



**PHASE I ENVIRONMENTAL SITE ASSESSMENT  
LURIE TERRACE APARTMENTS  
600 WEST HURON STREET AND 3 PARKVIEW PLACE  
ANN ARBOR, WASHTENAW COUNTY, MICHIGAN**

**D3G PROJECT NUMBER:  
2020-0252**

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AUGUST 17, 2020**

**INSPECTION DATE:  
MARCH 10, 2020**

**PREPARED FOR:  
ORIX REAL ESTATE CAPITAL, LLC  
10 WEST BROAD STREET, 8TH FLOOR  
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## EXECUTIVE PROPERTY DESCRIPTION

Property: Lurie Terrace Apartments  
600 West Huron Street and 3 Parkview Place  
Ann Arbor, Washtenaw County, Michigan

Site Description:

The subject property consists of one (1) eight-story and one (1) two-story age-restricted apartment structure constructed in 1963 and 1950, respectively. The subject property structures contain a total of 136 residential dwelling units and are situated on approximately 1.539 acres of land. The subject property contains a gross building area of approximately 77,424 square feet. Located within the apartment structures are laundry facilities, a gym, a library, common areas, a conference room, dining areas, a facility kitchen and maintenance/mechanical areas. Exterior property improvements include carports, a community garden, landscaped regions and asphalt parking areas. The subject property is serviced by electricity, natural gas, and municipally supplied water and sewer. The Sponsor is submitting this project under the HUD MAP 223(f) Program, consisting of a purchase of the existing apartment complex with no significant ground disturbing activities.



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## 1.0 EXECUTIVE SUMMARY

The following table summarizes the conclusions and opinions representing Dominion Due Diligence Group's (D3G's) best professional judgment based on information accessed during the course of this investigation. D3G performed a Phase I Environmental Site Assessment that included subject property observations of Lurie Terrace Apartments on March 10, 2020 located at 600 West Huron Street and 3 Parkview Place in Ann Arbor, Washtenaw County, Michigan (subject property).

EVALUATED CONDITIONS	SECTION REFERENCE	ACCEPTABLE	RECOMMENDED RESPONSE ACTION
STANDARD ENVIRONMENTAL RECORDS REVIEW	5.1	YES	
UNREGULATED UNDERGROUND STORAGE TANK(S) (UST)	6.3	YES	
PAST INDUSTRIAL/DETRIMENTAL OPERATIONS	5.4 5.5	YES	
VAPOR ENCROACHMENT CONDITION	5.6	YES	
STORED HAZARDOUS MATERIALS	6.3 6.4	YES	
POLYCHLORINATED BIPHENYLS (PCBS)	6.3 6.4	YES	
ABOVEGROUND STORAGE TANK(S) (AST)	6.3 6.4	YES	
DUMPING, LANDFILLS	6.3	YES	
HAZARDOUS RUN-OFF	6.3	YES	
ASBESTOS-CONTAINING MATERIALS	8.1		(1)
LEAD-BASED PAINT	8.2		(2)
RADON GAS	8.3	YES	
OTHER: LEAKING ELEVATOR EQUIPMENT	NA		(3)

(1) D3G recommends that the identified and presumed asbestos-containing materials be managed under a site-specific Operations and Maintenance (O&M) Program. In addition, compliance with 40 CFR 61 Subpart M is recommended prior to any renovation or demolition activities at the subject property.

(2) D3G recommends utilizing interim controls to address the identified paint-lead hazards and dust hazards at the 3 Parkview Place building utilizing lead-safe work practices followed by dust-lead clearance testing to demonstrate effective cleanup. The exterior wood door jamb should be enclosed with rigid weather stripping or the paint chemically removed. All renovation and maintenance workers who may impact LBP are required to have a one-day EPA renovator class when working in residential facilities constructed prior to 1978 that contain LBP and any impacts to LBP must be conducted in accordance with applicable EPA and state regulations. LBP at both buildings should be managed under a site-specific Operations and Maintenance (O&M) Program. A Lead Risk Assessment re-evaluation should be conducted of the 3 Parkview Place building by a licensed risk assessor within two (2) years.

(3) D3G recommends that the leaking hoist elevator equipment be repaired to proper working order and that the spilled oil is disposed of in accordance with applicable regulations.



## 2.0 INTRODUCTION

### 2.1 Purpose

ORIX Real Estate Capital, LLC contracted Dominion Due Diligence Group (D3G) to perform a Phase I Environmental Site Assessment (ESA) of the Lurie Terrace Apartments located at 600 West Huron Street and 3 Parkview Place in Ann Arbor, Washtenaw County, Michigan (subject property). As such, ORIX Real Estate Capital, LLC is considered the "User" of this report as defined under ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation: E 1527-13 (ASTM E 1527-13). HUD is an authorized user of this Phase I ESA.

The purpose of the Phase I ESA is to provide all appropriate inquiry into the previous ownership and uses of the subject property and to identify recognized environmental conditions (RECs), which are the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. In addition, the Phase I ESA includes the identification of controlled recognized environmental conditions (CRECs), historical recognized environmental conditions (HRECs), and de minimis conditions. CRECs are RECs resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). HRECs involve a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. De minimis conditions generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. For the purposes of this reporting, D3G defines "environmental concerns" as de minimis conditions and non-scope considerations for which further action is recommended.

As per the U.S. Housing and Urban Development (HUD) Multifamily Accelerated Processing Guide, as amended, the Phase I ESA provides an initial determination of the overall Department's environmental responsibilities pursuant to 24 CFR 50.3(i). In addition, this report assesses non-scope considerations as directed by the client. Factual information regarding on-site business operations, conditions, and historical data provided to D3G is assumed to be correct and complete.

This investigation was conducted in accordance with ASTM E 1527-13 published guidelines, 40 CFR Part 312, Standards and Practices for All Appropriate Inquiries: Final Rule, U.S. Housing and Urban Development (HUD) Multifamily Accelerated Processing Guide, as amended, and accepted Phase I ESA industry standards.



## 2.2 Detailed Scope of Services

The ASTM E 1527-13 scope of work for this Phase I ESA consisted of the following:

- site reconnaissance of the subject property and a visual survey of the adjacent properties to evaluate the potential for RECs;
- review of applicable and reasonably ascertainable information about the subject property, including aerial photography, USGS topographic map, state and federal databases, Sanborn maps, property assessment information and other governmental sources that are publicly available, practically reviewable, and obtainable within reasonable time and cost constraints;
- interviews with selected individuals knowledgeable about the subject property and vicinity properties; and
- if provided, a review of existing environmental reports documenting previous assessment and remediation efforts completed at the subject property.

D3G also evaluated the following ASTM Non-Scope Considerations in accordance with the U.S. HUD Multifamily Accelerated Processing (MAP) Guide, as amended, including, but not limited to, Tier 1 Vapor Encroachment Screening in general compliance with ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions Designation: E 2600-15, asbestos-containing materials, lead-based paint, and radon gas. In addition, it should be noted that the HUD Environmental Review Record Related Federal Laws and Authorities Worksheets are included under separate cover.

This Phase I ESA did not include the collection or analysis of soil or groundwater samples.

## 2.3 Significant Assumptions

Factual information regarding on-site business operations, conditions, and historical data provided to D3G is assumed to be correct and complete. D3G assumes no responsibility for hidden or latent conditions or misrepresentation by the property owner, its representatives, public information officials or any authority consulted in connection with the compilation of this report.

D3G assumes that all information provided by Environmental Data Resources, Inc. (EDR) regarding the regulatory status of facilities within the approximate minimum search distance is complete, accurate and current.



## 2.4 Limitations and Exceptions

D3G encountered the following limitations, exceptions, and/or data gaps during the performance of this Phase I ESA:

- Our on-site observations pertain only to specific locations at specific times on specific dates. This report and conclusions herein are based upon data collection between February 14, 2020 and August 17, 2020. Our observations and conclusions do not reflect variations in conditions that may exist, in unexplored areas of the site, or at times other than those represented by our observations.
- In order for the prospective purchaser to claim protection from CERCLA liability as an innocent landowner, bona fide prospective purchaser, or contiguous property owner, the acquisition of the subject property should be completed within 180 days after the subject property inspection date.
- According to 40 CFR Part 312, Standards and Practices for All Appropriate Inquiries: Final Rule, CERCLA liability rests with the owner or operator of a property and not with an environmental professional hired by the prospective landowner and who is not involved with the ownership or operation of the property.
- This report meets the requirements set forth in 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries: Final Rule. However, in order to qualify for certain landowner liability protections under CERCLA, Bona Fide Prospective Purchasers, Contiguous Property Owners, and/or Innocent Landowners must meet additional requirements in 101(35)(B) of CERCLA (42 U.S.C. 9601(35)) of the Federal Register.
- No significant data gaps in historical information were identified that would impact D3G's ability to identify RECs. Collectively the sources considered and consulted during the course of this assessment allowed D3G to adequately determine the subject property history. Therefore, these data gaps are not considered to be significant.
- Historical information was not reasonably ascertainable to the subject property's first developed use. D3G obtained historical information to 1916 at which time the subject property was developed with residential structures and associated auto garages and out structures. Due to the residential nature of the subject property and surrounding area in 1916, this limitation is not significant.
- D3G was unable to gain access to a storage shed. D3G believes the storage shed to be utilized for landscaping and maintenance equipment. Based on the use of the shed, this limitation is not considered to be significant.

## 2.5 Special Terms and Conditions

This investigation was conducted in accordance with ASTM E 1527-13 published guidelines and 40 CFR Part 312, Standards and Practices for All Appropriate Inquiries: Final Rule. In addition, Non-Scope items are addressed in accordance with the U.S. HUD Multifamily Accelerated Processing (MAP) Guide, as amended.

## 2.6 User Reliance

This report has been prepared for, and can be relied upon by the Client, ORIX Real Estate Capital, LLC, and the United States Department of Housing and Urban Development (HUD). This report is not to be relied upon or reproduced, either in whole or in part, without written consent from D3G.



### 3.0 SUBJECT PROPERTY DESCRIPTION

#### 3.1 Location and Legal Description

The subject property is located at 600 West Huron Street and 3 Parkview Place in Ann Arbor, Washtenaw County, Michigan and contains a total of approximately 1.539 acres of land. The subject property is situated at an elevation of approximately 810 feet above mean sea level and is located at Latitude, 42.282058 and Longitude, -83.754940.

MUNICIPAL PARCEL IDENTIFIER	MUNICIPAL PARCEL NUMBER
PARCEL NUMBER	09-09-29-215-060

SOURCE - Washtenaw County assessment documents

A copy of the tax card and map illustrating the legal property boundary is included in Appendix A of this report.

#### 3.2 Site and Vicinity General Characteristics

The subject property is located in an area of residential and light commercial development.

#### 3.3 Current Use of the Subject Property

The subject property is currently utilized as an age-restricted apartment complex.

#### 3.4 Description of Structures, Roads, and Other Improvements

The following section describes general conditions and features as noted during D3G's inspection:

GENERAL SUBJECT PROPERTY DESCRIPTION AND IMPROVEMENTS	
SUBJECT PROPERTY ACREAGE	Approximately 1.539 acres
BUILDING(S) DESCRIPTION	One (1) eight-story apartment building with a full basement and one (1) two-story apartment building with a full basement
ADJOINING ROADS	West Huron and Parkwell Place
CONSTRUCTION DATE(S)	1950 and 1963
EXTERIOR IMPROVEMENTS	A community garden, a shed, car ports, landscaped regions and asphalt parking areas
UNIMPROVED AREAS	None



### 3.4.1 Subject Property Utilities

SUBJECT PROPERTY UTILITIES	
<b>ELECTRICITY</b>	DTE Energy
<b>NATURAL GAS</b>	DTE Energy
<b>WATER</b>	City of Ann Arbor
<b>SANITARY SEWER</b>	City of Ann Arbor
<b>INDUSTRIAL WASTEWATER</b>	NA
<b>SOLID WASTE</b>	City of Ann Arbor

HEATING SOURCE	AGE
Electricity/Natural Gas	1950/1964 - current

COOLING SOURCE	AGE
Electricity	1950/1964 - current

### 3.5 Current Uses of Adjoining Properties

DIRECTION	LAND USAGE
NORTH	West Park and single-family residential
SOUTH	West Huron Street and single-family residential
EAST	Parkwell Place, multi-family residential, single-family residential and Dawn Farm Spera Center
WEST	Huron Professional Building

See Appendix B for a copy of the Site Plan, which identifies subject property structure(s) and general vicinity characteristics.



## 4.0 USER PROVIDED INFORMATION

### 4.1 Title Records

PARCEL IDENTIFICATION	OWNER	PURCHASE DATE	DEED BOOK/PAGE
09-09-29-215-060	Lurie Terrace	1959	Unknown

SOURCE - Washtenaw County assessment documents and completed Current landowner questionnaire

Due to the nature of the tax assessment documents and deed records, a thorough chain-of-title was not reasonably ascertainable.

### 4.2 Environmental Liens or Activity and Use Limitations (AULs)

It is the User's responsibility to provide D3G with information pertaining to environmental liens or AULs. According to information provided in the completed User Questionnaire, there are no environmental liens or AULs associated with the subject property.

D3G reviewed the Commitment for Title Insurance prepared by First American Title Insurance Company on February 25, 2020. No environmental liens or AULs were identified. A copy of the Commitment for Title Insurance is included in Appendix F.

### 4.3 Specialized Knowledge

According to the completed User Questionnaire, the Prospective Landowner Representative did not indicate to D3G that they were aware of any specialized knowledge or experience that is material to recognized environmental conditions in connection with the subject property. The Prospective Landowner Representative was unaware of any environmental liens or activity use limitations (AULs) encumbering the property or in connection with the subject property.

### 4.4 Commonly Known or Reasonably Ascertainable Information

The Prospective Landowner Representative did not indicate to D3G, in the completed User Questionnaire, that they were aware of commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions in connection with the property.

### 4.5 Valuation Reduction for Environmental Issues

According to Ms. Jennifer Hall, Executive Director of Ann Arbor Housing Commission and the Prospective Landowner Representative, the purchase price being paid is less than the fair market value if it were being sold on the open market for the subject property. Ms. Hall indicated the price being paid is less because the purchaser is maintaining the commitment to keep rent prices restricted.

### 4.6 Owner, Property Manager, and Occupant Information

The subject property is currently owned by Lurie Terrace and the Current Landowner questionnaire is discussed further in Section 7.2. Ms. Mary Jean Raab is the current Key Site Manager and this questionnaire is discussed further in Section 7.4.



#### **4.7 Reason For Performing Phase I ESA**

The user informed D3G that the Phase I ESA is being performed because the subject property is being purchased under the HUD MAP 223(f) Program.

#### **4.8 Previous Environmental Reports**

D3G was not provided additional information from the user.



## 5.0 RECORDS REVIEW

### 5.1 Standard Environmental Records Sources

#### 5.1.1 State Regulatory Records

DATABASE	SEARCH DISTANCE
STATE AND TRIBAL LEAKING STORAGE TANK DATA (LUST/LAST)	0.50 Mile
STATE AND TRIBAL STORAGE TANK DATA (UST/AST)	0.25 Mile
STATE AND TRIBAL VOLUNTARY CLEANUP PROGRAM SITES (VCP)	0.50 Mile
STATE AND TRIBAL BROWNFIELD SITES (BROWNFIELDS)	0.50 Mile
STATE AND TRIBAL HAZARDOUS WASTE SITES (SHWS)	1.00 Mile
STATE AND TRIBAL INSTITUTIONAL/ENGINEERING CONTROLS (IC/EC)	0.125 Mile
STATE AND TRIBAL REGISTERED SOLID WASTE LANDFILLS (SWL)	0.75 Mile

SOURCE - State of Michigan governmental records accessed by Environmental Data Resources Inc. (EDR)

The state-regulated facilities are not located on-site or adjacent and are not of environmental concern to the subject property. The closest record is located approximately 0.13 miles southeast and presumed hydrogeologically cross-gradient from the subject property. Based on the listed distances, presumed hydrogeologic relationships, and/or current regulatory statuses, the vicinity state-regulated facilities are not suspected to present environmental concerns to the subject property.

#### 5.1.2 Federal Regulatory Records

DATABASE	SEARCH DISTANCE
EPA NATIONAL PRIORITIES LISTING (NPL - SUPERFUND)	1.00 Mile
EPA NATIONAL PRIORITIES LISTING (NPL - DELISTED SITES)	0.50 Mile
EPA SUPERFUND ENTERPRISE MANAGEMENT SYSTEM (SEMS)	0.50 Mile
EPA SEMS ARCHIVED SITES (SEMS-ARCHIVE)	0.50 Mile
EPA RESOURCE CONSERVATION AND RECOVERY ACT (RCRA)	0.25 Mile
EPA RCRA TREATMENT, STORAGE, AND DISPOSAL (TSD)	0.50 Mile
FEDERAL INSTITUTIONAL/ENGINEERING CONTROLS (IC/EC)	0.125 Mile
EPA EMERGENCY RESPONSE NOTIFICATION-SITES (ERNS)	0.15 Mile
EPA RCRA CORRECTIVE ACTION REPORT (CORRACTS)	1.00 Mile
US BROWNFIELDS (US BROWNFIELDS)	0.50 Mile

SOURCE - Environmental Protection Agency records accessed by Environmental Data Resources (EDR)

The federally-regulated facilities are not located on-site or adjacent and are not of environmental concern to the subject property. The closest record is located approximately 0.14 miles east-northeast and presumed hydrogeologically down-gradient from the subject property. Based on the listed distances, presumed hydrogeologic relationships, and/or current regulatory statuses, the vicinity federally-regulated facilities are not suspected to present environmental concerns to the subject property.

#### 5.1.3 Non-Geocoded Sites

In addition, three (3) non-geocoded sites were listed in the EDR Report. After reviewing the three (3) non-geocoded sites, it was determined that they are not located on-site or adjacent from the subject property and are, therefore, not suspected to present environmental concerns to the subject property.



## 5.2 Additional Environmental Record Sources

Fifty-six (56) additional environmental records were identified in the EDR Report. The additional environmental records were not located on-site or adjacent and are not of environmental concern to the subject property. Based on the listed distances, presumed hydrogeologic relationships, and/or current regulatory statuses, the vicinity additional environmental records are not suspected to present environmental concerns to the subject property.

## 5.3 Physical Setting Sources

### 5.3.1 Topography and Regional Surface Water

TOPOGRAPHY AND REGIONAL SURFACE WATER	
ELEVATION (feet above mean sea level)	Approximately 810
SLOPE	Northeast
APPROXIMATE GROUNDWATER FLOW	Northeast
REGIONAL SURFACE WATER	The Huron River is located approximately 0.75 miles to the northeast of the subject property.

SOURCE - USGS Topographic Quadrangle - Ann Arbor West, Michigan 2019

Located in Appendix A is a topographic map depicting subject property elevations and drainage patterns. Depth to groundwater fluctuates depending on hydrological and weather conditions.

### 5.3.2 Soil Characteristics

According to the NCRS Web Soil Survey, accessed at <http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>, the subject property consists of two (2) soil types: Fox sandy loam, till plain, two (2) to six (6) percent slopes and Fox sandy loam, Huron Lobe, six (6) to twelve (12) percent slopes. Fox sandy loam, till plain, two (2) to six (6) percent slopes and Fox sandy loam, Huron Lobe, six (6) to twelve (12) percent slopes do not meet hydric criteria. Further detail about the remaining soil types is included in Appendix A.

## 5.4 Historical Use Information on the Subject Property

### 5.4.1 Review of Aerial Photographs

D3G reviewed aerial photographs from 1937, 1940, 1949, 1955, 1961, 1969, 1973, 1978, 1983, 1987, 1993, 2006, 2009, 2012, 2016 and 2019. According to the reviewed information, the subject property consisted of residential properties since at least 1937, until conversion to the existing land use as an age-restricted apartment complex in 1963 and 1950. No environmental concerns were identified on the subject property based upon a review of the aerial photography.

A copy of the aerial photography is included in Appendix D of this report.



## **5.4.2 Fire Insurance Maps**

D3G reviewed Sanborn Fire Insurance Maps from 1899, 1908, 1916, 1925, 1931, 1948 and 1972. According to the reviewed information, the subject property was undepicted in 1899 and 1908. The subject property was depicted with residential dwellings and associated out structures from 1916 until prior to 1972, when the current subject property facility was depicted. No environmental concerns were identified on the subject property based upon a review of the Sanborn Fire Insurance Maps. A copy of the Certified Sanborn Map Report is included in Appendix D.

## **5.4.3 Other Historical Sources**

No additional historical sources were reasonably ascertainable.

## **5.4.4 Summary of Subject Property History**

According to the reviewed subject property historical information, the subject property consisted of residential properties since at least 1916, until conversion to the existing land use as an age-restricted apartment complex in 1950 and 1963. No environmental concerns were identified on the subject property based upon a review of the aerial photography.

None of the accessed data depicts underground storage tanks (USTs) at the former structures; however, there exists the possibility that the former structures utilized underground or aboveground storage tanks (USTs/ASTs). No visual evidence of USTs (fill ports/vent pipes) or ASTs was observed during the subject property inspection. If ASTs or USTs were formerly located at the subject property, they should have been removed during the demolition of the structures.

## **5.5 Historical Use Information on Adjoining Properties**

### **5.5.1 Review of Aerial Photographs**

D3G reviewed aerial photographs from 1937, 1940, 1949, 1955, 1961, 1969, 1973, 1978, 1983, 1987, 1993, 2006, 2009, 2012, 2016 and 2019. According to the reviewed information, the adjacent properties have consisted of a park, residential properties, and/or commercial properties. No environmental concerns were identified on the adjacent properties based upon a review of the aerial photography.

A copy of the aerial photography is included in Appendix D of this report.

### **5.5.2 Fire Insurance Maps**

D3G reviewed Sanborn Fire Insurance Maps from 1899, 1908, 1916, 1925, 1931, 1948 and 1972. According to the reviewed information, the adjacent properties have consisted of vacant land, residential dwellings, a park, an office building and Senior Citizens Guild. No environmental concerns were identified on the adjacent properties based upon a review of the Sanborn Fire Insurance Maps, with the exception of the following:

A gasoline filling station with two (2) gasoline tanks is depicted in the 1931, 1948 and 1972 Sanborn Maps in the eastern vicinity of the subject property. The facility is located topographically and hydrologically cross-gradient from the subject property. The facility is currently an Enterprise Rent-a-Car. In addition, the facility is not identified in the EDR Report as a state or federally-regulated facility. In addition, according to Google Earth measurements, the former vicinity structure was located approximately 0.04 miles from the subject property boundary and outside of the area of concern for potential petroleum contamination from a



cross-gradient source. Therefore, based on the cross-gradient nature of the former facility and the topographic relationship, the previous vicinity activities are not suspected to have negatively impacted the environmental integrity of the subject property.

American Broach and Machine is depicted in the 1925, 1931, 1948 and 1972 Sanborn Maps in the eastern vicinity of the subject property. The facility is located topographically and hydrologically cross-gradient from the subject property. The facility was redeveloped into a YMCA circa 2005. In addition, American Broach is not identified in the EDR Report as a state or federally-regulated release site. In addition, according to Google Earth measurements, the former vicinity structure was located approximately 0.04 miles from the subject property boundary and outside of the area of concern for potential petroleum contamination from a cross-gradient source. Therefore, based on the redeveloped nature, cross-gradient nature of the former facility and the topographic relationship, the previous vicinity activities are not suspected to have negatively impacted the environmental integrity of the subject property.

A copy of the Certified Sanborn Map Report is included in Appendix D.

### **5.5.3 Other Historical Sources**

No additional historical sources were reasonably ascertainable.

### **5.6 Tier 1 Vapor Encroachment Screening**

D3G performed a Tier 1 Vapor Encroachment Screen (VES) in compliance with ASTM E 2600-15 "ASTM Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions" as amended. The purpose of the Tier 1 VES is to conduct an initial screen to determine if a Vapor Encroachment Condition (VEC) exists in connection with the subject property. A VEC is defined as the presence or likely presence of chemical(s) of concern (COC) vapors in the subsurface (vadose zone) of the subject property caused by the release of vapors from contaminated soil and/or groundwater either on or near the subject property, as identified by Tier I and/or Tier II procedures.

The VES process is a two (2)-tiered screening process. The Tier 1 VES is based upon information typically collected during an ASTM Standard E 1527 Phase I ESA and is typically focused on known or suspected contaminated properties that may exist within the area of concern (AOC). D3G reviewed standard environmental record sources including, but not limited to, local, state, tribal and/or federal (LSTF) government records, as reported in the regulatory database report; chemical use and historical records of prior uses on the subject property and within proximity of the subject property; soil characteristics; geological characteristics; contaminant characteristics and plume migration data (if this data is readily available); significant conduits that that might provide preferential pathways for vapor migration; and groundwater depth and groundwater flow data to identify known or suspected sources of contamination within the AOC.

According to ASTM E 2600-15, the AOC is defined by the approximate minimum search distance which is based upon the chemical of concern (i.e. petroleum hydrocarbons vs. non-petroleum hydrocarbons) and the location of a known or suspected source of contamination with respect to the subject property. The Tier 1 screening includes: (1) a search distance test to determine whether there are any known or suspect contaminated properties within the AOC; and (2) COC Test to determine for those known or suspect contaminated properties within the AOC whether COCs are likely to be present in order to evaluate the likelihood that a VEC exists at the subject property. If information related to the boundaries of a contaminant plume from known contaminated properties is available, a critical distance test may be conducted. The critical distance is defined as the lineal distance between the nearest edge of the contaminant plume and the nearest subject property boundary. The critical distance is equal to one hundred (100) feet for COC or thirty (30) feet for dissolved petroleum



hydrocarbon COCs. The critical distance for petroleum hydrocarbon COCs as light non-aqueous phase liquid (LNAPL), such as gasoline product(s), is one hundred (100) feet. If groundwater flow direction can be estimated, the AOC in the down-gradient direction may be reduced to the area within the critical distance during the Tier 1 screening. Additionally, the cross-gradient direction may be reduced to the critical distance plus one half of a reasonable estimation of the contaminated plume width or three hundred sixty-five (365) feet. It is not necessary to obtain information regarding the contaminant plume dimensions for down-gradient and cross-gradient contaminated properties, as the critical distance is measured from the nearest subject property boundary directly to the source on the off-site down-gradient property that is the origin of the contamination (with the contamination migrating away from the subject property).

For a contaminated property located up-gradient of the subject property, the critical distance determination requires knowledge of the length and depth of the groundwater contaminant plume. Such information is required to determine the lineal distance from the groundwater contaminant plume edge to the nearest existing or planned structure on the subject property, or the nearest subject property boundary if there are no existing or planned structures on the subject property. Data related to contaminant plume characteristics and dimensions associated with off-site contaminated properties is not typically available during the Tier 1 screening process and is typically obtained during the Tier 2 screening process. If it is not possible to conservatively estimate contaminant plume dimensions, then the AOC cannot be reduced in up-gradient directions during the Tier 1 screening process. Data regarding site-specific soil characteristics may also be used to adjust the AOC. Low permeability cohesive soils, such as soils high in clay and/or silt percentage content, generally tends to restrict soil gas movement, as may soil with high moisture content. Conversely, high porosity in soil tends to enhance soil gas movement. If known, this data may be utilized as a basis to either expand or reduce the AOC by the environmental professional.

The conclusions from the Tier 1 screening is: (1) a VEC exists or (2) a VEC does not exist. If a VEC does not exist, then the VES process is considered complete in accordance with the guidelines set forth under ASTM Standard E 2600-15. If a VEC exists at the subject property, the environmental professional should determine if the VEC represents a Recognized Environmental Condition (REC). If the VEC represents a REC, then further action or investigation may be recommended, including but not limited to a Tier 2 (invasive and/or non-invasive) screening and/or mitigation. If a VEC exists as determined by the Tier 1 screening process, then a more refined Tier 2 VES (non-invasive) may be completed in order to further evaluate the VEC. Tier 2 (non-invasive) focuses on characteristics of the contaminant plume associated with contaminated properties and the proximity of said contaminant plume to the subject property. This data is not typically available during the Tier 1 screening process and is typically obtained from state regulatory files and may also be obtained from other available documents and/or may be collected via sampling. Tier 2 (invasive) applies numeric screening criteria to existing or newly collected soil, soil gas, and/or groundwater testing results to further evaluate and/or validate the potential VEC.

### **5.6.1 Subject Property VEC Evaluation**

Based on a review of the EDR Report, the subject property is not identified in the State Records Search or in the Federal Records Search. In addition, according to a review of subject property historical use information that is reasonably ascertainable, there are no known or suspect potentially contaminated sources having chemicals of concern (petroleum hydrocarbons or non-petroleum hydrocarbons) associated with the subject property. Therefore, a Vapor Encroachment Condition (VEC) does not exist at the subject property.



## 5.6.2 Contaminated Properties within the Area of Concern

**The following is a discussion of properties that are within the area of concern:**

A gasoline filling station with two (2) gasoline tanks is depicted in the 1931, 1948 and 1972 Sanborn Maps in the eastern vicinity of the subject property. The facility is located topographically and hydrologically cross-gradient from the subject property. The facility is currently an Enterprise Rent-a-Car. In addition, the facility is not identified in the EDR Report as a state or federally-regulated facility. In addition, according to Google Earth measurements, the former vicinity structure was located approximately 0.04 miles from the subject property boundary and outside of the area of concern for potential petroleum contamination from a cross-gradient source. Therefore, based on the cross-gradient nature of the former facility and the topographic relationship, the previous vicinity activities are not suspected to have negatively impacted the environmental integrity of the subject property. Therefore, a Vapor Encroachment Condition (VEC) does not exist at the subject property from this off-site source.

American Broach and Machine is depicted in the 1925, 1931, 1948 and 1972 Sanborn Maps in the eastern vicinity of the subject property. The facility is located topographically and hydrologically cross-gradient from the subject property. The facility was redeveloped into a YMCA circa 2005. In addition, American Broach is not identified in the EDR Report as a state or federally-regulated release site. In addition, according to Google Earth measurements, the former vicinity structure was located approximately 0.04 miles from the subject property boundary and outside of the area of concern for potential petroleum contamination from a cross-gradient source. Therefore, based on the redeveloped nature, cross-gradient nature of the former facility and the topographic relationship, the previous vicinity activities are not suspected to have negatively impacted the environmental integrity of the subject property. Therefore, a Vapor Encroachment Condition (VEC) does not exist at the subject property from this off-site source.



## **6.0 SITE RECONNAISSANCE**

### **6.1 Methodology and Limiting Conditions**

D3G's site inspection consisted of visual observations along boundaries and various transects throughout the subject property. On the interior, common areas such as lobbies, hallways, utility rooms, recreation areas, maintenance and repair areas, and a representative sample of occupant spaces were observed. The adjacent properties were observed from the subject property and the boundaries of the subject property and public right-of-ways.

### **6.2 General Site Setting**

The subject property consists of one (1) eight-story and one (1) two-story age-restricted apartment structure constructed in 1963 and 1950, respectively. The subject property structures contain a total of 136 residential dwelling units and are situated on approximately 1.539 acres of land. The subject property contains a gross building area of approximately 77,424 square feet. Located within the apartment structures are laundry facilities, a gym, a library, common areas, a conference room, dining areas, a facility kitchen and maintenance/mechanical areas. Exterior property improvements include carports, a community garden, landscaped regions and asphalt parking areas. The subject property is serviced by electricity, natural gas, and municipally supplied water and sewer. The Sponsor is submitting this project under the HUD MAP 223(f) Program, consisting of a purchase of the existing apartment complex with no significant ground disturbing activities.

### **6.3 Exterior Observations**

#### **6.3.1 Hazardous Materials and Petroleum Products**

No bulk storage of hazardous materials or petroleum products were identified at the subject property.

#### **6.3.2 Polychlorinated Biphenyls (PCBs)**

Located at an exterior location of the property is one (1) pad-mounted electrical transformer, which is owned and maintained by DTE Energy. The on-site electrical transformer was not affixed with a "Non-PCB" sticker and is therefore assumed to contain regulated levels of PCBs. However, leakage was not visually observed on or around the transformer and in its current physical condition it is not believed to present environmental concerns to the subject property.

#### **6.3.3 Subject Property Dumped Materials/Landfills**

No dumped debris was observed on-site during the subject property inspection.

#### **6.3.4 Solid Waste Disposal**

Located in designated areas of the property are various solid waste dumpsters. No staining and/or visual signs of spillage were observed in the vicinity of the dumpsters during the subject property visit.

The subject property structures utilize trash cans. No staining and/or visual signs of spillage were observed in the vicinity of the trash cans during the subject property visit.



### **6.3.5 Spills/Stained Soils/Stained Pavement/Stressed Vegetation**

Spills, stained soil and/or pavement, and stressed vegetation were not observed on-site during the subject property inspection.

### **6.3.6 Storage Tanks Not Previously Listed**

No additional storage tanks were observed on-site or adjacent to the subject property during the subject property inspection.

### **6.3.7 Wells Not Previously Listed**

Wells were not observed on-site during the subject property inspection.

### **6.3.8 Hazardous Runoff**

Hazardous runoff was not observed on-site during the subject property inspection.

### **6.3.9 Pits, Ponds, or Lagoons**

Pits, ponds, and lagoons were not observed on-site during the subject property inspection.

### **6.3.10 Odors**

Evidence of adverse or suspicious odors was not detected during the subject property inspection.

