</i>	Date 3/17/19	Time 8:20am

DB

261902848

DUST (WIPE)/LEAD SAMPLE LABORATORY ANALYSIS FORM

Project No:	
Address: [REDACTED], East Chicago, IN	
Client: Elevate Energy [REDACTED]	
Employee: James W. Sundberg	
Date: March 16, 2019	
Job Description:	

Field Number	Area (sq. ft.)	Lead Concentration (ug/ft ²)	Type of material, present condition & location where sample was taken
13692F-01	12 x 12 = 144in ²		2F Bath, FL
-02	12 x 12 = 144in ²		2F KIT, FL
-03	2 1/2 x 18 = 45in ²		KIT, WS
-04	↓ = 45in ²		LR, WS
-05	↓ = 45in ²		Bed 1, WS
-06	1 1/2 x 30 = 45in ²		Bed 2, WS
-07	12 x 12 = 144in ²		↓ Bed 2, FL
-08	↓ = 144in ²		Stairwell, FL (2)
-09	↓ = 144in ²		Stairwell, Top Clock

TURN AROUND TIME	24 Hr 48 Hr 24 Hr 5 Day	COMMENTS PLEASE email RESULTS TO Jay @ jaywsun@comcast.net Blanks are Ghost Wipes from Lab. ASTM approved.
-------------------------	--	--

CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>James W. Sundberg</i>	Date 3/16/19	Time 11 a	Relinquished by (Signature) <i>James W. Sundberg</i>	Date 3/16/19	Time 1:20 p
Dispatched by: (Signature, if mailed)	Date	Time	Received for Laboratory by: <i>[Signature]</i>	Date 3/18/19	Time 8:00 AM

AB

PO Box 231
Elburn, Illinois 60119

261902849

DUST (WIPE)/LEAD SAMPLE LABORATORY ANALYSIS FORM

Project No:	
Address: [REDACTED] East Chicago, IN	
Client: Elevate Energy [REDACTED]	
Employee: James W. Sundberg	
Date: March 16, 2019	
Job Description:	

Field Number	Area (sq. ft.)	Lead Concentration (ug/ft ²)	Type of material, present condition & location where sample was taken
1309R-01	12'x12' = 144in ²		IR LR, FL
-02	4x10 = 72in ²		IR LR, WS
-03	12x12 = 144in ²		IR KIT, FL
-04	5x12 = 60in ²		IR KIT, WS
-05	12x12 = 144in ²		IR Booth, FL
-06	12x18 = 36in ²		IR Bell, WS
-07	↓ = 3in ²		IR ↓ 2' WS
-08	↓ = 3in ²		IR ↓ 3' WS
↓ -09	12x12 = 144in ²		IR Bed 3, Top Clock

TURN AROUND TIME	24Hr 48Hr 72Hr 5 Day	COMMENTS PLEASE email RESULTS TO Jay @ jaywsun@comcast.net Blanks are Ghost Wipes from Lab. ASTM approved.
-------------------------	---	--

CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>James W. Sundberg</i>	Date 3/16/19	Time 10am	Relinquished by (Signature) <i>James W. Sundberg</i>	Date 3/16/19	Time 1:20p
Dispatched by: (Signature, if mailed)	Date	Time	Received for laboratory by: <i>[Signature]</i>	Date 3/17/19	Time 8:20AM

DS

261902850

DUST (WIPE)/LEAD SAMPLE LABORATORY ANALYSIS FORM

Project No:	
Address:	██████████ East Chicago, IN
Client:	Elevate Energy ██████████
Employee:	James W. Sundberg
Date:	March 16, 2019
Job Description:	

Field Number	Area (sq. ft.)	Lead Concentration (ug/ft ²)	Type of material, present condition & location where sample was taken
1309 ZR -01	12'x12' = 144in ²		ZR Kit FL
-02	2x18 = 36in ²		ZR KIT WS
-03	12x12 = 144in ²		ZR Bath FL
-04	2x18 = 36in ²		LR WS
-05	↓ = 36in ²		Bed 1 WS
-06	↓ = 36in ²		Bed 2 WS
-07	↓ = 36in ²		↓ Bed 2 WS
-08	5x18 = 90in ²		Stairway WS

TURN AROUND TIME	24HR 48HR 30Day 5 Day	COMMENTS PLEASE email RESULTS TO Jay @ jaywsun@comcast.net Blanks are Ghost Wipes from Lab. ASTM approved.
-------------------------	--	--

CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>James W. Sundberg</i>	Date 3/16/19	Time 11:30	Relinquished by (Signature) <i>James W. Sundberg</i>	Date 3/16/19	Time 1:00p
Dispatched by: (Signature, If mailed)	Date	Time	Received for Laboratory by: <i>[Signature]</i>	Date 5/17/19	Time 8:00am

JB

**RISK ASSESSOR LICENSE
LABORATORY ACCREDITATION**

January 13, 2017


Based upon the review of your license application, the Indiana Lead and Healthy Homes Program has determined that you have fulfilled the requirements of 410 IAC 32 and are eligible for licensing in the following lead based discipline: **Lead Risk Assessor**

Enclosed is your Lead Risk Assessor license card. This card must be available for review at all times while you are implementing a lead-based project.

This license may be revoked, pursuant to 410 IAC 32-2.8, if you:


- (1) Violate any requirements of these rules (410 IAC 32), or any other federal, state or local regulation pertaining to lead based paint activities.
- (2) Falsify information on your application for licensing.
- (3) Fail to meet any qualifications specified in 410 IAC 32.
- (4) Conduct a lead-based paint project or related lead-based activity in a manner that is hazardous to the public health.

Your license is valid effective 12/01/2004 and will expire on 12/01/2019, as indicated on your card. We suggest that you attend the required training and submit an application for license renewal early to insure your license does not lapse. In order to avoid re-taking the initial training course, you must attend a refresher in the discipline you are seeking a license within three (3) years from the date of issuance of your last training course certificate.



Indiana State Department of Health
James W. Sundberg
Lead Risk Assessor License # IN2103127

Effective: 12/01/2004	Expiration: 12/01/2019
Birth Date: 11/05/1968	Gender: M
Height: 6'2"	Eye Color: HAZ
Weight: 250	Hair Color: BRO



Indiana State Department of Health
100 N. Senate Avenue, N555
Indianapolis, Indiana 46204

Lead Risk Assessor

Certificate Number	Expiration Date
IN2103127	12/01/2019

James W. Sundberg

Jerome M. Adams, MD, MPH
State Health Commissioner
Indiana State Department of Health

© 2013, 10/20/14 942911-00



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc

4140 Litt Drive, Hillside, IL 60162-1120

Laboratory ID 102992

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025 2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following

LABORATORY ACCREDITATION PROGRAMS

- | | |
|--|--|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires September 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires September 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires September 01, 2020 |
| <input type="checkbox"/> FOOD | Accreditation Expires |
| <input type="checkbox"/> UNIQUE SCOPES | Accreditation Expires |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025 2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Elizabeth Bair

Elizabeth Bair
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 16 03/21/2018

Date Issued 08/31/2018

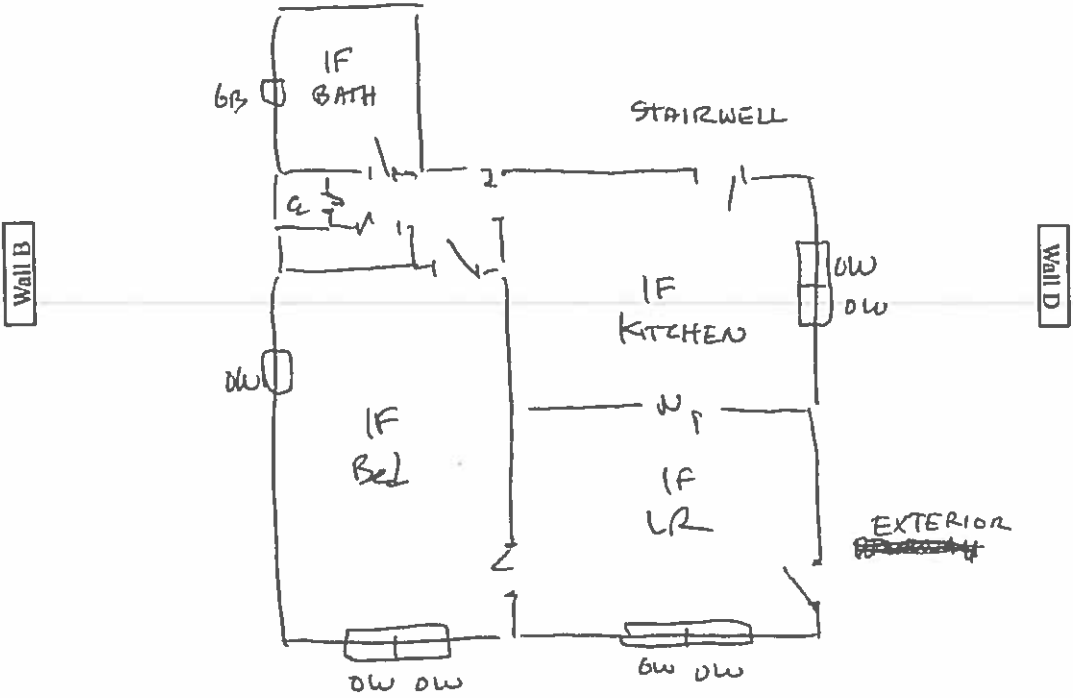
LEAD HAZARD PAMPHLET

<http://www.epa.gov/lead/pubs/renovaterightbrochure.pdf>

PROPERTY AND HOME LAYOUT

[REDACTED]
East Chicago, IN 46312

Wall C



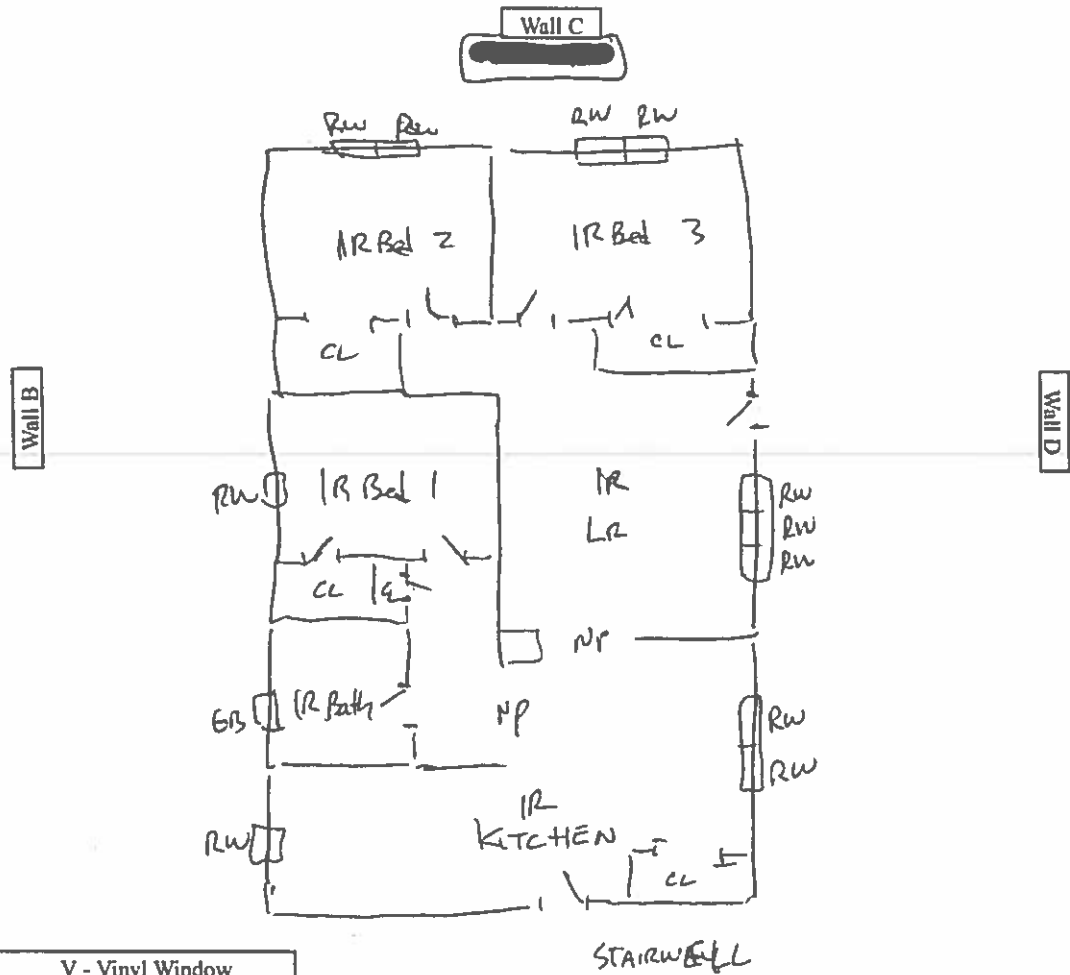
- V - Vinyl Window
- OW - Wood Window
- OH - Overhead Door
- NP - No Door Panel
- CL - Closet
- GB - Glass Block

N ↓

Wall A

Not to Scale

East Chicago, IN 46312



- V - Vinyl Window
- RW - Wood Window - Replacement
- OH - Overhead Door
- NP - No Door Panel
- CL - Closet
- GB - Glass Block

N
↓
Not to Scale

Lead Based Paint Risk Assessment Report

For The Owner and Property Located at:



East Chicago, IN 46312

Prepared For:



ELEVATE ENERGY

322 South Green Street, Suite 300
Chicago, IL 60607

Prepared By:



**Innerspace
Environmental
Assessment, Inc.**

Inspector and ISDH License Number: James W. Sundberg, 1743

Date Performed: March 18, 2019

Report Issued: March 22, 2019

TABLE OF CONTENTS

I. SUMMARY

Identifying Information
Results
Information

II. VISUAL EXAM AND SAMPLE RESULTS

Form 5.1 Building Condition Form
Form 5.2 Building Component Condition

Analysis of Previous XRF Testing Report

Test Results Performed During Risk Assessment

Form 5.3 Deteriorated or To Be Disturbed or Disturbed Paint Results Above Regulatory Levels

Form 5.4 Field Sampling Form for Dust

Form 5.5 Field Sampling Form for Soil

III. LEAD HAZARD CONTROL OPTIONS

Site Specific Interim Control and Abatement Hazard Control Options

Method of Resident Notification of Results of Risk Assessment

APPENDICES

Summary Lead Based Paint Inspection Report
Detailed Lead Based Paint Inspection Report
Dust and Soil Sample Laboratory Results
Risk Assessor License and Laboratory Certification
Lead Hazard Pamphlet
Layout of Property and Home

I. SUMMARY

Identifying Information

A lead based paint risk assessment and inspection was conducted at [REDACTED], East Chicago, Indiana 46312 for Elevate Energy located at 322 South Green Street, Suite 300, Chicago, IL 60607. The risk assessment was conducted on March 18, 2019 by James W. Sundberg, an Indiana State Department Health (ISDH) licensed Risk Assessor (License Number IN2103127).

Results

Specific focus was given to addressing painted surfaces within the scope of work for this building. The building and its paint are in reasonably good condition overall. However, there were a few areas found that contain lead and in a disturbed condition.

- **Exterior Building Old Wood Window Components (Upper Levels)**
- **Exterior Building Metal Lintels (All Levels)**
- **Exterior Building Wall B Metal Stair System Components and Railings**
- **Exterior Building Wall D Wood Door Headers, Casings, and Jambs (2 Components)**

- **Lead Dust was Identified on 2 Classroom Window Sills tested above the ISDH Regulatory Levels during this Risk Assessment**
- **Bare Soil (and paint chips) along Exterior Building Foundation, Northwest**

Additional sampling was performed to ensure that all components “touched” by future maintenance activities would not disturb LBP. Some of the tested surfaces tested negative for lead content (below 1.0 mg/cm² using XRF technology). These surfaces are not considered to be lead based paint hazards, using criteria in the Indiana State Department of Health (ISDH) Administrative Code (410 IAC 32).