## **6.4 Interior Observations**

### **6.4.1 Hazardous Materials and Petroleum Products**

No bulk storage of hazardous materials or petroleum products was identified at the subject property. However, paints and cleaning products are stored in the maintenance areas. None of the stored materials were observed to be leaking or to have had signs of major spillage. No floor drains or other potential receptors for the release of hazardous materials were observed within the areas of material storage. The on-site chemicals are commercially available, stored in limited quantities, and are not believed to present an environmental concern to the subject property.

### **6.4.2 Polychlorinated Biphenyls (PCBs)**

Two (2) hoist elevators are located at the subject property. Significant leakage was observed on the concrete surface surrounding the elevator equipment and in a bucket within the elevator equipment room. Based on the observed conditions, the on-site hoist elevator oil leakage is considered an environmental condition for which further action is recommended. Recommendations are listed in Section 11.0 of this report.

### **6.4.3 Storage Tanks Not Previously Listed**

No additional storage tanks were observed on-site during the subject property inspection.



#### **6.4.4 Odors**

Evidence of adverse or suspicious odors was not detected during the subject property inspection.

#### **6.4.5 Drains and/or Sumps**

Drains and/or sumps were not observed during the subject property inspection.

#### **6.4.6 Pools of Liquid**

Pools of liquid were not observed during the subject property inspection.



## **7.0 INTERVIEWS**

### **7.1 Prospective Landowner/User Questionnaire**

A Property Questionnaire was completed by Ms. Jennifer Hall, Executive Director at Ann Arbor Housing Commission and the Prospective Landowner/User, and returned to D3G. Ms. Hall indicated the subject property is being purchased and that a title search has been performed. The title documentation is discussed further in Section 4.2. A copy of the completed Property Questionnaire and title documentation is included in Appendix F.

### **7.2 Current Landowner Questionnaire**

A Property Questionnaire was completed by Ms. Mary Jean Raab, Board President and the Current Landowner Representative, and returned to D3G. Ms. Raab indicated the subject property was a vacant field prior to the construction of the Lurie Terrace apartment building, it's specifically used for affordable housing for older adults and it was purchased in 1959. Ms. Raab has been associated with the subject property for over twenty five (25) years. A copy of the completed Property Questionnaire is included in Appendix F.

### **7.3 Previous Landowner Questionnaire**

The current landowner has owned the property for more than two (2) years; therefore, a previous landowner questionnaire is not required.

### **7.4 Key Site Manager Questionnaire**

A Property Questionnaire was completed by Ms. Mary Jean Raab, the Key Site Manager, and returned to D3G. Ms. Raab indicated the subject property was a vacant field prior to the construction of the Lurie Terrace apartment building and it's specifically used for affordable housing for older adults. Ms. Raab has been associated with the subject property for over twenty five (25) years. A copy of the completed Property Questionnaire is included in Appendix F.

### **7.5 Occupant Questionnaire**

The subject property is currently utilized for residential purposes; therefore, an Occupant Questionnaire is not necessary for this investigation pursuant to ASTM E 1527 13 Section 10.5.2.1.

### **7.6 Local Agencies Contacted**

D3G contacted the City of Ann Arbor Fire Department on February 15, 2020 for a review of their environmental records (i.e. USTs, hazardous materials storage, and spills) for the subject property. According to a response from Ms. Jacqueline Beaudry, City Clerk, no responsive records are available. A copy of the correspondence is located in Appendix F of this report.

D3G contacted the Washtenaw County Environmental Health and Inspections Permit Department on February 15, 2020 for a review of their environmental records including regional environmental health issues, on-site wells and/or septic system records for the subject property. According to a search of the Washtenaw County OnBase program, no well or septic records are available for the subject property. A copy of the correspondence is located in Appendix F of this report.



## 7.7 Additional Persons Interviewed

INTERVIEWED PERSON	POSITION/ RELATION TO PROPERTY	INTERVIEW DATE	CONTENT OF DISCUSSION
Peter Dietrich	Property Manager	March 10, 2020	Provided tour of facility, discussed operations and maintenance
Will Sanders	Maintenance Tech	March 10, 2020	Removed/replaced electrical panels



## **8.0 INVESTIGATION FOR NON-SCOPE CONSIDERATIONS**

### **8.1 Asbestos-Containing Materials**

The facility was constructed in 1950 and 1963, during a time of asbestos-containing building material usage. Mr. Joseph Laney, a State of Michigan licensed Asbestos Inspector (license #A45331) with Environmental Health & Safety Consultants, LLC, conducted a limited asbestos survey at the subject property on June 15-16, 2020 on behalf of D3G. The survey was conducted in accordance with practices described within the ASTM Standard Practice for Comprehensive Asbestos Building Surveys Designation: E 2356-18 (ASTM E 2356-18) for Baseline Surveys. However, since the inspection was prompted by the fact that the facility is involved in a real estate transaction and is not currently planned for renovation or demolition, the inspection was limited to accessible areas of the facility and is not considered to be in full compliance with pre-renovation standards (40 CFR 61 Subpart M). However, all suspect ACMs were identified during the course of the inspection. Sampled materials included drywall/joint compound/tape, ceiling texture materials, ceiling tiles, and wall plaster. An asbestos-containing material is defined as containing greater than 1% asbestos. Identified and presumed ACMs include textured ceiling materials (only 600 West Huron Street), joint compound, vinyl flooring and covebase materials and associated mastics, carpet mastics, ceramic tile and grout, cinder block and mortar, brick and mortar, caulking/firestop materials, and roofing materials. The joint compound and textured ceiling materials are considered to be non-friable (not able to be crushed via hand pressure) materials in their current intact conditions and are not considered to present a current concern to residents or maintenance staff. The remaining presumed ACMs are considered to be non-friable materials and were observed to be in good physical condition at the time of the site inspection.

The Limited Asbestos Survey Report, which details all sampled materials, is included in Appendix J.

Recommendations are included in Section 11.0.

### **8.2 Lead-Based Paint**

The facility was constructed in 1950 and 1963, prior to the 1978 ban on lead-based paint (LBP). Mr. Joseph Laney, a State of Michigan licensed Lead-Based Paint Risk Assessor (license #P-08630) with Environmental Health & Safety Consultants, LLC, conducted a lead-based paint inspection at the eight-story apartment building built in 1963 and addressed 600 West Huron Street on June 15-17, 2020 on behalf of D3G. Select units were tested in accordance with the United States Housing and Urban Development (HUD) protocols, as outlined in the Chapter 7, Lead-Based Paint Inspection 2012 Revisions. In accordance with HUD Underwriting Protocols and Table 7.3, twenty-six (26) units at the 132-unit apartment building were sampled as well as common and exterior areas. The lead paint inspection was completed utilizing an X-ray fluorescence (XRF) lead paint analyzer, which quickly, accurately, and non-destructively measures the concentration of lead-based paint on surfaces. Sampled surfaces consisted of walls, doors and associated framework, windows and associated framework, ceilings, baseboards, stairwell components, miscellaneous components and exterior components. The XRF readings were compared to the EPA, State of Michigan and United States Department of Housing and Urban Development lead in paint standard of 1.0 mg/cm<sup>2</sup>. The results of this inspection indicate that LBP was identified on the exterior wood patio underhang. This component was noted to be in an intact condition at the time of the inspection.

In addition, Mr. Laney performed a lead-based paint inspection and risk assessment of the four-unit, two-story apartment building built in 1950 and addressed 3 Parkview Place on June 15, 2020. The inspection was performed pursuant to HUD Chapter 7 and 5 guidelines, 2012 revisions. In accordance with HUD Table 7.3, all four (4) units were inspected for lead-based paint and evaluated for lead hazards in addition to representative common and exterior areas. Sampled



surfaces consisted of walls, doors and associated framework, windows and associated framework, stairwell components, ceilings, baseboards, miscellaneous components and exterior components. The XRF readings were compared to the State of Michigan, EPA and United States Department of Housing and Urban Development (HUD) lead in paint standard of 1.0 mg/cm<sup>2</sup>. LBP was identified on the exterior wood door trim and wood support beam. These components were noted to be in an intact condition at the time of the inspection; however, the exterior rear wood door jamb was identified as a hazard due to it being a friction/impact surface.

In order to assess lead dust hazards at the 3 Parkview Place building, a total of 31 dust wipe samples were collected in the accessed units and common areas. Dust wipe samples were collected from floors and window sills in areas chosen by the risk assessor, where paint was impacted, in accordance with the sampling procedures outlined in the HUD Guidelines Risk Assessment Protocol. The EPA, HUD and the State of Michigan identify risk assessment criteria for lead dust wipe samples at 10 micrograms per square foot (µg/ft<sup>2</sup>) on floors and 100 µg/ft<sup>2</sup> on window sills. Lead dust wipe results that exceed these levels are considered lead dust hazards. None of the dust wipe samples were determined to be above federal hazard levels for lead in dust except for the bathroom floor in Unit 3, which was identified to contain a lead dust level of 14.27 µg/ft<sup>2</sup>.

No bare soil was observed at 3 Parkview Place; therefore, no lead in soil samples were collected.

The Lead-Based Paint Inspection Report for the 600 West Huron Street building is included in Appendix K and the Lead-Based Paint Inspection and Risk Assessment Report for the 3 Parkview Place building is included in Appendix L.

Recommendations are included in Section 11.0.

### **8.3 Radon Gas**

The subject property is located in an EPA Radon Zone 1, designated as an area of high radon gas potential with an average indoor radon level above 4 picocuries per liter (pCi/L) of air. Mr. Phil Grosse, an AARST/NRPP certified radon technician (certification #107327RT) with RDS Environmental, conducted short-term radon gas testing at the subject property on behalf of D3G. Radon gas sampling was conducted in representative apartment units/areas at the subject property from June 23-25, 2020. In accordance with HUD guidelines, testing was conducted in accordance with AARST MAMF-2017, Protocol for Conducting Radon and Radon Decay Product Measurements in Multifamily Buildings (AARST MAMF-2017) in 100% of the ground floor units in each building. In addition, at least 10% of the units on each of the upper level floors in each building were tested as well as ground floor common areas. At least one (1) charcoal testing device was placed in each of the tested units for an undisturbed testing period of 48 to 72 hours. QA/QC samples (field blanks and duplicates) were also submitted in accordance with AARST guidelines. The tenants were requested to maintain closed-building conditions for twelve (12) hours prior to and during the testing. Closed building conditions appeared to have been maintained.

At the end of the recorded sampling period, the testing devices were collected and logged onto chain of custody forms and then submitted to an AARST/NRPP certified radon analytical laboratory, Air Chek, Inc. (certification #101138). Testing devices were analyzed via the EPA Method #402-R-92-004. Achieved results were compared to the EPA radon action limit of 4.0 picocuries per liter of air. The results ranged from < 0.3 pCi/L to 2.4 pCi/L. Therefore, no further action is required at this time regarding radon gas.

A copy of the Radon Gas Inspection Report, which details all sampling results, and the resident notification letter is included in Appendix M.



## 9.0 FINDINGS

This Phase I ESA was prepared in accordance with ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation: E 1527-13, 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries: Final Rule, U.S. Housing and Urban Development (HUD) Multifamily Accelerated Processing Guide, as amended, and accepted Phase I ESA industry standards. This assessment has revealed the following findings, consisting of RECs, CRECs, HRECs, and environmental concerns, based on the subject property inspection, interviews, and review of available records:

EVALUATED CONDITIONS	ON-SITE	ADJACENT
STANDARD ENVIRONMENTAL RECORDS REVIEW	NO	NO
UNREGULATED UNDERGROUND STORAGE TANK(S) (UST)	NO	NO
PAST INDUSTRIAL/DETRIMENTAL OPERATIONS	NO	NO
VAPOR ENCROACHMENT CONDITION	NO	NO
STORED HAZARDOUS MATERIALS	NO	NA
POLYCHLORINATED BIPHENYLS (PCBS)	NO	NA
ABOVEGROUND STORAGE TANK(S) (AST)	NO	NO
DUMPING, LANDFILLS	NO	NO
HAZARDOUS RUN-OFF	NO	NO
ASBESTOS-CONTAINING MATERIALS	YES	NA
LEAD-BASED PAINT	YES	NA
RADON GAS	NO	NA
OTHER: LEAKING ELEVATOR EQUIPMENT	YES	NA

NA = Not Applicable



## 10.0 OPINION

### **Recognized Environmental Conditions (RECs)**

As defined in ASTM E 1527 13, RECs are the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. **Based on the findings of this Phase I ESA, no RECs were identified.**

### **Controlled Recognized Environmental Conditions (CRECs)**

As defined in ASTM E 1527 13, CRECs are RECs resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). **Based on the findings of this Phase I ESA, no CRECs were identified.**

### **Historical Recognized Environmental Conditions (HRECs)**

As defined in ASTM E 1527 13, HRECs involve a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. **Based on the findings of this Phase I ESA, no HRECs were identified.**

### **Environmental Concerns**

D3G defines "environmental concerns" as de minimis conditions and non-scope considerations for which further action is recommended. As defined in ASTM E 1527 13, de minimis conditions generally do not present a threat to human health or the environment and generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Non-scope considerations include assessed environmental issues or conditions beyond the scope of ASTM E 1527 13 as stated in Section 2.2 and/or discussed below. **Based on the findings of this Phase I ESA, except for the following:**

#### **Asbestos-Containing Materials (ACMs)**

The facility was constructed in 1950 and 1963, during a time of asbestos-containing building material usage. Mr. Joseph Laney, a State of Michigan licensed Asbestos Inspector (license #A45331) with Environmental Health & Safety Consultants, LLC, conducted a limited asbestos survey at the subject property on June 15-16, 2020 on behalf of D3G. The survey was conducted in accordance with practices described within the ASTM Standard Practice for Comprehensive Asbestos Building Surveys Designation: E 2356-18 (ASTM E 2356-18) for Baseline Surveys. However, since the inspection was prompted by the fact that the facility is involved in a real estate transaction and is not currently planned for renovation or demolition, the inspection was limited to accessible areas of the facility and is not considered to be in full compliance with pre-renovation standards (40 CFR 61 Subpart M). However, all suspect ACMs were identified during the course of the inspection. Sampled materials included drywall/joint compound/tape, ceiling texture materials, ceiling tiles, and wall plaster. An asbestos-containing material is defined as containing greater than 1% asbestos. Identified and presumed ACMs include textured ceiling materials (only 600 West Huron Street), joint compound, vinyl flooring and covebase materials and associated mastics, carpet mastics, ceramic tile and grout, cinder block and mortar, brick and mortar, caulking/firestop materials, and roofing materials. The joint compound and textured ceiling materials are considered to be non-friable (not able to be crushed via hand pressure) materials in their current intact conditions and are not considered to present a current concern to residents or maintenance staff. The remaining presumed ACMs



are considered to be non-friable materials and were observed to be in good physical condition at the time of the site inspection.

#### Lead-Based Paint (LBP)

The facility was constructed in 1950 and 1963, prior to the 1978 ban on lead-based paint (LBP). Mr. Joseph Laney, a State of Michigan licensed Lead-Based Paint Risk Assessor (license #P-08630) with Environmental Health & Safety Consultants, LLC, conducted a lead-based paint inspection at the eight-story apartment building built in 1963 and addressed 600 West Huron Street on June 15-17, 2020 on behalf of D3G. Select units were tested in accordance with the United States Housing and Urban Development (HUD) protocols, as outlined in the Chapter 7, Lead-Based Paint Inspection 2012 Revisions. In accordance with HUD Underwriting Protocols and Table 7.3, twenty-six (26) units at the 132-unit apartment building were sampled as well as common and exterior areas. The lead paint inspection was completed utilizing an X-ray fluorescence (XRF) lead paint analyzer, which quickly, accurately, and non-destructively measures the concentration of lead-based paint on surfaces. Sampled surfaces consisted of walls, doors and associated framework, windows and associated framework, ceilings, baseboards, stairwell components, miscellaneous components and exterior components. The XRF readings were compared to the EPA, State of Michigan and United States Department of Housing and Urban Development lead in paint standard of 1.0 mg/cm<sup>2</sup>. The results of this inspection indicate that LBP was identified on the exterior wood patio underhang. This component was noted to be in an intact condition at the time of the inspection.

In addition, Mr. Laney performed a lead-based paint inspection and risk assessment of the four-unit, two-story apartment building built in 1950 and addressed 3 Parkview Place on June 15, 2020. The inspection was performed pursuant to HUD Chapter 7 and 5 guidelines, 2012 revisions. In accordance with HUD Table 7.3, all four (4) units were inspected for lead-based paint and evaluated for lead hazards in addition to representative common and exterior areas. Sampled surfaces consisted of walls, doors and associated framework, windows and associated framework, stairwell components, ceilings, baseboards, miscellaneous components and exterior components. The XRF readings were compared to the State of Michigan, EPA and United States Department of Housing and Urban Development (HUD) lead in paint standard of 1.0 mg/cm<sup>2</sup>. LBP was identified on the exterior wood door trim and wood support beam. These components were noted to be in an intact condition at the time of the inspection; however, the exterior rear wood door jamb was identified as a hazard due to it being a friction/impact surface.

In order to assess lead dust hazards at the 3 Parkview Place building, a total of 31 dust wipe samples were collected in the accessed units and common areas. Dust wipe samples were collected from floors and window sills in areas chosen by the risk assessor, where paint was impacted, in accordance with the sampling procedures outlined in the HUD Guidelines Risk Assessment Protocol. The EPA, HUD and the State of Michigan identify risk assessment criteria for lead dust wipe samples at 10 micrograms per square foot (µg/ft<sup>2</sup>) on floors and 100 µg/ft<sup>2</sup> on window sills. Lead dust wipe results that exceed these levels are considered lead dust hazards. None of the dust wipe samples were determined to be above federal hazard levels for lead in dust except for the bathroom floor in Unit 3, which was identified to contain a lead dust level of 14.27 µg/ft<sup>2</sup>.

No bare soil was observed at 3 Parkview Place; therefore, no lead in soil samples were collected.



### Leaking Elevator Equipment

Two (2) hoist elevators are located at the subject property. Significant leakage was observed on the concrete surface surrounding the elevator equipment and in a bucket within the elevator equipment room. Based on the observed conditions, the on-site hoist elevator oil leakage is considered an environmental condition for which further action is recommended.



## 11.0 CONCLUSIONS

Dominion Due Diligence Group performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Practice E 1527-13 of the Lurie Terrace Apartments located at 600 West Huron Street and 3 Parkview Place in Ann Arbor, Washtenaw County, Michigan (subject property). Any exceptions to, or deletions from, this practice are described in Section 2.4 of this report. This assessment has revealed no evidence of recognized environmental conditions (RECs) or controlled recognized environmental conditions (CRECs) in connection with the subject property.

**D3G has performed a Phase I ESA at the subject property. Based on the identified environmental concerns discussed in Section 10.0, D3G recommends the following:**

### Asbestos-Containing Materials (ACMs)

D3G recommends that the identified and presumed asbestos-containing materials be managed under a site-specific Operations and Maintenance (O&M) Program. In addition, compliance with 40 CFR 61 Subpart M is recommended prior to any renovation or demolition activities at the subject property.

### Lead-Based Paint (LBP)

D3G recommends utilizing interim controls to address the identified paint-lead hazards and dust hazards at the 3 Parkview Place building utilizing lead-safe work practices followed by dust-lead clearance testing to demonstrate effective cleanup. The exterior wood door jamb should be enclosed with rigid weather stripping or the paint chemically removed. All renovation and maintenance workers who may impact LBP are required to have a one-day EPA renovator class when working in residential facilities constructed prior to 1978 that contain LBP and any impacts to LBP must be conducted in accordance with applicable EPA and state regulations. LBP at both buildings should be managed under a site-specific Operations and Maintenance (O&M) Program. A Lead Risk Assessment re-evaluation should be conducted of the 3 Parkview Place building by a licensed risk assessor within two (2) years.

### Leaking Elevator Equipment

D3G recommends that the leaking hoist elevator equipment be repaired to proper working order and that the spilled oil is disposed of in accordance with applicable regulations.



## **12.0 DEVIATIONS**

There are no deviations from the ASTM standard Phase I ESA except for those outlined in Section 2.4 of this report.

## **13.0 ADDITIONAL SERVICES**

No additional services were contracted between the User and D3G.



## 14.0 REFERENCE MATERIALS

- Washtenaw County Assessor
- Web Soil Survey accessed at <http://websoilsurvey.nrcs.usda.gov/app/>
- USGS Topographic Quadrangle — Ann Arbor West, Michigan 2019
- Environmental Data Resources Inc. (EDR) Report, dated February 18, 2020
- Delorme Street Atlas USA 2015
- Google Earth and EDR — aerial photographs
- EDR Certified Sanborn Map Report
- EPA Radon Map
- Commitment for Title Insurance prepared by First American Title Insurance Company on February 25, 2020



## 15.0 SIGNATURE OF ENVIRONMENTAL PERSONNEL

Data presented in this report is factual to the best of our knowledge. Available sources of data were comprehensively researched to provide a complete Phase I ESA of the subject property. The Phase I ESA was prepared in accordance with ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (Designation E 1527-13), 40 CFR Part 312 Standards and Practices for All Appropriate Inquiry: Final Rule, and portions of the U.S. Department of HUD MAP Guide protocols, as amended. In addition, it should be noted that the HUD Environmental Review Record Related Federal Laws and Authorities Worksheets are included under separate cover.

D3G understands that this Phase I ESA will be used by the User to document to the U.S. Department of HUD that the MAP Lender's application for FHA multifamily mortgage insurance was prepared and reviewed in accordance with HUD MAP requirements. D3G certifies that the review was in accordance with the HUD MAP requirements applicable on the date of the review and that D3G has no financial interest or family relationship with the officers, directors, stockholders or partners of the Borrower, the general contractor, any subcontractors, the buyer or seller of the proposed property or engage in any business that might present a conflict of interest.

D3G is employed under contract for this specific assignment and has no other side deals, agreements, or financial considerations with the MAP Lender or others in connection with this transaction.

**Site Assessor**



---

Joshua Padgett, BPI-MFBA  
Site Assessor

**Project Manager**



---

Oliver Bonhotel  
Project Manager

**Environmental Professional**



---

Ross Thomas  
Environmental Professional



## 16.0 QUALIFICATIONS OF ENVIRONMENTAL PROFESSIONALS

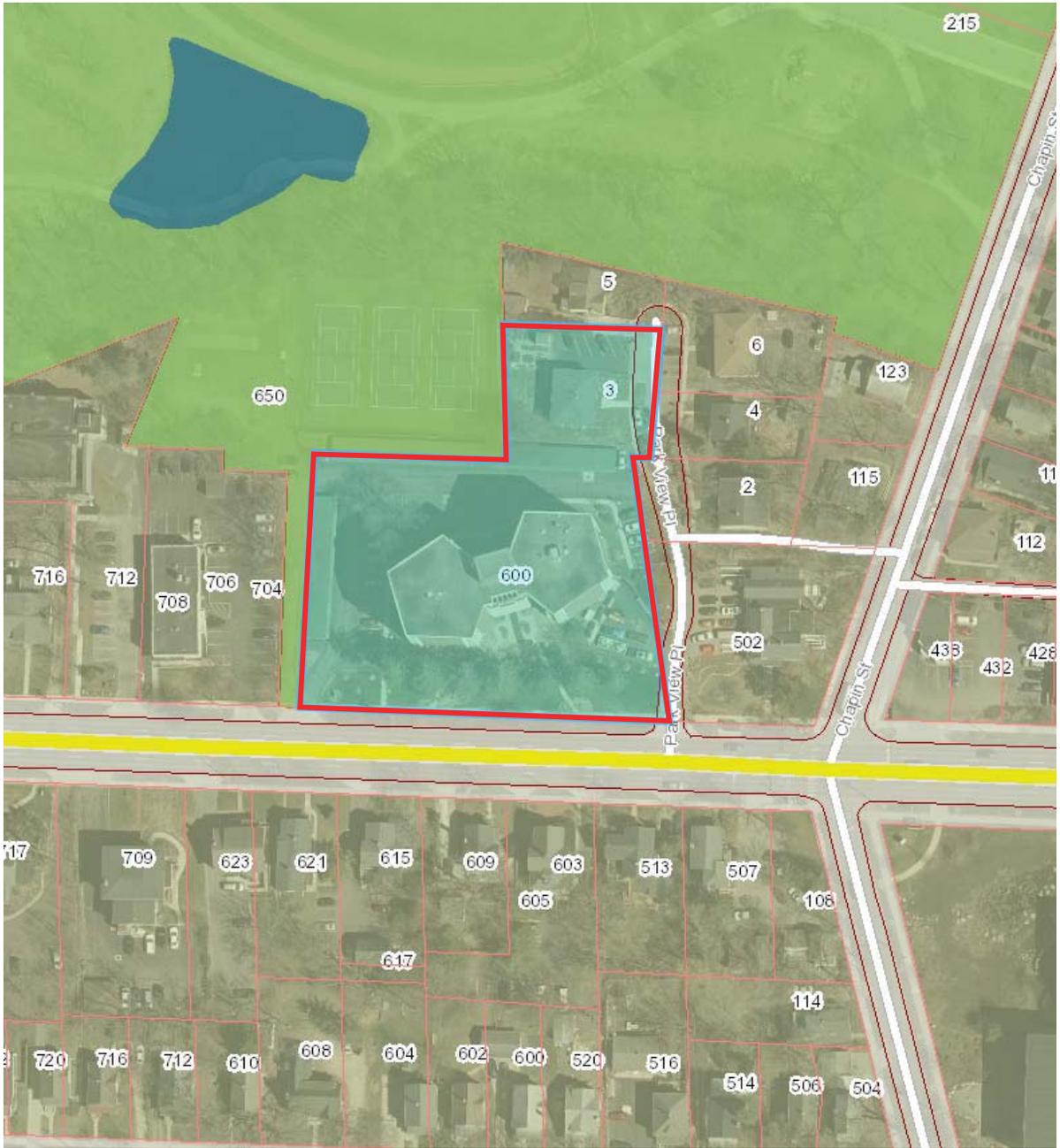
I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

**Ross Thomas** qualifies as an **Environmental Professional** as defined in 40 CFR Part 312.10(b). Mr. Thomas has numerous years of extensive training and experience with regards to environmental issues. He received an undergraduate B.S. degree in Environmental Science from Virginia Polytechnic Institute and State University and has inspected, managed and designed numerous environmental projects throughout the United States. Mr. Thomas also has extensive knowledge of the ASTM E 1527-13 Phase I Environmental Site Assessment regulations as well as the EPA 40 CFR Part 312 Standards and Practices for All Appropriate Inquiries regulations. Mr. Thomas qualifies as an Environmental Professional as defined under ASTM E 1527-13 Section 4.3 and Appendix X2 with over five (5) years of experience performing investigations of surface and subsurface environmental conditions. Mr. Thomas's duties as a Project Manager for Dominion Due Diligence Group include coordinating, conducting and writing Phase I Environmental Site Assessments (HUD, Freddie Mac, Fannie Mae, VHDA, and ASTM E 1527-13) throughout the United States as well as coordinating and conducting lead-based paint and asbestos-containing material investigation/remediation projects. Mr. Thomas has additionally performed numerous HUD noise assessments throughout the United States.



**Appendix A:**  
**Site (Vicinity) Maps**



Tuesday, February 18, 2020 6:40:36 AM - Window

**Appendix A**  
Tax Map



Lurie Terrace Apartments  
600 West Huron Street and 3 Parkview Place  
Ann Arbor, Michigan

Parcel #: 09-09-29-215-060

**DOMINION  
DUE DILIGENCE  
GROUP**

**600 W HURON ST** Ann Arbor, MI 48103 (Property Address)

Parcel Number: 09-09-29-215-060



Item 1 of 3 1 Image / 2 Sketches

**Property Owner: LURIE TERRACE**

**Summary Information**

- > Commercial/Industrial Building Summary > Assessed Value: \$6,339,500 | Taxable Value: \$2,579,238
- Yr Built: 1963 - # of Buildings: 2
- Total Sq.Ft: 77,424

**Owner and Taxpayer Information**

<b>Owner</b>	LURIE TERRACE MICH BUDGET & ACCOUNTING DIV 430 W ALLEGAN ST Lansing, MI 48922	<b>Taxpayer</b>	SEE OWNER INFORMATION
--------------	---	-----------------	-----------------------

**General Information for Tax Year 2019**

<b>Property Class</b>	201 Commercial	<b>Unit</b>	09 City of Ann Arbor
<b>School District</b>	No Data to Display	<b>Assessed Value</b>	\$6,339,500
<b>Map #</b>	No Data to Display	<b>Taxable Value</b>	\$2,579,238
<b>User Num Idx</b>	4	<b>State Equalized Value</b>	\$6,339,500
<b>User Alpha 1</b>	No Data to Display	<b>Date of Last Name Change</b>	06/06/2007
<b>User Alpha 3</b>	No Data to Display	<b>Notes</b>	Not Available
<b>Historical District</b>	Yes	<b>Census Block Group</b>	No Data to Display
<b>User Alpha 2</b>	513.8	<b>Exemption</b>	No Data to Display

**Principal Residence Exemption Information**

**Homestead Date** No Data to Display

Principal Residence Exemption	June 1st	Final
2020	100.0000 %	-
2019	100.0000 %	100.0000 %

**Previous Year Information**

Year	MBOR Assessed	Final SEV	Final Taxable
2018	\$5,747,000	\$5,747,000	\$2,579,238

**Land Information**

<b>Zoning Code</b>	R4D	<b>Total Acres</b>	1.539
<b>Land Value</b>	\$434,000	<b>Land Improvements</b>	\$39,884
<b>Renaissance Zone</b>	No	<b>Renaissance Zone Expiration Date</b>	No Data to Display
<b>ECF Neighborhood</b>	237 Westside Apartments	<b>Mortgage Code</b>	No Data to Display
<b>Lot Dimensions/Comments</b>	No Data to Display	<b>Neighborhood Enterprise Zone</b>	No

Lot(s)	Frontage	Depth
No lots found.		
<b>Total Frontage: 0.00 ft</b>		<b>Average Depth: 0.00 ft</b>

**Legal Description**

PRT OF NW 1/4 SEC 29 T2S R6E COM WL CHAPIN ST & NL HURON ST TH NWLY 112.22 FT FOR POB TH CONT NWLY 287.68 FT TH NWLY 198.04 FT TH SELY 148.95 FT TH NLY 105.70 FT TH DEF 95 DEG 31 MIN RT 123.98 FT TH ALG CL PARK VIEW PL 99.33 FT TH WLY 14.55 FT TH ALG WL PARK VIEW PL TO POB

**Land Division Act Information**

<b>Date of Last Split/Combine</b>	<i>No Data to Display</i>	<b>Number of Splits Left</b>	<i>Not Available</i>
<b>Date Form Filed</b>	<i>No Data to Display</i>	<b>Unallocated Div.s of Parent</b>	0
<b>Date Created</b>	<i>No Data to Display</i>	<b>Unallocated Div.s Transferred</b>	0
<b>Acreage of Parent</b>	0.00	<b>Rights Were Transferred</b>	No
<b>Split Number</b>	0	<b>Courtesy Split</b>	No
<b>Parent Parcel</b>	<i>No Data to Display</i>		

### Sale History

Sale Date	Sale Price	Instrument	Grantor	Grantee	Terms of Sale	Liber/Page	Comments
No sales history found.							

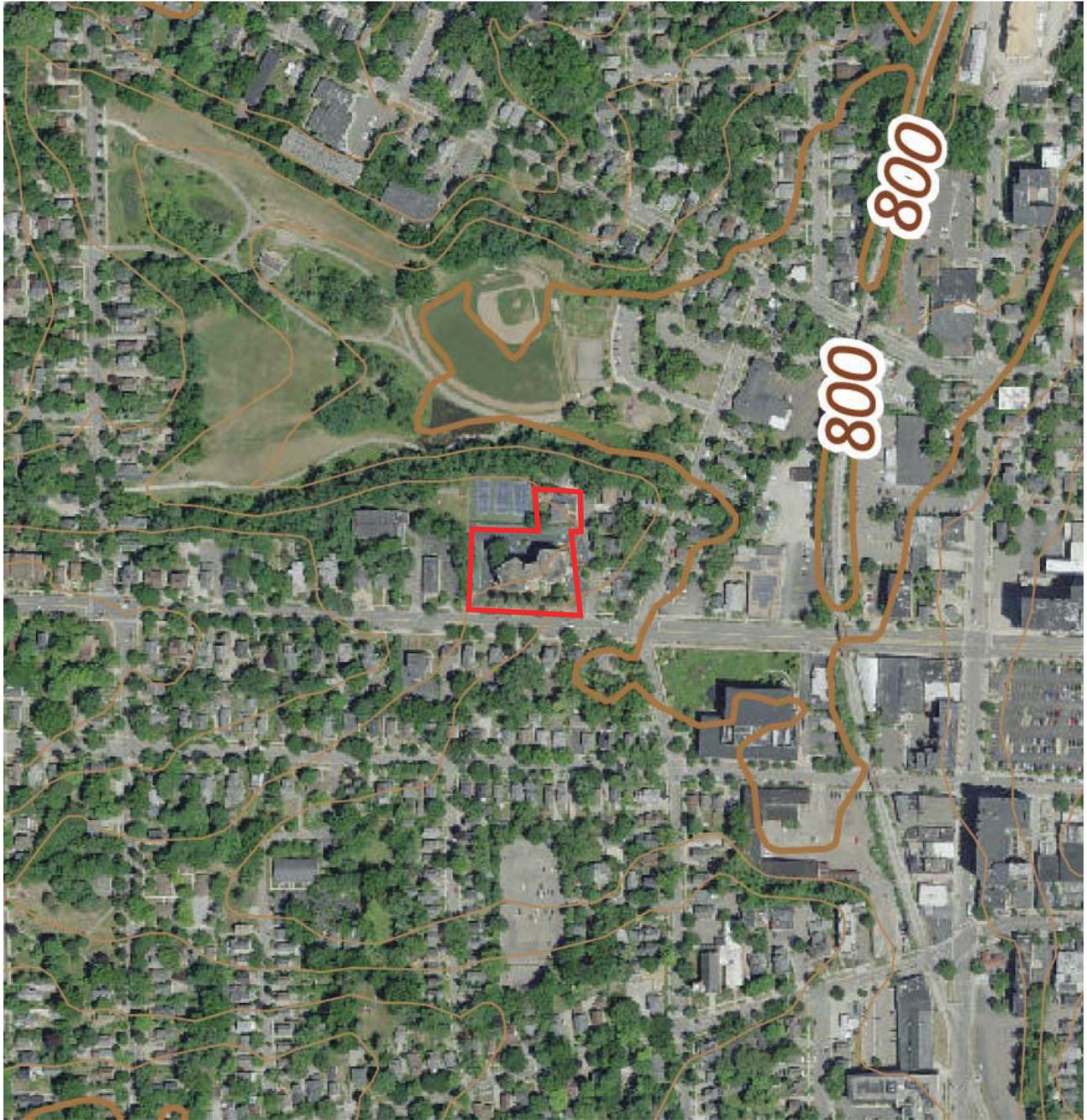
### Building Information - 74864 sq ft Apartment (Commercial)

<b>Floor Area</b>	74,864 sq ft	<b>Estimated TCV</b>	<i>Not Available</i>
<b>Occupancy</b>	Apartment	<b>Class</b>	B
<b>Stories Above Ground</b>	8	<b>Average Story Height</b>	9 ft
<b>Basement Wall Height</b>	9 ft	<b>Identical Units</b>	<i>Not Available</i>
<b>Year Built</b>	1963	<b>Year Remodeled</b>	<i>Not Available</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	Package Heating & Cooling
<b>Physical Percent Good</b>	47%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	90%	<b>Effective Age</b>	33 yrs

### Building Information - 2560 sq ft Multiple Residences (Commercial)

<b>Floor Area</b>	2,560 sq ft	<b>Estimated TCV</b>	<i>Not Available</i>
<b>Occupancy</b>	Multiple Residences	<b>Class</b>	C
<b>Stories Above Ground</b>	2	<b>Average Story Height</b>	10 ft
<b>Basement Wall Height</b>	9 ft	<b>Identical Units</b>	<i>Not Available</i>
<b>Year Built</b>	1999	<b>Year Remodeled</b>	<i>Not Available</i>
<b>Percent Complete</b>	100%	<b>Heat</b>	Package Heating & Cooling
<b>Physical Percent Good</b>	47%	<b>Functional Percent Good</b>	100%
<b>Economic Percent Good</b>	100%	<b>Effective Age</b>	33 yrs

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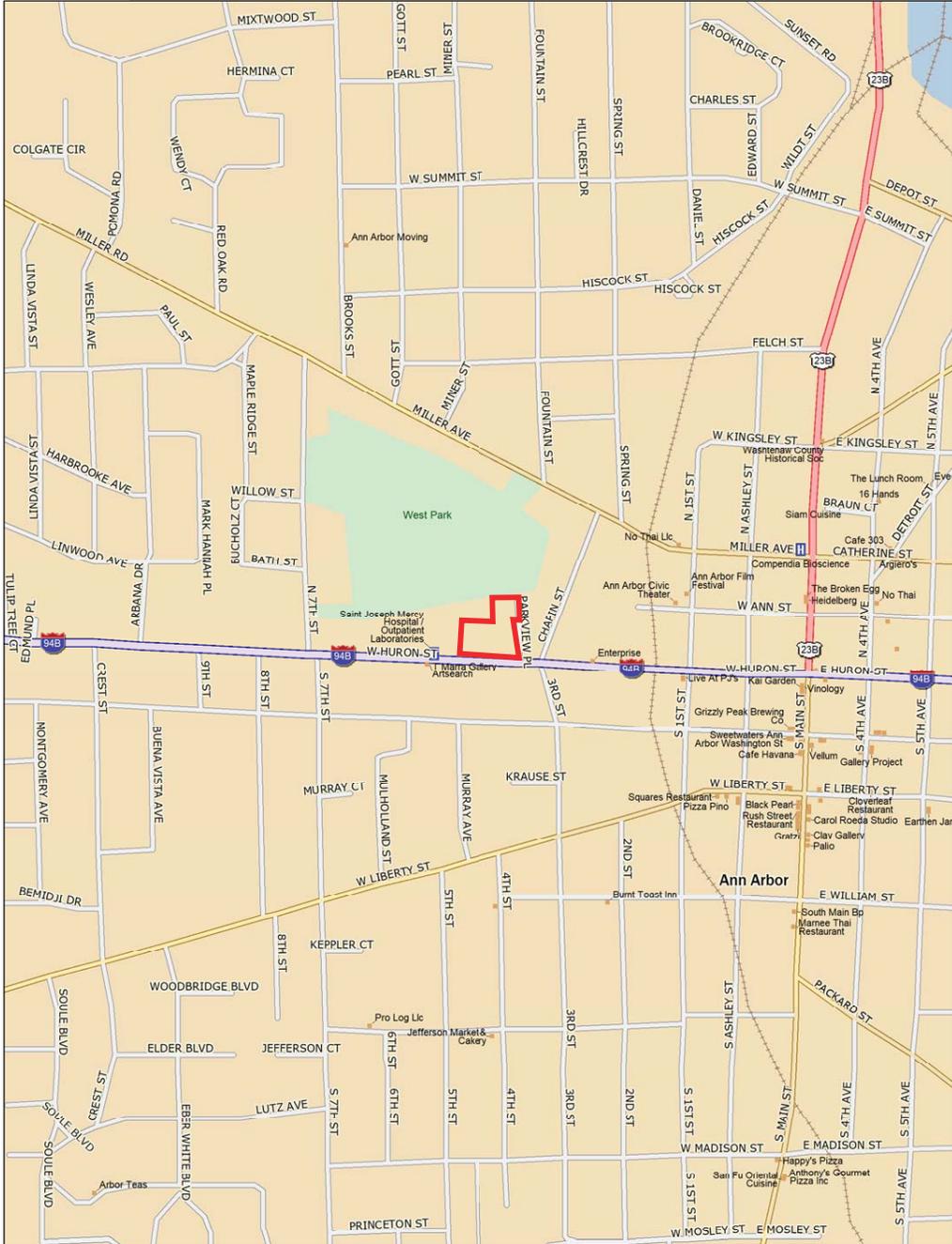
**Appendix A**  
 Site  
 Topographic  
 Map



Lurie Terrace Apartments  
 600 West Huron Street and 3 Parkview Place  
 Ann Arbor, Michigan

*Topographic Quadrangle:  
 Anne Arbor West, Michigan 2019*

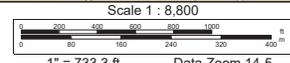
**DOMINION  
 DUE DILIGENCE  
 GROUP**



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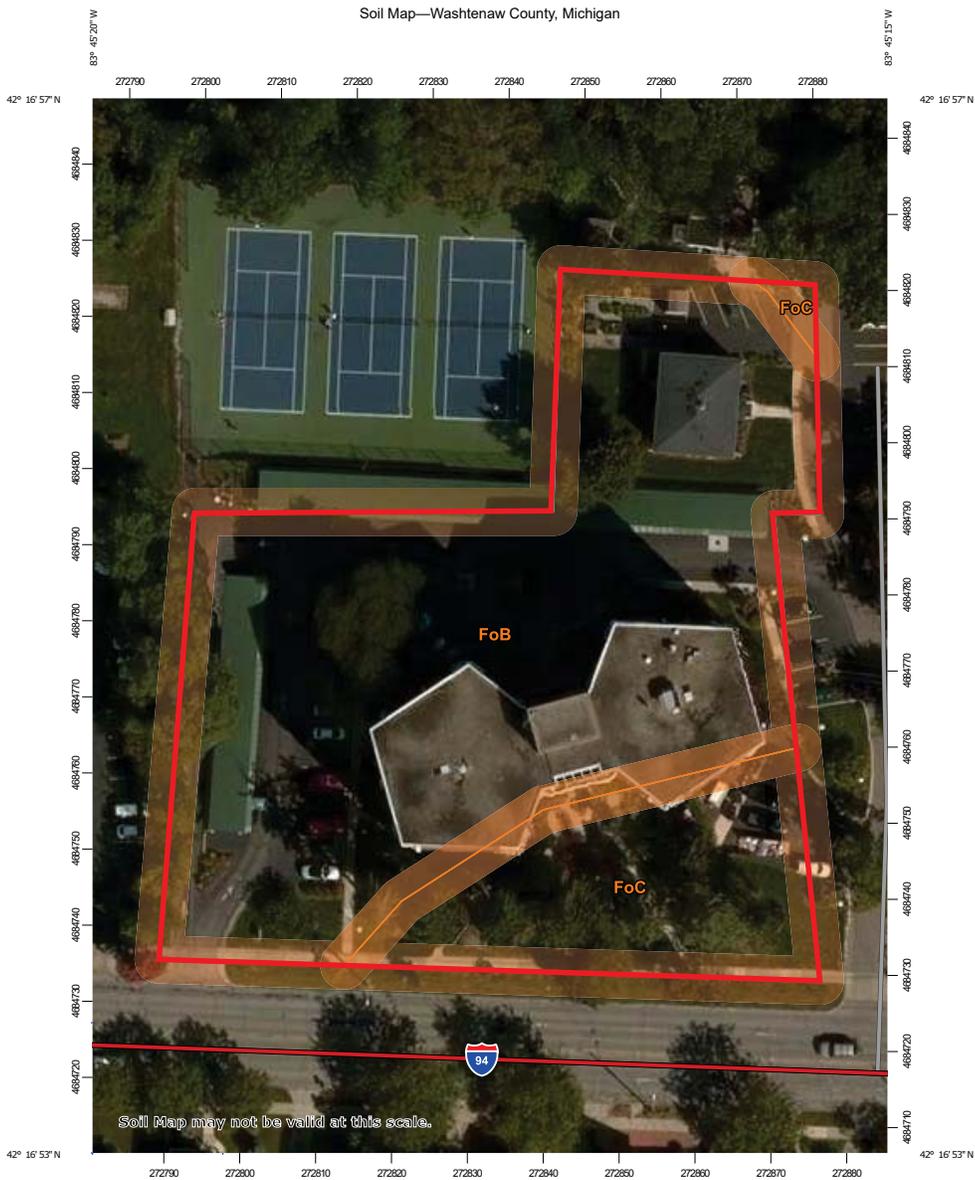
**Appendix A**  
Site Locator  
Map



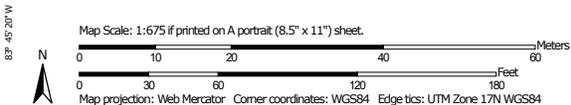
Lurie Terrace Apartments  
600 West Huron Street and 3 Parkview Place  
Ann Arbor, Michigan

**DOMINION  
DUE DILIGENCE  
GROUP**

Soil Map—Washtenaw County, Michigan



Soil Map may not be valid at this scale.



**USDA** Natural Resources Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

3/6/2020  
Page 1 of 3

**Appendix A**  
Site Soils Map



Lurie Terrace Apartments  
600 West Huron Street and 3 Parkview Place  
Ann Arbor, Michigan

<http://websoilsurvey.nrcs.usda.gov/app/>

**DOMINION  
DUE DILIGENCE  
GROUP**

## Map Unit Description (Brief, Generated)

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions in this report, along with the maps, provide information on the composition of map units and properties of their components.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

The Map Unit Description (Brief, Generated) report displays a generated description of the major soils that occur in a map unit. Descriptions of non-soil (miscellaneous areas) and minor map unit components are not included. This description is generated from the underlying soil attribute data.

Additional information about the map units described in this report is available in other Soil Data Mart reports, which give properties of the soils and the limitations, capabilities, and potentials for many uses. Also, the narratives that accompany the Soil Data Mart reports define some of the properties included in the map unit descriptions.

## Report—Map Unit Description (Brief, Generated)

### Washtenaw County, Michigan

**Map Unit:** FoB—Fox sandy loam, till plain, 2 to 6 percent slopes

**Component:** Fox (90%)

The Fox component makes up 90 percent of the map unit. Slopes are 2 to 6 percent. This component is on outwash terraces on river valleys. The parent material consists of loamy glaciofluvial deposits over sandy and gravelly outwash. Depth to a root restrictive layer, strongly contrasting textural stratification, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 2e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 35 percent.

**Component: Matherton (6%)**

Generated brief soil descriptions are created for major soil components. The Matherton soil is a minor component.

**Component: Sebewa (4%)**

Generated brief soil descriptions are created for major soil components. The Sebewa soil is a minor component.

**Map Unit: FoC—Fox sandy loam, Huron Lobe, 6 to 12 percent slopes**

**Component: Fox (90%)**

The Fox component makes up 90 percent of the map unit. Slopes are 6 to 12 percent. This component is on moraines on hills. The parent material consists of loamy till over sandy and gravelly outwash. Depth to a root restrictive layer, strongly contrasting textural stratification, is 20 to 40 inches. The natural drainage class is well drained. Water movement in the most restrictive layer is moderately high. Available water to a depth of 60 inches (or restricted depth) is moderate. Shrink-swell potential is low. This soil is not flooded. It is not ponded. There is no zone of water saturation within a depth of 72 inches. Organic matter content in the surface horizon is about 2 percent. Nonirrigated land capability classification is 3e. This soil does not meet hydric criteria. The calcium carbonate equivalent within 40 inches, typically, does not exceed 35 percent.

**Component: Matherton (6%)**

Generated brief soil descriptions are created for major soil components. The Matherton soil is a minor component.

**Component: Sebewa (4%)**

Generated brief soil descriptions are created for major soil components. The Sebewa soil is a minor component.

**Data Source Information**

Soil Survey Area: Washtenaw County, Michigan  
Survey Area Data: Version 18, Sep 16, 2019

**Appendix B:**  
**Site Plan**



<p><b>Appendix B</b> Site Plan</p>	<p>↑ <b>N</b></p>	<p>Lurie Terrace Apartments 600 West Huron Street and 3 Parkview Place Ann Arbor, Michigan</p>	<p><b>DOMINION DUE DILIGENCE GROUP</b></p>
--	-----------------------	--	--

**Appendix C:**  
**Site Photographs**



1 : View of subject property



2 : View of subject property





3 : View of subject property



4 : View of subject property





5 : View of subject property



6 : View of subject property





7 : View of typical unit living room

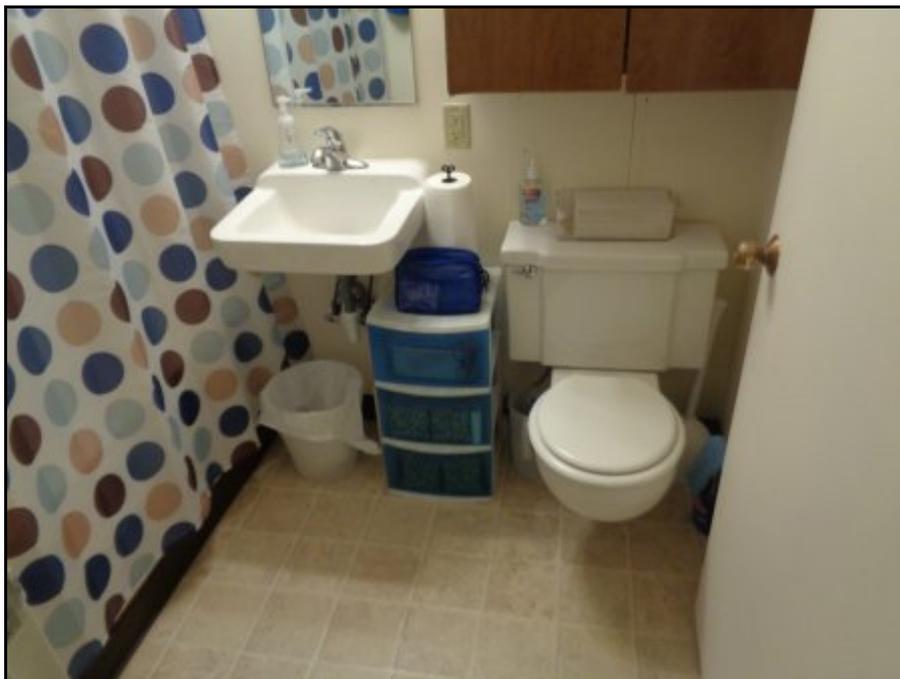


8 : View of typical unit kitchen





9 : View of typical unit bedroom



10 : View of typical unit bathroom





11 : View of common area



12 : View of library





13 : View of gym



14 : View of facility kitchen





15 : View of laundry room



16 : View of storage room





17 : View of trash room and dumpsters



18 : View of maintenance room





19 : View of elevators



20 : View of elevator equipment



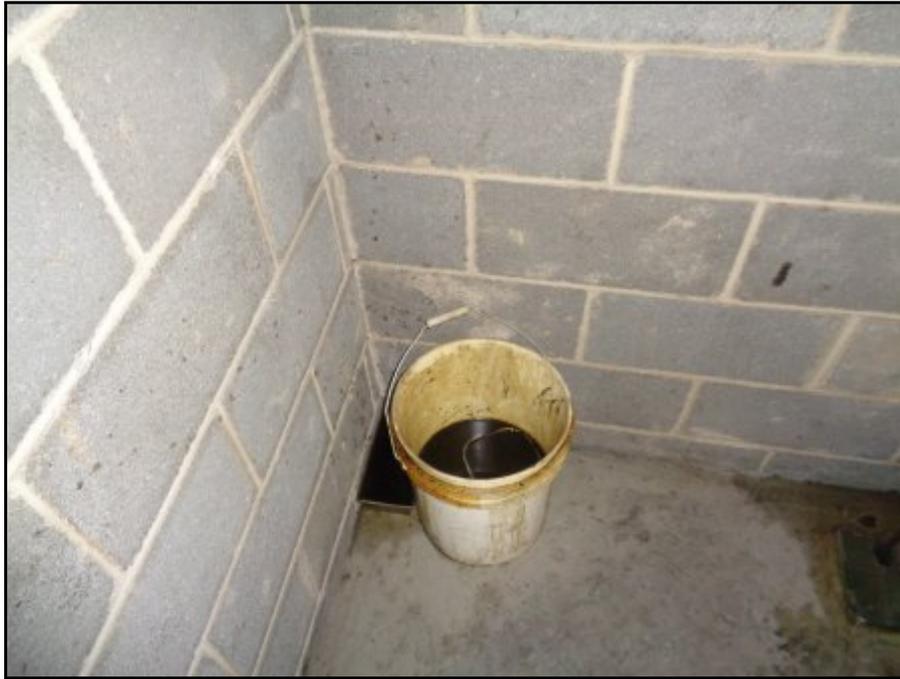


21 : View of elevator equipment leakage and staining



22 : View of elevator equipment leakage and staining





23 : View of elevator equipment leakage



24 : View of boiler room





25 : View of community garden



26 : View of shed





27 : View of natural gas fired emergency generator



28 : View of pad-mounted electrical transformer





29 : View of northern adjacent West Park



30 : View of northern adjacent single-family residential





31 : View of eastern adjacent multi-family residential



32 : View of eastern adjacent Dawn Farm Spera Center





33 : View of southern adjacent single-family residential



34 : View of western adjacent Huron Professional Building





35 : View of southern adjacent single-family residential



## **Appendix D:**

# **Historical Research Documents**

Lurie Terrace Apartments

600 West Huron Street

Ann Arbor, MI 48103

Inquiry Number: 5974913.3

February 18, 2020

## Certified Sanborn® Map Report



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# Certified Sanborn® Map Report

02/18/20

**Site Name:**

Lurie Terrace Apartments  
600 West Huron Street  
Ann Arbor, MI 48103  
EDR Inquiry # 5974913.3

**Client Name:**

Dominion Environmental Group, Inc  
201 Wylderose Drive  
Midlothian, VA 23113  
Contact: Oliver Bonhotel



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Dominion Environmental Group, Inc were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting [www.edrnet.com/sanborn](http://www.edrnet.com/sanborn).

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

**Certified Sanborn Results:**

**Certification #** D9B2-4A47-B600  
**PO #** Team 2  
**Project** 2020-0252

**Maps Provided:**

1972  
1948  
1931  
1925  
1916  
1908  
1899



Sanborn® Library search results

Certification #: D9B2-4A47-B600

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- Library of Congress
- University Publications of America
- EDR Private Collection

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## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1972 Source Sheets



Volume 1, Sheet 13  
1972



Volume 1, Sheet 17  
1972



Volume 1, Sheet 20  
1972



Volume 1, Sheet 19  
1972

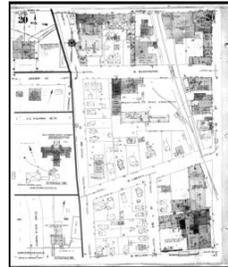
### 1948 Source Sheets



Volume 1, Sheet 19  
1948

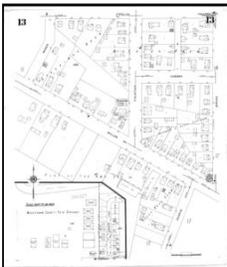


Volume 1, Sheet 13  
1948

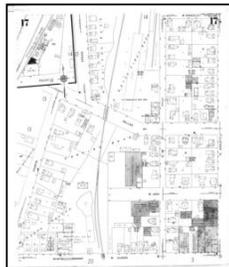


Volume 1, Sheet 20  
1948

### 1931 Source Sheets



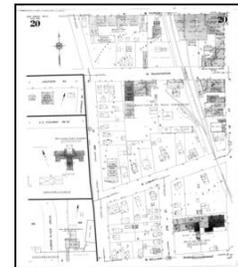
Volume 1, Sheet 13  
1931



Volume 1, Sheet 17  
1931



Volume 1, Sheet 19  
1931



Volume 1, Sheet 20  
1931

### 1925 Source Sheets



Volume 1, Sheet 19  
1925

## Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



### 1916 Source Sheets



Volume 1, Sheet 30  
1916

### 1908 Source Sheets

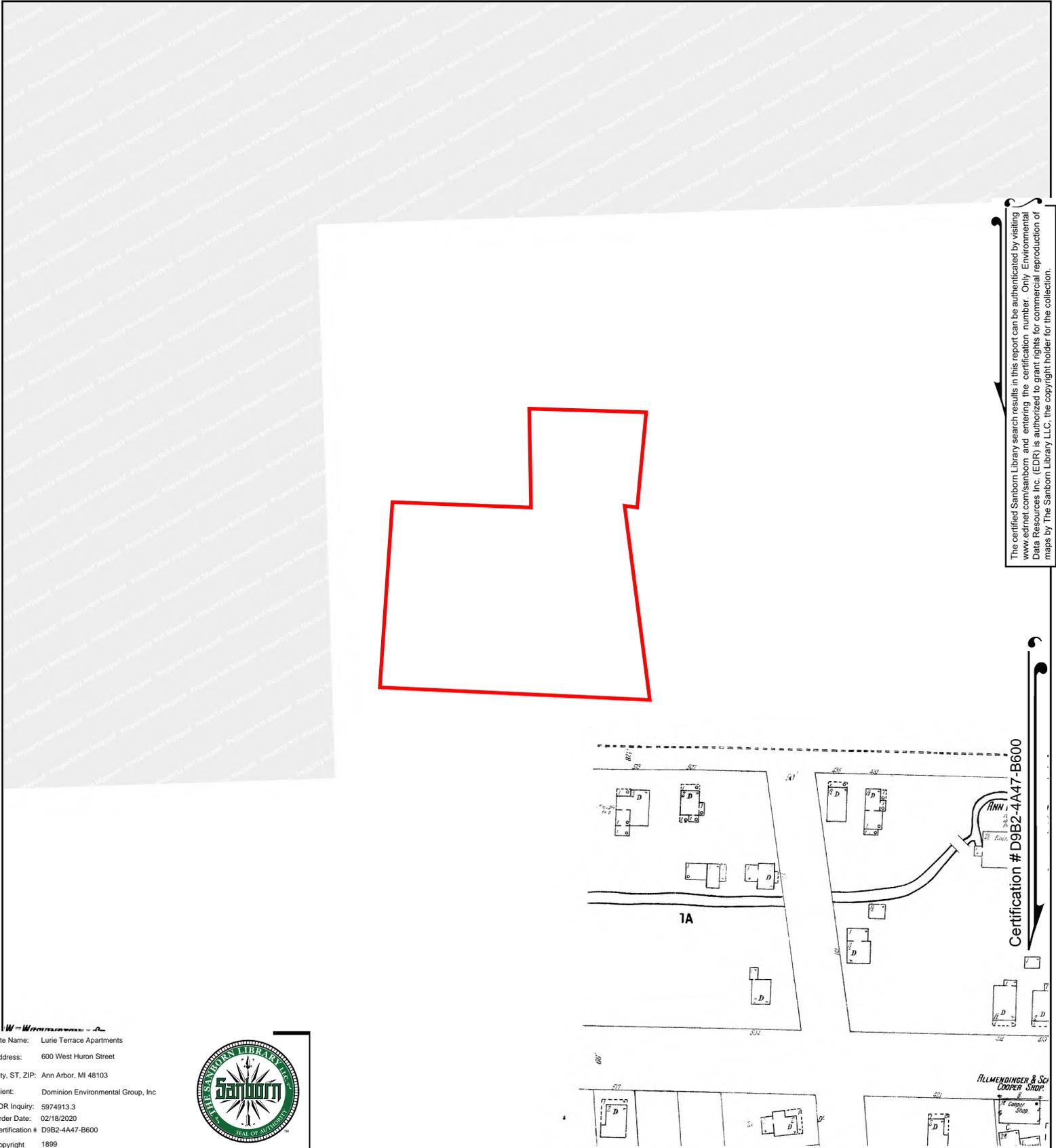


Volume 1, Sheet 6  
1908

### 1899 Source Sheets



Volume 1, Sheet 3  
1899



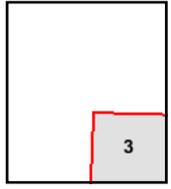
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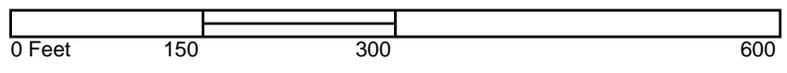
Site Name: Lurie Terrace Apartments  
 Address: 600 West Huron Street  
 City, ST, ZIP: Ann Arbor, MI 48103  
 Client: Dominion Environmental Group, Inc  
 EDR Inquiry: 5974913.3  
 Order Date: 02/18/2020  
 Certification #: D9B2-4A47-B600  
 Copyright: 1899

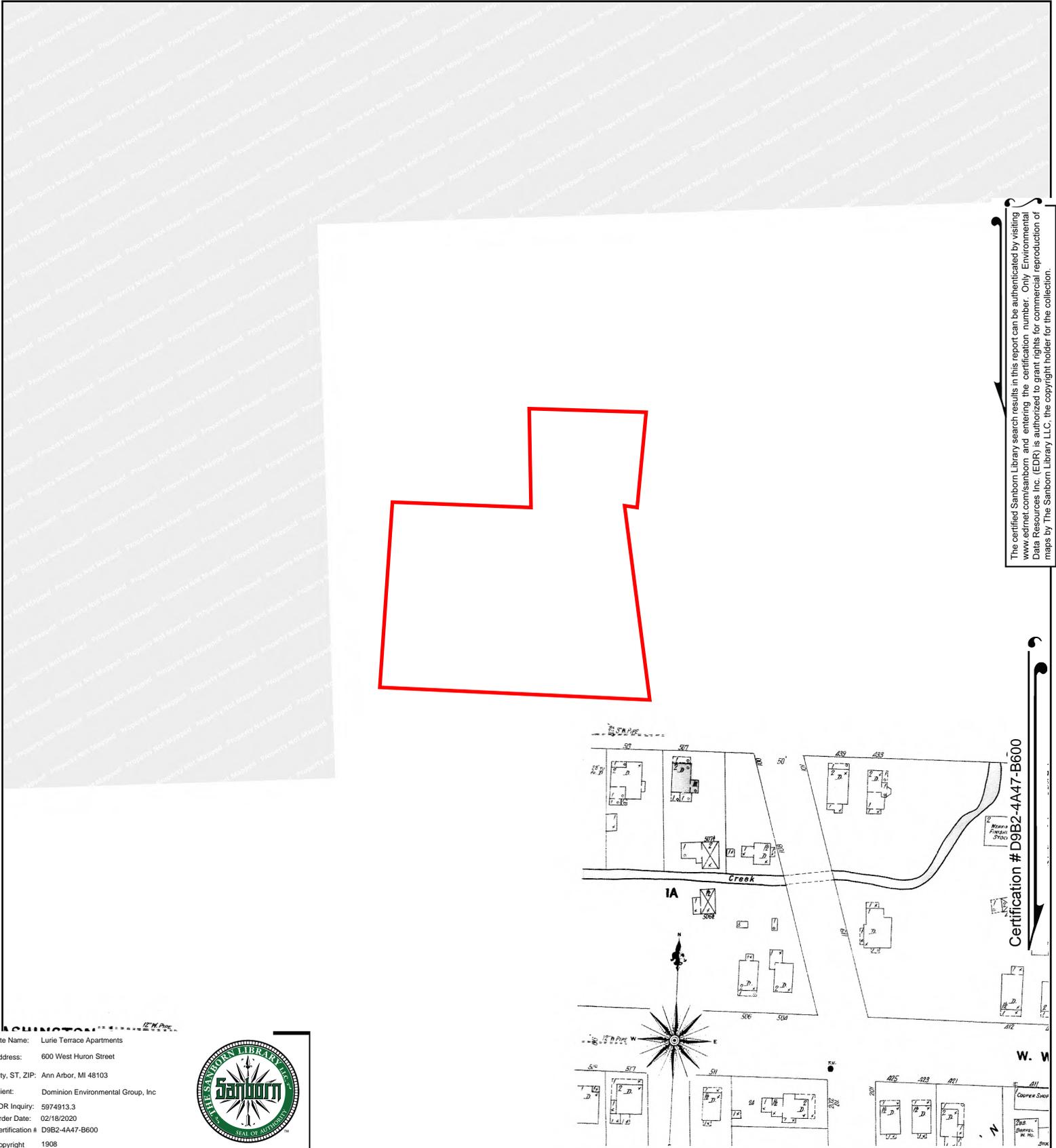


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Volume 1, Sheet 3





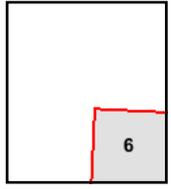
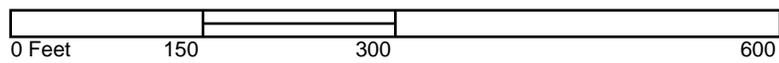
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Certification # D9B2-4A47-B600

Site Name: Lurie Terrace Apartments  
 Address: 600 West Huron Street  
 City, ST, ZIP: Ann Arbor, MI 48103  
 Client: Dominion Environmental Group, Inc  
 EDR Inquiry: 5974913.3  
 Order Date: 02/18/2020  
 Certification # D9B2-4A47-B600  
 Copyright 1908