Those surfaces are:

Walls around all Windows, except those listed above and below
Ceilings, except those listed above and below
Interior Door Panels, Jambs, and Casings, except those listed above and below
Baseboards, except those listed above and below
Cabinets, except those listed above and below

A few surfaces tested positive for Lead Based Paint (LBP) but were intact condition during this assessment. Based on appropriate definitions, these areas are not considered LBP Hazards at this time. The Property Owner should ensure that these areas remain in good repair in the future. The areas are:

INTERIOR

2 Classroom Plaster Walls A and B and Closet Walls, Wood Window Components, and Access Door
2 Toilet Plaster Walls A and D and Wood Window Sill
1 Office, 1 Manager Office, 1 Cerrado, and 1 Chappel Plaster Walls and Ceilings and Wood Window Casings
1 Toilet Wood Window Casings
1 Foyer Metal Radiator Cover
Basement NW Room Brick and Drywall Walls and Ceiling and Wall A Wood Door Components

To IEA’s knowledge, there has not been any previous lead based paint testing at this dwelling. If additional surfaces are put into the scope of work for this address, additional testing may be required (or assumed lead). The Lead Inspection and Risk Assessment was performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). Within the specified rooms, most every

surface was tested for the presence or absence of lead. Please refer to the Appendix I and II, Summary and Detailed LBP Inspection Reports for a listing of all components and the lead results. The Summary Report displays all components that tested at or above the current Indiana State Department of Health (ISDH) regulatory level for Paint, via X-Ray Fluorescence (XRF), of 1.0 mg/cm². Again, this Risk Assessment focussed on primarily daycare areas and exterior windows and doors not in the daycare areas.

Dust sampling was performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). Current ISDH regulatory levels for dust are 40 µg/ft² for flooring surfaces and 250 µg/ft² for interior window sill surfaces. **1 of the 12 dust samples tested above regulatory limits for lead in dust. Elevated surfaces were identified on the 2 Classroom Window Sills during this Risk Assessment.**

Soil sampling was also performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). There was bare soil observed on the Property during the time and date of the inspection and, therefore, soil samples were collected. Current ISDH regulatory levels for bare soil in play areas is 400 µg/g and 1,200 µg/g for other areas. **1 of the 2 soil samples tested above regulatory limits for lead in soil. Elevated surfaces were identified in the Bare Soil around the Building Foundation, Northwest during this Risk Assessment.**

The owner has not decided on any specific hazard control measures as of this date. Elevate Energy, however, will select hazard control measures, which are all acceptable based on Indiana State Department of Health Administrative Code (410 IAC 32). IEA will recommend at least one preferred Mitigation and Abatement Hazard Control Option for each potential hazard identified. Elevate Energy should be aware that there are other approved ways of reducing these potential lead hazards. If IEA's recommendations are not consistent with Elevate Energy's plans for the property (work or budget), other options may be available.

After the specific work and cleaning activities have been completed, a clearance inspection with dust samples must be conducted by an ISDH licensed Lead Inspector or Risk Assessor to ensure that the work areas are safe before the family reoccupies the designated work areas.

Information

According to Federal (24 CFR Part 35 and 40 CFR Part 745) and State of Indiana (410 IAC 32), Elevate Energy and Future Homeowners shall share the results of this report and any clearance sampling with the family which occupies and/or owns the residence. Elevate Energy shall also provide the family with the HUD/EPA brochure, "*Renovate Right*."

II. VISUAL EXAMINATION AND SAMPLE RESULTS

Form 5.1 Building Condition Form for Lead Hazard Risk Assessment.

Property address [REDACTED] Apt. No. [REDACTED], East Chicago, IN
 Name of property owner tenant
 Name of risk assessor J. Sunberg Date of assessment: 3/18/2019

Condition	Yes	No	Comments
Roof missing parts of surfaces (tiles, boards, shakes, etc.)	✓		
Roof has holes or large cracks	✗		
Gutters or downspouts broken	✗		
Chimney masonry cracked, bricks loose or missing, obviously out of plumb	✗		
Exterior or interior walls have obvious large cracks or holes, requiring more than routine pointing (if masonry) or painting	✗		
Exterior siding has missing boards or shingles			Brick
Water stains on interior walls or ceilings	✗		
Walls or ceilings deteriorated		✓	
More than "very small" amount of paint in a room deteriorated		✓	
Two or more windows or doors broken, missing, or boarded up	✗		
Porch or steps have major elements broken, missing, or boarded up		✓	
Foundation has major cracks, missing material, structure leans, or visibly unsound		✗	
** Total number	8	4	

* The "very small" amount is the *de minimis* amount under the HUD Lead Safe Housing Rule (24 CFR 35.1350(d)), or the amount of paint that is not "paint in poor condition" under the EPA lead training and certification ("402") rule (40 CFR 745.223).

** If the "Yes" column has any checks, the dwelling is usually considered not to be in good condition for the purposes of a risk assessment, and conducting a lead hazard screen is not advisable. However, specific conditions and extenuating circumstances should be considered before determining the final condition of the dwelling and the appropriateness of a lead hazard screen. If the "Yes" column has any checks, and a lead hazard screen is to be performed, describe, below, the extenuating circumstances that justify conducting a lead hazard screen.

Notes (including other conditions of concern): No Garage

Form 5.2 Report of Visual Assessment (for Lead Hazard Risk Assessment).
Form 6.0 Report of Visual Assessment (for Ongoing Lead-Safe Maintenance).

Property address: [Redacted], East Chicago Ave. No. 1N Page 1 of 1
 Name of property owner: Agent Elevate Energy
 Name of risk assessor: J. Gumbars Date of assessment: 3/18/2019

Location of Building Component, Dust or Bare Soil	Area Description		Deteriorated Paint			Friction or Impact Surface? (F or I)	Visible Teeth Marks? (Y or N)	Paint Testing Results ^a	Notes (e.g., paint testing (e.g., XRF, lab analysis) indicates paint is or is not lead-based paint; cause(s) of hazard control failures)
	Building Component, Dust, or Bare Soil Play Area/ Non-Play Area	Area (sq. ft.)	Is Area Small? (Y or N)	Probable Cause(s) of Deterioration if Known ¹	Area Small? (Y or N)				
6 Bldg.	OW Window Components			Maintenance		-	NO	-	
	Lintels							+	
	6 Metal Stair Components							+	
	Stone Window Sills							+	
(2)	D Dr Jamb/Casing/Headers							+	
(Intersect)	Plaster Ceiling/Walls								
	wd Window Components								

¹ Include room equivalent or exterior side or wall, as appropriate.
² Lead-safe work practices and clearance/cleaning verification are not required if work does not disturb painted surfaces that total more than 20 ft² or less on exterior surfaces, 2 ft² or less in any one interior room or space, or 10 percent of the total surface area on an interior or exterior type of component with a small surface area (such as trim, window sills, baseboards).
³ For unassisted housing, and for child-occupied facilities, EPA's minor repair and maintenance activities threshold of: 6 ft² or less per room; or 20 ft² or less for exterior activities; provided that no prohibited or restricted work practices were used and no window replacement or demolition of painted surface areas is to be done.
⁴ Common causes of paint deterioration are: moisture (indicate source if apparent), mildew, friction or abrasion, impact, damaged or deteriorated substrate, and severe heat.
⁵ If paint testing results are obtained on site, use this column to record the result. If a paint chip sample is sent to the laboratory, use this column to record the sample number (or other unique identifier) as a reference to another record containing the sampling data and laboratory results.

Analysis of Previous XRF Testing Report

There is no previous XRF Testing Report; this section is not applicable for this property.

Testing Performed During Risk Assessment

Form 5.3 defers to Appendix I for complete listing of the surfaces that tested positive (at or above 1.0 mg/cm²) for lead based paint. Surfaces classified as deteriorated as defined by the Indiana State Department Health Administrative Code (410 IAC 32) are considered to be Lead Based Paint Hazards. Appendix II is the Detailed Report that displays all the readings that were taken during this Risk Assessment/Inspection. All testing combinations on the property were inspected because the assessor did not have knowledge of the scope of upcoming rehabilitation activities. One of the twelve dust samples (Form 5.4) taken had results above the applicable regulatory levels. There was one soil samples taken that was above the applicable regulatory level on the property at the time and date of the inspection (Form 5.5). Copies of dust and soil sample results can be found in the Appendix II. Regulatory levels for each media are summarized below each table. Water sampling was not performed during this assessment.

Form 5.3

Deteriorated or To Be Disturbed Paint Results Above Regulatory Levels

Name of Risk Assessor: James W. Sundberg

Property Address: [REDACTED], East Chicago, IN

Sample Number	Room	Building Component	XRF Reading (mg/cm ²)
See	Appendix I	For Complete LBP Summary Report	
ISDH/USEPA Regulatory Level		1.0 mg/cm ²	

Form 5.4

Dust Sample Results

Name of Risk Assessor: James W. Sundberg

Property Address: [REDACTED], East Chicago, IN

Sample Number	Room	Component	Lab Result (µg/ft ²)
4316-01	2 Classroom	Floor	16
4316-02	2 Classroom	Window Sill	81,000
4316-03	Foyer	Floor	< 10
4316-04	Main Hallway	Floor	< 10
4316-05	Chappel	Floor	< 10
4316-06	Basement Hallway (Landing)	Floor	16
4316-07	Basement Hallway	Window Sill	< 5.5
4316-08	Classroom 1/2	Floor	12
4316-09	Classroom 1/2	Window Sill	5.8
4316-10	Classroom 3/4	Floor	< 10
4316-11	Classroom 3/4	Window Sill	< 5.5
4316-12	Classroom 5	Floor	17
4316-13	Classroom 5	Top of Clock (Blank)	< 5.0

ISDH/USEPA Regulatory Limits: Floors 40 µg/ft², Interior Window Sills 250 µg/ft², Interior Window Wells 400 µg/ft²

Form 5.5
Soil Sample Results

Name of Risk Assessor: James W. Sundberg

Property Address: ██████████, Chicago, IL

Sample Number	Location	Bare or Covered	Lab Result (mg/Kg)
4316-S01	Building Foundation, Northwest	Bare Soil (Chips)	1,800
4316-S02	Building Back Yard	Bare Soil	280

ISDII/USEPA Regulatory Limits:

400 mg/Kg (bare high contact play), 1200 mg/Kg (bare non-play), 5000 mg/Kg (abatement)

III. LEAD HAZARD CONTROL OPTIONS

Site Specific Interim Controls and Abatement Hazard Control Options

Below can be found each lead hazard with at least 3 hazard control options. Elevate Energy should pick the hazard control option that best fits the needs of the project (approach and budget). If the options do not fit the needs of Elevate Energy, other hazard control options may be available.

Bold numbers next to each job description refer all parties to the exact location where the HUD Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing describe the process. This document will serve as the specifications when the Indiana State Department of Health (ISDH) Lead Contractor is completing the work prescribed by Elevate Energy.

Cost estimates are not included in this report. Precise cost estimates should be obtained from an ISDH-Licensed Lead Based Paint Abatement Contractor. The costs should include labor, materials, worker protection, site containment and cleanup. Clearance testing should be performed at the conclusion of any lead task. Acceptable dust results should be obtained before residents reoccupy that space.

Based on the work and amount of money being spent on the project, abatement options may be the only hazard control options selected. Refer to subpart J of 24 CFR Part 35 for details. Chapter 11 gives detailed guidance on Interim Controls. Chapter 12 describes all Abatement approaches except Encapsulation.

- **Exterior Building Old Wood Window Components (Upper Levels)**
 - Paint Film Stabilization of component (11-13 through 24)
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

- **Exterior Building Metal Lintels (All Levels)**
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

- **Exterior Building Wall B Metal Stair System Components and Railings**
 - Paint Film Stabilization of component (11-13 through 24)
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

- **Exterior Building Wall D Wood Door Headers, Casings, and Jambs (2 Components)**
 - Paint Film Stabilization of component (11-13 through 24) AND
 - Enclosure of components with an approved enclosure system (metal or vinyl) (12-21 through 32)
 - OR**
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - OR**
 - Removal of Component (12-13 through 20)


- **Designated Interior Work Areas including the 2 Classroom Window Sills i**
 - Incorporate controls, then clean and clear (Clean: Chapter 14, Clearance Chapter 15)

- **Bare Soil (and paint chips) along Exterior Building Foundation, Northwest**
 - Remove top 1/2 inch of bare soil with paint chips present and rototill remaining soil to a depth of 8 inches (11-47 through 52)
 - Removal of bare soil to a depth of 3 inches and replacement of clean soil (12-47 through 56)

Method of Resident Notification of Results of Risk Assessment and Lead Hazard Control Program

According to Federal (24 CFR Part 35 and 40 CFR Part 745) and State of Indiana (410 IAC 32), Elevate Energy and Future Homeowners shall share the results of this report and any clearance sampling with the family which occupies and/or owns the residence. Elevate Energy shall also provide the family with the HUD/EPA brochure, "*Renovate Right*."

Respectfully Submitted,
Innerspace Environmental Assessment, Inc.

A handwritten signature in black ink that reads "James W. Sundberg". The signature is written in a cursive style with a large, looping 'S' at the end.

James W. Sundberg
ISDH-Licensed Risk Assessor # IN2103127

APPENDICES

SUMMARY LBP INSPECTION REPORT

03180950									
063	B	Wall	U Ctr		I	Plaster	White	3.1	QM
Interior Room 004 1 Mgr Office									
064	B	Wall	U Ctr		I	Plaster	White	9.0	QM
065	B	Window	Rgt	Rgt casing	I	Wood	White	2.2	QM
Interior Room 005 1 Cerrado									
069	D	Wall	U Ctr		I	Plaster	White	6.9	QM
068	D	Window	Lft	Rgt casing	I	Wood	White	2.3	QM
Interior Room 006 1 Toilet									
070	A	Window	Ctr	Lft casing	I	Wood	Brown	3.0	QM
Interior Room 007 1 Foyer									
072	B	Red Cover	Rgt		I	Metal	Brown	1.7	QM
Interior Room 014 Bsat RM									
138	A	Wall	U Rgt		I	Brick	Gray	1.0	QM
137	A	Door	Rgt	Rgt jamb	I	Wood	Gray	3.1	QM
136	A	Door	Rgt	U Ctr	I	Wood	Gray	1.0	QM
139	B	Wall	U Ctr		I	Brick	Gray	1.0	QM
145	B	Wall	U Rgt		I	Drywall	Gray	2.7	QM
140	C	Wall	U Lft		I	Brick	Gray	1.0	QM
141	C	Wall	U Rgt		I	Wood	Gray	1.0	QM
144	C	Wall	U Rgt		I	Drywall	Gray	2.7	QM
146	D	Ceiling			I	Drywall	Gray	1.7	QM
Calibration Readings									

---- End of Readings ----

DETAILED LBP INSPECTION REPORT

03180950

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Elevate Energy/East Chicago

Inspection Date: 03/18/19
 Report Date: 3/18/2019
 Abatement Level: 1.0
 Report No. S#01377 - 03/18/19 09:50
 Total Readings: 149
 Job Started: 03/18/19 09:50
 Job Finished: 03/18/19 13:30