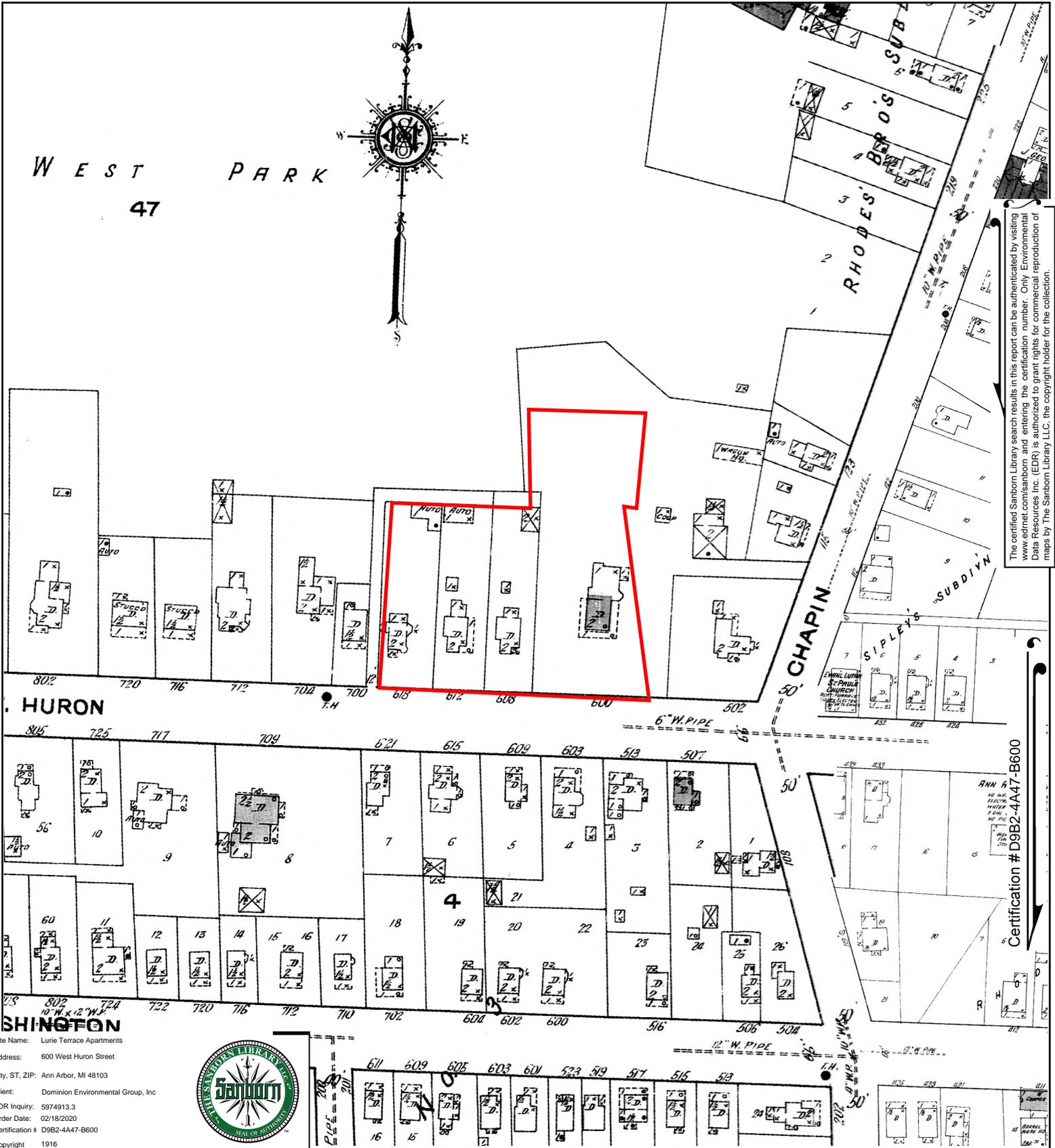


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Volume 1, Sheet 6





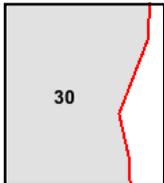
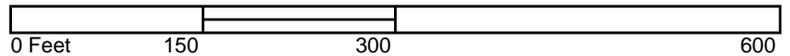
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Certification # D9B2-4A47-B600

Site Name: Lurie Terrace Apartments  
 Address: 600 West Huron Street  
 City, ST, ZIP: Ann Arbor, MI 48103  
 Client: Dominion Environmental Group, Inc  
 EDR Inquiry: 5974913.3  
 Order Date: 02/18/2020  
 Certification # D9B2-4A47-B600  
 Copyright 1916

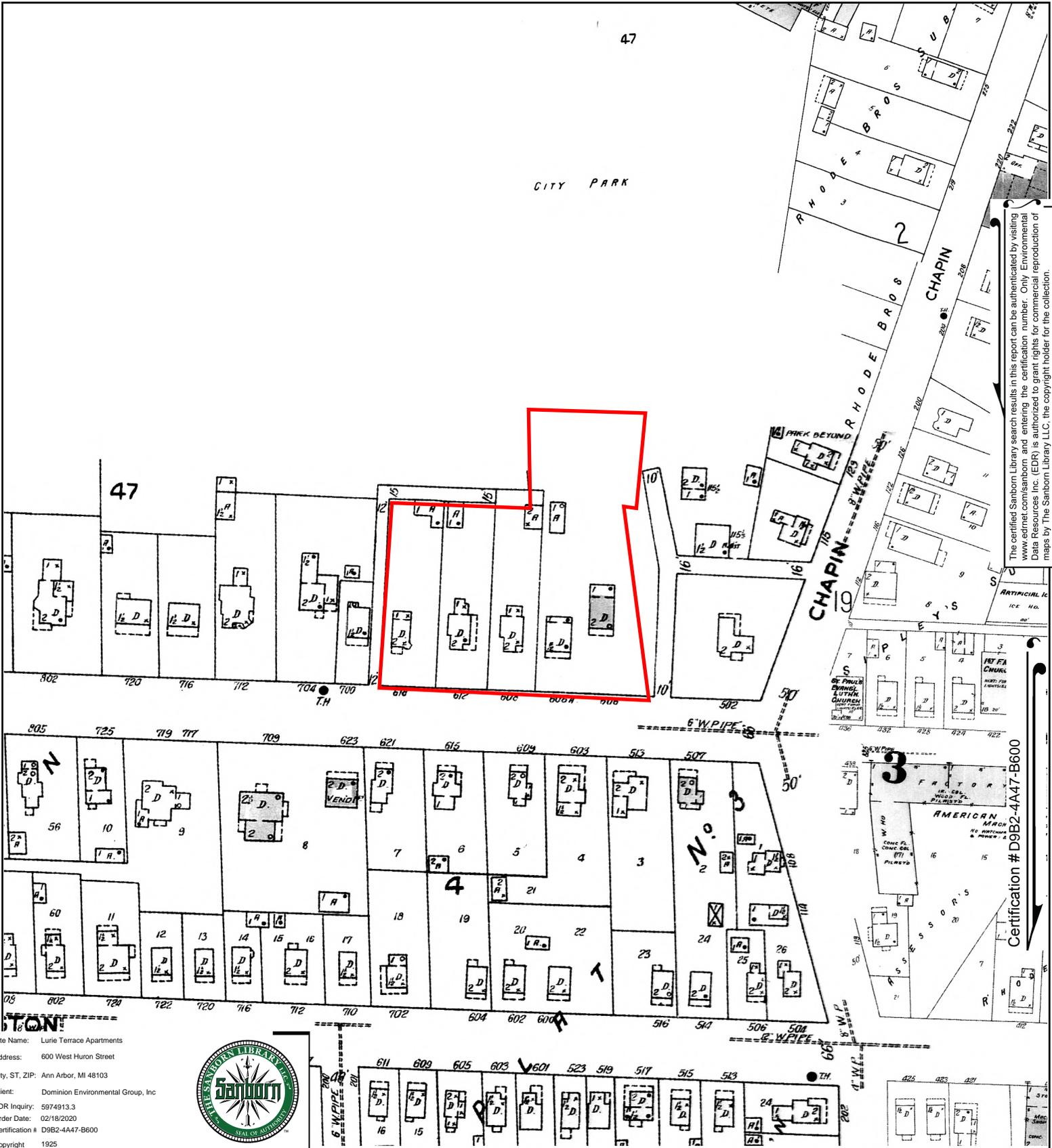


This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 30





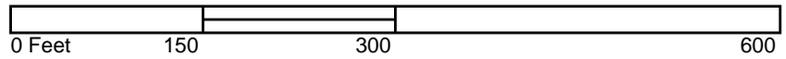
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edr.com/sanborn](http://www.edr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # D9B2-4A47-B600

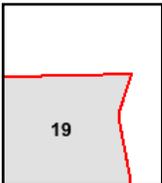
Site Name: Lurie Terrace Apartments  
 Address: 600 West Huron Street  
 City, ST, ZIP: Ann Arbor, MI 48103  
 Client: Dominion Environmental Group, Inc  
 EDR Inquiry: 5974913.3  
 Order Date: 02/18/2020  
 Certification # D9B2-4A47-B600  
 Copyright 1925

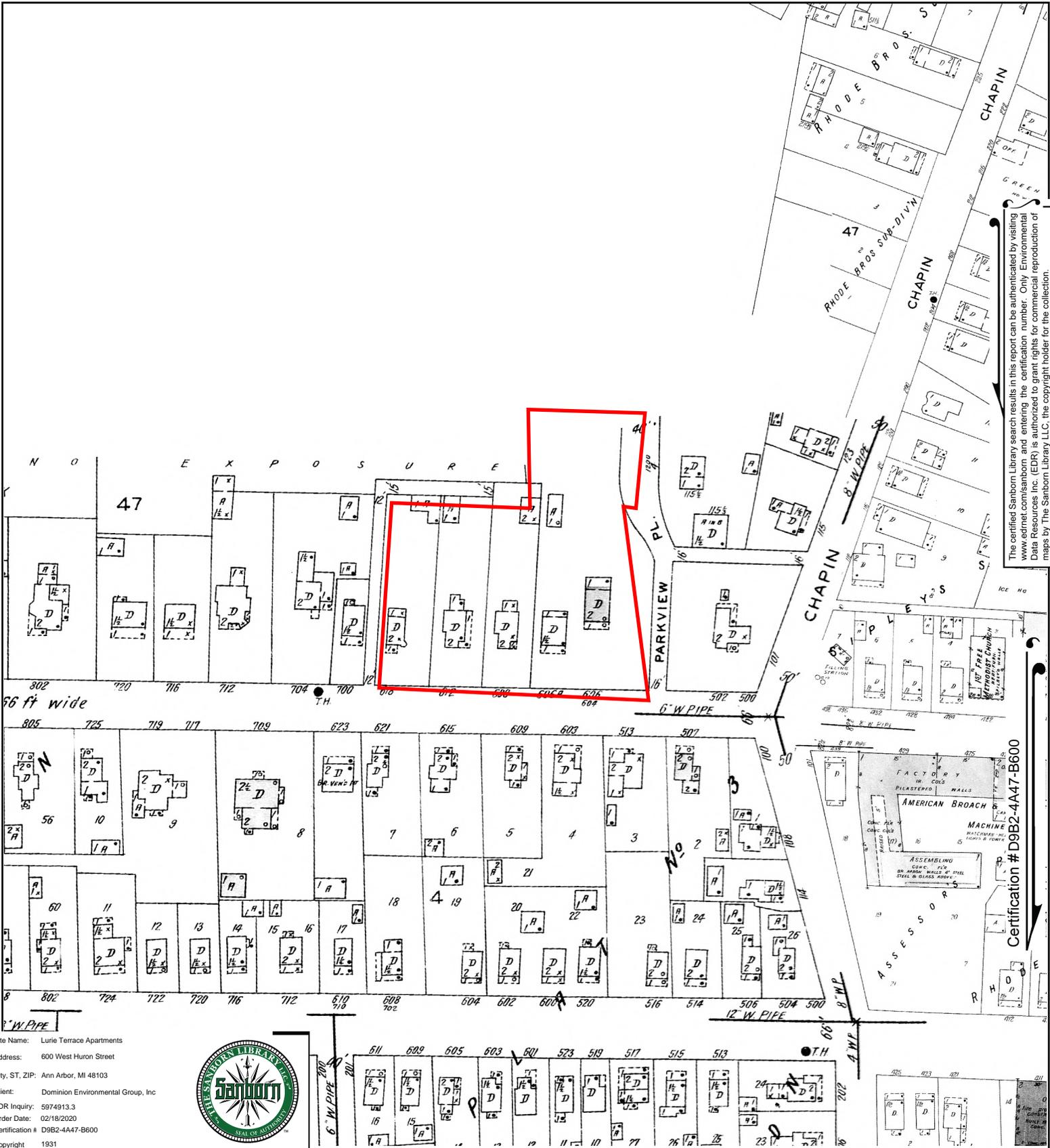


This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 19





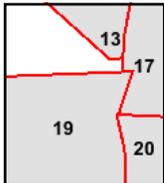
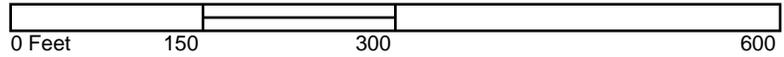
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edr.com/sanborn](http://www.edr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # D9B2-4A47-B600

Site Name: Lurie Terrace Apartments  
 Address: 600 West Huron Street  
 City, ST, ZIP: Ann Arbor, MI 48103  
 Client: Dominion Environmental Group, Inc  
 EDR Inquiry: 5974913.3  
 Order Date: 02/18/2020  
 Certification # D9B2-4A47-B600  
 Copyright 1931

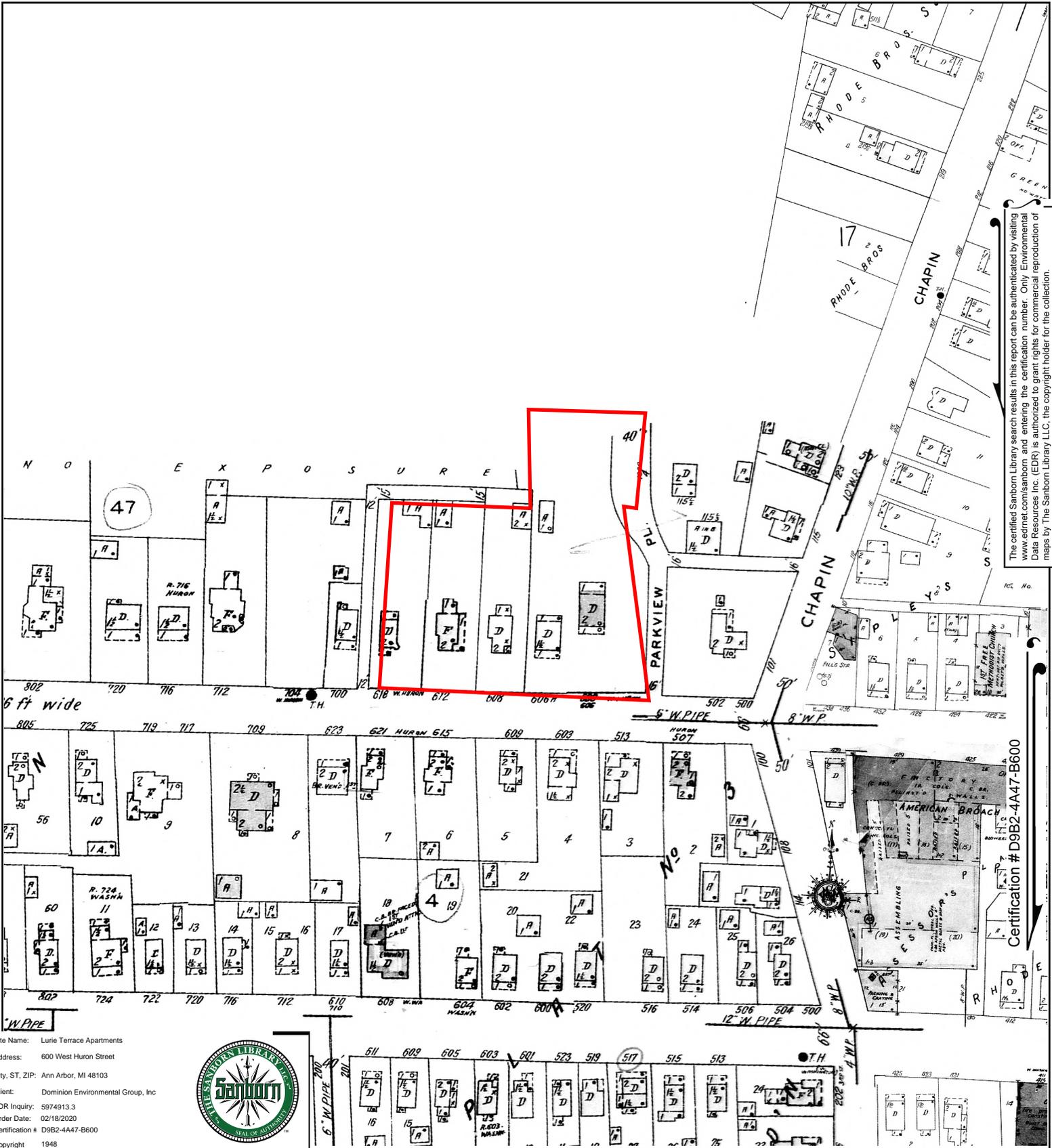


This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



- Volume 1, Sheet 20
- Volume 1, Sheet 19
- Volume 1, Sheet 17
- Volume 1, Sheet 13





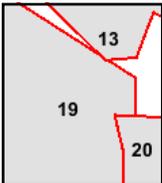
The certified Sanborn Library search results in this report can be authenticated by visiting [www.edr.com/sanborn](http://www.edr.com/sanborn) and entering the certification number. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by The Sanborn Library LLC, the copyright holder for the collection.

Certification # D9B2-4A47-B600

Site Name: Lurie Terrace Apartments  
 Address: 600 West Huron Street  
 City, ST, ZIP: Ann Arbor, MI 48103  
 Client: Dominion Environmental Group, Inc  
 EDR Inquiry: 5974913.3  
 Order Date: 02/18/2020  
 Certification # D9B2-4A47-B600  
 Copyright 1948



This Certified Sanborn Map combines the following sheets.  
 Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 20  
 Volume 1, Sheet 13  
 Volume 1, Sheet 19







## **Lurie Terrace Apartments**

600 West Huron Street

Ann Arbor, MI 48103

Inquiry Number: 5974913.5

February 18, 2020

# The EDR Aerial Photo Decade Package



6 Armstrong Road, 4th floor  
Shelton, CT 06484  
Toll Free: 800.352.0050  
[www.edrnet.com](http://www.edrnet.com)

# EDR Aerial Photo Decade Package

02/18/20

**Site Name:**

Lurie Terrace Apartments  
600 West Huron Street  
Ann Arbor, MI 48103  
EDR Inquiry # 5974913.5

**Client Name:**

Dominion Environmental Group, Inc  
201 Wylderose Drive  
Midlothian, VA 23113  
Contact: Oliver Bonhotel



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

## Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	<u>Source</u>
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1993	1"=500'	Flight Date: April 23, 1993	USDA
1987	1"=500'	Flight Date: June 05, 1987	USDA
1983	1"=500'	Flight Date: May 10, 1983	USDA
1978	1"=500'	Flight Date: June 28, 1978	USDA
1973	1"=500'	Flight Date: December 01, 1973	USGS
1969	1"=500'	Flight Date: March 19, 1969	USDA
1961	1"=500'	Flight Date: May 10, 1961	DTE
1955	1"=500'	Flight Date: September 06, 1955	USDA
1949	1"=500'	Flight Date: April 29, 1949	DTE
1940	1"=500'	Flight Date: October 09, 1940	USDA
1937	1"=500'	Flight Date: July 05, 1937	USDA

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INQUIRY #: 5974913.5

YEAR: 1937

— = 500'





INQUIRY #: 5974913.5

YEAR: 1940

— = 500'





INQUIRY #: 5974913.5

YEAR: 1949

— = 500'





INQUIRY #: 5974913.5

YEAR: 1955

— = 500'

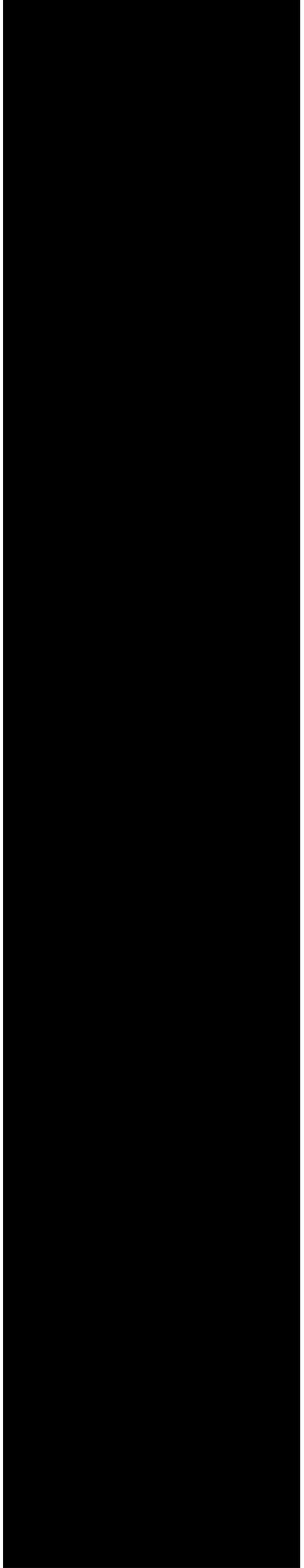




INQUIRY #: 5974913.5

YEAR: 1961

— = 500'





INQUIRY #: 5974913.5

YEAR: 1969

— = 500'





INQUIRY #: 5974913.5

YEAR: 1973

— = 500'





INQUIRY #: 5974913.5

YEAR: 1978

— = 500'





INQUIRY #: 5974913.5

YEAR: 1983

— = 500'





INQUIRY #: 5974913.5

YEAR: 1987

— = 500'





INQUIRY #: 5974913.5

YEAR: 1993

— = 500'



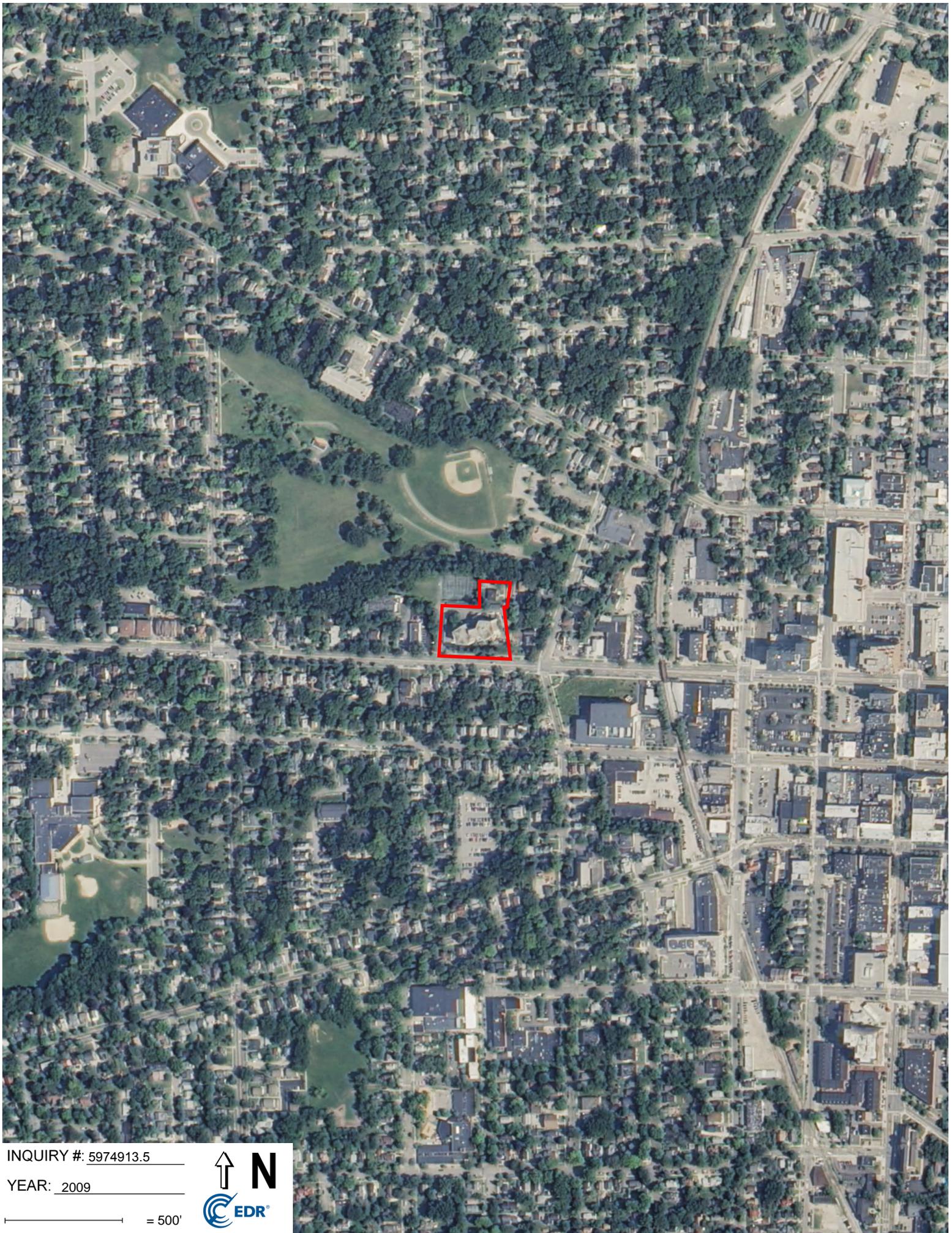


INQUIRY #: 5974913.5

YEAR: 2006

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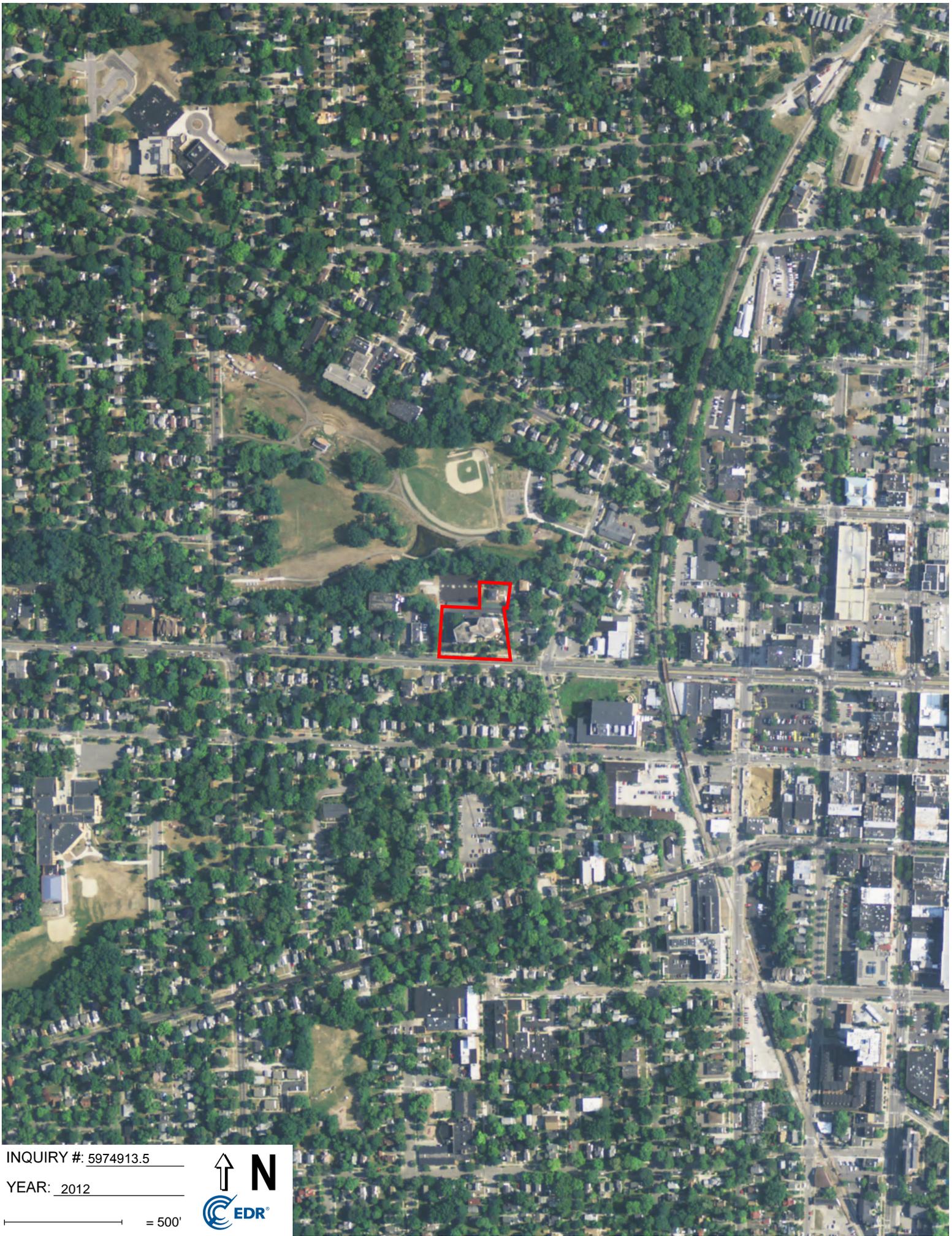


INQUIRY #: 5974913.5

YEAR: 2009

— = 500'



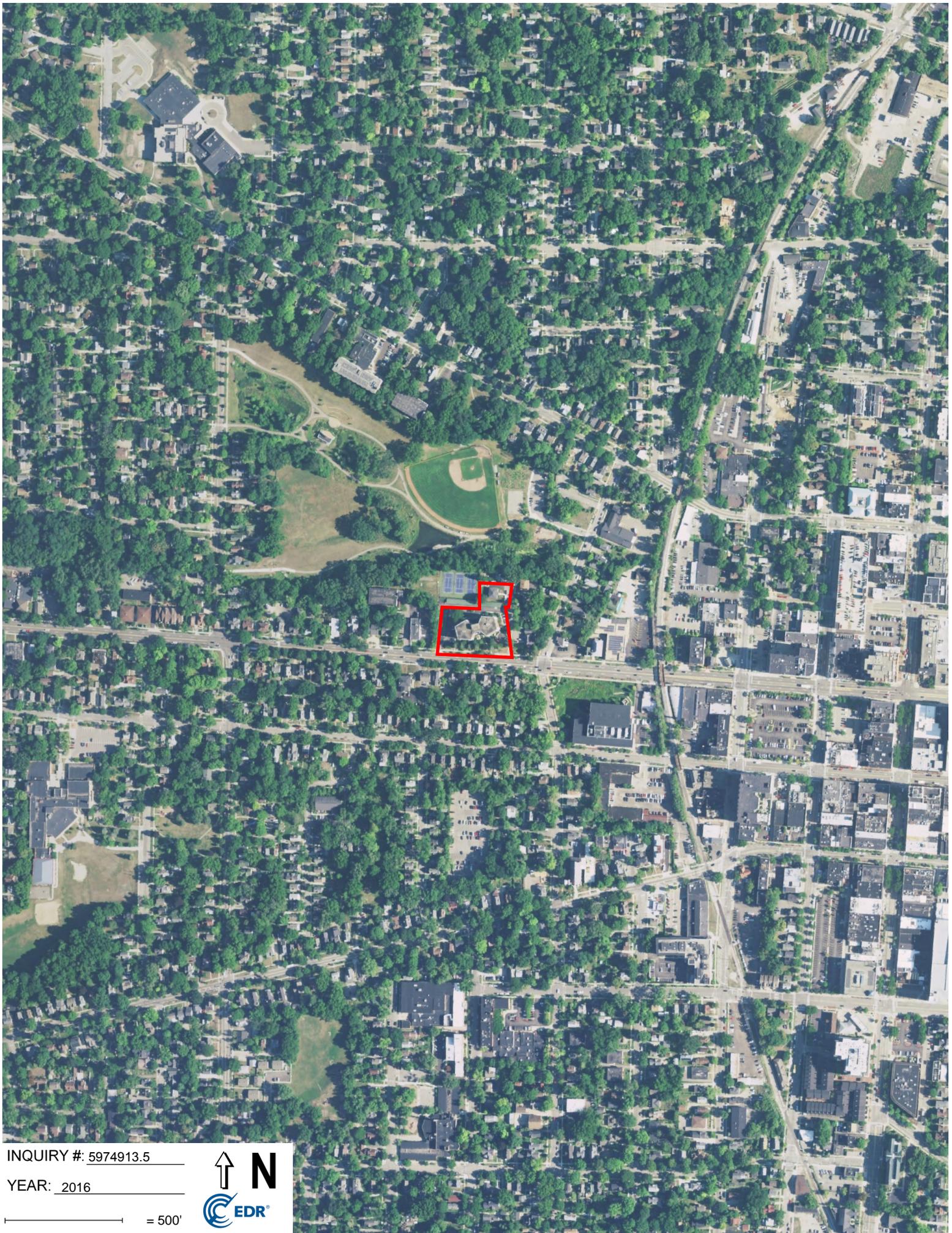


INQUIRY #: 5974913.5

YEAR: 2012

— = 500'





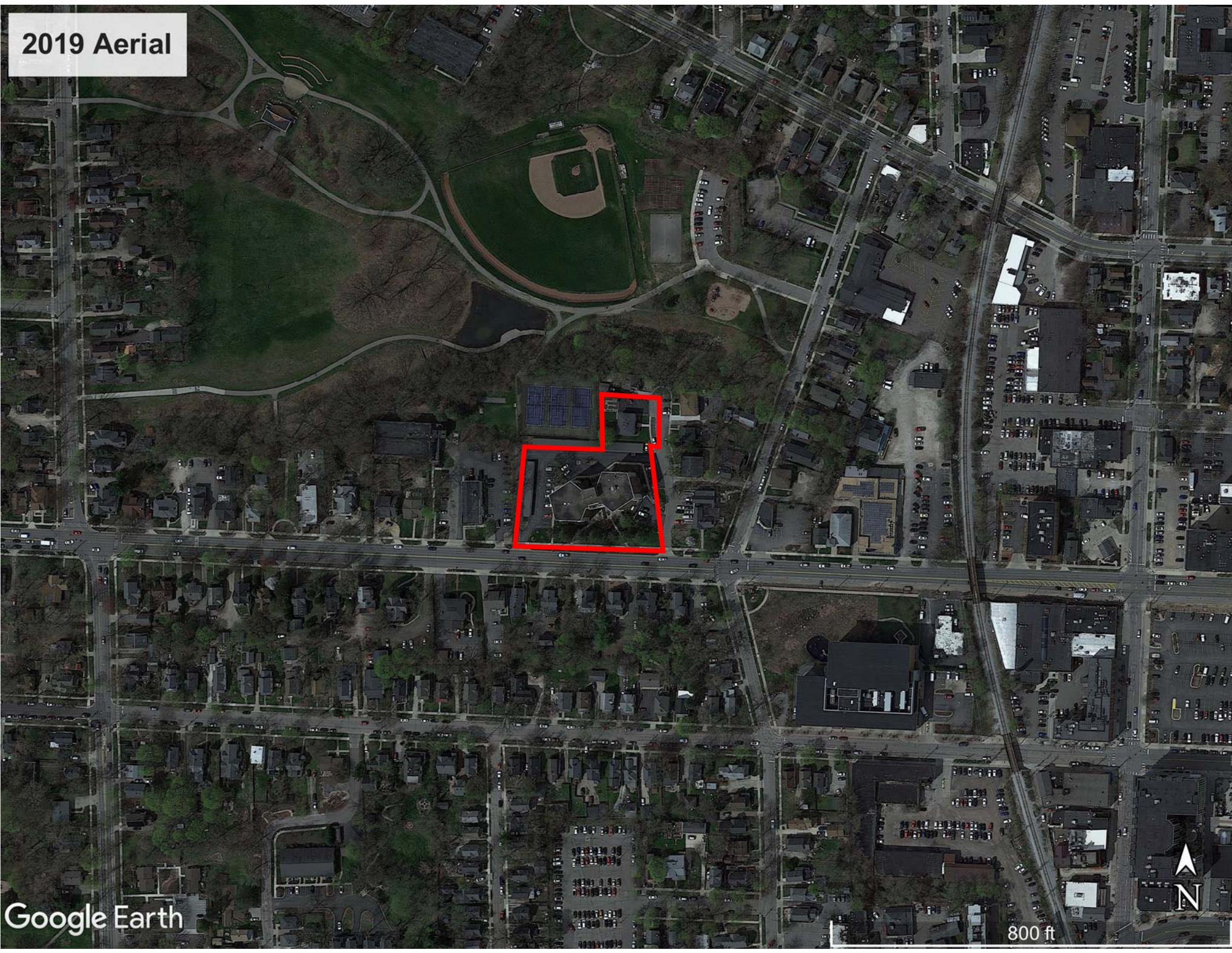
INQUIRY #: 5974913.5

YEAR: 2016

— = 500'



2019 Aerial



Google Earth

800 ft



## **Appendix E:**

# **Regulatory Records Documentation**

**Lurie Terrace Apartments**  
 600 West Huron Street  
 Ann Arbor, MI 48103

Inquiry Number: 5974913.2s  
 February 18, 2020

## FirstSearch Report

### Search Summary Report

TARGET SITE    **600 WEST HURON STREET**  
**ANN ARBOR, MI 48103**

Category	Sel	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
<i>NPL</i>	Y	0	0	0	0	0	0	0
<i>NPL Delisted</i>	Y	0	0	0	0	-	0	0
<i>CERCLIS</i>	Y	0	0	0	0	-	0	0
<i>NFRAP</i>	Y	0	0	0	0	-	2	2
<i>RCRA COR ACT</i>	Y	0	0	0	0	0	0	0
<i>RCRA TSD</i>	Y	0	0	0	0	-	0	0
<i>RCRA GEN</i>	Y	0	0	2	-	-	0	2
<i>Federal IC / EC</i>	Y	0	0	-	-	-	0	0
<i>ERNS</i>	Y	0	0	-	-	-	0	0
<i>State/Tribal CERCLIS</i>	Y	0	0	0	0	0	0	0
<i>State/Tribal SWL</i>	Y	0	0	0	0	0	0	0
<i>State/Tribal LTANKS</i>	Y	0	0	8	13	-	0	21
<i>State/Tribal Tanks</i>	Y	0	0	10	-	-	0	10
<i>State/Tribal IC / EC</i>	Y	0	0	-	-	-	0	0
<i>State/Tribal VCP</i>	Y	0	0	0	0	-	0	0
<i>ST/Tribal Brownfields</i>	Y	0	0	0	0	-	0	0
<i>US Brownfields</i>	Y	0	0	3	0	-	0	3
<i>Other SWF</i>	Y	0	0	0	0	-	0	0
<i>Other Haz Sites</i>	Y	0	3	9	23	8	1	44
<i>Local Land Records</i>	Y	0	0	-	-	-	0	0
<i>Spills</i>	Y	0	0	-	-	-	0	0
<i>Other</i>	Y	0	2	10	-	-	0	12
- Totals --		0	5	42	36	8	3	94

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6 Armstrong Road, 4th floor  
 Shelton, CT 06484  
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 www.edrnet.com

### Search Summary Report

TARGET SITE: 600 WEST HURON STREET  
ANN ARBOR, MI 48103

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
<b>NPL</b>	NPL	01/30/2020	1.000	0	0	0	0	0	0	0
	Proposed NPL	01/30/2020	1.000	0	0	0	0	0	0	0
	NPL LIENS	10/15/1991	TP	0	-	-	-	-	0	0
<b>NPL Delisted</b>	Delisted NPL	01/30/2020	0.500	0	0	0	0	-	0	0
<b>CERCLIS</b>	FEDERAL FACILITY	04/03/2019	0.500	0	0	0	0	-	0	0
	SEMS	01/30/2020	0.500	0	0	0	0	-	0	0
<b>NFRAP</b>	SEMS-ARCHIVE	01/30/2020	0.500	0	0	0	0	-	2	2
<b>RCRA COR ACT</b>	CORRACTS	12/16/2019	1.000	0	0	0	0	0	0	0
<b>RCRA TSD</b>	RCRA-TSDF	12/16/2019	0.500	0	0	0	0	-	0	0
<b>RCRA GEN</b>	RCRA-LQG	12/16/2019	0.250	0	0	0	-	-	0	0
	RCRA-SQG	12/16/2019	0.250	0	0	0	-	-	0	0
	RCRA-VSQG	12/16/2019	0.250	0	0	2	-	-	0	2
<b>Federal IC / EC</b>	LUCIS	11/04/2019	0.125	0	0	-	-	-	0	0
	US ENG CONTROLS	11/22/2019	0.125	0	0	-	-	-	0	0
	US INST CONTROL	11/22/2019	0.125	0	0	-	-	-	0	0
<b>ERNS</b>	ERNS	09/09/2019	0.125	0	0	-	-	-	0	0
<b>State/Tribal CERCLIS</b>	SHWS		1.000	0	0	0	0	0	0	0
<b>State/Tribal SWL</b>	SWF/LF	09/23/2019	0.750	0	0	0	0	0	0	0
<b>State/Tribal LTANKS</b>	LUST	10/01/2019	0.500	0	0	8	13	-	0	21
	INDIAN LUST	10/01/2019	0.500	0	0	0	0	-	0	0
<b>State/Tribal Tanks</b>	FEMA UST	08/27/2019	0.250	0	0	0	-	-	0	0
	UST	05/07/2019	0.250	0	0	10	-	-	0	10
	AST	12/02/2019	0.250	0	0	0	-	-	0	0
	INDIAN UST	10/01/2019	0.250	0	0	0	-	-	0	0
<b>State/Tribal IC / EC</b>	AUL	08/27/2019	0.125	0	0	-	-	-	0	0
<b>State/Tribal VCP</b>	INDIAN VCP	07/27/2015	0.500	0	0	0	0	-	0	0

### Search Summary Report

TARGET SITE: 600 WEST HURON STREET  
ANN ARBOR, MI 48103

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
<b>ST/Tribal Brownfields</b>	BROWNFIELDS	01/15/2016	0.500	0	0	0	0	-	0	0
<b>US Brownfields</b>	US BROWNFIELDS	06/03/2019	0.500	0	0	3	0	-	0	3
<b>Other SWF</b>	INDIAN ODI	12/31/1998	0.500	0	0	0	0	-	0	0
	ODI	06/30/1985	0.500	0	0	0	0	-	0	0
<b>Other Haz Sites</b>	PART 201	10/01/2013	1.000	0	1	0	2	8	1	12
	INVENTORY	10/21/2019	0.500	0	2	9	21	-	0	32
<b>Local Land Records</b>	LIENS	10/11/2019	0.125	0	0	-	-	-	0	0
<b>Spills</b>	SPILLS	05/31/2019	0.125	0	0	-	-	-	0	0
<b>Other</b>	RCRA NonGen / NLR	12/16/2019	0.250	0	2	5	-	-	0	7
	RADINFO	07/01/2019	TP	0	-	-	-	-	0	0
	INDIAN RESERV	12/31/2014	1.000	0	0	0	0	0	0	0
	LEAD SMELTERS	01/30/2020	TP	0	-	-	-	-	0	0
	AIRS	09/16/2019	TP	0	-	-	-	-	0	0
	BEA	08/21/2013	0.250	0	0	5	-	-	0	5
	LEAD	08/07/2019	TP	0	-	-	-	-	0	0
<b>- Totals --</b>				0	5	42	36	8	3	94

### Site Information Report

**Request Date:** FEBRUARY 18, 2020      **Search Type:** COORD  
**Request Name:** OLIVER BONHOTEL      **Job Number:** TEAM 2

**Target Site:** 600 WEST HURON STREET  
ANN ARBOR, MI 48103

#### Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>	<u>UTMs</u>
Longitude:	83.754940	83.7549400 - 83° 45' 17.78"	Easting: 272838.0
Latitude:	42.282058	42.2820580 - 42° 16' 55.40"	Northing: 4684555.5
Elevation:	819 ft. above sea level		Zone: Zone 17

#### Demographics

**Sites:** 91      **Non-Geocoded:** 3      **Population:** N/A  
**RADON**

Federal EPA Radon Zone for WASHTENAW County: 1

Note: Zone 1 indoor average level > 4 pCi/L.  
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.  
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 48103

Number of sites tested: 25

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.768 pCi/L	72%	24%	4%

Federal Area Radon Information for WASHTENAW COUNTY, MI

Number of sites tested: 79

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.078 pCi/L	79%	21%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	5.172 pCi/L	65%	32%	4%

### Site Information Report

#### RADON

State Database: MI Radon

#### Radon Test Results

Zipcode	Test Date	LT Sign	Result
48103	4/16/2009		1.6
48103	2/17/2009		1.6
48103	3/18/1999		1.5
48103	9/11/1995		1.5
48103	7/5/1995		1.5
48103	2/3/2007		1.6
48103	11/7/2005		1.6
48103	2/15/2007		1.6
48103	4/10/2006		1.6
48103	4/10/2006		1.6
48103	4/24/2006		1.6
48103	6/3/2006		1.6
48103	2/4/2006		1.6
48103	3/2/2007		1.6
48103	8/18/2007		1.6
48103	4/8/2008		1.6
48103	8/9/1999		1.6
48103	3/6/2009		1.6
48103	8/17/2009		1.6
48103	2/16/2007		1.5
48103	10/7/2006		1.5
48103	7/17/2006		1.5
48103	7/11/2008		1.5
48103	6/13/2001		1.5
48103	3/6/2002		1.5
48103	11/6/2001		1.5
48103	5/21/2005		1.5
48103	3/2/2005		1.5
48103	3/26/2003		1.4
48103	2/28/2004		1.4
48103	2/13/2006		1.4
48103	4/18/2009		1.5
48103	4/25/2009		1.5
48103	5/9/2009		1.5
48103	2/5/2009		1.5
48103	2/5/2009		1.5
48103	3/25/1997		1.4
48103	10/30/1995		1.4
48103			

### Site Information Report

RADON		
48103	8/24/1995	1.4
48103	4/14/1997	1.4
48103	2/16/1999	1.4
48103	11/29/2007	1.4
48103	5/12/1999	1.4
48103	1/22/2010	1.4
48103	1/19/2010	1.4
48103	6/2/2006	1.4
48103	2/2/2007	1.4
48103	5/5/2007	1.4
48103	2/9/2006	1.4
48103	2/4/2006	1.4
48103	4/17/2006	1.4
48103	5/20/2008	1.4
48103	4/5/2008	1.4
48103	1/28/2006	1.3
48103	2/13/2006	1.3
48103	2/20/2006	1.3
48103	2/13/2006	1.3
48103	2/10/2006	1.3
48103	2/20/1996	1.3
48103	1/15/2003	1.3
48103	5/15/2003	1.3
48103	11/7/2002	1.3
48103	3/30/2004	1.3
48103	12/20/2003	1.3
48103	6/25/2004	1.3
48103	3/14/2009	1.3
48103	2/12/1999	1.2
48103	4/15/1996	1.2
48103	1/31/2003	1.2
48103	4/3/2008	1.2
48103	7/6/2001	1.2
48103	8/28/2002	1.2
48103	8/20/2003	1.2
48103	5/1/2003	1.2
48103	4/25/2005	1.2
48103	2/16/2004	1.2
48103	1/21/2005	1.2
48103	3/1/2005	1.2
48103	2/6/2006	1.2
48103	1/19/2006	1.2
48103	12/12/2006	1.2
48103	2/13/2006	1.2
48103	12/18/1995	1.1
48103	2/7/2003	1.1
48103		

### Site Information Report

RADON		
48103	2/14/2005	1.1
48103	4/15/2005	1.1
48103	7/5/1995	1.1
48103	11/9/2001	1.1
48103	10/3/2000	1.2
48103	2/2/2009	1.2
48103	2/17/2009	1.2
48103	1/7/2010	1.2
48103	10/24/2007	1.1
48103	3/24/1995	1.1
48103	3/13/1995	1.1
48103	11/4/2004	1.1
48103	3/27/2006	1.1
48103	4/17/2006	1.1
48103	2/13/2006	1.1
48103	2/9/2006	1.1
48103	2/13/2006	1.1
48103	2/8/2006	1.1
48103	6/16/2006	1.1
48103	2/12/2008	1.1
48103	4/4/2003	1.0
48103	11/5/2004	1.0
48103	12/1/2008	1.1
48103	2/17/2009	1.1
48103	2/2/2009	1.1
48103	2/15/1999	1.0
48103	1/14/1995	1.0
48103	8/19/1994	1.0
48103	3/1/2007	1.0
48103	2/4/2006	1.0
48103	4/3/2006	1.0
48103	2/13/2006	1.0
48103	5/26/2009	1.0
48103	1/4/2008	1.0
48103	4/9/2007	1.0
48103	3/15/2008	1.0
48103	9/6/2005	1.9
48103	3/7/2005	1.9
48103	3/4/2006	1.9
48103	4/10/2006	1.9
48103	3/23/2006	1.9
48103	11/5/2001	1.9
48103	4/14/1997	1.9
48103	3/30/1998	1.9
48103	1/24/1996	1.9
48103	6/1/2002	1.9
48103		

Site Information Report

RADON		
48103	2/1/2003	1.9
48103	2/7/2003	1.9
48103	11/12/2004	1.9
48103	6/7/1995	1.8
48103	2/8/1999	1.8
48103	8/16/2003	1.8
48103	2/4/2006	1.9
48103	2/20/2006	1.9
48103	2/11/2006	1.9
48103	2/21/2006	1.9
48103	2/1/2006	1.9
48103	5/8/2006	1.9
48103	4/5/2008	1.9
48103	4/8/2008	1.9
48103	12/10/1999	1.9
48103	3/27/2009	1.9
48103	4/21/1995	1.8
48103	3/21/2009	1.8
48103	5/9/2009	1.8
48103	11/12/2009	1.8
48103	11/4/2005	1.8
48103	2/10/2006	1.8
48103	2/9/2006	1.8
48103	2/27/2006	1.8
48103	2/20/2006	1.8
48103	12/16/2006	1.8
48103	3/4/2006	1.7
48103	4/28/2007	1.7
48103	2/16/1999	1.7
48103	11/16/2001	1.7
48103	6/17/2002	1.7
48103	8/11/2003	1.7
48103	10/27/2001	1.7
48103	3/13/2003	1.7
48103	10/29/2002	1.7
48103	2/22/2003	1.7
48103	6/25/2004	1.7
48103	11/3/2004	1.7
48103	3/26/2004	1.7
48103	4/21/2005	1.7
48103	2/15/2005	1.7
48103	2/16/2007	1.7
48103	2/6/2006	1.7
48103	6/27/1995	1.6
48103	2/20/1999	1.6
48103	11/24/2003	1.6
48103		

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RADON		
48103	10/27/2001	1.6
48103	12/6/2001	1.6
48103	1/17/2002	1.6
48103	1/30/2004	1.6
48103	5/28/2007	1.6
48103	4/24/2006	< 0.3
48103	3/17/2008	< 0.3
48103	3/3/2007	< 0.3
48103	3/9/2007	< 0.3
48103	3/2/2007	< 0.3
48103	3/25/1997	< 0.3
48103	10/20/2006	< 0.3
48103	2/8/2006	< 0.3
48103	8/25/1995	< 0.3
48103	7/26/2005	< 0.3
48103	7/25/2005	< 0.3
48103	6/6/2005	< 0.3
48103	2/8/2006	< 0.3
48103	2/9/2006	< 0.3
48103	1/16/2004	0.5
48103	2/9/2004	0.5
48103	8/10/1995	0.3
48103	1/13/2004	< 0.3
48103	2/2/2006	< 0.3
48103	1/21/2004	< 0.3
48103	4/9/2004	< 0.3
48103	2/9/2006	0.5
48103	2/13/2006	0.5
48103	4/18/2008	0.5
48103	11/1/2001	< 0.3
48103	5/1/2006	< 0.3
48103	1/30/2006	< 0.3
48103	1/26/2006	< 0.3
48103	1/24/2006	< 0.3
48103	2/14/2006	< 0.3
48103	2/24/2007	0.5
48103	3/13/2003	< 0.3
48103	3/17/2003	< 0.3
48103	4/7/2003	< 0.3
48103	7/24/2002	< 0.3
48103	10/22/2002	< 0.3
48103	3/11/2000	0.5
48103	4/15/2009	0.5
48103	11/19/2009	0.5
48103	3/9/2007	< 0.3
48103	6/12/2008	< 0.3
48103		

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#### RADON

48103	2/11/2002	<	0.3
48103	2/28/2004	<	0.3
48103	5/20/2008	<	0.3
48103	9/6/1994	<	0.4
48103	3/8/2004	<	0.3
48103	2/10/2004	<	0.3
48103	1/23/2008	<	0.3
48103	1/31/2008	<	0.3
48103	2/11/1999	<	0.3
48103	1/7/1998	<	0.3
48103	5/15/2002	<	0.3
48103	6/6/2002	<	0.3
48103	5/19/2003	<	0.3
48103	6/25/2007	<	0.3
48103	4/9/2007	<	0.3
48103	3/5/2002	<	0.3
48103	3/21/2006	<	0.3
48103	3/4/2006	<	0.3
48103	1/19/2007	<	0.3
48103	1/17/2007	<	0.3
48103	3/4/2006	<	0.3
48103	1/8/2007	<	0.3
48103	3/27/2006	<	0.3
48103	4/22/1997	<	0.3
48103	12/20/1995		0.8
48103	2/20/2003		0.5
48103	1/20/2003		0.5
48103	2/11/2003		0.5
48103	2/17/2009		1.0
48103	2/17/2009		1.0
48103	1/7/1998		0.8
48103	1/10/2003		0.8
48103	2/16/2002		0.8
48103	4/30/2005		0.7
48103	4/25/2005		0.7
48103	12/31/1993		0.9
48103	8/21/2003		0.8
48103	9/11/1995		0.9
48103	10/17/2005		0.6
48103	8/23/2003		0.9
48103	11/5/2001		0.9
48103	5/22/2003		0.9
48103	2/24/2004		0.6
48103	11/5/2004		0.6
48103	1/27/2006		0.6
48103	1/31/2005		0.8
48103			

### Site Information Report

#### RADON

48103	1/24/2004		0.8
48103	2/4/2006		0.7
48103	2/1/2003		0.9
48103	2/2/2007		0.6
48103	2/13/2006		0.8
48103	2/8/2007		0.7
48103	10/20/2008		0.7
48103	4/24/2006		0.8
48103	4/5/2008		0.7
48103	8/18/2007		0.7
48103	5/16/2005		0.9
48103	12/10/2007		0.8
48103	3/7/2006		0.9
48103	2/20/2006		0.9
48103	2/10/2006		0.9
48103	2/20/2006		0.9
48103	2/10/2006		0.9
48103	6/5/1999		0.6
48103	3/1/2008		0.8
48103	11/28/1994		0.7
48103	2/24/1995		0.7
48103	9/21/2000		0.7
48103	11/21/2005		0.9
48103	6/29/2001		0.8
48103	2/10/2009		0.6
48103	11/2/2007		0.9
48103	1/7/2008		0.9
48103	11/19/2009		0.6
48103	5/27/1994		0.8
48103	1/26/2009		0.8
48103	2/5/2009		0.7
48103	4/23/1997		0.6
48103	5/3/1996		0.6
48103	4/27/1995		0.9
48103	8/27/1996		0.5
48103	12/2/1996		0.5
48103	11/23/2009		0.8
48103	2/17/2009		0.8
48103	11/9/2001		0.7
48103	1/7/1998		0.6
48103	12/2/1996		0.6
48103	2/19/2003		0.6
48103	11/22/2002		0.6
48103	6/12/2009		0.9
48103	3/19/2002		0.5
48103	10/21/1996		0.7
48103			

### Site Information Report

#### RADON

	2/7/2003	0.7
48103	3/13/2002	0.7
48103	7/5/2003	0.6
48103	3/29/2002	0.6
48103	1/25/2003	0.6
48103	9/2/2009	0.9
48103	5/22/2009	2.9
48103	9/6/2007	2.9
48103	3/3/2008	2.9
48103	5/13/1999	2.8
48103	3/16/1995	2.8
48103	12/21/2009	2.8
48103	11/3/2009	2.7
48103	3/15/1997	2.6
48103	3/5/1999	2.6
48103	2/24/2009	2.6
48103	6/22/2009	2.6
48103	4/4/2000	2.9
48103	2/3/2000	2.9
48103	5/31/1999	2.9
48103	2/6/2001	2.9
48103	5/22/2006	2.5
48103	3/25/1994	2.5
48103	1/23/1996	2.5
48103	4/18/1997	2.5
48103	6/14/2003	2.5
48103	1/3/2006	2.5
48103	8/18/2007	2.5
48103	3/16/2007	2.5
48103	10/20/1994	2.5
48103	8/8/1994	2.5
48103	2/25/2000	2.5
48103	4/19/1999	2.5
48103	3/2/1995	2.5
48103	1/14/2009	2.5
48103	2/6/2009	2.5
48103	2/12/2009	2.5
48103	1/30/2009	2.5
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48103	8/30/1997	2.4
48103	2/1/2003	2.4
48103	9/3/2002	2.4
48103	2/14/2004	2.4
48103	9/27/2004	2.4
48103	6/26/2006	2.4
48103	9/5/2007	2.4
48103		

### Site Information Report

#### RADON

	4/8/2008	2.4
48103	11/24/2008	2.4
48103	4/17/2006	2.2
48103	2/10/2006	2.2
48103	1/24/2009	2.4
48103	3/16/2009	2.4
48103	4/20/1994	2.3
48103	3/21/2008	2.2
48103	3/9/2009	2.3
48103	4/10/2009	2.3
48103	7/6/2001	2.2
48103	12/6/1999	2.2
48103	3/6/2003	2.3
48103	4/18/2003	2.3
48103	3/14/1998	2.2
48103	6/18/1994	2.2
48103	9/6/1994	2.2
48103	9/15/1994	2.2
48103	10/1/2004	2.3
48103	6/12/1996	2.2
48103	2/26/2009	2.2
48103	12/29/1997	2.1
48103	8/19/2005	2.3
48103	3/1/2005	2.3
48103	2/28/2005	2.2
48103	3/2/1999	2.1
48103	2/16/1996	2.1
48103	9/12/1997	2.1
48103	2/6/2006	2.3
48103	2/9/2007	2.3
48103	2/3/2007	2.3
48103	2/4/2006	2.3
48103	2/27/2006	2.3
48103	2/26/2004	2.2
48103	2/7/2004	2.2
48103	2/6/2006	2.2
48103	3/26/2002	2.1
48103	11/2/2001	2.1
48103	6/26/2006	3.0
48103	4/25/2006	3.0
48103	4/10/2006	3.0
48103	4/3/2006	3.0
48103	12/10/2007	3.0
48103	1/10/2009	2.9
48103	2/5/2009	2.9
48103	2/13/2009	2.9
48103		

### Site Information Report

RADON		
48103	3/2/2009	2.9
48103	2/8/1996	2.7
48103	11/5/2001	2.7
48103	5/8/2002	2.7
48103	3/21/2003	2.6
48103	2/8/2008	3.0
48103	2/25/2000	3.0
48103	1/10/2003	2.7
48103	2/9/2005	2.7
48103	1/13/2005	2.7
48103	11/7/2001	2.6
48103	4/4/2005	2.6
48103	8/27/2004	2.6
48103	5/26/2000	3.0
48103	11/20/2003	2.8
48103	1/21/2002	2.8
48103	2/3/2003	2.8
48103	1/29/2003	2.8
48103	2/14/2004	2.7
48103	7/11/2006	2.7
48103	12/6/2006	2.7
48103	1/31/2006	2.6
48103	2/16/2007	2.6
48103	2/5/2007	2.6
48103	1/28/2006	2.6
48103	12/12/2005	2.6
48103	1/24/2006	2.6
48103	2/13/2006	2.6
48103	2/9/2006	2.6
48103	11/27/1998	2.9
48103	4/14/1997	2.9
48103	2/7/1994	2.9
48103	1/31/1994	2.9
48103	7/16/2004	2.8
48103	2/4/2006	2.8
48103	3/10/2006	2.8
48103	2/2/2007	2.8
48103	11/28/2005	2.8
48103	2/6/2006	2.7
48103	4/22/2006	2.7
48103	12/10/2007	2.7
48103	2/13/2007	2.6
48103	5/22/2009	2.6
48103	3/3/2007	2.6
48103	11/9/2007	2.6
48103	5/3/2003	2.9
48103		

### Site Information Report

RADON		
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48103	2/25/2002	2.9
48103	1/25/2003	2.9
48103	6/1/2002	2.9
48103	1/28/2003	2.9
48103	9/6/2005	2.9
48103	5/1/2006	2.8
48103	2/12/2007	2.8
48103	2/9/2007	2.8
48103	1/30/2006	2.8
48103	1/14/2008	2.8
48103	7/2/1994	2.6
48103	11/29/1994	2.6
48103	11/6/2000	2.6
48103	6/16/2005	2.9
48103	2/20/2006	2.9
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48103	5/7/2007	2.8
48103	12/21/2009	2.7
48103	2/14/2009	2.7
48103	3/2/2009	2.7
48103	3/19/2009	< 0.3
48103	2/6/2006	3.8
48103	11/7/2005	3.8
48103	7/24/2006	3.8
48103	2/2/2007	3.8
48103	1/10/2008	3.8
48103	1/18/2008	3.8
48103	2/20/2007	3.8
48103	12/8/2004	3.6
48103	8/27/2004	3.6
48103	3/31/2004	3.6
48103	2/16/2007	3.6
48103	2/25/2008	< 0.3
48103	3/9/2007	< 0.3
48103	2/23/2009	< 0.3
48103	2/24/2009	< 0.3
48103	2/7/2001	3.8
48103	11/12/2009	3.8
48103	1/26/2007	3.6
48103	12/19/2005	3.6
48103	2/6/2006	3.6
48103	11/9/2007	3.6
48103		

### Site Information Report

RADON			
48103	1/29/2009		3.6
48103	1/31/2009		3.6
48103	4/3/2009		3.6
48103	2/6/2009		3.6
48103	10/28/1997		3.5
48103	4/7/2004		3.5
48103	7/12/2005		3.5
48103	6/16/2004		3.5
48103	1/15/2004		3.5
48103	11/13/2004		3.5
48103	12/2/1994	<	0.3
48103	3/14/1995	<	0.3
48103	3/27/2009		3.5
48103	2/28/2005		3.5
48103	2/13/2006		3.5
48103	8/4/2006		3.5
48103	2/6/2006		3.5
48103	1/30/2006		3.5
48103	5/22/2007		3.5
48103	8/3/1998		3.4
48103	1/31/1994		3.4
48103	10/15/1998		3.4
48103	1/16/2003		3.4
48103	10/14/2004		3.4
48103	2/6/2007		3.4
48103	1/30/2006		3.4
48103	5/1/2006		3.4
48103	2/13/2006		3.4
48103	2/9/2006		3.4
48103	6/5/2006		3.4
48103	10/24/2000	<	0.3
48103	10/25/2000	<	0.3
48103	2/11/2003		3.2
48103	1/30/2003		3.2
48103	5/31/2003		3.2
48103	10/29/2001		3.2
48103	12/20/2001		3.2
48103	5/16/2002		3.2
48103	1/6/2007		3.1
48103	1/27/2006		3.1
48103	9/21/2000	<	0.3
48103	9/21/2000	<	0.3
48103	8/7/2000	<	0.3
48103	3/4/2006		3.2
48103	4/22/2006		3.2
48103	2/15/2006		3.2
48103			

### Site Information Report

RADON			
48103	2/4/2006		3.2
48103	10/17/2008		3.1
48103	3/15/2008		3.1
48103	3/5/2009		3.4
48103	8/20/2001		3.3
48103	11/16/1996		3.3
48103	2/12/1999		3.3
48103	1/26/2001	<	0.3
48103	2/9/2001	<	0.3
48103	7/5/1994		3.1
48103	10/30/2002		3.3
48103	3/10/2003		3.3
48103	2/18/2004		3.3
48103	11/16/2006		3.2
48103	11/15/2007		3.2
48103	6/14/1999	<	0.3
48103	6/21/1999	<	0.3
48103	6/19/1999	<	0.3
48103	12/10/2004		3.3
48103	2/6/2006		3.3
48103	2/13/2007		3.3
48103	2/8/2006		3.3
48103	2/6/2006		3.3
48103	7/22/2008		3.2
48103	3/15/2008		3.2
48103	12/10/1994		3.2
48103	1/24/2001		3.2
48103	3/6/2009		3.1
48103	1/9/2010		3.1
48103	2/10/2009		3.1
48103	2/4/2009		3.2
48103	8/3/1998		3.1
48103	2/15/1999		3.1
48103	10/19/1998		3.0
48103	2/18/1999		3.0
48103	2/22/1999		3.0
48103	11/3/2003		3.0
48103	11/9/2007		3.3
48103	2/8/1999		3.9
48103	2/24/2003		3.9
48103	12/13/2002		3.9
48103	3/28/2003		3.9
48103	6/26/2003		3.9
48103	2/6/2009		3.8
48103	11/29/1995		3.7
48103	10/14/1995		3.7
48103			

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RADON			
	11/2/2002		3.1
48103	8/17/2009	<	0.3
48103	2/2/2004		3.9
48103	1/24/2005		3.9
48103	11/13/2004		3.9
48103	10/16/2006		3.9
48103	1/28/2003		3.7
48103	10/17/2005		3.7
48103	2/14/2005		3.7
48103	11/22/2004		3.7
48103	9/6/2005		3.7
48103	10/31/2005		3.7
48103	2/15/2005		3.0
48103	3/7/2005		3.0
48103	2/6/2004		3.0
48103	12/11/2009	<	0.3
48103	3/30/2006		3.9
48103	11/9/2007		3.9
48103	1/18/1995		3.9
48103	9/10/1999		3.9
48103	1/10/2000		3.9
48103	4/9/2007		3.7
48103	2/9/2006		3.7
48103	2/8/2007		3.7
48103	3/20/2008		3.7
48103	8/17/1999		3.3
48103	4/3/2009		3.3
48103	11/10/2009	<	0.3
48103	11/2/2009	<	0.3
48103	3/2/2009		3.9
48103	2/26/2009		3.9
48103	6/9/2007		3.7
48103	12/14/2007		3.7
48103	2/26/2007		3.7
48103	10/31/2008		3.7
48103	10/29/2007		3.7
48103	7/27/2007		3.7
48103	6/3/1994		3.7
48103	3/6/2003		3.1
48103	11/2/2001		3.1
48103	12/17/2004		3.1
48103	2/15/2005		3.1
48103	11/1/2004		3.1
48103	3/27/1998		3.8
48103	4/4/2000		3.7
48103	3/20/2009		3.7
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RADON			
	2/14/2009		3.7
48103	6/24/2009		3.7
48103	3/27/2009		3.7
48103	7/9/1994		3.4
48103	4/20/1999		3.4
48103	6/29/2009	<	0.3
48103	4/15/2009	<	0.3
48103	10/30/2001		3.8
48103	3/20/2003		3.8
48103	12/13/2001		3.8
48103	12/1/2003		3.8
48103	8/2/2005		3.8
48103	5/14/2005		3.8
48103	11/5/2001		3.6
48103	4/14/1997		3.2
48103	2/27/2009	<	0.3
48103	2/27/2009	<	0.3
48103	2/26/2009	<	0.3
48103	1/14/2003		7.6
48103	2/14/2004		7.6
48103	3/3/2007		7.6
48103	3/27/2009		7.3
48103	12/14/1998		7.2
48103	9/26/2006		7.2
48103	2/4/2006		7.2
48103	9/2/2008		6.9
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48103	3/14/2009		6.9
48103	11/28/1997		6.8
48103	4/16/2005		6.6
48103	4/10/2006		6.6
48103	10/23/2007		6.6
48103	8/11/2008		6.6
48103	7/17/2001		6.6
48103	1/24/2000		7.6
48103	4/6/2009		7.6
48103	2/22/1999		7.5
48103	5/1/2003		7.5
48103	2/2/2007		7.5
48103	2/7/2006		7.5
48103	6/5/1999		7.2
48103	1/24/2009		7.2
48103	12/21/2002		7.1
48103	10/17/2005		7.1
48103	2/20/2006		6.8
48103	11/7/2007		6.8
48103			