[REDACTED]
 [REDACTED]
 East Chicago, IN 46312

Read No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Paint Color	Lead (mg/cm ²)	Mode
Exterior Room 001 Building									
014	A	Window	Lft	Lft casing	D	Wood	White	>9.9	QM
012	A	Window	Rgt	Sash	D	Wood	White	>9.9	QM
013	A	Window	Rgt	Lft casing	D	Wood	White	>9.9	QM
019	A	Door	Lft	Lft casing	I	Metal	Brown	0.0	QM
020	A	Door	Lft	U Ctr	I	Metal	Brown	-0.1	QM
005	A	Railing	Ctr	Railing	I	Metal	Black	0.3	QM
006	A	Vent Cover	Lft		I	Metal	Red	0.3	QM
007	A	Lintel	Lft		D	Metal	White	>9.9	QM
004	A	Fence	Ctr		I	Metal	Black	0.0	QM
016	B	Gutter			D	Metal	White	0.2	QM
024	B	Window	Lft	Sill	D	Stone	White	>9.9	QM
025	B	Window	Rgt	Sill	D	Stone	White	>9.9	QM
018	B	Door	Rgt	Rgt casing	I	Metal	Gray	-0.1	QM
017	B	Door	Rgt	U Ctr	I	Metal	Gray	0.2	QM
022	B	Stairs	Lft	Treads	D	Metal	Black	1.0	QM
021	B	Stairs	Lft	Stringer	D	Metal	Black	1.0	QM
023	B	Railing	Lft	Railing	D	Metal	Black	1.0	QM
008	B	Lintel	Rgt		D	Metal	White	>9.9	QM
015	B	Downspout	Rgt		D	Metal	White	0.4	QM
027	C	Duct	Ctr		D	Metal	White	0.3	QM
028	C	Duct Casing	Ctr		D	Wood	White	0.3	QM
010	D	Window	Lft	Rgt casing	D	Wood	White	>9.9	QM
011	D	Window	Lft	Sash	D	Wood	White	9.2	QM
026	D	Window	Lft	Sill	D	Stone	White	>9.9	QM
031	D	Door	Rgt	Header	D	Wood	Red	>9.9	QM
029	D	Door	Rgt	Rgt jamb	D	Wood	White	>9.9	QM
030	D	Door	Rgt	Lft casing	D	Wood	Red	>9.9	QM
032	D	Door	Rgt	U Ctr	D	Metal	Red	0.1	QM
009	D	Lintel	Lft		D	Metal	White	>9.9	QM
Interior Room 001 2 Classroom									
040	A	Wall	L Lft		I	Plaster	White	>9.9	QM
033	A	Window	Lft	Sill	I	Wood	Tan	4.2	QM
034	A	Window	Lft	Lft casing	I	Wood	Tan	3.1	QM
042	A	Door	Ctr	U Ctr	I	Wood	Varnish	0.1	QM
043	A	Door	Rgt	Rgt jamb	I	Wood	Varnish	0.3	QM

03180950

044	A	Door	Rgt	Rgt jamb	I	Wood	White	0.2	QM
037	A	Stairs	Lft	Baseboard	I	Wood	Varnish	0.3	QM
036	A	Stairs	Lft	Risers	I	Wood	Varnish	0.0	QM
035	A	Railing	Lft	Railing	I	Wood	Varnish	0.0	QM
050	A	Closet	Ctr	Wall	I	Plaster	White	7.6	QM
048	A	Closet	Ctr	Ceiling	I	Ceil Tile	White	0.1	QM
049	A	Access Door	Ctr		I	Wood	White	5.9	QM
041	B	Wall	L Ctr		I	Plaster	White	9.9	QM
045	B	Wall	U Ctr		I	Plaster	White	6.3	QM
046	C	Wall	U Ctr		I	Drywall	White	0.0	QM
047	C	Ceiling			I	Ceil Tile	White	0.1	QM
039	D	Wall	L Ctr		D	Plaster	White	8.6	QM
038	D	Stairs	Rgt	Newel post	I	Wood	Varnish	0.1	QM

Interior Room 002 2 Toilet

052	A	Wall	L Lft		I	Plaster	White	7.0	QM
053	A	Ceiling			I	Ceil Tile	White	0.3	QM
055	A	Window	Rgt	Rgt casing	D	Wood	White	3.7	QM
054	A	Window	Rgt	Sill	I	Wood	White	2.2	QM
056	A	Window	Rgt	Sill	D	Plaster	White	8.1	QM
058	C	Door	Rgt	Lft jamb	I	Wood	White	0.1	QM
059	C	Door	Rgt	U Ctr	I	Wood	Varnish	0.1	QM
051	D	Wall	L Lft		I	Plaster	White	5.9	QM
057	D	Sewer Pipe	Rgt		I	Metal	White	0.0	QM

Interior Room 003 1 Office

063	B	Wall	U Ctr		I	Plaster	White	3.1	QM
062	B	Window	Lft	Lft casing	I	Wood	White	0.3	QM
060	D	Floor			I	Wood	Varnish	0.0	QM
061	D	Door	Rgt	Lft casing	I	Wood	Varnish	0.0	QM

Interior Room 004 1 Mgr Office

064	B	Wall	U Ctr		I	Plaster	White	9.0	QM
066	B	Floor			I	Wood	Varnish	-0.2	QM
065	B	Window	Rgt	Rgt casing	I	Wood	White	2.2	QM

Interior Room 005 1 Cerrado

069	D	Wall	U Ctr		I	Plaster	White	6.9	QM
067	D	Floor			I	Wood	Varnish	-0.3	QM
068	D	Window	Lft	Rgt casing	I	Wood	White	2.3	QM

Interior Room 006 1 Toilet

071	A	Window	Ctr	Sill	I	Wood	Brown	0.5	QM
070	A	Window	Ctr	Lft casing	I	Wood	Brown	3.0	QM

Interior Room 007 1 Foyer

072	B	Rad Cover	Rgt		I	Metal	Brown	1.7	QM
-----	---	-----------	-----	--	---	-------	-------	-----	----

Interior Room 008 Bsmt Hall

079	A	Wall	U Ctr		I	Wood	Blue	0.0	QM
080	A	Ceiling			I	Drywall	Grey	-0.2	QM

03180950

083	A	Stairs	Lft	Baseboard	I	Wood	Gray	-0.1	QM
081	A	Stairs	Lft	Treads	I	Wood	Gray	-0.1	QM
082	A	Stairs	Lft	Risers	I	Wood	Gray	0.1	QM
078	B	Wall	L Ctr		I	Wood	Blue	-0.1	QM
088	B	Wall	U Ctr		I	Brick	White	0.1	QM
087	B	Window	Ctr	Sill	I	Stone	White	-0.1	QM
074	B	Door	Lft	Rgt jamb	I	Metal	Gray	-0.2	QM
073	B	Door	Lft	U Ctr	I	Metal	Gray	0.0	QM
077	C	Wall	U Ctr		I	Wood	Blue	0.1	QM
085	C	Door	Rgt	Rgt jamb	I	Wood	White	0.1	QM
084	C	Door	Rgt	U Ctr	I	Metal	Gray	0.2	QM
090	C	Coat Hook	Rgt		I	Wood	Gray	-0.1	QM
089	D	Wall	U Lft		I	Brick	White	0.1	QM
076	D	Wall	U Rgt		I	Wood	Blue	0.1	QM
086	D	Window	Rgt	Sill	I	Stone	White	-0.1	QM
075	D	Railing	Rgt	Railing	I	Wood	Varnish	-0.2	QM

Interior Room 009 B Girl Toile

095	A	Window	Lft	Lft casing	I	Concrete	White	0.1	QM
092	C	Door	Lft	Lft jamb	I	Wood	White	0.0	QM
091	C	Door	Lft	U Ctr	I	Wood	White	-0.2	QM
094	D	Ceiling			I	Drywall	White	-0.2	QM
093	D	Cabinet	Ctr		I	Wood	White	0.0	QM

Interior Room 010 B Boy Toile

101	A	Wall	U Ctr		I	Brick	White	-0.1	QM
100	A	Ceiling			I	Drywall	White	0.3	QM
096	A	Window	Rgt	Rgt casing	I	Concrete	White	0.0	QM
106	B	Wall	U Ctr		I	Wood	Gray	-0.1	QM
105	B	Ceiling			I	Wood	Gray	-0.3	QM
104	B	Joist	Ctr		I	Wood	Gray	0.0	QM
103	C	Wall	U Rgt		I	Brick	White	-0.1	QM
098	C	Door	Rgt	Lft jamb	I	Wood	White	0.0	QM
099	C	Door	Rgt	U Ctr	I	Wood	White	0.0	QM
097	C	Cabinet	Lft		I	Wood	White	-0.1	QM
102	D	Wall	U Ctr		I	Brick	White	-0.1	QM

Interior Room 011 B Class 1/2

107	A	Wall	L Ctr		I	Drywall	Gray	0.0	QM
114	A	Door	Lft	Lft jamb	I	Wood	Gray	0.1	QM
113	A	Door	Lft	U Ctr	I	Metal	Gray	0.1	QM
108	B	Wall	L Ctr		I	Drywall	Gray	0.0	QM
109	C	Wall	L Ctr		I	Drywall	Gray	0.0	QM
110	D	Wall	L Ctr		I	Drywall	Gray	-0.1	QM
111	D	Wall	U Lft		D	Brick	Gray	0.2	QM
112	D	Window	Lft	Sill	I	Concrete	Gray	-0.1	QM

Interior Room 012 B Class 3/4

120	A	Wall	U Ctr		I	Drywall	Gray	0.2	QM
117	B	Wall	U Lft		I	Drywall	Gray	0.0	QM
115	B	Door	Lft	Lft jamb	I	Wood	Gray	0.1	QM

03180950

116	B	Door	Lft	U Ctr	I	Metal	Gray	0.3	QM
118	C	Wall	U Ctr		I	Drywall	Gray	0.1	QM
119	D	Wall	U Ctr		I	Drywall	Gray	0.0	QM
121	D	Wall	U Ctr		I	Brick	Gray	0.3	QM
122	D	Window	Ctr	Sill	I	Stone	Gray	-0.1	QM

Interior Room #13 B Class 5

126	A	Wall	U Ctr		I	Wood	Gray	0.0	QM
130	A	Duct	Rgt		I	Metal	Gray	0.3	QM
127	B	Wall	U Lft		I	Wood	Gray	-0.1	QM
129	B	Ceiling			I	Ceiling Tile	Gray	-0.1	QM
128	B	Cabinet	Lft		I	Wood	Gray	0.1	QM
124	C	Wall	U Rgt		I	Wood	Gray	-0.1	QM
123	C	Window	Rgt	Sill	I	Wood	Gray	0.1	QM
131	C	Radiator	Rgt		I	Metal	Gray	0.0	QM
125	D	Wall	L Lft		I	Wood	Gray	-0.1	QM

Interior Room #14 Bsmr 1M

138	A	Wall	U Rgt		I	Brick	Gray	1.0	QM
137	A	Door	Rgt	Rgt jamb	I	Wood	Gray	3.1	QM
136	A	Door	Rgt	U Ctr	I	Wood	Gray	1.0	QM
139	B	Wall	U Ctr		I	Brick	Gray	1.0	QM
145	B	Wall	U Rgt		I	Drywall	Gray	2.7	QM
140	C	Wall	U Lft		I	Brick	Gray	1.0	QM
141	C	Wall	U Rgt		I	Wood	Gray	1.0	QM
144	C	Wall	U Rgt		I	Drywall	Gray	2.7	QM
142	D	Wall	U Rgt		I	Wood	Gray	0.2	QM
143	D	Ceiling			I	Wood	Gray	0.2	QM
146	D	Ceiling			I	Drywall	Gray	1.7	QM
133	D	Window	Rgt	Sill	I	Stone	Gray	0.0	QM
134	D	Stairs	Rgt	Treads	I	Wood	Gray	0.1	QM
135	D	Stairs	Rgt	Risers	I	Wood	White	0.1	QM
132	D	Radiator	Rgt		I	Metal	Silver	-0.3	QM

Calibration Readings

001								1.1	TC
002								1.1	TC
003								1.0	TC
147								1.1	TC
148								1.1	TC
149								1.0	TC

---- End of Readings ----

LEAD DUST AND SOIL LABORATORY RESULTS

**EMSL Analytical, Inc.**

4140 Litt Drive, Hillside, IL 60162
 Phone/Fax: (773) 313-0099 / (773) 313-0139
<http://www.EMSL.com> chicago@emsl.com

EMSL Order:	261902854
CustomerID:	INNE62
CustomerPO:	
ProjectID:	

Attn: James Sundberg Innerspace Environmental PO Box 231 Elburn, IL 60119	Phone: (630) 365-9910 Fax: (630) 365-9912 Received: 03/18/19 2:00 PM Collected:
Project: ██████████, EAST CHICAGO, IN	

Test Report: Lead In Soils by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Weight	Lead Concentration
4316-S01	261902854-0001		3/19/2019	0.5016 g	1800 mg/Kg
	Site: BUILDING FOUNDATION NW, BARE SOIL (CHIPS)				
4316-S02	261902854-0002		3/19/2019	0.5019 g	280 mg/Kg
	Site: BUILDING BACK YARD (WEST), BARE SOIL				

Soil results reported using dry sample weight.

Lisa Odeshoo, Lead Lab Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.
 Samples analyzed by EMSL Analytical, Inc. Hillside, IL. AHA-LAP, LLC-ELLAP Accredited #102992

Initial report from 03/19/2019 15:53:14

**EMSL Analytical, Inc.**

4140 Litt Drive, Hillside, IL 60162
 Phone/Fax: (773) 313-0099 / (773) 313-0139
<http://www.EMSL.com> chicago@emsl.com

EMSL Order: 261902875
 CustomerID: INNE62
 CustomerPO:
 ProjectID

Attn: **James Sundberg**
Innerspace Environmental
PO Box 231
Elburn, IL 60119

Phone: (630) 365-9910
 Fax: (630) 365-9912
 Received: 03/18/19 2:00 PM
 Collected:

Project: ██████████, EAST CHICAGO, IN

Test Report: Lead In Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Lab ID	Collected	Analyzed	Area Sampled	Lead Concentration
4316-01	261902875-0001 Site: 2 CLASS, FL		3/19/2019	144 in ²	16 µg/ft ²
4316-02	261902875-0002 Site: 2 CLASS, WS		3/19/2019	32 in ²	81000 µg/ft ²
4316-03	261902875-0003 Site: FOYER, FL		3/19/2019	144 in ²	<10 µg/ft ²
4316-04	261902875-0004 Site: MAIN HALL, FL		3/19/2019	144 in ²	<10 µg/ft ²
4316-05	261902875-0005 Site: CHAPPEL, FL		3/19/2019	144 in ²	<10 µg/ft ²
4316-06	261902875-0006 Site: BSMT HALL, LANDING (FL)		3/19/2019	144 in ²	16 µg/ft ²
4316-07	261902875-0007 Site: BSMT HALL, WS		3/19/2019	260 in ²	<5.5 µg/ft ²
4316-08	261902875-0008 Site: CLASS 1/2, FL		3/19/2019	144 in ²	12 µg/ft ²
4316-09	261902875-0009 Site: CLASS 1/2, WS		3/19/2019	260 in ²	5.8 µg/ft ²
4316-10	261902875-0010 Site: CLASS 3/4, FL		3/19/2019	144 in ²	<10 µg/ft ²
4316-11	261902875-0011 Site: CLASS 3/4, WS		3/19/2019	260 in ²	<5.5 µg/ft ²
4316-12	261902875-0012 Site: CLASS 5, FL		3/19/2019	144 in ²	17 µg/ft ²
4316-13	261902875-0013 Site: CLASS 5, TOP CLOCK		3/19/2019	144 in ²	<10 µg/ft ²

Lisa Odeshoo, Lead Lab Manager
 or other approved signatory

*Analysis following Lead in Dust by EMSL SOP/ Determination of Environmental Lead by FLAA. Reporting limit is 10 µg/wipe. µg/wipe = µg/ft² x area sampled in ft². Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities (such as volume sampled) or analytical method limitations. Samples received in good condition unless otherwise noted. The lab is not responsible for data reported in µg/ft² which is dependent on the area provided by non-lab personnel. The test results contained within this report meet the requirements of NELAP unless otherwise noted. "<" (less than) results signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.
 Samples analyzed by EMSL Analytical, Inc. Hillside, IL AHA-LAP, LLC-ELLAP Accredited #102992

Initial report from 03/19/2019 14:47:56

261902875

DUST (WIPE)/LEAD SAMPLE LABORATORY ANALYSIS FORM

Project No:	
Address:	[REDACTED] East Chicago, IN
Client:	Elevate Energy
Employee:	James W. Sundberg
Date:	March 18, 2019
Job Description:	

Field Number	Area (sq. ft.)	Lead Concentration (ug/ft ²)	Type of material, present condition & location where sample was taken
4316-01	12"x12"		2 Class, FL
-02	2x14		2 Class WS
-03	12x12		Foyer, FL
-04			Main Hall, FL
-05			Chappel, FL
-06	↓		Bsmt Hall, Landing (FL)
-07	10x26		Bsmt Hall, WS
-08	5x12		Class 1/2 FL
-09	10x26		6/8, WS
-10	12x12		3/4, FL
-11	10x26		3/4, WS
-12	12x12		5, FL
↓ -13	12x12		↓ 5 Top Cloak

TURN AROUND TIME	<input type="checkbox"/> 24 Hr <input checked="" type="checkbox"/> 48 Hr <input type="checkbox"/> 72 Hr <input type="checkbox"/> 5 Day	COMMENTS PLEASE email RESULTS TO Jay @ jaywsun@comcast.net Blanks are Ghost Wipes from Lab. ASTM approved.
-------------------------	---	--

CHAIN OF CUSTODY RECORD

Collected By (Signature): <i>James W. Sundberg</i>	Date: 3/18/19	Time: 12:00pm	Relinquished by (Signature): <i>James W. Sundberg</i>	Date: 3/18/19	Time: 2:30pm
Dispatched by: (Signature, if mailed)	Date:	Time:	Received for Laboratory by: <i>[Signature]</i>	Date: 3/18/19	Time: 1:40pm

**RISK ASSESSOR LICENSE
LABORATORY ACCREDITATION**

January 13, 2017


Based upon the review of your license application, the Indiana Lead and Healthy Homes Program has determined that you have fulfilled the requirements of 410 IAC 32 and are eligible for licensing in the following lead based discipline: **Lead Risk Assessor**

Enclosed is your Lead Risk Assessor license card. This card must be available for review at all times while you are implementing a lead-based project.