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48103	7/13/2009	6.8
48103	4/24/2003	6.5
48103	3/16/2005	6.5
48103	6/11/2004	6.5
48103	2/25/2006	6.5
48103	1/26/2006	6.5
48103	4/16/2008	6.5
48103	8/18/2007	6.5
48103	7/24/2007	6.5
48103	4/28/2007	6.5
48103	8/13/1999	6.5
48103	2/12/2009	6.5
48103	4/3/2009	6.5
48103	4/3/2009	6.5
48103	2/7/2003	6.4
48103	6/1/2002	6.4
48103	2/27/2007	6.4
48103	6/9/2008	6.4
48103	7/21/1994	6.4
48103	11/13/2009	6.4
48103	5/22/2009	6.4
48103	4/13/2009	6.3
48103	11/9/2009	6.3
48103	11/3/2009	6.3
48103	11/3/1997	6.2
48103	7/15/1996	6.2
48103	2/4/1994	6.2
48103	6/5/2003	6.2
48103	10/17/2001	6.2
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48103	1/22/2007	6.2
48103	2/27/2007	6.2
48103	1/28/2006	6.2
48103	11/22/2008	6.2
48103	12/6/2005	6.1
48103	6/14/1999	6.1
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48103	2/17/2006	4.9
48103	3/13/2006	4.9
48103	12/10/2007	4.9
48103	2/28/2009	6.1
48103	3/7/1994	6.0
48103	8/24/2002	6.0
48103	6/2/2003	6.0
48103	8/1/2005	6.0
48103		

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#### RADON

48103	4/2/2004	6.0
48103	5/25/2006	5.6
48103	1/20/2007	5.6
48103	1/12/2008	5.6
48103	11/9/2007	5.6
48103	1/25/2010	5.6
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48103	1/24/2006	4.6
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48103	2/13/1998	4.8
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48103	3/27/1999	5.9
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48103	2/16/1999	5.9
48103	3/8/1997	5.9
48103	2/9/2002	5.9
48103	12/17/2001	5.9
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48103	11/28/2005	5.9
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48103	6/1/2002	5.1
48103	7/31/2009	4.8
48103	12/3/2008	4.8
48103	4/14/1997	4.7
48103	10/4/1995	4.7
48103	2/11/2006	5.9
48103		

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48103	3/27/2000	5.9
48103	1/27/2000	5.9
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48103	4/6/2009	5.5
48103	12/8/2008	5.5
48103	11/24/1997	5.4
48103	11/24/1997	5.4
48103	1/23/2003	5.4
48103	5/9/2003	5.4
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48103	1/28/2006	5.1
48103	4/9/2007	5.1
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48103	8/7/2003	4.7
48103	3/28/2005	4.7
48103	1/29/2003	5.8
48103	2/15/2005	5.8
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48103	2/14/2006	5.4
48103	2/13/2006	5.4
48103	3/22/2007	5.4
48103	10/30/1995	5.0
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48103	2/12/1999	5.0
48103	2/7/2003	5.0
48103	2/27/2003	5.0
48103	10/29/2001	5.0
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48103	11/5/2002	4.8
48103	4/2/2003	4.8
48103	11/1/2001	4.8
48103	7/5/2005	4.8
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48103	1/24/2009	5.4
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48103	5/1/1997	5.3
48103	1/5/2002	5.3
48103		

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48103	11/2/2009	4.7
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48103	4/18/2008	4.7
48103	5/22/2009	4.7
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48103	9/24/2007	5.7
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48103	1/15/2002	4.9
48103	2/3/2003	4.9
48103	4/9/2002	4.9
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48103	1/18/2007	4.8
48103	3/21/2008	4.8
48103	2/8/1999	5.6
48103	2/16/1998	5.6
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48103	2/3/2003	5.2
48103	4/1/2003	5.2
48103	6/1/2002	5.2
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48103	12/19/1996	7.9
48103	3/21/2002	7.9
48103		

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48103	6/27/1995	7.0
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48103	9/29/1997	6.7
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48103	2/13/2003	6.7
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48103	9/6/1997	7.3
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48103	2/6/2009	6.7
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48103	2/10/2000	7.8
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48103	2/11/2003	7.3
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48103	1/21/1995	7.3
48103	12/3/2001	6.9
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48103	3/5/2009	2.0
48103	5/28/1994	25.5
48103	2/15/2006	25.3
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48103	3/10/2009	18.3
48103	5/8/2003	18.2
48103	6/6/2002	18.1
48103	12/9/2002	17.6
48103	7/8/2003	2.0
48103	7/18/2003	2.0
48103	11/12/2001	2.0
48103	10/6/2003	2.0
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48103	2/7/2006	48.8
48103	1/8/2007	48.2
48103	3/11/1996	48.9
48103	6/27/2008	48.5
48103	3/18/1999	44.8
48103	4/3/2006	42.1
48103	1/27/2009	23.1
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48103	10/14/1996	22.2
48103	2/6/2009	21.9
48103	2/10/2003	17.4
48103	4/15/2006	17.1
48103	10/29/2001	16.9
48103	4/3/2009	16.9
48103	11/20/2004	16.8
48103	1/10/2003	16.7
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48103	10/22/2007	16.1
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48103	12/7/2005	15.9
48103	11/14/2002	15.7
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48103	1/5/2002	14.1
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48103	12/24/2005	14.1
48103	4/3/2006	14.0
48103	4/7/2008	14.0
48103		

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RADON		
	2/12/2000	14.0
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48103	2/7/2003	13.9
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48103	5/18/2007	15.1
48103	3/5/2009	15.1
48103	3/23/2004	15.0
48103	6/27/2003	14.9
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48103	10/15/2004	14.7
48103	11/24/2007	14.7
48103	2/26/2009	14.6
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48103	2/21/2008	13.6
48103	3/29/1999	13.5
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48103	10/22/2001	12.4
48103	11/9/2001	12.4
48103	2/16/1995	9.0
48103	11/12/2009	9.0
48103		

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RADON		
	3/12/2005	8.9
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48103	1/20/2003	11.0
48103	5/12/1999	10.2
48103	1/17/2002	10.1
48103	5/3/2004	10.1
48103	10/26/2004	10.1
48103	2/26/2004	10.1
48103	4/25/2006	10.1
48103	3/14/2006	10.1
48103	6/18/1999	10.1
48103	6/3/1995	10.0
48103	2/28/2003	10.0
48103	10/13/1998	8.0
48103	3/22/1996	12.0
48103	3/6/2009	12.0
48103	2/12/1999	11.9
48103	2/2/2009	11.9
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48103	11/13/2002	10.8
48103	1/21/2003	10.8
48103	3/17/2008	10.8
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48103	7/12/1997	10.7
48103	10/30/1997	10.7
48103	2/22/1999	10.7
48103	5/16/2009	10.0
48103	12/6/2001	9.9
48103	2/2/2007	9.9
48103	6/6/1994	8.9
48103	6/25/2009	8.9
48103	3/12/2003	8.8
48103	2/25/2006	8.8
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48103	11/6/2001	11.7
48103	11/27/2004	11.7
48103		

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48103	7/23/2002	9.7
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48103	2/22/1999	8.3
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48103	8/30/2006	10.3
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48103	12/1/2003	10.2
48103		

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48103	3/7/2005	2.1
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48103	4/16/2005	2.0
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48103	5/22/2009	2.1
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48103	8/26/1995	9.0
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48103		

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48103	11/30/1994	2.1
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48103	1/13/2003	20.9
48103	6/18/2001	30.6
48103	6/1/1998	20.2
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48103		

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48103	6/1/2002	4.1
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48103	2/13/2006	4.0
48103	3/6/2006	4.0
48103	5/7/2009	4.0
48103	7/6/2007	4.6
48103	5/22/2006	4.4
48103	1/28/2006	4.4
48103	2/14/2006	4.4
48103	7/20/2007	4.4
48103	1/28/2000	4.4
48103	1/11/2000	4.4
48103	1/24/2009	4.3
48103	3/16/2009	4.3
48103	11/24/2009	4.3
48103	4/30/2003	4.1
48103	2/20/2006	4.1
48103	12/16/2006	4.1
48103	6/22/2006	4.1
48103	1/18/2010	4.6
48103	2/21/2009	4.6
48103	2/17/2009	4.6
48103	5/14/1997	4.5
48103	4/6/1998	4.5
48103	10/30/2001	4.5
48103	1/31/1994	4.4
48103	3/27/2009	4.4
48103	3/25/2009	4.4
48103	8/25/2003	4.2
48103	10/30/2002	4.2
48103	12/13/2002	4.2
48103	3/14/2003	4.2
48103	3/28/2003	4.2
48103	5/8/2006	4.2
48103	1/26/2006	4.1
48103	2/13/2006	4.1
48103	5/14/2009	4.1
48103	3/9/2007	4.1
48103	3/31/2008	4.1
48103		



### Sites Summary Report

Target Property: 600 WEST HURON STREET ANN ARBOR, MI 48103      JOB: TEAM 2

TOTAL: 94      GEOCODED: 91      NON GEOCODED: 3

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	RCRA NonGen / NLR ANN ARBOR CIRCUITS --MID020827192		424 W. WASHINGTON ST. ANN ARBOR, MI 48103	0.10 SE	- 15	1
A2	RCRA NonGen / NLR ANN ARBOR YMCA --MIK356241422		400 W WASHINGTON ST ANN ARBOR, MI 48103	0.10 SE	- 15	5
A3	PART 201 --Evaluation conducted --81000555	396-424 W. WASHINGTON/ANNARBOR	396-424 W. WASHINGTON ST. ANN ARBOR, MI 48103	0.10 SE	- 14	7
A3	INVENTORY --81000555	396-424 W. WASHINGTON/ANNARBOR	396-424 W. WASHINGTON ST. ANN ARBOR, MI 48103	0.10 SE	- 14	8
A4	INVENTORY --81000555		396 - 424 W WASHINGTON , MI	0.12 ESE	- 14	9
A5	RCRA NonGen / NLR CITY OF ANN ARBOR --MIP200000776		415 W WASHINGTON ST ANN ARBOR, MI 48103	0.13 SE	- 11	10
A6	INVENTORY --00008428	PARKS & RECREATION BLDG	415 W WASHINGTON ST ANN ARBOR, MI 48103	0.13 SE	- 11	12
A6	UST --Removed from Ground --CLOSED --00008428	PARKS & RECREATION BLDG	415 W WASHINGTON ST ANN ARBOR, MI 48103	0.13 SE	- 11	13
A6	LUST --Open --00008428 --Gasoline	PARKS & RECREATION BLDG	415 W WASHINGTON ST ANN ARBOR, MI 48103	0.13 SE	- 11	16
A7	RCRA NonGen / NLR CITY OF ANN ARBOR --MID985640275		415 W WASHINGTON ST ANN ARBOR, MI 48103	0.13 SE	- 11	17
B8	INVENTORY --00037093	BILL MUNCYS SERVICE	423 MILLER AVE ANN ARBOR, MI 48103	0.13 NE	- 21	19

### Sites Summary Report

Target Property: 600 WEST HURON STREET ANN ARBOR, MI 48103      JOB: TEAM 2

TOTAL: 94      GEOCODED: 91      NON GEOCODED: 3

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
B8	UST --Closed in Ground --CLOSED --00037093	BILL MUNCYS SERVICE	423 MILLER AVE ANN ARBOR, MI 48103	0.13 NE	- 21	20
B8	LUST --Closed --00037093 --Unknown,Unknown	BILL MUNCYS SERVICE	423 MILLER AVE ANN ARBOR, MI 48103	0.13 NE	- 21	21
C9	RCRA-VSQG --MID981532377	ROSS-BEAKES COLLISION	314 W ANN ST ANN ARBOR, MI 48104	0.14 ENE	- 15	22
B10	BEA		391 AND 401 MILLER ROAD ANN ARBOR CITY, MI 48104	0.15 ENE	- 20	25
B11	INVENTORY		391 AND 401 MILLER ROAD , MI 48104	0.15 ENE	- 20	26
C12	RCRA NonGen / NLR THERMO ANALYTICAL ENVR RESEACH --MID981961550		117 N 1ST ST ANN ARBOR, MI 48104	0.17 East	- 6	27
C13	UST --Removed from Ground --CLOSED --00035012	WCP INVESTMENTS PARTNERSHIP	117 N 1ST ST ANN ARBOR, MI 48104	0.17 East	- 6	29
C13	LUST --Closed --00035012 --Unknown	WCP INVESTMENTS PARTNERSHIP	117 N 1ST ST ANN ARBOR, MI 48104	0.17 East	- 6	30
D14	UST --Removed from Ground --CLOSED --00036339	RO-AN REALTY CO	218 W HURON ST ANN ARBOR, MI 48104	0.19 East	+ 2	31
15	RCRA-VSQG --MID985612050	MAPLE TOWER LDHA LP	727 MILLER AVE ANN ARBOR, MI 48103	0.20 NNW	+ 21	37
E16	UST --Removed from Ground --CLOSED --00035555	ANN ARBOR IMPLEMENT CO	210 S 1ST ST ANN ARBOR, MI 48104	0.20 SE	- 1	39

### Sites Summary Report

Target Property: 600 WEST HURON STREET      JOB: TEAM 2  
ANN ARBOR, MI 48103

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Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
E16	LUST --Closed --00035555 --Gasoline	ANN ARBOR IMPLEMENT CO	210 S 1ST ST ANN ARBOR, MI 48104	0.20 SE	- 1	40
F17	UST --Removed from Ground --CLOSED --00016297	MODERN CAR WASH	318 W LIBERTY ST ANN ARBOR, MI 48103	0.20 SE	- 2	41
D18	UST --Removed from Ground --CLOSED --00041872	ASHLEY TERRANCE DEVELOPMENT	208 W HURON ST ANN ARBOR, MI 48104	0.20 East	+ 5	43
D18	LUST --Closed --00041872 --Gasoline,Diesel	ASHLEY TERRANCE DEVELOPMENT	208 W HURON ST ANN ARBOR, MI 48104	0.20 East	+ 5	45
D19	RCRA NonGen / NLR RO AN REALITY CO --MID985661651		208 W HURON ST ANN ARBOR, MI 48104	0.20 East	+ 5	46
D20	INVENTORY		204 W HURON , MI 48104	0.20 East	+ 6	48
D21	BEA		204 W HURON ANN ARBOR CITY, MI 48104	0.20 East	+ 6	49
E22	INVENTORY --81000633		300 W. LIBERTY STREET , MI 48103	0.21 SE	- 1	50
E23	INVENTORY --81000633	300 WEST LIBERTY STREET	300 WEST LIBERTY STREET ANN ARBOR, MI	0.21 SE	- 1	51
E24	US BROWNFIELDS --169918	BLANK SLATE CREAMERY	300 W. LIBERTY ANN ARBOR, MI 48103	0.21 SE	- 1	52
F25	UST --Removed from Ground --CLOSED --00011355	J B'S AUTO SERVICE	325 W LIBERTY ST ANN ARBOR, MI 48103	0.22 SE	+ 0	63

### Sites Summary Report

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ANN ARBOR, MI 48103

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Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
E26	US BROWNFIELDS --37481	226 WEST LIBERTY	226 WEST LIBERTY ANN ARBOR, MI 48104	0.23 SE	+ 6	66
27	RCRA NonGen / NLR MORNINGSIDE ANN ARBOR LLC --MIK784869687		305 W LIBERTY ST ANN ARBOR, MI 48103	0.24 SSE	+ 0	76
G28	BEA	BUDGET RENT A CAR	200 S ASHLEY ST ANN ARBOR, MI 48104	0.24 ESE	+ 11	78
G29	INVENTORY		200 S ASHLEY , MI 48104	0.24 ESE	+ 11	79
G30	US BROWNFIELDS --21901	200 SOUTH ASHLEY STREET	200 SOUTH ASHLEY STREET ANN ARBOR, MI 48104	0.24 ESE	+ 11	80
G31	UST --Removed from Ground --CLOSED --00037272	BUDGET RENT A CAR	200 S ASHLEY ST ANN ARBOR, MI 48104	0.24 ESE	+ 11	90
G31	LUST --Closed --00037272 --Gasoline	BUDGET RENT A CAR	200 S ASHLEY ST ANN ARBOR, MI 48104	0.24 ESE	+ 11	91
H32	LUST --Closed --50005381	LIBERTY STREET	221 W LIBERTY ST ANN ARBOR, MI 48104	0.24 SE	+ 4	92
H33	BEA		221 W LIBERTY ST ANN ARBOR CITY, MI 48103	0.24 SE	+ 4	93
H34	INVENTORY		221 W LIBERTY ST , MI 48103	0.24 SE	+ 4	94
F35	BEA	EATON CORP - ANN ARBOR	315 S FIRST & 311 S SECON ANN ARBOR CITY, MI 48103	0.24 SE	- 1	95
I36	UST --Non-Registered Tank --ACTIVE --10000227	NRT	202 MILLER AVE ANN ARBOR, MI 48104	0.24 ENE	- 5	96
I37	INVENTORY --50006051	NRT (10000227)	202 MILLER AVE ANN ARBOR, MI 48104	0.24 ENE	- 5	97

### Sites Summary Report

Target Property: 600 WEST HURON STREET      JOB: TEAM 2  
ANN ARBOR, MI 48103

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Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
I37	LUST --Open --50006051 --Unknown	NRT (10000227)	202 MILLER AVE ANN ARBOR, MI 48104	0.24 ENE	- 5	98
H38	INVENTORY --81000540	EATON CORP - ANN ARBOR	SW CORNER OF S FIRST & W , MI 48103	0.25 SE	+ 0	99
H39	INVENTORY --81000540	EATON CORP - ANN ARBOR	315 S FIRST & 311 S SECON , MI 48103	0.25 SE	+ 0	100
J40	PART 201 --See Leaking Underground Storage Tank Site Database --81000105	U OF M ARGUS BUILDING	400 FOURTH ST ANN ARBOR, MI 48103	0.27 South	+ 6	101
J41	LUST --Open --50000735	U OF M ARGUS BLDG	400 4TH ST ANN ARBOR, MI 48103	0.27 South	+ 6	102
J42	INVENTORY --81000105	400 4TH STREET - ARGUS II BUIL	400 FOURTH ST ANN ARBOR, MI 48103	0.27 South	+ 6	103
J43	INVENTORY --50000735	U OF M ARGUS BLDG	400 4TH ST ANN ARBOR, MI 48103	0.27 South	+ 6	104
K44	INVENTORY --81000438		220 FELCH STREET , MI	0.30 NNE	+ 6	105
K45	INVENTORY --81000438	ANN ARBOR ART CTR (FORMER STAN	220 FELCH , MI	0.30 NNE	+ 6	106
L46	PART 201 --Interim Response conducted --81000540	EATON CORPORATION	315 SOUTH FIRST STREET ANN ARBOR, MI 48103	0.32 SE	+ 1	107
L47	INVENTORY --81000540	EATON CORPORATION - ANN ARBOR	315 SOUTH FIRST STREET ANN ARBOR, MI 48103	0.32 SE	+ 1	108

### Sites Summary Report

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ANN ARBOR, MI 48103

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Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
48	LUST --Closed --00005725 --Gasoline	UNIVERSITY FUEL MART	300 N MAIN ST ANN ARBOR, MI 48104	0.33 ENE	+ 5	109
M49	INVENTORY		221 FELCH STREET , MI 48103	0.33 NE	- 29	110
M50	LUST --Closed --00036137 --Diesel	DALE KRULL CONST	221 FELCH ST ANN ARBOR, MI 48103	0.33 NE	- 29	111
M51	INVENTORY --81000438	ANN ARBOR ART CENTER (FMR. STD	220 FELCH ST. ANN ARBOR, MI	0.36 NE	- 29	112
M52	LUST --Closed --00020892 --Diesel --Gasoline	C.B DEVELOPMENT	220 FELCH ST ANN ARBOR, MI 48103	0.36 NE	- 29	113
53	LUST --Closed --00010245	BEAKES STREET SERVICE STATION	101 BEAKES ST ANN ARBOR, MI 48104	0.36 ENE	- 7	114
N54	INVENTORY --81000594		314 SOUTH FORTH AVENUE , MI 48104	0.39 ESE	+ 23	115
55	LUST --Closed --00005811 --Unknown --Gasoline	MAIN STREET CONVENIENCE INC.	402 S MAIN ST ANN ARBOR, MI 48104	0.39 SE	+ 17	116
N56	INVENTORY --81000594		314 SOUTH FOURTH AVENUE , MI 48104	0.40 ESE	+ 24	117
N57	INVENTORY --81000594	314 SOUTH FOURTH STREET	314 SOUTH FOURTH AVENUE ANN ARBOR, MI 48104	0.40 ESE	+ 24	118

### Sites Summary Report

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ANN ARBOR, MI 48103

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Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
O58	LUST --Closed --00012808 --Diesel	CITY OF ANN ARBOR FIRE DEPT	111 N 5TH AVE ANN ARBOR, MI 48104	0.43 East	+ 28	119
P59	INVENTORY --00040666	DE LONG BBQ PIT	314 DETROIT ST ANN ARBOR, MI 48104	0.44 ENE	+ 14	120
P59	LUST --Closed --00040666 --Other	DE LONG BBQ PIT	314 DETROIT ST ANN ARBOR, MI 48104	0.44 ENE	+ 14	121
P60	INVENTORY		314 DETROIT ST , MI 48104	0.44 ENE	+ 14	122
O61	LUST --Closed --00010246 --Diesel	ANN ARBOR COMPOST AREA	100 N 5TH AVE ANN ARBOR, MI 48104	0.44 East	+ 28	123
O62	LUST --Closed --00035726	COMERICA BANK	300 E HURON ST ANN ARBOR, MI 48104	0.45 East	+ 31	124
O63	LUST --Closed --00033752 --Unknown,Unknown	MAIN STREET GAS STATION	428 S MAIN ST ANN ARBOR, MI 48104	0.45 SE	+ 15	125
O64	LUST --Closed --00035696 --Unknown	COMERICA BANK	312 E HURON ST ANN ARBOR, MI 48104	0.46 East	+ 33	126
O65	INVENTORY		502 S MAIN ST , MI 48103	0.47 SE	+ 5	127
R66	INVENTORY --81000600		350 SOUTH FIFTH STREET , MI 48104	0.48 ESE	+ 34	128
R67	INVENTORY --81000600	350 SOUTH FIFTH AVENUE	350 SOUTH FIFTH AVENUE ANN ARBOR, MI 48104	0.48 ESE	+ 34	129

### Sites Summary Report

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ANN ARBOR, MI 48103

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Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
R68	INVENTORY --81000600		350 SOUTH FIFTH AVENUE , MI 48104	0.48 ESE	+ 34	130
69	INVENTORY --81000024		215 BEAKS STREET , MI 48104	0.48 ENE	- 10	131
S70	INVENTORY --81000646	700 NORTH MAIN STREET	700 NORTH MAIN STREET ANN ARBOR, MI	0.49 NE	- 22	132
71	LUST --Closed --00015177	A & L PARTS INC	521 S ASHLEY ST ANN ARBOR, MI 48103	0.49 SSE	+ 0	133
S72	INVENTORY		626 - 724 N MAIN , MI 48103	0.50 NE	- 29	134
73	PART 201 --Evaluation conducted --81000560	ANN ARBOR BEARING & MFG CO	815 WILD ST ANN ARBOR, MI 48103	0.56 NNE	- 10	135
74	PART 201 --Interim Response in progress --81000094	SHEFFIELD PHARMACEUTICALS	912 N MAIN ST ANN ARBOR, MI 48104	0.62 NE	- 41	136
75	PART 201 --Interim Response in progress --81000005	ARMEN CLEANERS	630 S ASHLEY ANN ARBOR, MI 48103	0.64 SSE	+ 9	137
76	PART 201 --Interim Response in progress --81000024	MICH CON BEAKES ST	BEAKES & SUMMIT STS ANN ARBOR, MI 48104	0.65 ENE	- 29	138
77	PART 201 --Evaluation conducted --81000543	H AND K CAMPUS PROPERTIES	212-216 SOUTH STATE STREE ANN ARBOR, MI 48104	0.69 ESE	+ 54	139
78	PART 201 --Interim Response in progress --81000025	MICH CON BROADWAY ST	841 BROADWAY STREET ANN ARBOR, MI 48105	0.73 NE	- 54	140

### Sites Summary Report

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Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
79	PART 201 --Interim Response in progress --81000093	ANN ARBOR ART TRAIN	1100 N MAIN ST ANN ARBOR, MI 48104	0.87 NNE	- 28	141
80	PART 201 --Interim Response in progress --81000064	1943 JACKSON AVENUE	1943 JACKSON AVE ANN ARBOR, MI 48104	0.90 West	+ 106	142

### Sites Summary Report

Target Property: 600 WEST HURON STREET  
ANN ARBOR, MI 48103

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Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	SEMS-ARCHIVE --0503511 --MID981188725	MICHIGAN CONSOLIDATED COAL PLT	BEADES & SUMMIT STS ANN ARBOR, MI 48104	NON GC	N/A	N/A
	PART 201 --Interim Response conducted - No further activities anticipated --81000036	STAEBLER ROAD GW CONTAM	N. STAEBLER RD & JACKSON ANN ARBOR, MI 48103	NON GC	N/A	N/A
	SEMS-ARCHIVE --0503506 --MID981188667	UNIVERSITY OF MICHIGAN LANDFIL	WASHINGTON HEIGHTS ANN ARBOR, MI 48104	NON GC	N/A	N/A

## Database Descriptions

NPL: NPL National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices. NPL - National Priority List Proposed NPL - Proposed National Priority List Sites. NPL LIENS - Federal Superfund Liens.

NPL Delisted: Delisted NPL The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Delisted NPL - National Priority List Deletions

CERCLIS: FEDERAL FACILITY A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities. FEDERAL FACILITY - Federal Facility Site Information listing SEMS - Superfund Enterprise Management System.

NFRAP: SEMS-ARCHIVE SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site. SEMS-ARCHIVE - Superfund Enterprise Management System Archive

RCRA COR ACT: CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

RCRA TSD: RCRA-TSDF RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. RCRA-TSDF - RCRA - Treatment, Storage and Disposal

RCRA GEN: RCRA-LQG RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. RCRA-LQG - RCRA - Large Quantity Generators RCRA-SQG - RCRA - Small Quantity Generators. RCRA-VSQG - RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators).

Federal IC / EC: LUCIS LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties. LUCIS - Land Use Control Information System US ENG CONTROLS - Engineering Controls Sites List. US INST CONTROL - Sites with Institutional Controls.

ERNS: ERNS Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances. ERNS - Emergency Response Notification System

## Database Descriptions

State/Tribal CERCLIS: SHWS This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list. SHWS - This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State/Tribal SWL: SWF/LF Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. SWF/LF - Solid Waste Facilities Database

State/Tribal LTANKS: LUST Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. LUST - Leaking Underground Storage Tank Sites INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R1 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R5 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R10 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R7 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R9 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R6 - Leaking Underground Storage Tanks on Indian Land.

State/Tribal Tanks: FEMA UST A listing of all FEMA owned underground storage tanks. FEMA UST - Underground Storage Tank Listing UST 2 - Underground Storage Tank Listing. UST - Underground Storage Tank Facility List. AST - Aboveground Tanks. INDIAN UST R6 - Underground Storage Tanks on Indian Land. INDIAN UST R1 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - Underground Storage Tanks on Indian Land. INDIAN UST R5 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R8 - Underground Storage Tanks on Indian Land. INDIAN UST R4 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land.

State/Tribal IC / EC: AUL A listing of sites with institutional and/or engineering controls in place. AUL - Engineering and Institutional Controls

State/Tribal VCP: INDIAN VCP R1 INDIAN VCP R7 - Voluntary Cleanup Priority Listing. A listing of voluntary cleanup priority sites located on Indian Land located in Region 1. INDIAN VCP R7 - Voluntary Cleanup Priority Listing

ST/Tribal Brownfields: BROWNFIELDS All state funded Part 201 and 213 sites, as well as LUST sites that have been redeveloped by private entities using the BEA process. Be aware that this is not a list of all of the potential brownfield sites in Michigan. BROWNFIELDS - Brownfields and USTfield Site Database BROWNFIELDS 2 - Brownfields Building and Land Site Locations.

US Brownfields: US BROWNFIELDS Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs. US BROWNFIELDS - A Listing of Brownfields Sites

Other SWF: INDIAN ODI Location of open dumps on Indian land. INDIAN ODI - Report on the Status of Open Dumps on Indian Lands ODI - Open Dump Inventory.

Other Haz Sites: INVENTORY PART 201 - Part 201 Site List. A Part 201 Listed site is a location that has been evaluated and scored by the DEQ using the Part 201 scoring model. The location is or includes a "facility" as defined by Part 201, where there has been a release of a hazardous substance(s) in excess of the Part 201 residential criteria, and/or where corrective actions have not been completed under Part 201 to meet the applicable cleanup criteria for unrestricted residential use. The Part 201 List does not include all of the sites of contamination that are subject to regulation under Part 201 because owners are not required to inform the DEQ about the sites and can pursue cleanup independently. Sites of environmental contamination that are not known to DEQ are not on the list, nor are sites with releases that resulted in low environmental impact. PART 201 - Part 201 Site List PFAS - PFAS Contaminated Sites Listing.

## Database Descriptions

Local Land Records: LIENS An Environmental Lien is a charge, security, or encumbrance upon title to a property to secure the payment of a cost, damage, debt, obligation, or duty arising out of response actions, cleanup, or other remediation of hazardous substances or petroleum products upon a property, including (but not limited to) liens imposed pursuant to CERCLA 42 USC \* 9607(1) and similar state or local laws. In other words: a lien placed upon a property's title due to an environmental condition LIENS - Lien List

Spills: PEAS Environmental pollution emergencies reported to the Department of Environmental Quality such as tanker accidents, pipeline breaks, and release of reportable quantities of hazardous substances. PEAS - Pollution Emergency Alerting System

Other: RCRA NonGen / NLR RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste. RCRA NonGen / NLR - RCRA - Non Generators / No Longer Regulated FEDLAND - Federal and Indian Lands. PRP - Potentially Responsible Parties. RADINFO - Radiation Information Database. BRS - Biennial Reporting System. INDIAN RESERV - Indian Reservations. LEAD SMELTER 1 - Lead Smelter Sites. LEAD SMELTER 2 - Lead Smelter Sites. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS). US AIRS MINOR - Air Facility System Data. AIRS - Permit and Emissions Inventory Data. BEA - Baseline Environmental Assessment Database. LEAD CERT - Lead Safe Housing Registry. MINES MRDS - Mineral Resources Data System.

## Database Sources

NPL: EPA	Updated Quarterly
NPL Delisted: EPA	Updated Quarterly
CERCLIS: Environmental Protection Agency	Varies
NFRAP: EPA	Updated Quarterly
RCRA COR ACT: EPA	Updated Quarterly
RCRA TSD: Environmental Protection Agency	Updated Quarterly
RCRA GEN: Environmental Protection Agency	Updated Quarterly
Federal IC / EC: Department of the Navy	Varies
ERNS: National Response Center, United States Coast Guard	Updated Quarterly
State/Tribal CERCLIS: Department of Environment, Great Lakes, and Energy	No Update Planned
State/Tribal SWL: Department of Environment, Great Lakes, and Energy	Updated Semi-Annually
State/Tribal LTANKS: Department of Environment, Great Lakes, and Energy	Updated Annually
State/Tribal Tanks: FEMA	Varies

**Database Sources**

State/Tribal IC / EC: Department of Environment, Great Lakes, and Energy  
Updated Quarterly

State/Tribal VCP: EPA, Region 1  
Varies

ST/Tribal Brownfields: Department of Environment, Great Lakes, and Energy  
Varies

US Brownfields: Environmental Protection Agency  
Updated Semi-Annually

Other SWF: Environmental Protection Agency  
Varies

Other Haz Sites: Department of Environment, Great Lakes, and Energy  
No Update Planned

Local Land Records: Department of Environment, Great Lakes, and Energy  
Varies

Spills: Department of Environment, Great Lakes, and Energy  
Updated Quarterly

Other: Environmental Protection Agency  
Updated Quarterly

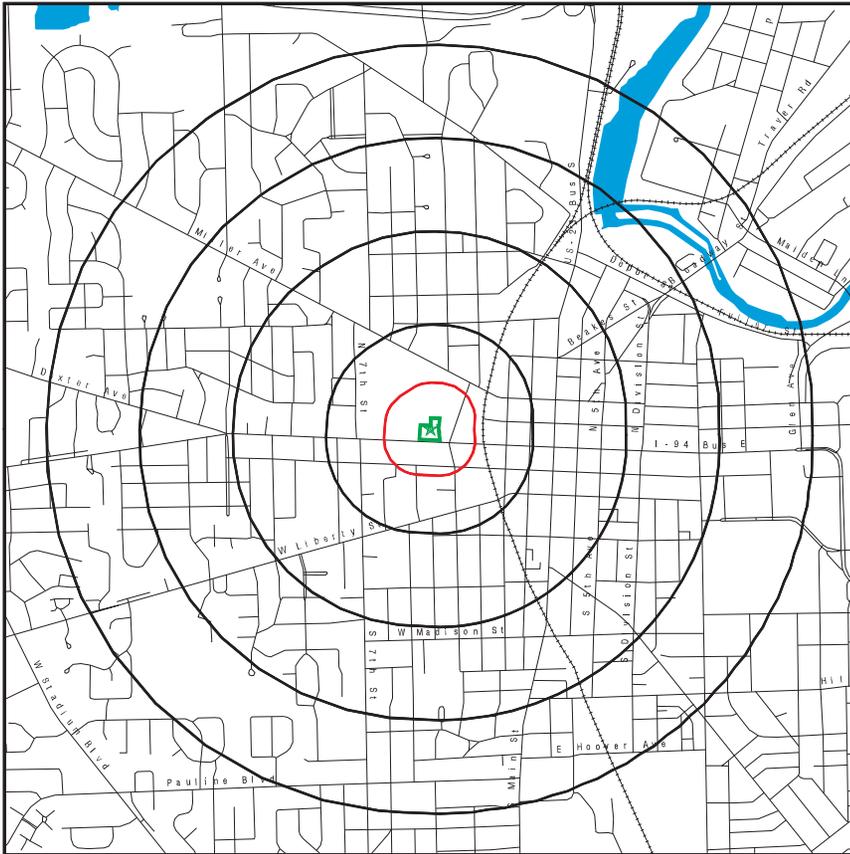
**Street Name Report for Streets near the Target Property**

Target Property: 600 WEST HURON STREET  
ANN ARBOR, MI 48103

JOB: TEAM 2

Street Name	Dist/Dir	Street Name	Dist/Dir
2nd St	0.24 SSE		
3rd St	0.06 ESE		
4th St	0.23 South		
Bath St	0.21 WNW		
Chapin St	0.06 ESE		
Cherry St	0.23 NNE		
Fountain St	0.17 NNE		
I-94 Bus E	0.03 South		
Krause St	0.16 South		
Miller Ave	0.16 NNE		
Miner St	0.23 NNW		
Mulholland Ave	0.13 SW		
Murray Ave	0.10 SSW		
Murray Ct	0.23 SW		
N 1st St	0.20 East		
N 7th St	0.20 West		
Parkview Pl	0.02 ENE		
S 1st St	0.21 East		
S 7th St	0.19 West		
Spring St	0.18 NE		
W Ann St	0.15 ENE		
W Liberty St	0.23 SSE		
W Washington St	0.09 South		
Willow St	0.24 NW		

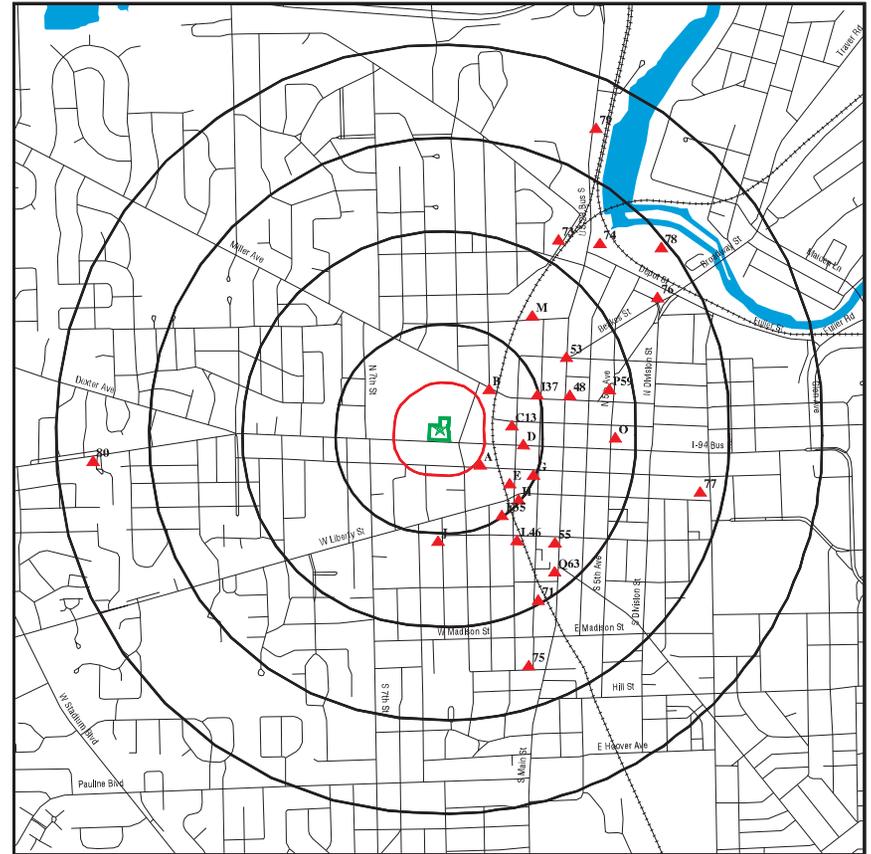
600 WEST HURON STREET ANN ARBOR, MI 48103



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 42.282058 Longitude: 83.75494)
- ▲ Identified Sites
- National Priority List Sites
- ▭ Indian Reservations BIA

600 WEST HURON STREET ANN ARBOR, MI 48103



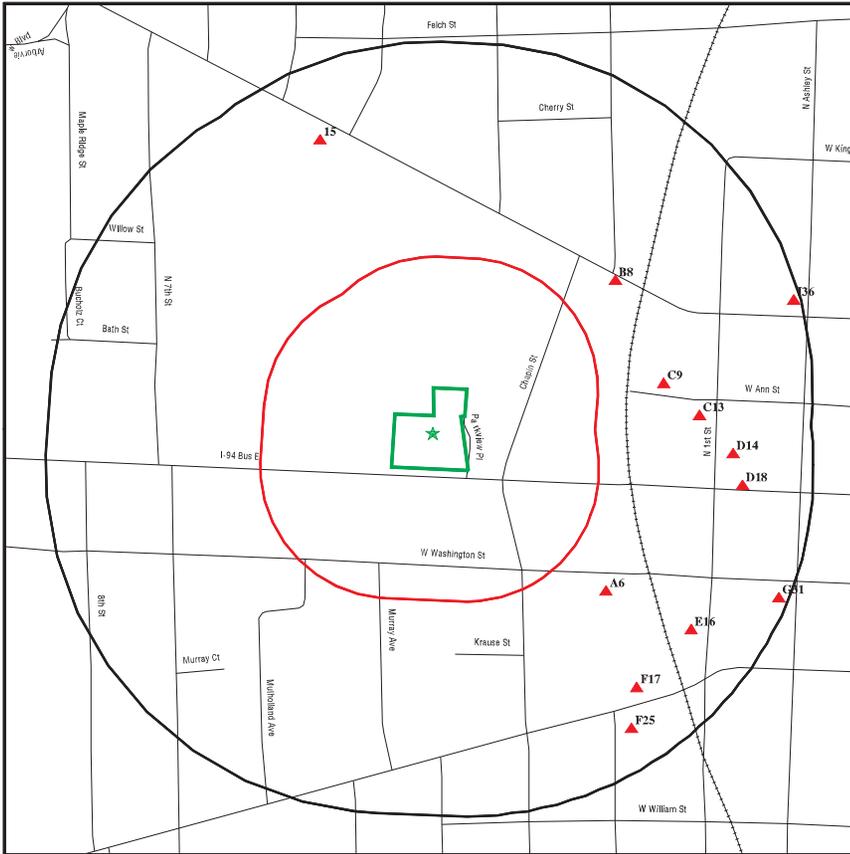
Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 42.282058 Longitude: 83.75494)
- ▲ Identified Sites
- National Priority List Sites
- ▭ Indian Reservations BIA

**Environmental FirstSearch**  
0.25 Mile Radius  
ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS



600 WEST HURON STREET ANN ARBOR, MI 48103



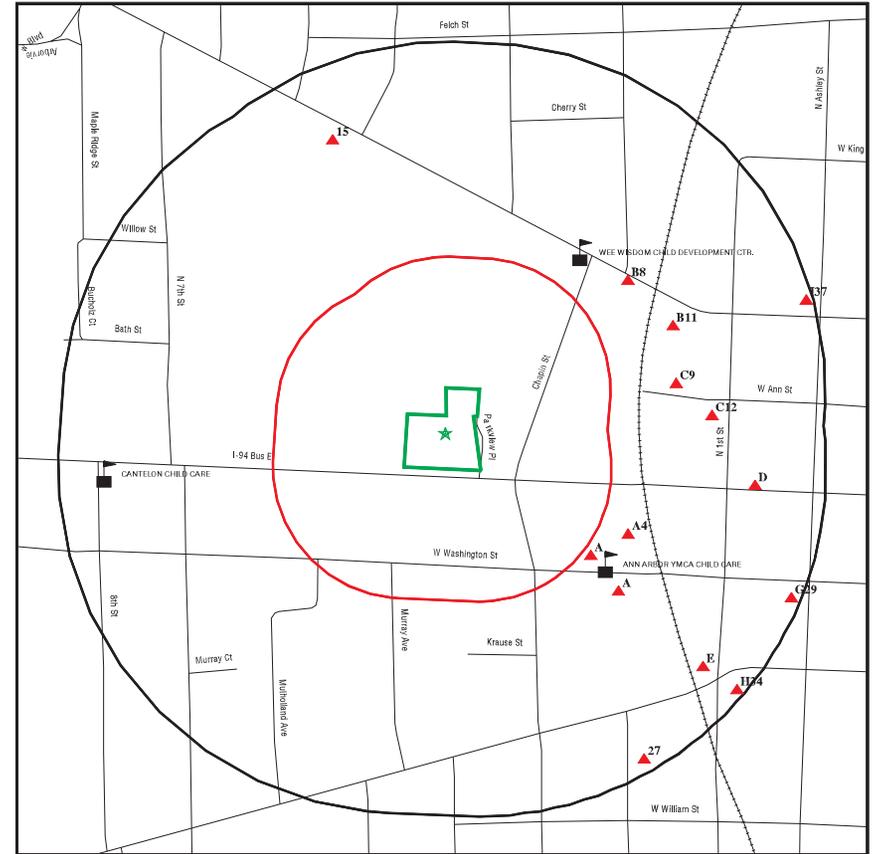
Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 42.282058 Longitude: 83.75494)
- ▲ Identified Sites
- National Priority List Sites
- ▭ Indian Reservations BIA

**Environmental FirstSearch**  
0.25 Mile Radius  
Non ASTM Map, Spills, FINDS



600 WEST HURON STREET ANN ARBOR, MI 48103



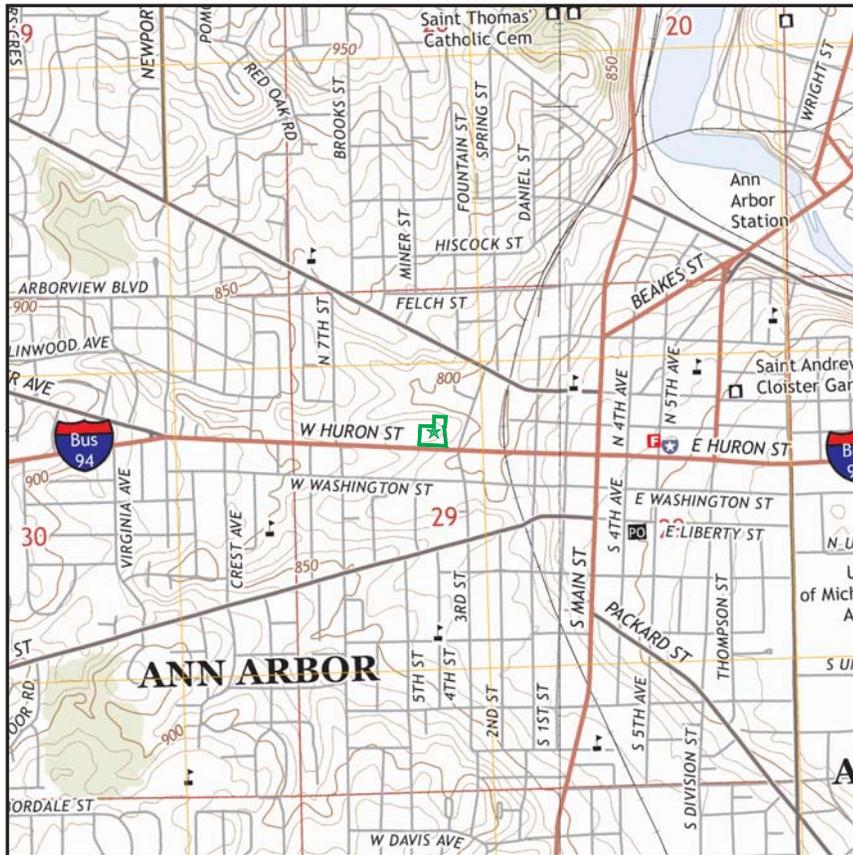
Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

- ★ Target Property (Latitude: 42.282058 Longitude: 83.75494)
- ▲ Identified Sites
- Sensitive Receptors
- National Priority List Sites
- ▭ Indian Reservations BIA

Site location Map  
Topo: 0.75 Mile Radius



600 WEST HURON STREET ANN ARBOR, MI 48103



Map Image Position: TP  
Map Reference Code & Name: 6066248 Ann Arbor West  
Map State(s): MI  
Version Date: 2014  
Map Image Position: NE  
Map Reference Code & Name: 6066246 Ann Arbor East  
Map State(s): MI  
Version Date: 2014



**Appendix F:**  
**Interview Documentation**

## USER QUESTIONNAIRE

<b>SUBJECT PROPERTY NAME:</b>	Lurie Terrace		
<b>SUBJECT PROPERTY ADDRESS:</b>	600 W Huron, Ann Arbor MI 48104		
<b>QUESTION</b>	<b>YES</b>	<b>NO</b>	<b>UNK</b>
1. Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?		X	
2. Did a search of recorded land title records (or judicial records where appropriate) identify any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?		X	
3. Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?		X	
4. Are you aware of any pending, threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products, in, on or from the subject property?		X	
5. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?		X	
6. Do you know the past uses of the property?		X	
7. Do you know specific chemicals that are present or once were present at the property?		X	
8. Do you know of spills or other chemical releases that have taken place at the property?		X	
9. Do you know of environmental cleanups that have taken place at the property?		X	
10. Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of releases at the property?		X	
11. Is the property or has the property been used as a gasoline station, motor repair facility, commercial printing, dry cleaners, photo developing, landfill, industrial use, waste treatment or disposal facility?			X
12. Are you aware of fill dirt that has been brought onto the subject property that originated from a contaminated site or that is of an unknown origin?		X	
13. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the subject property?		X	
14. Are there existing or proposed stationary tanks containing explosive or fire-prone materials of 100 gallons or larger on the site or nearby the site?		X	
15. Are there monitoring wells at the subject property?			X
16a. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?		X	
16b. If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?		X	
17. Has a title search been performed? If yes, please attach.	X		
18. What type of property transaction is being performed? i.e. sale, purchase, transfer, refinance?	purchase		
19. If you are also the current landowner, in what year did you purchase the subject property?	n/a		
<b>Please return to D3G: fax 804-358-3003 or mail it to 201 Wylderose Drive, Midlothian, VA 23113</b>			
Jennifer Hall	<i>Jennifer Hall</i>	03/10/2020	
<b>PRINT NAME</b>	<b>SIGNATURE</b>	<b>DATE</b>	
Executive Director, Ann Arbor Housing Commission	0 years - new purchase		
<b>TITLE/COMPANY</b>	<b>YEARS WITH PROPERTY</b>		





*First American*

# Commitment

## Commitment for Title Insurance

ISSUED BY

### **First American Title Insurance Company**

300 East Long Lake Road, Suite 300, Bloomfield Hills, Michigan, 48304,  
(248)540-4102, mi.bloomfield@firstam.com

**File No. 877047**

### **COMMITMENT FOR TITLE INSURANCE**

**Issued By**

### ***FIRST AMERICAN TITLE INSURANCE COMPANY***

### **NOTICE**

**IMPORTANT-READ CAREFULLY:** THIS COMMITMENT IS AN OFFER TO ISSUE ONE OR MORE TITLE INSURANCE POLICIES. ALL CLAIMS OR REMEDIES SOUGHT AGAINST THE COMPANY INVOLVING THE CONTENT OF THIS COMMITMENT OR THE POLICY MUST BE BASED SOLELY IN CONTRACT.

THIS COMMITMENT IS NOT AN ABSTRACT OF TITLE, REPORT OF THE CONDITION OF TITLE, LEGAL OPINION, OPINION OF TITLE, OR OTHER REPRESENTATION OF THE STATUS OF TITLE. THE PROCEDURES USED BY THE COMPANY TO DETERMINE INSURABILITY OF THE TITLE, INCLUDING ANY SEARCH AND EXAMINATION, ARE PROPRIETARY TO THE COMPANY, WERE PERFORMED SOLELY FOR THE BENEFIT OF THE COMPANY, AND CREATE NO EXTRACTIONAL LIABILITY TO ANY PERSON, INCLUDING A PROPOSED INSURED.

THE COMPANY'S OBLIGATION UNDER THIS COMMITMENT IS TO ISSUE A POLICY TO A PROPOSED INSURED IDENTIFIED IN SCHEDULE A IN ACCORDANCE WITH THE TERMS AND PROVISIONS OF THIS COMMITMENT. THE COMPANY HAS NO LIABILITY OR OBLIGATION INVOLVING THE CONTENT OF THIS COMMITMENT TO ANY OTHER PERSON.

### **COMMITMENT TO ISSUE POLICY**

Subject to the Notice; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and the Commitment Conditions, ***First American Title Insurance Company***, a Nebraska Corporation (the "Company"), commits to issue the Policy according to the terms and provisions of this Commitment. This Commitment is effective as of the Commitment Date shown in Schedule A for each Policy described in Schedule A, only when the Company has entered in Schedule A both the specified dollar amount as the Proposed Policy Amount and the name of the Proposed Insured.

If all of the Schedule B, Part I-Requirements have not been met within six months after the Commitment Date, this Commitment terminates and the Company's liability and obligation end.

### ***First American Title Insurance Company***

Dennis J. Gilmore  
President

Jeffrey S. Robinson  
Secretary

**If this jacket was created electronically, it constitutes an original document.**

*This page is only a part of a 2016 ALTA® Commitment for Title Insurance issued by First American Title Insurance Company. This Commitment is not valid without the Notice; the Commitment to Issue Policy; the Commitment Conditions; Schedule A; Schedule B, Part I-Requirements; Schedule B, Part II-Exceptions; and a counter-signature by the Company or its issuing agent that may be in electronic form.*

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## COMMITMENT CONDITIONS

### 1. DEFINITIONS

- (a) "Knowledge" or "Known": Actual or imputed knowledge, but not constructive notice imparted by the Public Records.
- (b) "Land": The land described in Schedule A and affixed improvements that by law constitute real property. The term "Land" does not include any property beyond the lines of the area described in Schedule A, nor any right, title, interest, estate, or easement in abutting streets, roads, avenues, alleys, lanes, ways, or waterways, but this does not modify or limit the extent that a right of access to and from the Land is to be insured by the Policy.
- (c) "Mortgage": A mortgage, deed of trust, or other security instrument, including one evidenced by electronic means authorized by law.
- (d) "Policy": Each contract of title insurance, in a form adopted by the American Land Title Association, issued or to be issued by the Company pursuant to this Commitment.
- (e) "Proposed Insured": Each person identified in Schedule A as the Proposed Insured of each Policy to be issued pursuant to this Commitment.
- (f) "Proposed Policy Amount": Each dollar amount specified in Schedule A as the Proposed Policy Amount of each Policy to be issued pursuant to this Commitment.
- (g) "Public Records": Records established under state statutes at the Commitment Date for the purpose of imparting constructive notice of matters relating to real property to purchasers for value and without Knowledge.
- (h) "Title": The estate or interest described in Schedule A.

2. If all of the Schedule B, Part I—Requirements have not been met within the time period specified in the Commitment to Issue Policy, this Commitment terminates and the Company's liability and obligation end.

3. The Company's liability and obligation is limited by and this Commitment is not valid without:

- (a) the Notice;
- (b) the Commitment to Issue Policy;
- (c) the Commitment Conditions;
- (d) Schedule A;
- (e) Schedule B, Part I—Requirements;
- (f) Schedule B, Part II—Exceptions

### 4. COMPANY'S RIGHT TO AMEND

The Company may amend this Commitment at any time. If the Company amends this Commitment to add a defect, lien, encumbrance, adverse claim, or other matter recorded in the Public Records prior to the Commitment Date, any liability of the Company is limited by Commitment Condition 5. The Company shall not be liable for any other amendment to this Commitment.

### 5. LIMITATIONS OF LIABILITY

- (a) The Company's liability under Commitment Condition 4 is limited to the Proposed Insured's actual expense incurred in the interval between the Company's delivery to the Proposed Insured of the Commitment and the delivery of the amended Commitment, resulting from the Proposed Insured's good faith reliance to:
  - (i) comply with the Schedule B, Part I—Requirements;
  - (ii) eliminate, with the Company's written consent, any Schedule B, Part II—Exceptions; or
  - (iii) acquire the Title or create the Mortgage covered by this Commitment.
- (b) The Company shall not be liable under Commitment Condition 5(a) if the Proposed Insured requested the amendment or had Knowledge of the matter and did not notify the Company about it in writing.
- (c) The Company will only have liability under Commitment Condition 4 if the Proposed Insured would not have incurred the expense had the Commitment included the added matter when the Commitment was first delivered to the Proposed Insured.
- (d) The Company's liability shall not exceed the lesser of the Proposed Insured's actual expense incurred in good faith and described in Commitment Conditions 5(a)(i) through 5(a)(iii) or the Proposed Policy Amount.
- (e) The Company shall not be liable for the content of the Transaction Identification Data, if any.
- (f) In no event shall the Company be obligated to issue the Policy referred to in this Commitment unless all of the Schedule B, Part I—Requirements have been met to the satisfaction of the Company.
- (g) In any event, the Company's liability is limited by the terms and provisions of the Policy.

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**6. LIABILITY OF THE COMPANY MUST BE BASED ON THIS COMMITMENT**

- (a) Only a Proposed Insured identified in Schedule A, and no other person, may make a claim under this Commitment.
- (b) Any claim must be based in contract and must be restricted solely to the terms and provisions of this Commitment.
- (c) Until the Policy is issued, this Commitment, as last revised, is the exclusive and entire agreement between the parties with respect to the subject matter of this Commitment and supersedes all prior commitment negotiations, representations, and proposals of any kind, whether written or oral, express or implied, relating to the subject matter of this Commitment.
- (d) The deletion or modification of any Schedule B, Part II—Exception does not constitute an agreement or obligation to provide coverage beyond the terms and provisions of this Commitment or the Policy.
- (e) Any amendment or endorsement to this Commitment must be in writing and authenticated by a person authorized by the Company.
- (f) When the Policy is issued, all liability and obligation under this Commitment will end and the Company's only liability will be under the Policy.

**7. IF THIS COMMITMENT HAS BEEN ISSUED BY AN ISSUING AGENT**

The issuing agent is the Company's agent only for the limited purpose of issuing title insurance commitments and policies. The issuing agent is not the Company's agent for the purpose of providing closing or settlement services.

**8. PRO-FORMA POLICY**

The Company may provide, at the request of a Proposed Insured, a pro-forma policy illustrating the coverage that the Company may provide. A pro-forma policy neither reflects the status of Title at the time that the pro-forma policy is delivered to a Proposed Insured, nor is it a commitment to insure.

**9. ARBITRATION**

The Policy contains an arbitration clause. All arbitrable matters when the Proposed Policy Amount is *less than the certain dollar amount set forth in any applicable arbitration clause*, shall be arbitrated at the option of either the Company or the Proposed Insured as the exclusive remedy of the parties. A Proposed Insured may review a copy of the arbitration rules at <http://www.alta.org/arbitration>.

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*First American*

# Schedule A

## ALTA Commitment for Title Insurance

ISSUED BY

**First American Title Insurance Company**

File No: 877047

***Transaction Identification Data for reference only:***

Issuing Agent: First American Title Insurance Company

Issuing Office: 300 East Long Lake Road, Suite 300,  
Bloomfield Hills, MI 48304

Commitment No.: 877047

Issuing Office File No.: 877047

Property Address: 600 W Huron Street, Ann Arbor, MI 48103

Revision:

### **SCHEDULE A**

1. Commitment Date: February 25, 2020 8:00 AM
2. Policy to be issued:
  - (A) ALTA Loan Policy (6-17-06)  
Proposed Insured: To Be Determined and each successor and/or assign that is a successor in ownership of the Indebtedness, except as provided in Section 12(c) of the Conditions.  
Proposed Policy Amount: \$0.00
3. The estate or interest in the Land described or referred to in this Commitment is

#### **Fee Simple**

4. The Title is, at the Commitment Date, vested in:  
  
Senior Citizens Housing of Ann Arbor, Inc., a Michigan non-profit corporation, as to Parcels I and II  
Senior Citizens Housing of Ann Arbor, Incorporated, a Michigan non-profit corporation, as to Parcel III
5. The Land is described as follows:  
See Schedule C attached hereto and made a part hereof

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First American

# Schedule BI & BII

## ALTA Commitment for Title Insurance

ISSUED BY

**First American Title Insurance Company**

File No: 877047

Commitment No.: 877047

### SCHEDULE B, PART I

#### Requirements

All of the following Requirements must be met:

1. The Proposed Insured must notify the Company in writing of the name of any party not referred to in this Commitment who will obtain an interest in the Land or who will make a loan on the Land. The Company may then make additional Requirements or Exceptions.
2. Pay the agreed amount for the estate or interest to be insured.
3. Pay the premiums, fees, and charges for the Policy to the Company.
4. Documents satisfactory to the Company that convey the Title or create the Mortgage to be insured, or both, must be properly authorized, executed, delivered, and recorded in the Public Records.
5. Submit completed Owner's Estoppel/Affidavit/ALTA Statement on the form provided by the Company and signed by or on behalf of all owners.
6. If the Company has been requested to limit the exception for rights of tenants to rights of tenant, as tenants only, the exception will be limited as requested upon submission and review of copies of leases to confirm there are no rights of first refusal or options to purchase contained in any lease or upon submission of such other evidence satisfactory to the company that there are no rights of first refusal or options to purchase in favor of any tenant.
7. Provide evidence of the purchase price and/or the amount of any mortgage to be insured and identify any Proposed insured. Once a Proposed insured has been identified, additional requirements and exceptions may be made.  
This is a preliminary commitment. It is not effective and the Company assumes no liability until Schedule A of commitment is amended to included the name of the Proposed Insured and a proposed Policy Amount greater than \$0.00.
8. Provide First American Title Insurance Company with a satisfactory survey of the land.
9. Discharge(s) of the Mortgage(s) excepted on Schedule B - Section II. In the event any lien to be paid, satisfied and released of record is an Equity Line or Future Advance Mortgage, we require a written payoff request authorized and signed by the Mortgagor to the Lender requesting the payoff amount and instructing the Lender, upon receipt of the request, to freeze the account, make no further advances and to record a Discharge of Mortgage upon receipt of payoff funds. Prior to or at closing, submit an Affidavit by seller attesting that seller has made no withdrawals by check, draft, electronic transfer or otherwise that would increase the balance due since the provision of a payoff amount for the account.

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10. Discharge(s) of Assignment(s) excepted on Schedule B - Section II.
11. Submit a copy of the resolution of the Board of Directors of Senior Citizens Housing of Ann Arbor, Incorporated, authorizing the Mortgage and identifying the individual(s) authorized to execute the proposed Mortgage on behalf of the corporation.
12. Mortgage to be insured.
13. Pay unpaid taxes and assessments unless shown as paid.
14. All Taxes paid to and including 2019  
 2019 Summer Taxes PAID in the amount of \$83,932.46  
 2019 Winter Taxes PAID in the amount of \$7,176.70  
 Tax Item No. 09-09-29-215-060  
 Property Address: 600 W Huron Street, Ann Arbor, MI 48103  
 If any amounts are shown as DUE, the total does not include collection fees, penalties or interest.
15. If the Land is connected to public/community water or sewer, furnish a copy of the current bill to First American Title Insurance Company showing that all charges have been paid to date or the Policy to be issued will include an exception on Schedule B for water and sewer charges which became a lien prior to the Date of Policy.

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## Schedule BI & BII (Cont.)

### ALTA Commitment for Title Insurance

ISSUED BY

**First American Title Insurance Company**

File No: 877047

Commitment No.: 877047

#### SCHEDULE B, PART II

##### Exceptions

THIS COMMITMENT DOES NOT REPUBLISH ANY COVENANT, CONDITION, RESTRICTION, OR LIMITATION CONTAINED IN ANY DOCUMENT REFERRED TO IN THIS COMMITMENT TO THE EXTENT THAT THE SPECIFIC COVENANT, CONDITION, RESTRICTION, OR LIMITATION VIOLATES STATE OR FEDERAL LAW BASED ON RACE, COLOR, RELIGION, SEX, SEXUAL ORIENTATION, GENDER IDENTITY, HANDICAP, FAMILIAL STATUS, OR NATIONAL ORIGIN.

The Policy will not insure against loss or damage resulting from the terms and provisions of any lease or easement identified in Schedule A, and will include the following Exceptions unless cleared to the satisfaction of the Company:

1. Any defect, lien, encumbrance, adverse claim, or other matter that appears for the first time in the Public Records or is created, attaches, or is disclosed between the Commitment Date and the date on which all of the Schedule B, Part I-Requirements are met.
2. Any facts, rights, interests, or claims that are not shown by the Public Records but that could be ascertained by an inspection of the Land or by making inquiry of persons in possession of the Land.
3. Easements, liens or encumbrances, or claims thereof, not shown by the Public Records.
4. Any encroachment, encumbrance, violation, variation, or adverse circumstance affecting the Title including discrepancies, conflicts in boundary lines, shortage in area, or any other facts that would be disclosed by an accurate and complete land survey of the Land, and that are not shown in the Public Records.
5. Any lien or right to lien for services, labor or material imposed by law and not shown by the Public Records.
6. Taxes and assessments not due and payable at Commitment Date.
7. Mortgage in the original amount of \$100,000.00 executed by Senior Citizen Housing of Ann Arbor, Inc., a Michigan non-profit corporation to City of Ann Arbor, dated April 12, 1999, recorded March 29, 2000, in [Liber 3937, page 175](#).

Affects: Parcel III

8. Mortgage in the original amount of \$100,000.00 executed by Senior Citizens Housing of Ann Arbor, Incorporated, a Michigan Non-Profit Corporation to Michigan Commerce Bank, dated November 3, 2009, recorded November 5, 2009, in [Liber 4759, page 231](#).

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Above Mortgage amended by Modification of Mortgage dated October 22, 2015 and recorded November 2, 2015, in [Liber 5122, page 642](#).

9. Mortgage in the original amount of \$2,100,000.00 executed by Senior Citizens Housing of Ann Arbor, Incorporated, a Michigan Non-Profit Corporation to Michigan Commerce Bank, dated December 1, 2011, recorded December 6, 2011, in [Liber 4877, page 194](#).

Affects: Parcel III

10. Assignment of Rents executed by Senior Citizens Housing of Ann Arbor, Incorporated, a Michigan Non-Profit Corporation to Michigan Commerce Bank, dated December 1, 2011, recorded December 6, 2011, in [Liber 4877, page 195](#).

Affects: Parcel III

11. Terms and Conditions contained in Use Agreement as disclosed by instrument recorded in [Liber 4834, page 970](#).
12. Terms and Conditions contained in Grant of Right-of-Way as disclosed by instrument recorded in [Liber 519, page 258](#) and [Liber 521, page 592](#).

Affects: Parcel III

13. Easement for Right of Way as disclosed by [Liber 521, page 633](#).

Affects: Parcel III

14. Any rights, title interest or claim thereof to that portion of the land taken, used or granted for streets, roads or highways.
15. Interest, if any, of the United States, State of Michigan, or any political subdivision thereof, in the oil, gas and minerals in and under and that may be produced from the captioned land.
16. Rights of tenants, if any, under any unrecorded leases.
17. Lien for outstanding water or sewer charges, if any.

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 <p><b>First American</b></p> <p><b>Schedule C</b></p>	<p>ISSUED BY</p> <p><b>First American Title Insurance Company</b></p> <p>File No:877047</p>
---	---

Commitment No.: 877047

Land in the City of Ann Arbor, Washtenaw County, MI, described as follows:

Land in the Northwest 1/4 of Section 29, Town 2 South, Range 6 East, described as follows:

**PARCEL I:**

Commencing at the intersection of the Westerly line of Chapin Street with the centerline of West Huron Street; thence Northeasterly in the prolongation of the Westerly line of Chapin Street 34.52 feet to the intersection of the North line of West Huron Street with the Westerly line of Chapin Street; thence West in the North line of West Huron Street 226.51 feet to an iron pipe; thence North at right angles 198 feet; thence West at right angles 20.16 feet; thence Northerly in a line making a Northeasterly angle of 93-42 degrees with the last course 55.70 feet to an iron pipe for a Place of Beginning; thence North in the same course along the East line of West Park 50 feet to the Southwest corner of land sold to Alfred J. Mayer; thence deflecting 95-31 degrees to the right 123.98 feet to the center line to Park View Place; thence South along the centerline of Park View Place 50.18 feet to the North East Corner of Land sold to Charles E. M. Bailey; thence Westerly along said Baileys North line 119 feet to the Plat of Beginning.