This license may be revoked pursuant to 410 IAC 32-2-8, if you:


- (1) Violate any requirements of these rules (410 IAC 32), or any other federal, state, or local regulation pertaining to lead based paint activities.
- (2) Falsify information on your application for licensing.
- (3) Fail to meet any qualifications specified in 410 IAC 32.
- (4) Conduct a lead based paint project, or related lead based activity, in a manner that is hazardous to the public health.

Your license is valid effective 12/01/2004, and will expire on 12/01/2019, as indicated on your card. We suggest that you attend the required training and submit an application for license renewal early to insure your license does not lapse. In order to avoid re-taking the initial training course, you must attend a refresher in the discipline you are seeking a license within three (3) years from the date of issuance of your last training course certificate.



Indiana State Department of Health
James W. Sundberg
Lead Risk Assessor License # IN2103127

Effective: 12/01/2004	Expiration: 12/01/2019
Birth Date: 11/05/1968	Gender: M
Height: 6'2"	Eye Color: HAZ
Weight: 250	Hair Color: BRO



Indiana State Department of Health
100 N. Senate Avenue, N655
Indianapolis, Indiana 46204

Lead Risk Assessor

Certificate Number	Expiration Date
IN2103127	12/01/2019

James W. Sundberg

Jerome M. Adams, MD, MPH
State Health Commissioner
Indiana State Department of Health

8/2016 11/2016 9/1/2016 11/2016



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc

4140 Litt Drive, Hillside, IL 60162-1120

Laboratory ID: 102992

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following

LABORATORY ACCREDITATION PROGRAMS

- | | |
|---|--|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires September 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires September 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY* | Accreditation Expires September 01, 2020 |
| <input type="checkbox"/> FOOD | Accreditation Expires |
| <input type="checkbox"/> UNIQUE SCOPES | Accreditation Expires |

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached Scope of Accreditation. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached Scope of Accreditation. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Elizabeth Blair

Elizabeth Blair
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 16 03/21/2018

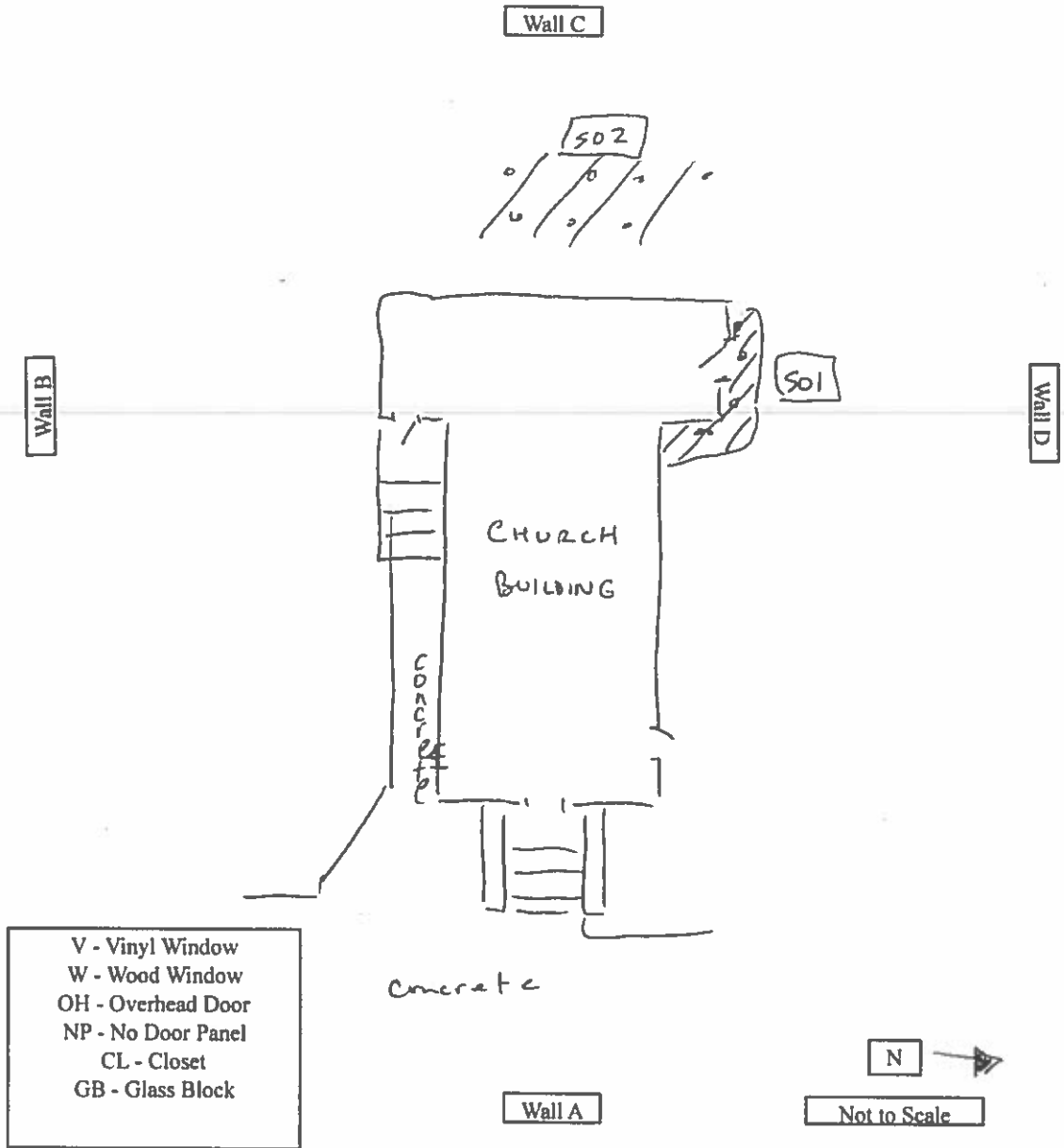
Date Issued 08/31/2018

LEAD HAZARD PAMPHLET

<http://www.epa.gov/lead/pubs/renovaterightbrochure.pdf>

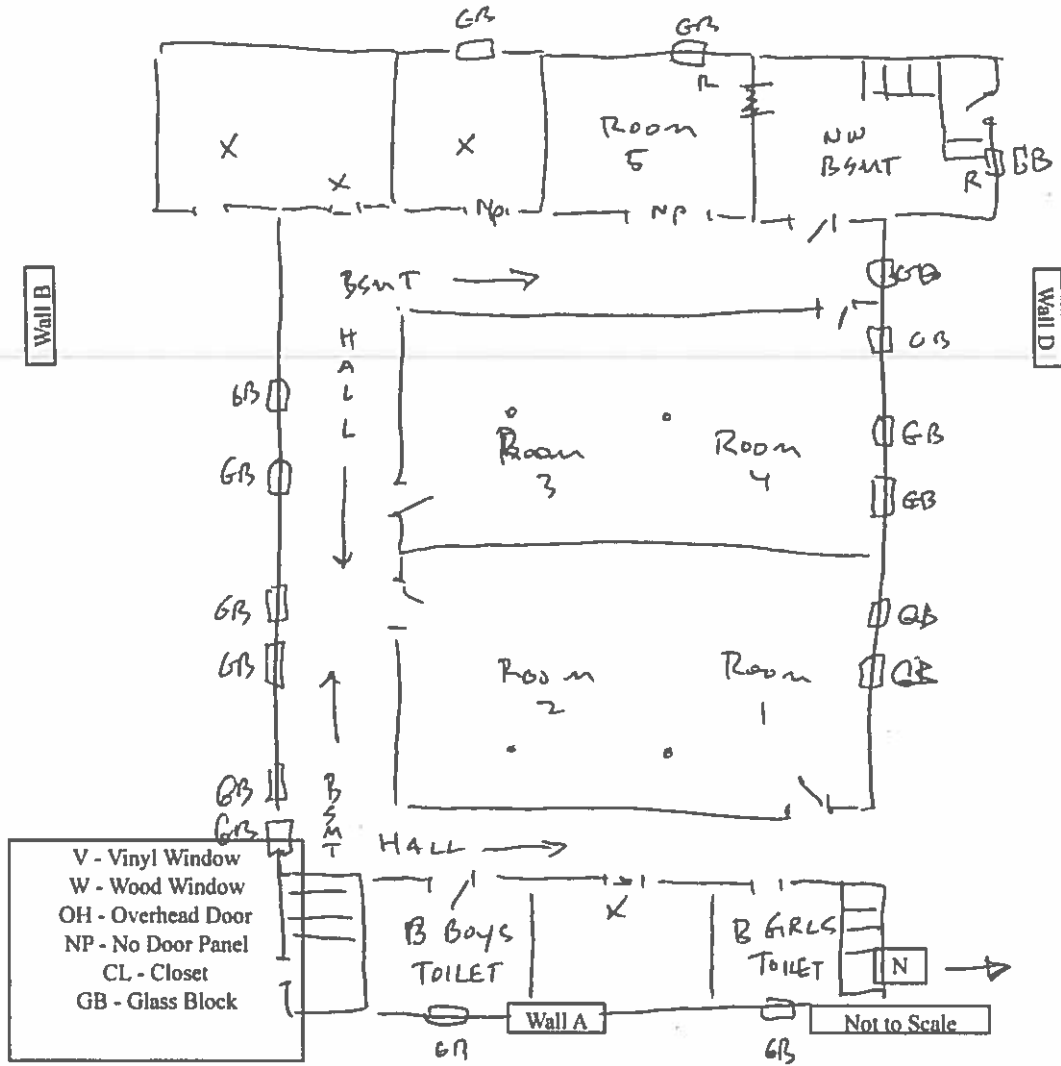
PROPERTY AND HOME LAYOUT

[REDACTED]
East Chicago, IN 464312



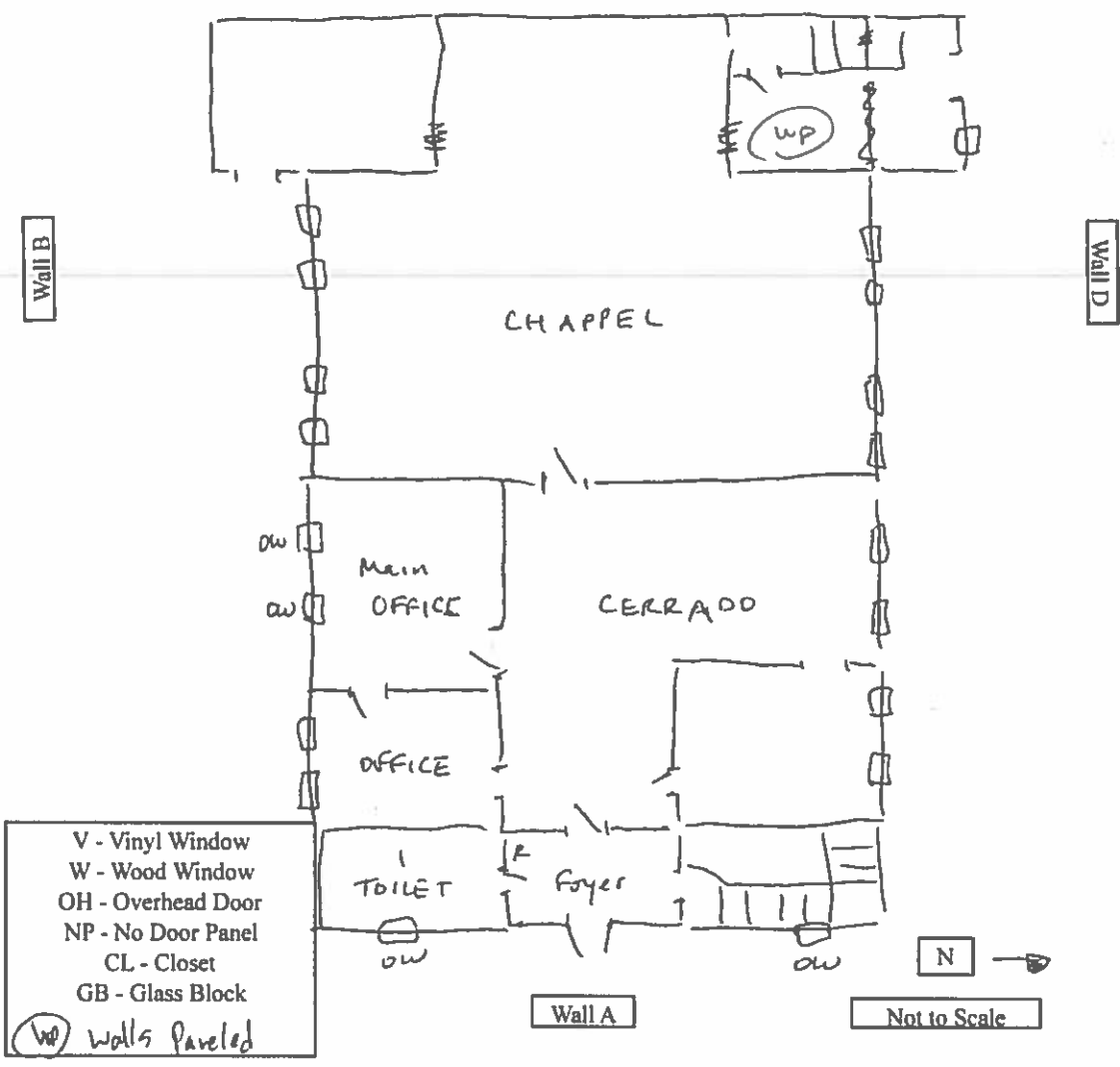
East Chicago, IN 464312

Wall C
Basement



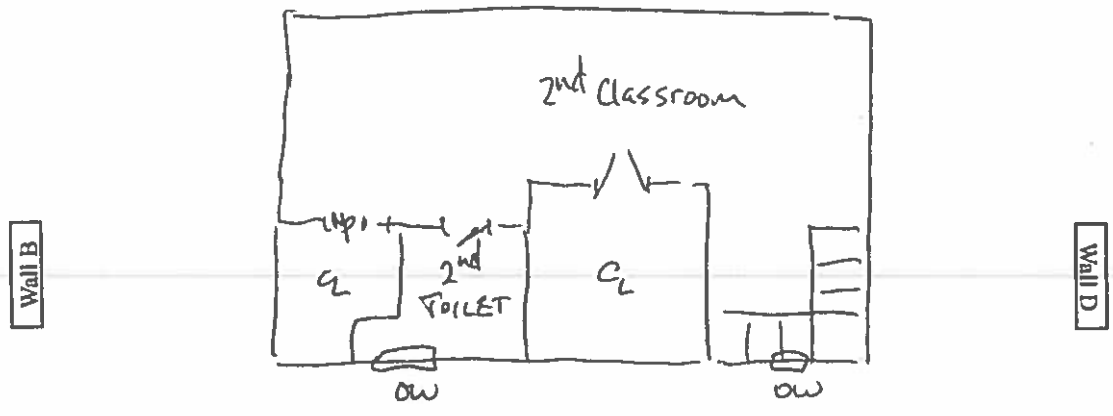
████████████████████
East Chicago, IN 464312

Wall C
Main Floor



[REDACTED]
East Chicago, IN 464312

Wall C
2nd Floor



- V - Vinyl Window
- W - Wood Window
- OH - Overhead Door
- NP - No Door Panel
- CL - Closet
- GB - Glass Block

Wall A

N →
Not to Scale

Lead Based Paint Risk Assessment Report

For The Owner Located at:



East Chicago, IN 46312

Prepared For:



ELEVATE ENERGY

322 South Green Street, Suite 300
Chicago, IL 60607

Prepared By:



**Innerspace
Environmental
Assessment, Inc.**

Inspector and ISDH License Number: James W. Sundberg, 1743

Date Performed: April 13, 2019

Report Issued: April 18, 2019

TABLE OF CONTENTS

I. SUMMARY

Identifying Information
Results
Information

II. VISUAL EXAM AND SAMPLE RESULTS

Form 5.1 Building Condition Form
Form 5.2 Building Component Condition

Analysis of Previous XRF Testing Report

Test Results Performed During Risk Assessment
 Form 5.3 Deteriorated or To Be Disturbed or Disturbed Paint Results Above Regulatory Levels
 Form 5.4 Field Sampling Form for Dust
 Form 5.5 Field Sampling Form for Soil

III. LEAD HAZARD CONTROL OPTIONS

Site Specific Interim Control and Abatement Hazard Control Options

Method of Resident Notification of Results of Risk Assessment

APPENDICES

Summary Lead Based Paint Inspection Report
Detailed Lead Based Paint Inspection Report
Dust and Soil Sample Laboratory Results
Risk Assessor License and Laboratory Certification
Lead Hazard Pamphlet
Layout of Property and Home

I. SUMMARY

Identifying Information

A lead based paint risk assessment and inspection was conducted at [REDACTED], East Chicago, Indiana 46312 for Elevate Energy located at 322 South Green Street, Suite 300, Chicago, IL 60607. The risk assessment was conducted on April 13, 2019 by James W. Sundberg, an Indiana State Department Health (ISDH) licensed Risk Assessor (License Number IN2103127).

Results

Specific focus was given to addressing painted surfaces within the scope of work for this building. The building and its paint are in reasonably good condition overall. However, there were a few areas found that contain lead and in a disturbed condition.

- **Exterior Back House Old Wood Window Components and Interior Wood Window Wells**
- **Exterior Back House Stone Window Headers and Sill**
- **Exterior Back House Wall A Wood Awning Support**
- **Lead Dust was Identified on the Foyer, Kitchen, Bathroom, and Living Room Window Sills tested above the ISDH Regulatory Levels during this Risk Assessment**

Additional sampling was performed to ensure that all components “touched” by future maintenance activities would not disturb LBP. Some of the tested surfaces tested negative for lead content (below 1.0 mg/cm² using XRF technology). These surfaces are not considered to be lead based paint hazards, using criteria in the Indiana State Department of Health (ISDH) Administrative Code (410 IAC 32).

Those surfaces are:

Walls around all Windows, except those listed above and below
Ceilings, except those listed above and below
Interior Door Panels, Jambs, and Casings, except those listed above and below
Baseboards, except those listed above and below
Cabinets, except those listed above and below

A few surfaces tested positive for Lead Based Paint (LBP) but were intact condition during this assessment. Based on appropriate definitions, these areas are not considered LBP Hazards at this time. The Property Owner should ensure that these areas remain in good repair in the future. The areas are:

INTERIOR

Foyer Concrete Walls, Wood Wall D Door Components, Wood Walls and Ceiling, Wood Window Components, and Wood Under Stair
Interior Bedroom 1 Plaster Walls
Interior Bedroom 2 Plaster Walls
Interior Bathroom Plaster Walls and Wood Door Components
Interior South and Basement Wood Door Components

To IEA’s knowledge, there has not been any previous lead based paint testing at this dwelling. If additional surfaces are put into the scope of work for this address, additional testing may be required (or assumed lead). The Lead Inspection and Risk Assessment was performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). Within the specified rooms, most every surface was tested for the presence or absence of lead. Please refer to the Appendix I and II, Summary and Detailed LBP Inspection Reports for a listing of all components and the lead results. The Summary Report displays all components that tested at or above the current Indiana State Department of Health (ISDH) regulatory level for Paint, via X-Ray Fluorescence (XRF), of 1.0 mg/cm². Again, this Risk Assessment focussed on primarily daycare areas and exterior windows and doors not in the daycare areas.

Dust sampling was performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). Current ISDH regulatory levels for dust are 40 µg/ft² for flooring surfaces and 250 µg/ft² for interior window sill surfaces. **4 of the 9 dust samples tested above regulatory limits for lead in dust. Elevated surfaces were identified on the Foyer, Kitchen, Bathroom, and Living Room Window Sills during this Risk Assessment.**

Soil sampling was also performed in accordance with the Indiana State Department of Health Administrative Code (410 IAC 32). There was bare soil observed on the Property during the time and date of the inspection and, therefore, soil samples were collected. Current ISDH regulatory levels for bare soil in play areas is 400 µg/g and 1,200 µg/g for other areas. **0 of the 1 soil samples tested above regulatory limits for lead in soil. Elevated surfaces were NOT identified during this Risk Assessment.**

The owner has not decided on any specific hazard control measures as of this date. Elevate Energy, however, will select hazard control measures, which are all acceptable based on Indiana State Department of Health Administrative Code (410 IAC 32). IEA will recommend at least one preferred Mitigation and Abatement Hazard Control Option for each potential hazard identified. Elevate Energy should be aware that there are other approved ways of reducing these potential lead hazards. If IEA's recommendations are not consistent with Elevate Energy's plans for the property (work or budget), other options may available.

After the specific work and cleaning activities have been completed, a clearance inspection with dust samples must be conducted ISDH licensed Lead Inspector or Risk Assessor to ensure that the work areas safe before the family reoccupies the designated work areas.

Information

According to Federal (24 CFR Part 35 and 40 CFR Part 745) and State of Indiana (410 IAC 32), Elevate Energy and Future Homeowners shall share the results of this report and any clearance sampling with the family which occupies and/or owns the residence. Elevate Energy shall also provide the family with the HUD/EPA brochure, "*Renovate Right*."

II. VISUAL EXAMINATION AND SAMPLE RESULTS

Form 5.1 Building Condition Form for Lead Hazard Risk Assessment.

Property address [REDACTED], Apt. No. East Chicago, 1N
 Name of property owner Agent: Elevate Back House
 Name of risk assessor J. Sundberg Date of assessment: 4/13/2019

Condition	Yes	No	Comments
Roof missing parts of surfaces (tiles, boards, shakes, etc.)	X		
Roof has holes or large cracks		X	
Gutters or downspouts broken		X	
Chimney masonry cracked, bricks loose or missing, obviously out of plumb		X	
Exterior or interior walls have obvious large cracks or holes, requiring more than routine pointing (if masonry) or painting		X	
Exterior siding has missing boards or shingles		X	BRICK
Water stains on interior walls or ceilings		X	
Walls or ceilings deteriorated		X	
More than "very small" amount of paint in a room deteriorated	X		Bsmr
Two or more windows or doors broken, missing, or boarded up	X		
Porch or steps have major elements broken, missing, or boarded up		X	
Foundation has major cracks, missing material, structure leans, or visibly unsound		X	
** Total number	3	9	

* The "very small" amount is the *de minimis* amount under the HUD Lead Safe Housing Rule (24 CFR 35.1350(d)), or the amount of paint that is not "paint in poor condition" under the EPA lead training and certification ("402") rule (40 CFR 745.223).

** If the "Yes" column has any checks, the dwelling is usually considered not to be in good condition for the purposes of a risk assessment, and conducting a lead hazard screen is not advisable. However, specific conditions and extenuating circumstances should be considered before determining the final condition of the dwelling and the appropriateness of a lead hazard screen. If the "Yes" column has any checks, and a lead hazard screen is to be performed, describe, below, the extenuating circumstances that justify conducting a lead hazard screen.

Notes (including other conditions of concern):

Garage - Negative

Form 5.2 Report of Visual Assessment (for Lead Hazard Risk Assessment).
Form 6.0 Report of Visual Assessment (for Ongoing Lead-Safe Maintenance).

Property address [Redacted] East Chicago, IN Apt. No. BACH House Page 1 of 1

Name of property owner August E. Elvete Date of assessment 4.13.2019
 Name of risk assessor J. Summers

Location of Building Component, Dust or Bare Soil	Area Description	Deteriorated Paint			Friction or Impact Surface? (F or I)	Visible Teeth Marks? (Y or N)	Paint Testing Results ⁴	Notes (e.g., paint testing (e.g., XRF, lab analysis) indicates paint is or is not lead-based paint; cause(s) of hazard control failures)
		Area (sq. ft.)	Is Area Small? (Y or N)	Probable Cause(s) of Deterioration if Known ¹				
K Rows	Window Crap + W/W the win sills + headers A Awning Supt			Maintenance ↓	F/I - -	N - -	+ + +	

¹Include room equivalent or exterior side or wall, as appropriate.
²Lead-safe work practices and clearance/cleaning verification are not required if work does not disturb painted surfaces that total more than 20 ft² or less in any one interior room or space, or 10 percent of the total surface area on an interior or exterior type of component with a small surface area (such as trim, window sills, baseboards);
³For unassisted housing, and for child-occupied facilities, EPA's minor repair and maintenance activities threshold of 6 ft² or less per room; or 20 ft² or less for exterior activities; provided that no prohibited or restricted work practices were used and no window replacement or demolition of painted surface area is to be done.
⁴Common causes of paint deterioration are: moisture (indicate source if apparent), mildew, friction or abrasion, impact, damaged or deteriorated substrate, and severe heat.
⁵If paint testing results are obtained on site, use this column to record the result. If a paint chip sample is sent to the laboratory, use this column to record the sample number (or other unique identifier) as a reference to another record containing the sampling data and laboratory results.

Analysis of Previous XRF Testing Report

There is no previous XRF Testing Report; this section is not applicable for this property.

Testing Performed During Risk Assessment

Form 5.3 defers to Appendix I for complete listing of the surfaces that tested positive (at or above 1.0 mg/cm²) for lead based paint. Surfaces classified as deteriorated as defined by the Indiana State Department Health Administrative Code (410 IAC 32) are considered to be Lead Based Paint Hazards. Appendix II is the Detailed Report that displays all the readings that were taken during this Risk Assessment/Inspection. All testing combinations on the property were inspected because the assessor did not have knowledge of the scope of upcoming rehabilitation activities. Four of the nine dust samples (Form 5.4) taken had results above the applicable regulatory levels. There were no soil samples taken that were above the applicable regulatory level on the property at the time and date of the inspection (Form 5.5). Copies of dust and soil sample results can be found in the Appendix II. Regulatory levels for each media are summarized below each table. Water sampling was not performed during this assessment.

Form 5.3

Deteriorated or To Be Disturbed Paint Results Above Regulatory Levels

Name of Risk Assessor: James W. Sundberg

Property Address: [REDACTED], East Chicago, IN

Sample Number	Room	Building Component	XRF Reading (mg/cm ²)
See	Appendix I	For Complete LBP Summary Report	
ISDII/USEPA Regulatory Level		1.0 mg/cm ²	

Form 5.4

Dust Sample Results

Name of Risk Assessor: James W. Sundberg

Property Address: [REDACTED] Back House, East Chicago, IN

Sample Number	Room	Component	Lab Result (µg/ft ²)
1102B-01	Foyer	Floor	29
1102B-02	Foyer	Window Sill	1,100
1102B-03	Kitchen	Floor	< 5.0
1102B-04	Kitchen	Window Sill	590
1102B-05	Bathroom	Floor	< 5.0
1102B-06	Bathroom	Window Sill	1,000
1102B-07	Living Room	Window Sill	610
1102B-08	Bedroom 1	Window Sill	160
1102B-09	Bedroom 2	Window Sill	110
1102B-10	Bedroom 2	Top of Clock (Blank)	< 5.0

ISDH/USEPA Regulatory Limits: Floors 40 µg/ft², Interior Window Sills 250 µg/ft², Interior Window Wells 400 µg/ft²

III. LEAD HAZARD CONTROL OPTIONS

Site Specific Interim Controls and Abatement Hazard Control Options

Below can be found each lead hazard with at least 3 hazard control options. Elevate Energy should pick the hazard control option that best fits the needs of the project (approach and budget). If the options do not fit the needs of Elevate Energy, other hazard control options may be available.

Bold numbers next to each job description refer all parties to the exact location where the HUD Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing describe the process. This document will serve as the specifications when the Indiana State Department of Health (ISDH) Lead Contractor is completing the work prescribed by Elevate Energy.

Cost estimates are not included in this report. Precise cost estimates should be obtained from an ISDH-Licensed Lead Based Paint Abatement Contractor. The costs should include labor, materials, worker protection, site containment and cleanup. Clearance testing should be performed at the conclusion of any lead task. Acceptable dust results should be obtained before residents reoccupy that space.

Based on the work and amount of money being spent on the project, abatement options may be the only hazard control options selected. Refer to subpart J of 24 CFR Part 35 for details. Chapter 11 gives detailed guidance on Interim Controls. Chapter 12 describes all Abatement approaches except Encapsulation.

- **Exterior Back House Old Wood Window Components and Interior Wood Window Wells**
 - Enclosure of selected components with an approved enclosure system (metal or vinyl) with paint stabilization of remaining window sash (11-25 through 32)
 - Enclosure of components with an approved enclosure system (metal or vinyl) with replacement of window sash (12-21 through 32)
 - Removal of Components (12-13 through 20)

- **Exterior Back House Stone Window Headers and Sill**
 - Paint Film Stabilization of component (11-13 through 24)
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

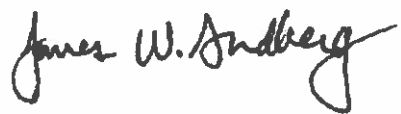
- **Exterior Back House Wall A Wood Awning Support**
 - Enclosure of components with a metal and/or vinyl system (12-21 through 32)
 - Removal of Paint from Component (On-Site or Off-site) (12-33 through 45)
 - Removal of Components (12-13 through 20)

- **Designated Interior Work Areas including the Foyer, Kitchen, Bathroom, and Living Room Window Sills**
 - Incorporate controls, then clean and clear (Clean: Chapter 14, Clearance Chapter 15)

Method of Resident Notification of Results of Risk Assessment and Lead Hazard Control Program

According to Federal (24 CFR Part 35 and 40 CFR Part 745) and State of Indiana (410 IAC 32), Elevate Energy and Future Homeowners shall share the results of this report and any clearance sampling with the family which occupies and/or owns the residence. Elevate Energy shall also provide the family with the HUD/EPA brochure, "*Renovate Right*."

Respectfully Submitted,
Innerspace Environmental Assessment, Inc.

A handwritten signature in black ink that reads "James W. Sundberg". The signature is written in a cursive style with a large, stylized 'S' at the end.

James W. Sundberg
ISDH-Licensed Risk Assessor # IN2103127

APPENDICES

SUMMARY LBP INSPECTION REPORT

Summary Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 58
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site: ██████████
 East Chicago, IN 46312

Read #	Result	RTA Present	Room	Structure	RoomChoice	Member	Substrate	Wall Location	Condition	Lead (mg/cm ²)	Mode		
381		Off	Calibration							1.0 mg/cm ²	Action Level		
382		Off	Calibration							1.0 mg/cm ²	Action Level		
383		Off	Calibration							0.9 mg/cm ²	Action Level		
384		Off	Calibration							0.1 mg/cm ²	Action Level		
385		Off	Calibration							0.1 mg/cm ²	Action Level		
386		Off	Calibration							0.2 mg/cm ²	Action Level		
399	Positive	Off	Exterior	House	House		Window	Sill	Stone	D	Deteriorated	17.1 mg/cm ²	Action Level
400	Positive	Off	Exterior	House	House		Window	Header	Stone	D	Deteriorated	13.7 mg/cm ²	Action Level
401	Positive	Off	Exterior	House	House		Window	Header	Stone	B	Deteriorated	26.6 mg/cm ²	Action Level
402	Positive	Off	Exterior	House	House		Window	Sill	Stone	B	Deteriorated	24.9 mg/cm ²	Action Level
403	Positive	Off	Exterior	House	House		Window	Sill	Wood	B	Deteriorated	24.5 mg/cm ²	Action Level
404	Positive	Off	Exterior	House	House		Window	Jamb	Wood	B	Deteriorated	24.5 mg/cm ²	Action Level
405	Positive	Off	Exterior	House	House		Window	Sash	Wood	B	Deteriorated	24.5 mg/cm ²	Action Level
406	Positive	Off	Exterior	House	House		Window	Sill	Wood	D	Deteriorated	24.7 mg/cm ²	Action Level
407	Positive	Off	Exterior	House	House		Window	Jamb	Wood	D	Deteriorated	24.7 mg/cm ²	Action Level
408	Positive	Off	Exterior	House	House		Window	Sash	Wood	D	Deteriorated	24.3 mg/cm ²	Action Level
409	Positive	Off	Exterior	House	House		Window	Sash	Wood	A	Deteriorated	24.1 mg/cm ²	Action Level
410	Positive	Off	Exterior	House	House		Window	Jamb	Wood	A	Deteriorated	24.1 mg/cm ²	Action Level

Summary Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 58
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site:

██████████
East Chicago, IN 46312

Read #	Result	RTA Present	Room	Structure		Substrate	Wall	Location	Condition	Lead (mg/cm ²)	Mode
				> Room	Choice						
411	Positive	Off	Exterior	House	Window	Wood	A	Center	Deteriorated	15.7 mg/cm ²	Action Level
412	Positive	Off	Exterior	House	Window	Wood	A	Center	Deteriorated	16.1 mg/cm ²	Action Level
413	Positive	Off	Exterior	House	Window	Wood	A	Center	Deteriorated	16.8 mg/cm ²	Action Level
414	Positive	Off	Exterior	House	Awning	Wood	A	Left	Deteriorated	16.1 mg/cm ²	Action Level
424	Positive	Off	Interior	Foyer	Wall	Concrete	A	UR	Intact	12.8 mg/cm ²	Action Level
428	Positive	Off	Interior	Foyer	Door	Wood	D	Left	Intact	7.0 mg/cm ²	Action Level
429	Positive	Off	Interior	Foyer	Door	Wood	D	Left	Intact	8.7 mg/cm ²	Action Level
430	Positive	Off	Interior	Foyer	Wall	Wood	D	UL	Intact	9.3 mg/cm ²	Action Level
431	Positive	Off	Interior	Foyer	Wall	Wood	C	UL	Intact	9.5 mg/cm ²	Action Level
432	Positive	Off	Interior	Foyer	Wall	Wood	B	UC	Intact	9.6 mg/cm ²	Action Level
433	Positive	Off	Interior	Foyer	Wall	Wood	A	UC	Intact	9.7 mg/cm ²	Action Level
434	Positive	Off	Interior	Foyer	Ceiling	Wood	A	A	Intact	9.7 mg/cm ²	Action Level
435	Positive	Off	Interior	Foyer	Window	Wood	A	Left	Intact	9.4 mg/cm ²	Action Level
436	Positive	Off	Interior	Foyer	Window	Wood	A	Left	Intact	9.6 mg/cm ²	Action Level
437	Positive	Off	Interior	Foyer	Window	Wood	A	Left	Intact	9.6 mg/cm ²	Action Level
438	Positive	Off	Interior	Foyer	Under Stair	Wood	A	Center	Intact	8.9 mg/cm ²	Action Level
456	Positive	Off	Interior	Bedroom 1	Wall	Plaster	B	UL	Intact	18.2 mg/cm ²	Action Level
457	Positive	Off	Interior	Bedroom 1	Wall	Plaster	C	UC	Intact	16.1 mg/cm ²	Action Level

Summary Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 58
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site: [REDACTED]
 East Chicago, IN 46312

Read #	Result	RTA Present	Room	Structure		Substrate			Wail Location	Condition	Lead (mg/cm ²)	Mode
				> RoomChoice	> Member	Plaster	D	UC				
458	Positive	Off	Interior	Bedroom 1	Wall	Plaster	D	UC	Intact	15.9 mg/cm ²	Action Level	
459	Positive	Off	Interior	Bedroom 1	Wall	Plaster	A	UL	Intact	16.0 mg/cm ²	Action Level	
462	Positive	Off	Interior	Bedroom 2	Wall	Plaster	D	UC	Intact	8.3 mg/cm ²	Action Level	
464	Positive	Off	Interior	Bedroom 2	Wall	Plaster	B	UC	Intact	12.8 mg/cm ²	Action Level	
465	Positive	Off	Interior	Bedroom 2	Wall	Plaster	A	UC	Intact	12.5 mg/cm ²	Action Level	
483	Positive	Off	Interior	Bathroom	Wall	Plaster	B	UL	Intact	3.1 mg/cm ²	Action Level	
484	Positive	Off	Interior	Bathroom	Wall	Plaster	C	UC	Intact	2.8 mg/cm ²	Action Level	
485	Positive	Off	Interior	Bathroom	Wall	Plaster	D	UC	Intact	2.7 mg/cm ²	Action Level	
486	Positive	Off	Interior	Bathroom	Wall	Plaster	A	UC	Intact	2.7 mg/cm ²	Action Level	
487	Positive	Off	Interior	Bathroom	Window	Wood	A	Center	Intact	11.6 mg/cm ²	Action Level	
488	Positive	Off	Interior	Bathroom	Door	Wood	B	Center	Intact	6.5 mg/cm ²	Action Level	
489	Positive	Off	Interior	Bathroom	Door	Wood	B	Center	Intact	5.6 mg/cm ²	Action Level	
493	Positive	Off	Interior	South Basement	Door	Wood	B	Right	Intact	5.7 mg/cm ²	Action Level	
494	Positive	Off	Interior	South Basement	Door	Wood	B	Right	Intact	6.2 mg/cm ²	Action Level	
495	Positive	Off	Interior	South Basement	Door	Wood	C	Center	Intact	1.7 mg/cm ²	Action Level	
513	Positive	Off	Interior	North Basement	Door	Wood	A	Center	Intact	1.2 mg/cm ²	Action Level	
515	Off	Off	Calibration							1.0 mg/cm ²	Action Level	
516	Off	Off	Calibration							1.0 mg/cm ²	Action Level	

Innerspace Environmental Assessment, Inc. PO Box 231 Elburn, IL

Summary Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 58
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site: 
 East Chicago, IN 46312

Read #	Result	RTA Present	Room	>RoomChoice	Structure	>Member	Substrate	Wall Location	Condition	Lead (mg/cm ²)	Mode
517		Off	Calibration							1.0 mg/cm ²	Action Level
518		Off	Calibration							0.1 mg/cm ²	Action Level
519		Off	Calibration							0.1 mg/cm ²	Action Level
520		Off	Calibration							0.2 mg/cm ²	Action Level

----- END OF READINGS -----

DETAILED LBP INSPECTION REPORT

Detailed Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 140
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site:

██████████
 East Chicago, IN 46312

Read #	Result	RTA Present	Room	>>RoomChoice	Structure	>>Member	Substrate	Wall	Location	Condition	Lead (mg/cm ²)	Mode
381		Off	Calibration								1.0 mg/cm ²	Action Level
382		Off	Calibration								1.0 mg/cm ²	Action Level
383		Off	Calibration								0.9 mg/cm ²	Action Level
384		Off	Calibration								0.1 mg/cm ²	Action Level
385		Off	Calibration								0.1 mg/cm ²	Action Level
386		Off	Calibration								0.2 mg/cm ²	Action Level
387	Negative	Off	Exterior	Garage	Wall		Metal	A	LC	Intact	0.1 mg/cm ²	Action Level
388	Negative	Off	Exterior	Garage	Wall		Metal	B	LC	Intact	0.0 mg/cm ²	Action Level
389	Negative	Off	Exterior	Garage	Wall		Metal	C	LR	Intact	0.3 mg/cm ²	Action Level
390	Negative	Off	Exterior	Garage	Wall		Metal	D	LL	Intact	0.3 mg/cm ²	Action Level
391	Negative	Off	Exterior	Garage	Door	Panel	Metal	D	Left	Intact	-0.1 mg/cm ²	Action Level
392	Negative	Off	Exterior	Garage	Overhead	Doof	Metal	C	Center	Intact	0.2 mg/cm ²	Action Level
393	Negative	Off	Exterior	Garage	Fence		Wood	D	Left	Intact	0.1 mg/cm ²	Action Level
394	Negative	Off	Exterior	House	Fence		Wood	A	Center	Intact	0.2 mg/cm ²	Action Level
395	Negative	Off	Exterior	House	Fence		Wood	B	Right	Intact	0.0 mg/cm ²	Action Level
396	Negative	Off	Exterior	House	Foundation	Wall	Concrete	B	Right	Intact	0.2 mg/cm ²	Action Level
397	Negative	Off	Exterior	House	Foundation	Wall	Concrete	C	Center	Intact	0.3 mg/cm ²	Action Level
398	Negative	Off	Exterior	House	Foundation	Wall	Concrete	D	Right	Intact	0.2 mg/cm ²	Action Level

Detailed Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 140
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site: ██████████
 East Chicago, IN 46312

Read #	Result	RTA Present	Room	> RoomChoice	Structure	> Member	Substrate	Wall Location	Condition	Lead (mg/cm ²)	Mode
399	Positive	Off	Exterior	House	Window	Sill	Stone	D	Right	Deteriorated	17.1 mg/cm ² Action Level
400	Positive	Off	Exterior	House	Window	Header	Stone	D	Right	Deteriorated	13.7 mg/cm ² Action Level
401	Positive	Off	Exterior	House	Window	Header	Stone	B	Left	Deteriorated	26.6 mg/cm ² Action Level
402	Positive	Off	Exterior	House	Window	Sill	Stone	B	Left	Deteriorated	24.9 mg/cm ² Action Level
403	Positive	Off	Exterior	House	Window	Sill	Wood	B	Left	Deteriorated	24.5 mg/cm ² Action Level
404	Positive	Off	Exterior	House	Window	Jamb	Wood	B	Left	Deteriorated	24.5 mg/cm ² Action Level
405	Positive	Off	Exterior	House	Window	Sash	Wood	B	Left	Deteriorated	24.5 mg/cm ² Action Level
406	Positive	Off	Exterior	House	Window	Sill	Wood	D	Right	Deteriorated	24.7 mg/cm ² Action Level
407	Positive	Off	Exterior	House	Window	Jamb	Wood	D	Right	Deteriorated	24.7 mg/cm ² Action Level
408	Positive	Off	Exterior	House	Window	Sash	Wood	D	Right	Deteriorated	24.3 mg/cm ² Action Level
409	Positive	Off	Exterior	House	Window	Sash	Wood	A	Right	Deteriorated	24.1 mg/cm ² Action Level
410	Positive	Off	Exterior	House	Window	Jamb	Wood	A	Right	Deteriorated	24.1 mg/cm ² Action Level
411	Positive	Off	Exterior	House	Window	Jamb	Wood	A	Center	Deteriorated	15.7 mg/cm ² Action Level
412	Positive	Off	Exterior	House	Window	Sash	Wood	A	Center	Deteriorated	16.1 mg/cm ² Action Level
413	Positive	Off	Exterior	House	Window	Jamb	Wood	A	Center	Deteriorated	16.8 mg/cm ² Action Level
414	Positive	Off	Exterior	House	Awning	Support	Wood	A	Left	Deteriorated	16.1 mg/cm ² Action Level
415	Negative	Off	Exterior	House	Door	Jamb	Wood	A	Left	Intact	0.1 mg/cm ² Action Level
416	Negative	Off	Exterior	House	Door	Panel	Wood	A	Left	Intact	-0.1 mg/cm ² Action Level

Detailed Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 140
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site:

██████████
East Chicago, IN 46312

#	Read	Result	RTA Present	Room	House	RoomChoice	Structure	Member	Substrate Wall Location			Condition	Lead (mg/cm ²)	Mode
									A	LC	Intact			
417	Negative	Off		Exterior	House	Wall	Wall	Wood	A	LC	Intact	0.2 mg/cm ²	Action Level	
418	Negative	Off		Exterior	House	Wall	Wall	Wood	B	LR	Intact	0.0 mg/cm ²	Action Level	
419	Negative	Off		Exterior	House	Wall	Wall	Wood	D	LL	Intact	0.1 mg/cm ²	Action Level	
420	Negative	Off		Exterior	House	Awning	Awning	Metal	A	Center	Intact	-0.1 mg/cm ²	Action Level	
421	Negative	Off		Exterior	House	Downspout	Downspout	Metal	B	Left	Intact	0.0 mg/cm ²	Action Level	
422	Negative	Off		Exterior	House	Gutter	Gutter	Metal	B	Left	Intact	0.0 mg/cm ²	Action Level	
423	Negative	Off		Exterior	House	Screen Door	Screen Door	Metal	A	Left	Intact	0.0 mg/cm ²	Action Level	
424	Positive	Off		Interior	Foyer	Wall	Wall	Concrete	A	LR	Intact	12.8 mg/cm ²	Action Level	
425	Negative	Off		Interior	Foyer	Stair	Tread	Wood	A	Right	Intact	0.5 mg/cm ²	Action Level	
426	Negative	Off		Interior	Foyer	Stair	Riser	Wood	A	Right	Intact	0.6 mg/cm ²	Action Level	
427	Negative	Off		Interior	Foyer	Floor	Floor	Wood	A		Intact	0.9 mg/cm ²	Action Level	
428	Positive	Off		Interior	Foyer	Door	Panel	Wood	D	Left	Intact	7.0 mg/cm ²	Action Level	
429	Positive	Off		Interior	Foyer	Door	Casing	Wood	D	Left	Intact	8.7 mg/cm ²	Action Level	
430	Positive	Off		Interior	Foyer	Wall	Wall	Wood	D	UL	Intact	9.3 mg/cm ²	Action Level	
431	Positive	Off		Interior	Foyer	Wall	Wall	Wood	C	UL	Intact	9.3 mg/cm ²	Action Level	
432	Positive	Off		Interior	Foyer	Wall	Wall	Wood	B	UC	Intact	9.6 mg/cm ²	Action Level	
433	Positive	Off		Interior	Foyer	Wall	Wall	Wood	A	UC	Intact	9.7 mg/cm ²	Action Level	
434	Positive	Off		Interior	Foyer	Ceiling	Ceiling	Wood	A		Intact	9.7 mg/cm ²	Action Level	

Detailed Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 140
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site:

[REDACTED]
 East Chicago, IN 46312

#	Read	Result	RTA Present	Room	RoomChoice		Structure		Member	Substrate	Wall	Location	Condition	Lead (mg/cm ²)	Mode
					>	--	>	--							
435	Positive	Off	Interior	Foyer	Window	Casing	Wood	A	Left	Intact	Intact	Intact	9.4 mg/cm ²	Action Level	
436	Positive	Off	Interior	Foyer	Window	Sill	Wood	A	Left	Intact	Intact	Intact	9.6 mg/cm ²	Action Level	
437	Positive	Off	Interior	Foyer	Window	Sash	Wood	A	Left	Intact	Intact	Intact	9.6 mg/cm ²	Action Level	
438	Positive	Off	Interior	Foyer	Under Stair		Wood	A	Center	Intact	Intact	Intact	0.9 mg/cm ²	Action Level	
439	Negative	Off	Interior	Kitchen	Wall		Wood	A	UC	Intact	Intact	Intact	0.7 mg/cm ²	Action Level	
440	Negative	Off	Interior	Kitchen	Wall		Wood	B	UC	Intact	Intact	Intact	0.1 mg/cm ²	Action Level	
441	Negative	Off	Interior	Kitchen	Wall		Wood	C	UC	Intact	Intact	Intact	0.5 mg/cm ²	Action Level	
442	Negative	Off	Interior	Kitchen	Wall		Wood	D	UC	Intact	Intact	Intact	0.6 mg/cm ²	Action Level	
443	Negative	Off	Interior	Kitchen	Window	Sill	Wood	D	Right	Intact	Intact	Intact	0.4 mg/cm ²	Action Level	
444	Negative	Off	Interior	Kitchen	Window	Sash	Wood	D	Right	Intact	Intact	Intact	0.3 mg/cm ²	Action Level	
445	Negative	Off	Interior	Kitchen	Window	Casing	Wood	D	Right	Intact	Intact	Intact	0.7 mg/cm ²	Action Level	
446	Negative	Off	Interior	Kitchen	Baseboard		Wood	C	Center	Intact	Intact	Intact	0.4 mg/cm ²	Action Level	
447	Negative	Off	Interior	Kitchen	Door	Jamb	Wood	C	Center	Intact	Intact	Intact	0.4 mg/cm ²	Action Level	
448	Negative	Off	Interior	Kitchen	Cabinet		Wood	C	Center	Intact	Intact	Intact	0.4 mg/cm ²	Action Level	
449	Negative	Off	Interior	Kitchen	Ceiling		Ceiling Tile	B		Intact	Intact	Intact	0.2 mg/cm ²	Action Level	
450	Negative	Off	Interior	Bedroom 1	Door	Jamb	Wood	D	Center	Intact	Intact	Intact	0.7 mg/cm ²	Action Level	
451	Negative	Off	Interior	Bedroom 1	Door	Casing	Wood	B	Center	Intact	Intact	Intact	0.3 mg/cm ²	Action Level	
452	Negative	Off	Interior	Bedroom 1	Baseboard		Wood	B	Center	Intact	Intact	Intact	0.3 mg/cm ²	Action Level	

Detailed Lead Paint Inspection Report

Inspection Site: [REDACTED]
East Chicago, IN 46312

Inspection Date: 4/13/2019 - 4/13/2019
Action Level: 1.0 mg/cm²
Total Readings: 140
Unit Started: 04/13/2019 11:46:39
Unit Ended: 04/13/2019 13:16:05

#	Result	RTA Present	Room	Room		Structure		Substrate		Wall Location	Condition	Lead (mg/cm ²)	Mode
				Interior	Exterior	Window	Door	Wood	Other				
453	Negative	Off	Interior	Bedroom 1	Bedroom 1	Window	Sill	Wood	Center	Intact	Intact	0.3 mg/cm ²	Action Level
454	Negative	Off	Interior	Bedroom 1	Bedroom 1	Window	Sash	Wood	Center	Intact	Intact	0.3 mg/cm ²	Action Level
455	Negative	Off	Interior	Bedroom 1	Bedroom 1	Window	Casing	Wood	3424	Intact	Intact	0.3 mg/cm ²	Action Level
456	Positive	Off	Interior	Bedroom 1	Bedroom 1	Wall		Plaster	B UL	Intact	Intact	10.2 mg/cm ²	Action Level
457	Positive	Off	Interior	Bedroom 1	Bedroom 1	Wall		Plaster	C UC	Intact	Intact	16.1 mg/cm ²	Action Level
458	Positive	Off	Interior	Bedroom 1	Bedroom 1	Wall		Plaster	D UC	Intact	Intact	15.9 mg/cm ²	Action Level
459	Positive	Off	Interior	Bedroom 1	Bedroom 1	Wall		Plaster	A UL	Intact	Intact	16.0 mg/cm ²	Action Level
460	Negative	Off	Interior	Bedroom 1	Bedroom 1	Ceiling		Ceiling Tile	A	Intact	Intact	0.3 mg/cm ²	Action Level
461	Negative	Off	Interior	Bedroom 2	Bedroom 2	Ceiling		Ceiling Tile	D	Intact	Intact	0.2 mg/cm ²	Action Level
462	Positive	Off	Interior	Bedroom 2	Bedroom 2	Wall		Plaster	D UC	Intact	Intact	0.3 mg/cm ²	Action Level
463	Negative	Off	Interior	Bedroom 2	Bedroom 2	Wall		Plaster	C UC	Intact	Intact	0.2 mg/cm ²	Action Level
464	Positive	Off	Interior	Bedroom 2	Bedroom 2	Wall		Plaster	B UC	Intact	Intact	12.8 mg/cm ²	Action Level
465	Positive	Off	Interior	Bedroom 2	Bedroom 2	Wall		Plaster	A UC	Intact	Intact	12.5 mg/cm ²	Action Level
466	Negative	Off	Interior	Bedroom 2	Bedroom 2	Window	Sill	Wood	B Right	Intact	Intact	0.5 mg/cm ²	Action Level
467	Negative	Off	Interior	Bedroom 2	Bedroom 2	Window	Sash	Wood	B Right	Intact	Intact	0.3 mg/cm ²	Action Level
468	Negative	Off	Interior	Bedroom 2	Bedroom 2	Window	Casing	Wood	B Right	Intact	Intact	0.3 mg/cm ²	Action Level
469	Negative	Off	Interior	Bedroom 2	Bedroom 2	Baseboard		Wood	D Left	Intact	Intact	0.2 mg/cm ²	Action Level
470	Negative	Off	Interior	Bedroom 2	Bedroom 2	Door	Jamb	Wood	D Left	Intact	Intact	0.1 mg/cm ²	Action Level

Detailed Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 140
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site:

████████████████████
 East Chicago, IN 46312

Read #	Result	RTA Present	Room	Structure		Substrate			Wall	Location	Condition	Lead (mg/cm ²)	Mode
				>RoomChoice	Door	Panel	Member	D					
471	Negative	Off	Interior	Bedroom 2	Door	Panel	Wood	Wood	D	Left	Intact	0.3 mg/cm ²	Action Level
472	Negative	Off	Interior	Living Room	Baseboard		Wood	Wood	B	Right	Intact	0.3 mg/cm ²	Action Level
473	Negative	Off	Interior	Living Room	Door	Panel	Wood	Wood	B	Right	Intact	0.3 mg/cm ²	Action Level
474	Negative	Off	Interior	Living Room	Door	Casing	Wood	Wood	B	Right	Intact	0.2 mg/cm ²	Action Level
475	Negative	Off	Interior	Living Room	Window	Sill	Wood	Wood	D	Center	Intact	0.2 mg/cm ²	Action Level
476	Negative	Off	Interior	Living Room	Window	Sash	Wood	Wood	D	Center	Intact	0.2 mg/cm ²	Action Level
477	Negative	Off	Interior	Living Room	Window	Casing	Wood	Wood	D	Center	Intact	0.2 mg/cm ²	Action Level
478	Negative	Off	Interior	Living Room	Wall		Plaster	Plaster	D	LC	Intact	0.3 mg/cm ²	Action Level
479	Negative	Off	Interior	Living Room	Wall		Plaster	Plaster	C	UC	Intact	0.6 mg/cm ²	Action Level
480	Negative	Off	Interior	Living Room	Wall		Plaster	Plaster	B	UC	Intact	0.4 mg/cm ²	Action Level
481	Negative	Off	Interior	Living Room	Wall		Plaster	Plaster	A	UC	Intact	0.4 mg/cm ²	Action Level
482	Negative	Off	Interior	Living Room	Ceiling		Ceiling Tile	Ceiling Tile	A		Intact	0.5 mg/cm ²	Action Level
483	Positive	Off	Interior	Bathroom	Wall		Plaster	Plaster	B	UL	Intact	3.1 mg/cm ²	Action Level
484	Positive	Off	Interior	Bathroom	Wall		Plaster	Plaster	C	UC	Intact	2.8 mg/cm ²	Action Level
485	Positive	Off	Interior	Bathroom	Wall		Plaster	Plaster	D	UC	Intact	2.7 mg/cm ²	Action Level
486	Positive	Off	Interior	Bathroom	Wall		Plaster	Plaster	A	UC	Intact	2.7 mg/cm ²	Action Level
487	Positive	Off	Interior	Bathroom	Window	Sash	Wood	Wood	A	Center	Intact	11.6 mg/cm ²	Action Level
488	Positive	Off	Interior	Bathroom	Door	Jamb	Wood	Wood	B	Center	Intact	6.5 mg/cm ²	Action Level

Innerspace Environmental Assessment, Inc. PO Box 231 Elburn, IL

Detailed Lead Paint Inspection Report

East Chicago, IN 46312

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 140
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site:

Read #	Result	RTA Present	Room	Structure		Substrate	Wall	Location	Condition	Lead (mg/cm ²)	Mode
				>RoomChoice	>Member						
489	Positive	Off	Interior	Bathroom	Door	Wood	B	Center	Intact	5.6 mg/cm ²	Action Level
490	Negative	Off	Interior	Bathroom	Cabinet	Wood	B	Right	Intact	0.2 mg/cm ²	Action Level
491	Negative	Off	Interior	South Basement	Stair	Wood	B	Right	Intact	0.4 mg/cm ²	Action Level
492	Negative	Off	Interior	South Basement	Stair	Wood	B	Right	Intact	0.5 mg/cm ²	Action Level
493	Positive	Off	Interior	South Basement	Door	Wood	B	Right	Intact	5.7 mg/cm ²	Action Level
494	Positive	Off	Interior	South Basement	Door	Wood	B	Right	Intact	6.2 mg/cm ²	Action Level
495	Positive	Off	Interior	South Basement	Door	Wood	C	Center	Intact	1.7 mg/cm ²	Action Level
496	Negative	Off	Interior	South Basement	Joist	Wood	C	Center	Intact	0.0 mg/cm ²	Action Level
497	Negative	Off	Interior	South Basement	Ceiling	Wood	C	Center	Intact	0.1 mg/cm ²	Action Level
498	Negative	Off	Interior	South Basement	Wall	Brick	C	UL	Intact	0.0 mg/cm ²	Action Level
499	Negative	Off	Interior	South Basement	Wall	Conc Block	D	LC	Intact	-0.1 mg/cm ²	Action Level
500	Negative	Off	Interior	South Basement	Wall	Conc Block	A	LL	Intact	0.1 mg/cm ²	Action Level
501	Negative	Off	Interior	South Basement	Wall	Conc Block	B	LL	Intact	0.1 mg/cm ²	Action Level
502	Negative	Off	Interior	South Basement	Floor	Concrete	A		Intact	-0.1 mg/cm ²	Action Level
503	Negative	Off	Interior	North Basement	Floor	Concrete	A		Intact	0.1 mg/cm ²	Action Level
504	Negative	Off	Interior	North Basement	Wall	Conc Block	A	LR	Intact	0.1 mg/cm ²	Action Level
505	Negative	Off	Interior	North Basement	Wall	Conc Block	B	LC	Intact	0.1 mg/cm ²	Action Level
506	Negative	Off	Interior	North Basement	Wall	Conc Block	C	LL	Intact	0.1 mg/cm ²	Action Level

Detailed Lead Paint Inspection Report

Inspection Date: 4/13/2019 - 4/13/2019
 Action Level: 1.0 mg/cm²
 Total Readings: 140
 Unit Started: 04/13/2019 11:46:39
 Unit Ended: 04/13/2019 13:16:05

Inspection Site:

[REDACTED]
 East Chicago, IN 46312

Read #	Result	RTA Present	Room	Structure		Substrate			Wall Location	Condition	Lead (mg/cm ²)	Mode
				> RoomChoice	> Member	Conc	Block	D				
507	Negative	Off	Interior	North Basement	Wall						0.0 mg/cm ²	Action Level
508	Negative	Off	Interior	North Basement	Chimney	Brick	B	B	Center	Intact	0.1 mg/cm ²	Action Level
509	Negative	Off	Interior	North Basement	Support	Brick	B	B	Center	Intact	-0.1 mg/cm ²	Action Level
510	Negative	Off	Interior	North Basement	Support	Wood	B	B	Left	Intact	0.2 mg/cm ²	Action Level
511	Negative	Off	Interior	North Basement	Joist	Wood	B	B	Left	Intact	0.1 mg/cm ²	Action Level
512	Negative	Off	Interior	North Basement	Ceiling	Wood	B	B	Center	Intact	0.1 mg/cm ²	Action Level
513	Positive	Off	Interior	North Basement	Door	Wood	A	A	Center	Intact	1.2 mg/cm ²	Action Level
514	Negative	Off	Interior	North Basement	Duct	Metal	A	A	Left	Intact	0.1 mg/cm ²	Action Level
515	Off	Off	Calibration								1.0 mg/cm ²	Action Level
516	Off	Off	Calibration								1.0 mg/cm ²	Action Level
517	Off	Off	Calibration								1.0 mg/cm ²	Action Level
518	Off	Off	Calibration								-0.1 mg/cm ²	Action Level
519	Off	Off	Calibration								0.1 mg/cm ²	Action Level
520	Off	Off	Calibration								0.2 mg/cm ²	Action Level

----- END OF READINGS -----

LEAD DUST AND SOIL LABORATORY RESULTS

**EMSL Analytical, Inc.**

6340 CastlePlace Dr., Indianapolis, IN 46250
 Phone/Fax: (317) 803-2997 / (317) 803-3047
<http://www.EMSL.com> indianapolislaboratory@emsl.com

EMSL Order: 181906938
 CustomerID: INNEB2
 CustomerPO:
 ProjectID:

Attn: **James Sundberg**
Innerspace Environmental
PO Box 231
Elburn, IL 60119

Phone: (630) 365-9910
 Fax: (630) 365-9912
 Received: 04/16/19 9:00 AM
 Collected: 4/13/2019

Project: ██████████, East Chicago, IN

Test Report: Lead in Soils by Flame AAS (SW 846 3050B/7000B)*

<i>Client Sample Description</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Weight</i>	<i>RDL</i>	<i>Lead Concentration</i>
1102 - S01 181906938-0001	4/13/2019	4/17/2019	1.0227 g	40 mg/Kg	240 mg/Kg
	Site: BACK HOSE, FT YARD, BARE SOIL				

Doug Wiegand, Laboratory Manager
 or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. Unless noted, results in this report are not blank corrected. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Definitions of modifications are available upon request.
 Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AHA-LAP, LLC-ELLAP 157245, OH E10040

Initial report from 04/18/2019 16:43:01



EMSL Analytical, Inc.

6348 CascadePlace Dr., Indianapolis, IN 46258
Phone/Fax: (317) 803-2997 / (317) 803-3047
www.emsl.com info@emsl.com

EMSL Order: 161906936
CustomerID: INNE62
CustomerPO:
ProjectID:

Attn: James Sundberg
Innerspace Environmental
PO Box 231
Elburn, IL 60119

Phone: (630) 365-9910
Fax: (630) 365-9912
Received: 04/16/19 9:00 AM
Collected: 4/13/2019

Project: ██████████, East Chicago, IN

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	Collected	Analyzed	Area Sampled	RDL	Lead Concentration
1102B - 01 101906936-0002	4/13/2019	4/17/2019	288 in ² Site: FOYER, FL	5.0 µg/m ²	29 µg/m ²
1102B - 02 101906936-0003	4/13/2019	4/17/2019	54 in ² Site: FOYER, WS	27 µg/m ²	1100 µg/m ²
1102B - 03 101906936-0004	4/13/2019	4/17/2019	288 in ² Site: KIT, FL	5.0 µg/m ²	<5.0 µg/m ²
1102B - 04 101906936-0005	4/13/2019	4/17/2019	56 in ² Site: KIT, WS	26 µg/m ²	590 µg/m ²
1102B - 05 101906936-0006	4/13/2019	4/17/2019	288 in ² Site: BATH, FL	5.0 µg/m ²	<5.0 µg/m ²
1102B - 06 101906936-0007	4/13/2019	4/17/2019	30 in ² Site: BATH, WS	48 µg/m ²	1000 µg/m ²
1102B - 07 101906936-0008	4/13/2019	4/17/2019	54 in ² Site: LR, WS	27 µg/m ²	610 µg/m ²
1102B - 08 101906936-0009	4/13/2019	4/17/2019	54 in ² Site: BED 1, WS	27 µg/m ²	160 µg/m ²
1102B - 09 101906936-0010	4/13/2019	4/17/2019	72 in ² Site: BED 2, WS	20 µg/m ²	110 µg/m ²
1102B - 10 101906936-0011	4/13/2019	4/17/2019	288 in ² Site: BED 2, TOP CLOCK	5.0 µg/m ²	<5.0 µg/m ²



Doug Wiegand, Laboratory Manager
or other approved signatory

*Analysis following Lead in Dust by EMSL SOP Determination of Environmental Lead by FLAA. Reporting limit is 10 µg/m² unless noted. *C* from these results signifies that the analysis was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements unless specifically indicated otherwise. Details of modifications are available upon request.
Samples analyzed by EMSL Analytical, Inc. Indianapolis, IN AHA-LAP, LLC-ELLAP Accredited 0157245

Initial report from 04/18/2019 16:43:01

Order ID: 161906936
 Timerspace Environmental Assessment, Inc.
 P.O. Box 231
 Elburn, Illinois 60119

Page 1 of 1

161906936

LEAD SOIL SAMPLE LABORATORY ANALYSIS FORM

Project No:		
Address: XXXXXXXXXX , East Chicago, IN		
Client: Elevate Energy		
Employee: Sundberg		
Date: April 13, 2019		
Job Description: Risk Assessment		
Field Number	(ppm)	Type of material, present condition & location where sample was taken
1102 -S01		Back Hase Fryard, Bare Soil
TURN AROUND TIME (FOR VERBAL RESULTS CIRCLE ONE)		COMMENTS
<input type="checkbox"/> 24Hr <input checked="" type="checkbox"/> 48Hr <input type="checkbox"/> 72Hr		PLEASE email RESULTS TO JAY @ jaywsun@comcast.net

CHAIN OF CUSTODY RECORD

Collected By (Signature) <i>Jane W. Sundberg</i>	Date 4/13/19	Time 12 noon	Relinquished by (Signature) <i>Jane W. Sundberg</i>	Date 4/13/19	Time 5 p
Received by (Signature) <i>Michael J. McDonald</i>	Date 4-16	Time 9:00 AM	Relinquished by (signature)	Date	Time
Dispatched by: (Signature, if mailed)	Date	Time	Received for Laboratory by: <i>de</i>	Date 4/15/19	Time 8 am

DB

Order ID: 161906936

Innerspace Environmental Assessment

Page 1 of 1

PO Box 231
Elburn, Illinois 60119

161906936

DUST (WIPE)/LEAD SAMPLE LABORATORY ANALYSIS FORM

Project No:	
Address: XXXXXXXXXX East Chicago, IN	
Client: Elevate Energy	
Employee: James W. Sundberg	
Date: April 13, 2019	
Job Description: Back House Only	

Field Number	Area (sq. ft.)	Lead Concentration (ug/m ²)	Type of material, present condition & location where sample was taken
1102B-01	12x24		Foyer, FL
02	3x18		Foyer, WS
-03	12x24		KIT, FL
-04	4x14		KIT, WS
-05	12x24		Bath, FL
-06	1/2x20		Bath, WS
-07	3x18		LR, WS
-08	3x8		Bed 1, WS
-09	4x18		2, WS
✓ -10	12x24		2, Top Clock

TURN AROUND TIME	24 Hr	COMMENTS
	48 Hr	
	<u>72 Hr</u>	
	5 Day	
PLEASE email RESULTS TO Jay @ jaywsun@comcast.net		
Blanks are Ghost Wipes from Lab. ASTM approved.		

CHAIN OF CUSTODY RECORD

Collected By (Signature): <i>James W. Sundberg</i>	Date: 4/15/19	Time: 2:00	Relinquished by (Signature): <i>James W. Sundberg</i>	Date: 4/15/19	Time: 5:00
Dispatched by (Signature, if mailed):	Date:	Time:	Received by Laboratory by: <i>de</i>	Date: 4/15/19	Time: 8 am

Carolyn Madenhardt

DB

4.16.19 9:00 AM

Order ID: 161906936

GEN-FM-10-1: Sample Transfer-One Time
Revision 4.2
Revision Date: 1/05/2016
Effective Date: 1/05/2016



161906936
EMSL Analytical, Inc.
Sample Transfer Form

Receiving Lab:	EMSL- 26	Phone Number:	
		Fax Number:	
Relinquished to:	EMSL- Indianapolis	Phone Number:	
		Fax Number:	
Does new lab hold equivalent or additional accreditation? *			<input type="checkbox"/> Yes <input type="checkbox"/> No
EMSL Customer ID # (if known):			
Client Name:	Innerspace Environmental		
Client Project:	[REDACTED], East Chicago, IN		
Tests to be Performed:	C-lead		
Date Received:	4-15-19		
Date Relinquished:	4-15-19		
Date Due:	72 hr TAT		
Special Instructions: (e.g. Work Order #, required qualifications, project specific procedures/modifications)			
Relinquished by (Signature): Marie Fetch	Date: 4-15-19	Received by (Signature): Carolyn McDermott	Date: 4-16-19
Relinquished by (Signature):	Date:	Received by (Signature):	Date:
Customer Agreement - Please sign form and send to the receiving laboratory. By signing below, you agree to permit the above named receiving lab to transfer samples to a separate EMSL lab with equivalent qualifications* for analysis. The final report will be issued from the analyzing laboratory. Ensure any requirements are listed in special instructions.			
Name (please print): Marie Fetch *enrolled client	Signature: Marie Fetch	Agent of: emsl	Date: 4-15-19
If this is a recurring project or sample type that may require samples to be relinquished on a regular basis, a Standing Agreement form must be completed.			

* Receiving and analyzing labs shall be aware of required qualifications of project prior to transfer of samples.
Note: If customer has been notified and approved this transfer verbally or by e-mail, the receiving lab must sign for the customer above. EMSL employee filling out form on behalf of customer shall print name of person to whom they spoke, date agreement was received, and then sign under Signature.

OrderID: 161906936

GEN-FM-10-1: Sample Transfer-One Time
Revision 4.2
Revision Date: 1/05/2016
Effective Date: 1/05/2016



161906936
EMSL Analytical, Inc.
Sample Transfer Form

Receiving Lab:	EMSL- 26	Phone Number:	
		Fax Number:	
Relinquished to:	EMSL- Indianapolis	Phone Number:	
		Fax Number:	
Does new lab hold equivalent or additional accreditation? *			<input type="checkbox"/> Yes <input type="checkbox"/> No
EMSL Customer ID # (if known):			
Client Name:	Innerspace Environmental		
Client Project:	[REDACTED], East Chicago, IN		
Tests to be Performed:	C-lead		
Date Received:	4-15-19		
Date Relinquished:	4-15-19		
Date Due:	72hr TAT		
Special Instructions: (e.g. Work Order #, required qualifications, project specific procedures/modifications)			
Relinquished by (Signature):	Date:	Received by (Signature):	Date:
Marie Fetch	4-15-19		
Relinquished by (Signature):	Date:	Received by (Signature):	Date:
Customer Agreement - Please sign form and send to the receiving laboratory. By signing below, you agree to permit the above named receiving lab to transfer samples to a separate EMSL lab with equivalent qualifications* for analysis. The final report will be issued from the analyzing laboratory. Ensure any requirements are listed in special instructions.			
Name (please print):	Signature:	Agent of:	Date:
Marie Fetch *enrolled chem	Marie Fetch	emsl	4-15-19
If this is a recurring project or sample type that may require samples to be relinquished on a regular basis, a Standing Agreement form must be completed.			

* Receiving and analyzing labs shall be aware of required qualifications of project prior to transfer of samples.
Note: If customer has been notified and approved this transfer verbally or by e-mail, the receiving lab must sign for the customer above. EMSL employee filling out form on behalf of customer shall print name of person to whom they spoke, date agreement was received, and then sign under Signature.

**RISK ASSESSOR LICENSE
LABORATORY ACCREDITATION**

January 13, 2017


Based upon the review of your license application, the Indiana Lead and Healthy Homes Program has determined that you have fulfilled the requirements of 410 IAC 32 and are eligible for licensing in the following lead based discipline: Lead Risk Assessor.

Enclosed is your Lead Risk Assessor license card. This card must be available for review at all times while you are implementing a lead-based project.

This license may be revoked pursuant to 410 IAC 32-2-6, if you:


- (1) Violate any requirements of these rules (410 IAC 32), or any other federal, state, or local regulation pertaining to lead-based paint activities.
- (2) Falsify information on your application for licensing.
- (3) Fail to meet any qualifications specified in 410 IAC 32.
- (4) Conduct a lead-based paint project, or related lead-based activity, in a manner that is hazardous to the public health.

Your license is valid effective 12/01/2004 and will expire on 12/01/2019, as indicated on your card. We suggest that you attend the required training and submit an application for license renewal early to insure your license does not lapse. In order to avoid re-taking the initial training course, you must attend a refresher in the discipline you are seeking a license within three (3) years from the date of issuance of your last training course certificate.



Indiana State Department of Health
James W. Sundberg
Lead Risk Assessor License # IN2103127

Effective: 12/01/2004	Expiration: 12/01/2019
Birth Date: 11/05/1968	Gender: M
Height: 6'2"	Eye Color: HAZ
Weight: 250	Hair Color: BRO



Indiana State Department of Health
100 N. Senate Avenue, N855
Indianapolis, Indiana 46204

Lead Risk Assessor

Certificate Number	Expiration Date
IN2103127	12/01/2019

James W. Sundberg

Jerome M. Adams, MD, MPH
State Health Commissioner
Indiana State Department of Health

STATE OF INDIANA 2017-01-13 10:27:00 AM



AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc

4140 Litt Drive, Hillside, IL 60162-1120

Laboratory ID 102992

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025 2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

LABORATORY ACCREDITATION PROGRAMS

- | | |
|--|--|
| <input checked="" type="checkbox"/> INDUSTRIAL HYGIENE | Accreditation Expires September 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL LEAD | Accreditation Expires September 01, 2020 |
| <input checked="" type="checkbox"/> ENVIRONMENTAL MICROBIOLOGY | Accreditation Expires September 01, 2020 |
| <input type="checkbox"/> FOOD | Accreditation Expires |
| <input type="checkbox"/> UNIQUE SCOPES | Accreditation Expires |

Specific Field(s) of Testing (FoTY)Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025 2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

Beth Bair

Elizabeth Bair
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 16 03/21/2018

Date Issued 08/31/2018

LEAD HAZARD PAMPHLET

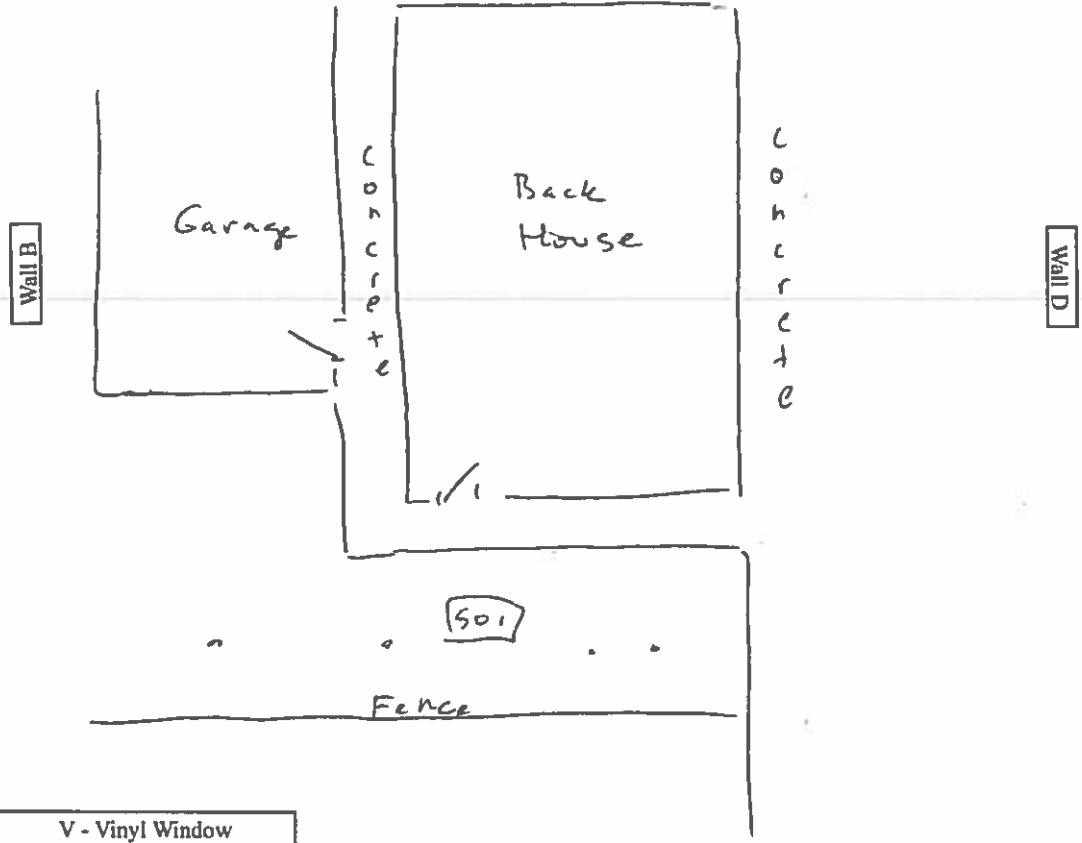
<http://www.epa.gov/lead/pubs/renovaterightbrochure.pdf>

PROPERTY AND HOME LAYOUT

[REDACTED]
East Chicago, IN 46312

Wall C

← ALLEY →



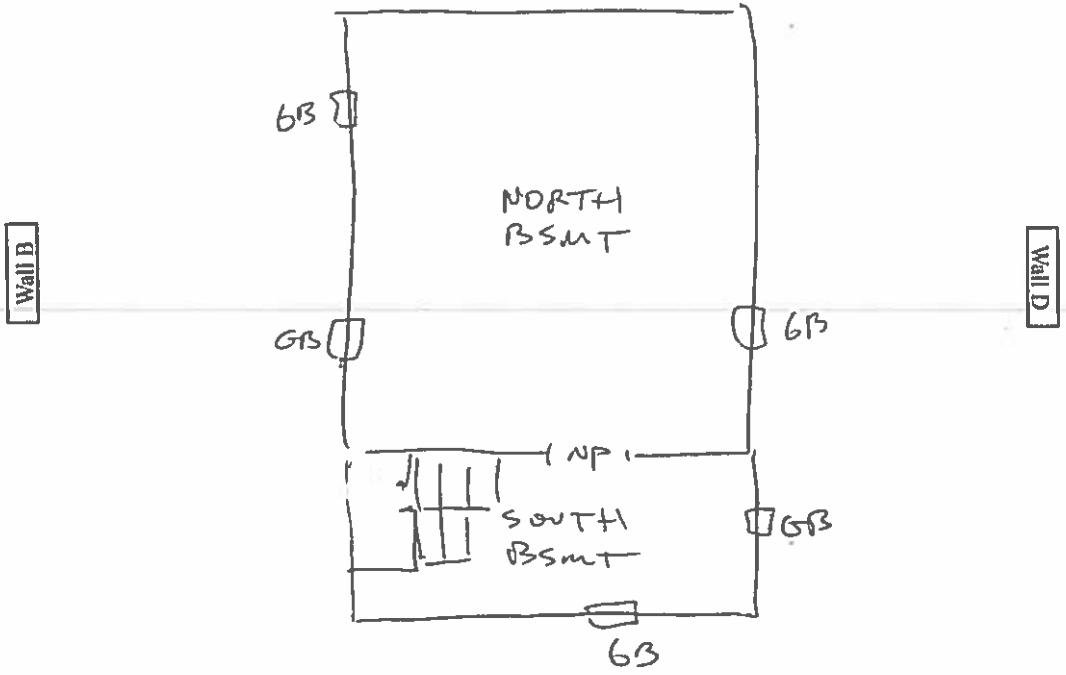
- V - Vinyl Window
- W - Wood Window
- OH - Overhead Door
- NP - No Door Panel
- CL - Closet
- GB - Glass Block

Wall A

N ↑
Not to Scale

██████████
East Chicago, IN 46312

Wall C
Basement



- V - Vinyl Window
- W - Wood Window
- OH - Overhead Door
- NP - No Door Panel
- CL - Closet
- GB - Glass Block

Wall A

N ↑
Not to Scale

██████████
East Chicago, IN 46312

Wall C
Asph floor