**PARCEL II:**

Commencing at an Iron pipe In the North line of West Huron Street 226.51 feet Westerly from the intersection of the West line of Chapin Street with the North line of Huron Street; thence Northerly at right angles with West Huron Street 198 feet for a Place of Beginning; thence deflecting 90 degrees to the left 20.16 feet; thence deflecting 86-18 degrees to the right 55.7 feet; thence deflecting 94-44 degrees to the right 119 feet; thence deflecting 03-48 degrees to the right 49.15 feet; thence deflecting 96-02 degrees to the right 98.87 feet; thence Southerly perpendicular to Huron Street 3.55 feet to the Plate of Beginning.

**PARCEL III:**

Land in the West half of the Northwest quarter of Section 29, City of Ann Arbor described as follows:  
 Commencing at the intersection of the West line of Chapin Street and the North line of West Huron Street in the City of Ann Arbor, Washtenaw County, Michigan; thence West along the North line of West Huron Street 116.17 feet for a Place of Beginning; thence continuing along the North line of West Huron Street 283.67 feet; thence deflecting 91-14 degrees to the right 197.63 feet; thence deflecting 95-32 degrees to the right 149.43 feet; thence deflecting 93-42 degrees to the left 20.70 feet; thence deflecting 95-32 degrees to the right 101.07 feet; thence 37.11 feet along the arc of a non-tangential circular curve concave to the Northeast, radius 150.6 feet, chord deflecting 67-29-30 degrees to the right from the aforementioned course 37.02 feet; thence deflecting 7-03-30 degrees to the left from the aforementioned chord 26.0 feet; thence 48.81 feet along the arc of a circular curve concave to the West, radius 91.7 feet, chord deflecting 15-15 degrees to the right 48.24 feet; thence deflecting 15-15 degrees to the right from aforementioned chord 110.6 feet to the Place of Beginning, being part of the West half of the Northwest quarter of Section 29, Town 5 South, Range 6 East, City of Ann Arbor, Washtenaw County, Michigan.

**EASEMENT PARCEL:**

A non-exclusive easement for ingress and egress as created, limited and defined in instrument recorded in [Liber 341, page 171](#), [Liber 1029, page 440](#) and [Liber 1029, page 442](#), Washtenaw County Records.

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## Oliver Bonhotel

---

**From:** Hall, Jennifer <JHall@a2gov.org>  
**Sent:** Wednesday, March 18, 2020 6:13 PM  
**To:** Oliver Bonhotel  
**Subject:** RE: Lurie

Our purchase offer is less than the market rate value if sold on the open market. So I put No. If I should change to yes let me know. The appraisal had the market value and a restricted value that we are paying due to our commitment to keep rents restricted

On Mar 18, 2020 2:32 PM, Oliver Bonhotel <o.bonhotel@d3g.com> wrote:  
Quick question Jennifer,

You answered 'No' for question 16a.

Is this correct?

16a. Does the purchase price being paid for this property reasonably reflect the fair market value of the property?		X	
---	--	---	--



**Oliver Bonhotel,**  
Environmental Project Manager, Dominion Due Diligence Group  
**O:** (540) 793-5055 | **F:** (804) 621-2244  
**E:** o.bonhotel@d3g.com  
**A:** 201 Wylderose Drive Midlothian, Va. 23113



This message contains confidential information and is intended only for the intended recipients. If you are not an intended recipient you should not disseminate, distribute or copy this e-mail. Please notify the sender immediately by e-mail if you have received this e-mail by mistake and delete this e-mail from your system. E-mail transmission cannot be guaranteed to be secure or error-free as information could be intercepted, corrupted, lost, destroyed, arrive late or incomplete, or contain viruses. The sender therefore does not accept liability for any errors or omissions in the contents of this message, which arise as a result of e-mail transmission. If verification is required please request a hard-copy version.

Celebrating 25 years of supporting workforce housing development and affordable housing preservation across the country. Click our logo to learn more about the services we offer.

---

**From:** Oliver Bonhotel  
**Sent:** Wednesday, March 18, 2020 8:43 AM  
**To:** 'Hall, Jennifer' <JHall@a2gov.org>  
**Subject:** RE: Lurie

Looks great.

Thank you!

---

**From:** Hall, Jennifer <JHall@a2gov.org>  
**Sent:** Tuesday, March 17, 2020 5:55 PM  
**To:** Oliver Bonhotel <o.bonhotel@d3g.com>  
**Subject:** RE: Lurie

## CURRENT LANDOWNER QUESTIONNAIRE

SUBJECT PROPERTY NAME:		Lurie Terrace		
SUBJECT PROPERTY ADDRESS:		600 W. Huron, Ann Arbor MI 48104		
QUESTION		YES	NO	UNK
1. Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?				✓
2. Did a search of recorded land title records (or judicial records where appropriate) identify any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?				✓
3. Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?			✓	
4. Are you aware of any pending, threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products, in, on or from the subject property?			✓	
5. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?			✓	
6. Do you know the past uses of the property?		✓		
7. Do you know specific chemicals that are present or once were present at the property? <i>NONE</i>			✓	
8. Do you know of spills or other chemical releases that have taken place at the property? <i>NONE</i>			✓	
9. Do you know of environmental cleanups that have taken place at the property?			✓	
10. Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of releases at the property?			✓	
11. Is the property or has the property been used as a gasoline station, motor repair facility, commercial printing, dry cleaners, photo developing, landfill, industrial use, waste treatment or disposal facility?			✓	
12. Are you aware of fill dirt that has been brought onto the subject property that originated from a contaminated site or that is of an unknown origin?			✓	
13. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the subject property?			✓	
14. Are there existing or proposed stationary tanks containing explosive or fire-prone materials of 100 gallons or larger on the site or nearby the site?			✓	
15. Are there monitoring wells at the subject property?			✓	
16. Is the subject property served by a private well and or a private septic system?			✓	
17. What year did you purchase the subject property? <i>1959</i>				
Please return to D3G: fax 804-358-3003 or mail it to 201 Wylderose Drive, Midlothian, VA 23113				
MARY JEAN RAAB		<i>MJ Raab</i>		3-9-2020
PRINT NAME		SIGNATURE		DATE
BOARD PRESIDENT		<i>25 + years</i>		
TITLE/COMPANY		YEARS WITH PROPERTY		



### KEY SITE MANAGER QUESTIONNAIRE

SUBJECT PROPERTY NAME:	Lurie Terrace		
SUBJECT PROPERTY ADDRESS:	600 W Huron, Ann Arbor MI 48104		
QUESTION	YES	NO	UNK
1. Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?			✓
2. Did a search of recorded land title records (or judicial records where appropriate) identify any Activity and Use Limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?			✓
3. Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?		✓	
4. Are you aware of any pending, threatened, or past litigation and/or administrative proceedings relevant to hazardous substances or petroleum products, in, on or from the subject property?		✓	
5. Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?		✓	
6. Do you know the past uses of the property?	✓		
7. Do you know specific chemicals that are present or once were present at the property?		✓	
8. Do you know of spills or other chemical releases that have taken place at the property?		✓	
9. Do you know of environmental cleanups that have taken place at the property?		✓	
10. Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of releases at the property?		✓	
11. Is the property or has the property been used as a gasoline station, motor repair facility, commercial printing, dry cleaners, photo developing, landfill, industrial use, waste treatment or disposal facility?		✓	
12. Are you aware of fill dirt that has been brought onto the subject property that originated from a contaminated site or that is of an unknown origin?		✓	
13. Are there currently, or to the best of your knowledge have there been previously, any registered or unregistered storage tanks (above or underground) located on the subject property?		✓	
14. Are there existing or proposed stationary tanks containing explosive or fire-prone materials of 100 gallons or larger on the site or nearby the site?		✓	
15. Are there monitoring wells at the subject property?		✓	
16. Is the subject property served by a private well and or a private septic system?		✓	
Please return to D3G: fax 804-358-3003 or mail it to 201 Wyderose Drive, Midlothian, Virginia 23113			
MARY JEAN RAAB	<i>MJ Raab</i>	3-9-2020	
PRINT NAME	SIGNATURE	DATE	
KEY SITE PERSON	25+ years		
TITLE/COMPANY	YEARS WITH PROPERTY		



## Oliver Bonhotel

---

**From:** Hall, Jennifer <JHall@a2gov.org>  
**Sent:** Wednesday, March 11, 2020 12:19 PM  
**To:** Aimee R. Gibbs; Oliver Bonhotel  
**Subject:** RE: EXTERNAL: RE: fax-2020-03-10-154443.pdf

Hi Oliver, sorry I have not gotten to that yet. I will do it today or tonight and send it back to you

---

**From:** Aimee R. Gibbs <AGibbs@dickinson-wright.com>  
**Sent:** Tuesday, March 10, 2020 4:35 PM  
**To:** Oliver Bonhotel <o.bonhotel@d3g.com>  
**Cc:** Hall, Jennifer <JHall@a2gov.org>  
**Subject:** RE: EXTERNAL: RE: fax-2020-03-10-154443.pdf

Hi Oliver,

I've copied Jennifer Hall, as the City of Ann Arbor would need to complete the third "User" form.

Regarding No. 6, the client knows the past uses of the property – it was vacant field not used prior to the construction of the Lurie Terrace apartment building specifically for the use of affordable housing for older adults.

Hope that helps.

Thanks,  
Aimee

### Aimee R. Gibbs Member

350 S. Main Street  
Suite 300  
Ann Arbor MI 48104

Phone 734-623-1653  
Fax 844-670-6009  
Email [AGibbs@dickinsonwright.com](mailto:AGibbs@dickinsonwright.com)

[Profile](#) [V-Card](#)

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**DICKINSON WRIGHT** PLLC

ARIZONA CALIFORNIA FLORIDA KENTUCKY MICHIGAN NEVADA OHIO  
TENNESSEE TEXAS WASHINGTON D.C. TORONTO

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**From:** Oliver Bonhotel <[o.bonhotel@d3g.com](mailto:o.bonhotel@d3g.com)>  
**Sent:** Tuesday, March 10, 2020 4:27 PM  
**To:** Aimee R. Gibbs <[AGibbs@dickinson-wright.com](mailto:AGibbs@dickinson-wright.com)>  
**Subject:** EXTERNAL: RE: fax-2020-03-10-154443.pdf

Good afternoon Aimee,

Assuming the property is being purchased I will still need the User Questionnaire completed by the purchasing party. Additionally, could you have Mary Jean Raab explain her 'yes' answer to question 6?

Thank you!



## CITY OF ANN ARBOR, MICHIGAN

301 E. Huron Street, P.O. Box 8647, Ann Arbor, Michigan 48107-8647

Phone (734)794-6140 Fax (734)994-8296

[www.a2gov.org](http://www.a2gov.org)

City Clerk

April 27, 2020

Jane Goins  
201 Wylderose Drive  
Midlothian, Virginia 23113  
Via Email: [j.goins@d3g.com](mailto:j.goins@d3g.com)

Subject: Freedom of Information Act Request received April 21, 2020  
2702 Goins

Dear Jane Goins:

I am responding to your attached request under the Michigan Freedom of Information Act received April 21, 2020. Your request is denied to the extent that the records do not exist.

If you receive written notice that all or a portion of your request has been denied, then under Sec. 10 of the Freedom of Information Act (FOIA) and Sec. 16 of the City's FOIA Procedures and Guidelines you may, at your option, either 1) submit to the City Administrator, within 180 days of the date of this response, a written appeal that specifically states the word "appeal" and identifies the reason(s) for reversal of the denial; or 2) commence a civil action in the Washtenaw County Circuit Court to compel the City's disclosure of the record. If, after judicial review, the circuit court determines that the City has not complied with the Act and orders disclosure of all or a portion of a public record, you may be awarded reasonable attorney's fees and damages as specified under the FOIA.

The City's FOIA Procedures and Guidelines and Written Public Summary are available online at [www.a2gov.org/FOIA](http://www.a2gov.org/FOIA).

If you have any questions concerning this response, please contact Jennifer Alexa, Deputy Clerk, at 734-794-6140.

Sincerely,

Jacqueline Beaudry  
City Clerk

# FOIA Request - 2702 - Goins

Lurie Terrace Apartments, 600 West Huron Street and 3 Parkview Place, Ann Arbor, MI 48103  
Fire Information Request -

I am requesting the most recent fire inspection report, any open fire code violations, fire department response for HAZMAT spills, and any permits for above/underground storage tanks.

– IF THERE ARE NO AST/UST – THIS NEXT QUESTION DOES NOT APPLY -

Are there any current or recent (within the past year) permits issued for thermal/explosive hazards (aboveground storage tanks > 100 gallons) located within a one (1) mile radius of the subject property?

\*If yes, please attach a copy of all available information\*

\*\* Please confirm if there are any records of open fire code violations\*\*



**Fire Contact:** Fire Official

**From:** LeYonda Stewart

**Municipality:** City of Ann Arbor

**Department:** Fire Department

**Phone:** 734-794-6978

**Fax:** email

**Pages:** 2

**Date:** February 15, 2020

Urgent    For Review    Please Comment    Please Reply    Please Recycle

To meet the financing requirements of the loan program, Dominion Due Diligence Group is requesting your assistance on behalf of:

ORIX Real Estate Capital, LLC - Red Mortgage  
10 West Broad Street 8th Floor  
Columbus, OH 43215

This information is **required** for the HUD re-financing report for the following property:

Lurie Terrace Apartments  
600 West Huron Street and 3 Parkview Place  
Ann Arbor, MI 48103

**Please email completed letter to my attention at [l.stewart@d3g.com](mailto:l.stewart@d3g.com)**

If unable to send via email, please fax to me at 804-588-5758 before mailing a hard copy to my attention.

Thank you for your time,

LeYonda Stewart  
Compliance Administrator  
804-665-2742 (p)

**COMPLIANCE REQUEST:  
Fire and Code Enforcement Verifications**

**Date:** February 15, 2020

**Completed By:** Name & Title: \_\_\_\_\_  
Department: \_\_\_\_\_  
Direct Contact Info: \_\_\_\_\_

**Re:** Property: Lurie Terrace Apartments  
Address: 600 West Huron Street and 3 Parkview Place  
City, State & Zip: Ann Arbor, MI 48103

**Requestor:** ORIX Real Estate Capital, LLC - Red Mortgage  
10 West Broad Street 8th Floor  
Columbus, OH 43215

Dominion Due Diligence Group is requesting your assistance on behalf of the above referenced requestor. Please confirm whether the above noted subject property has any known outstanding fire code violations.

1. To the best of our knowledge, the property is free of any applicable code violations.

Yes                       No      Reason: \_\_\_\_\_

2. **Last Inspection Date:** \_\_\_\_\_

If available, attach the inspection report. Please list the frequency in which inspections are required. If no inspections are required, please list municipality's policy:

\_\_\_\_\_

3. Are any permits available for former or current underground storage tanks?

Yes      If yes, please attach all related information.

No      If no, can you provide a department to contact for additional information.

4. Has the fire department responded to any hazmat spills at the property?

Yes      If yes, please attach all related information.

No      If no, can you provide a department to contact for additional information.

5. Are there any current or recent (within the past year) permits issued for thermal/explosive hazards (aboveground storage tanks >100 gallons) located within a one (1) mile radius of the subject property?

Yes      If yes, please attach a copy of all available information.                       No

\_\_\_\_\_  
Fire Official Signature

\_\_\_\_\_  
Date



## Search Well & Septic Records

Our OnBase program allows you to search for Washtenaw County well, septic, building inspection, and soil erosion records and permits. These records also typically contain existing site plans.

**For the best results, only enter the street number and click search.** Scroll through the results and find your address. Click on the individual listing to open the file and see the pages of information. Often times, there are several results for a specific property.

### Common codes in the list of results:

ARV - addition review  
BLD - building inspection permit  
ELE - electrical permit  
MEC - mechanical permit  
PLM - plumbing permit  
SEW - sewage/septic permit  
SOI - soil erosion permit  
TOS - Time of Sale well and/or septic inspection  
WEL - well permit

### More information and search examples

If you can't see the search box below, please visit this [page and search:](https://publicaccessonbase.ewashtenaw.org/index-cq.html?CQID=113)  
<https://publicaccessonbase.ewashtenaw.org/index-cq.html?CQID=113>

	English	▼
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Search

---

**Search Type**

All Inspections

**Street #**

600

**Street Name**

West Huron

**Owner Last Name**

**Jurisdiction**

**Parcel ID**

**Contractor Name**

**Permit Number**

Search

Reset

**Results**

No documents found.



## Contact Us

**Health Department**  
555 Towner Street  
Ypsilanti, MI 48198  
Phone: 734-544-6700  
[Email](#)

**Environmental Health**  
705 N Zeeb Road  
Ann Arbor, MI 48103  
Phone: 734-222-3800  
[Email](#)

**Dental Clinic**  
111 N Huron Street  
Ypsilanti, MI 48197  
Phone: 734-480-4250  
Register: 877-313-6232

## Helpful Links

[About the Health Department Applications, Forms & Fees](#)  
[Hours & Locations](#)  
[Jobs & Internships](#)

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# Search Well & Septic Records

Our OnBase program allows you to search for Washtenaw County well, septic, building inspection, and soil erosion records and permits. These records also typically contain existing site plans.

**For the best results, only enter the street number and click search.** Scroll through the results and find your address. Click on the individual listing to open the file and see the pages of information. Often times, there are several results for a specific property.

## Common codes in the list of results:

- ARV - addition review
- BLD - building inspection permit
- ELE - electrical permit
- MEC - mechanical permit
- PLM - plumbing permit
- SEW - sewage/septic permit
- SOI - soil erosion permit
- TOS - Time of Sale well and/or septic inspection
- WEL - well permit

## [More information and search examples](#)

If you can't see the search box below, please visit this [page and search](#):  
<https://publicaccessonbase.ewashtenaw.org/index-cq.html?CQID=113>

	English	▼
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Search

---

**Search Type**

All Inspections

**Street #**

3

**Street Name**

Parkview

**Owner Last Name**

**Jurisdiction**

**Parcel ID**

**Contractor Name**

**Permit Number**

Search

Reset

**Results**

---

No documents found.



## Contact Us

### **Health Department**

555 Towner Street  
Ypsilanti, MI 48198  
Phone: 734-544-6700

[Email](#)

### **Environmental Health**

705 N Zeeb Road  
Ann Arbor, MI 48103  
Phone: 734-222-3800

[Email](#)

### **Dental Clinic**

111 N Huron Street  
Ypsilanti, MI 48197  
Phone: 734-480-4250  
Register: 877-313-6232

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To: Washtenaw County  
Attn: Environmental Health and Inspections Permit  
Date: February 15, 2020  
Re: Lurie Terrace Apartments  
600 West Huron Street and 3 Parkview Place  
Ann Arbor, MI 48103

As part of the real estate screening that we are performing at the above-listed property, I am requesting assistance to locate any environmental-related permits and information associated with the property.

Please answer the following questions:

Is any information for former or current wells or septic tanks available for the property?

- Yes If yes, please attach all related information  
 No

Are there any known Regional Health issues associated with this property?

- Yes If yes, please attach all related information  
 No

Comments:

---

---

---

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name, Title

Thank you for your time and effort in completing the above request for information. If any more information is needed from our company in regards to the screening that we are performing on the above property please contact me at **(804) 665-2742**. I will follow up directly due to the timeliness of need for this information. Please fax this form and any additional information to me at **(804) 588-5758**.

Thanks for your time,

A handwritten signature in cursive script that reads 'LeYonda Stewart'.

LeYonda Stewart  
Compliance Administrator  
[l.stewart@d3g.com](mailto:l.stewart@d3g.com)

## **Appendix G:**

# **Special Contractual Conditions Between User and Environmental Professional**



There are no special contractual conditions between the User and Environmental Professional:

D3G has no financial interest or family relationship with the officers, directors, stockholders or partners of the Borrower, the general contractor, any subcontractors, the buyer or seller of the proposed property or engage in any business that might present a conflict of interest.

D3G is employed under contract for this specific assignment and has no other side deals, agreements, or financial considerations with the Lender or others in connection with this transaction.

## **Appendix H:**

# **Qualifications of the Environmental Professionals**

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# JOSHUA PADGETT, BPI MFBA

ENGINEERING PROJECT MANAGER



## EDUCATION

North Carolina State University, B.S. Architecture, May 2010

## CERTIFICATIONS/REGISTRATIONS/TRAINING

Building Performance Institute (BPI) Certified Multifamily Building Analyst Professional (MFBA)

Multi-Family Property Inspection Training (D3G Internal Training)

Principles of Environmental Site Assessments (D3G Internal Training)

## SUMMARY OF EXPERIENCE

Joshua Padgett is an Engineering Project Manager for Dominion Due Diligence Group. He is responsible for conducting and preparing Property Condition Reports, Project Capital Needs Assessments, and Phase I Environmental Site Assessments throughout the United States. Prior to joining Dominion Due Diligence Group in 2017 Joshua worked as an Architectural Consultant traveling across the United States for Kangaroo Express Gas Stations and Dicks Sporting Goods where he surveyed, verified and produced existing building drawings. Joshua has also worked for Wiley|Wilson, a multidisciplinary engineering firm as an Architectural Designer/Drafter and taught Technical Drawing, Architectural Design and Engineering Graphics as an Adjunct Professor at Central Virginia Community College. The following sites are examples of projects in which Joshua has participated:

### HUD MAP 223 (f)

- Winston Square Apartments - San Antonio, TX
- Veracruz Apartments - Forest Park, GA
- Kingston Garden Apartments - Macon, GA
- Potomac Station Apartments - Leesburg, VA
- Arbor Gates Apartments - Fairhope, AL
- Ashley Gates Apartments - Daphne, AL
- Fairways Apartments - Fitchburg, WI
- Parkview Manor and Parkview Garden Apartments - Quincy, FL
- Wingler House East - Ashburn, VA
- Bluewater Townhouses and Apartments - Port Huron, MI
- Kings Gate West Apartments - Camillus, NY
- Lower East Side II - New York, NY
- South Colony II - Saginaw, MI
- Windsor Apartments - Wilmington, DE
- Gateway Village Apartments - Simpsonville, SC
- Quaker Meadows - Lynn, MA
- Manayunk Garden Apartments - Philadelphia, PA
- City Market Lofts - Lynchburg, VA
- Cielo Azul Apartment Homes - Irving, TX
- Himelhoch Apartments - Detroit, MI
- Sunny View II Family Apartments - Delano, CA
- Longfellow Commons Apartments - Portland, ME
- Carleton Court Apartments - Portland, ME
- Executive House Apartments - Lansdale, PA
- Bay Tree Apartments - Fuquay-Varina, NC

### HUD MAP 10 YEAR

- Kingston Garden Apartments- Macon, GA
- Parkview Terrace Apartments - Lumberton, NC

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# JOSHUA PADGETT, BPI MFBA

ENGINEERING PROJECT MANAGER



## **TAX CREDIT, VHDA**

- Bellefonte Permanent Supervised Apartments – Alexandria, VA

## **TAX CREDIT, DC DHCD**

- Paradise at Parkside Apartments – Washington, DC

## **TAX CREDIT, GA DCA**

- Wild Pines Apartments – Albany, GA

## **FREDDIE MAC**

- Winslow Commons – Saint Paul, MN
- Robbins Landing - Robbinsdale, MN
- Richfield Tower - Richfield, MN

## **FANNIE MAE**

- 1801 L Apartments – Sacramento, CA

## **HUD RAD**

- Betances II – Bronx, NY

## **HUD LEAN 232/223 (f)**

- Crown Point Health Suites – Lubbock, TX
- Timberlyn Heights – Great Barrington, ME

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# OLIVER BONHOTEL

## ENVIRONMENTAL PROJECT MANAGER



### EDUCATION

Virginia Commonwealth University, B.S. Environmental Sciences, May 2016

### CERTIFICATIONS/REGISTRATIONS/TRAINING

HUD Multi-Family Accelerated Processing MAP) Training (D3G Internal Training)

Principles of Environmental Site Assessments - ASTM E 1527-13

HUD Web-based Instructional System for Environmental Reviews (WISER)

OSHA/AHERA Asbestos Awareness Training

OSHA Lead Hazard Communication for Real Estate Professionals Training

24-Hour Lead-Based Paint Inspector Initial Training Course

24-Hour Asbestos Inspector Initial Training Course

### SUMMARY OF EXPERIENCE

Oliver Bonhotel is an Environmental Project Manager for Dominion Due Diligence Group. Mr. Bonhotel is directly responsible for coordinating, conducting and preparing Phase I Environmental Site Assessments (HUD, NEPA, tax credit and ASTM E 1527-13) throughout the United States. Additionally, Mr. Bonhotel is responsible for performance and management of field projects, client contact and comprehensive report writing. The following sites are examples of projects in which Mr. Bonhotel has participated:

#### HUD MAP 221(d)(4) NC

- Proposed Proximity at Matthews – Matthews, NC
- Proposed Worman’s Mill Village Center – Frederick, MD
- Proposed Encore – Royal Oak, MI
- Proposed Union 32 – Phoenix, AZ
- Alcazar Apartment, Phase II – Homestead, FL
- Proposed Mansion at Marine Creek Phase 1 – Fort Worth, TX
- Proposed Village at Riverwatch – Augusta, GA
- Proposed Villas at Titusville – Birmingham, AL
- Proposed Chestnut Place – Quincy, MA

#### HUD MAP 221 (d)(4) SR

- Morreene Road – Durham, NC
- 1200 Emmet Street – Charlottesville, VA
- Maple Place – North Little Rock, AR

#### HUD MAP 223(f)

- Miller Oaks Village – Mauldin, SC
- Sterling Green Village – Channelview, TX
- NCBA Estates of Jackson – Jackson, MS
- Windy Hill Key Apartments – Roanoke, VA
- Harbour Community Apartments – Los Angeles, CA
- Mission Towers Apartments – Haverhill, MA
- Troutdale Terrace – Troutdale,
- Westland Cove Apartments – West Valley City, UT
- Mt. Pleasant Apartments – Somerville, MA
- Bradford at Brookside – Livingston, TX Village
- Greenville Summit – Greenville, SC
- Irmo Village Apartments – Irmo, SC

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# OLIVER BONHOTEL

ENVIRONMENTAL PROJECT MANAGER



## **HUD LEAN 232(f)**

- Memory Haven Sumner – Sumner, WA
- The Meadows of Bentonville – Bentonville, AR
- Village at Geer Woods – Canaan, CT
- Hunters Creek Nursing & Rehabilitation Center – Orlando, FL
- Vintage on the Ponds – Delavan, WI
- Solera at West Houston – Houston, TX
- Lakeview Rehabilitation & Care Center – Wayne, NJ
- Workmen’s Circle Multicare Center – Bronx, NY
- Oakmont Center for Nursing and Rehabilitation – Oakmont, PA

## **ASTM/AAI COMPLIANT**

- 1233 Cedars Court – Charlottesville, VA
- United Network for Organ Sharing – Richmond, VA
- Proposed Lake Margaret – Chesterfield, VA
- George Johnson Homes and Inghram Homes – Texarkana, AR

## **TAX CREDIT**

- Southtown Court – Birmingham, AL
- Southwood Apartments – Morrow, GA
- Proposed Nettles Drive Property – Newport News, VA
- Trevecca Towers II – Nashville, TN
- Anna Dupree – Houston, TX

## **OTHER**

- Lexington Apartments – Memphis, TN (Standard & Poor)
- Sherwood Apartments – Memphis, TN (Standard & Poor)

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# ROSS THOMAS, EP

ENVIRONMENTAL TEAM MANAGER



## EDUCATION

Virginia Polytechnic Institute and State University, B.S. Environmental Science

## CERTIFICATIONS/REGISTRATIONS/TRAINING

HUD Multi-family Accelerated Processing (MAP) Training (D3G Internal Training)

Principles of Environmental Site Assessments- ASTM E 1527

Screening for Potential Vapor Intrusion Problems under the ASTM 2600 Standard HUD

Noise Assessment Training (D3G Internal Training)

EPA/AHERA Asbestos Inspector Initial Training Course

24-Hour Lead-Based Paint Inspector Initial Training Course

16-Hour Lead Risk Assessor Initial Training Course

HUD Part 58 Training Course

## SUMMARY OF EXPERIENCE

Ross Thomas is an Environmental Team Manager for Dominion Due Diligence Group (D3G). Mr. Thomas is directly responsible for coordinating, conducting, preparing and reviewing Phase I Environmental Site Assessments (HUD, State Housing Tax Credit and ASTM E 1527) and HUD Environmental Reviews throughout the United States. Additionally, Mr. Thomas is responsible for performance and management of field projects, client contact and comprehensive report writing. Mr. Thomas qualifies as an Environmental Professional as defined under ASTM E 1527-13 Section 4.3 and Appendix X2 with over seven (7) years of experience performing investigations of surface and subsurface environmental conditions. The following sites are examples of projects in which Mr. Thomas has participated:

## RENTAL ASSISTANCE DEMONSTRATION (RAD)

- Newman Village Apartments – Richmond, VA

## HUD MAP 221 (d)(4) NC

- Proposed McComb Apartments – McComb, MS
- Proposed Arbours at Tumblin Creek – Gainesville, FL
- Proposed Johnson Village Apartments – Charlottesville, VA
- Proposed West Davis Apartments – Dallas, TX
- Proposed Gardens at Harvest Point – Augusta, GA
- Proposed 22 Chapel Street – Brooklyn, NY

## HUD MAP 221 (d)(4) SR

- Park Creek Manor Apartments – Dallas, TX
- The Village of Redford Senior Independent Living – Redford, MI
- The Meadows fka Whitfield (AMPs 1 and 2) – Wilson, NC
- Forrest Road Commons fka Forrest Road and El Ramey – Wilson, NC
- Newberry Park Apartments – Chicago, IL (IHDA)
- Chisolm Trace – San Antonio, TX

## HUD MAP 223(f)

- The Lakes of Greenbrier Apartments – Chesapeake, VA
- Plaza Manor Apartments – Jacksonville, NC
- Oak Creek Village – East Brunswick, NJ
- Brewery Square – New Haven, CT
- Aspen Apartments – Shreveport, LA
- Chemung View Apartments – Athens, PA

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# ROSS THOMAS, EP

ENVIRONMENTAL TEAM MANAGER



## HUD LEAN 232/223f

- Oakdale Heights of Redding – Redding, CA
- The Medford Hamlet Assisted Living – Medford, NY
- Pembroke Health and Rehabilitation – West Chester, PA
- The Medford Hamlet Assisted Living – Medford, NY
- Tarpon Point Health and Rehabilitation Center – Sarasota, FL
- Gables Care Center – Hopedale, OH
- Eskaton Lodge Granite Bay – Granite Bay, CA
- Amber Oaks Assisted Living – Shelbyville, KY
- Chateau De Notre Dame and Wynhoven Health Care Center – New Orleans & Marreo, LA
- Carbondale Rehab and Nursing Center – Carbondale, IL
- Royal Megansett Nursing & Retirement Home – North Falmouth, MA

## HUD MAP 202/223f

- Westhaven Apartments – North Baltimore, OH
- Magnolia Gardens III/Evergreen – Florence, AL

## ASTM

- Village at Stratford – Oklahoma City, OK
- NW Corner of Warrenton Road & Holly Corner Road – Fredericksburg, VA
- Newberry Park Apartments – Chicago, IL
- Proposed Charlottesville Apartments – Charlottesville, VA
- Proposed Channing Philips – Washington, DC (General)
- Proposed 1710 SEminole Trail & Rio Road – Charlottesville, VA
- Shippensburg Health Care Center – Shippensburg, PA
- 7497 Right Flank Road, Unit 510 – Mechanicsville, VA
- Three Willows Apartments – Richmond, VA

## HAZMAT

- Rivermont Apartments – Martinsville, VA (NESHAP Asbestos Inspection)
- Blue Ridge Commons – Charlottesville, VA (NESHAP Asbestos Inspection)

## TAX CREDIT

- Jackson's Landing – South – New Orleans, LA (LHC)
- Village Oaks Apartments – Catonsville, MD (MD DHCD)
- Proposed Hidden Glen Apartments – Salado, TX (TDHCA)
- Proposed Sable Ridge Apartments – Denver, CO (CHFA)
- Creekside Manor – Richmond, VA (VHDA)
- Laurel Hill – Lorton, VA (VHDA)
- Proposed Lakeside Commons – Midlothian, VA (VHDA)
- Oakwood Villa Apartments – Jacksonville, FL (Tax Credit Pilot Program)
- Proposed Andover Park Apartments – Kinston, NC (NCHFA)
- Proposed Heritage Point Apartments – Wilkes-Barre, PA (PHFA)

## OTHER

- North Pointe Apartments – Columbia, SC (Standard & Poor)
- Summerland Heights I – Woodbridge, VA (Freddie Mac)

## **Appendix I:**

# **Certificate of Liability Insurance**



# CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

8/29/2019

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

**IMPORTANT:** If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

<b>PRODUCER</b> Riggs, Counselman, Michaels & Downes, Inc. 4200 Innslake Drive, Suite 303 Glen Allen VA 23060	<b>CONTACT NAME:</b> Marion Caldwell <b>PHONE (A/C, No, Ext):</b> 804-237-5921 <b>E-MAIL ADDRESS:</b> mcaldwell@rcmd.com		<b>FAX (A/C, No):</b> 804-237-5901
	<b>INSURER(S) AFFORDING COVERAGE</b>		<b>NAIC #</b>
<b>INSURED</b> Dominion Environmental Group, Inc dba Dominion Due 201 Wylderose Drive Midlothian VA 23113	<b>INSURER A :</b> Nautilus Insurance Company	17370	
	<b>INSURER B :</b> American Casualty Company of Reading, PA	20427	
	<b>INSURER C :</b> The Cincinnati Insurance Company	10677	
	<b>INSURER D :</b> Continental Casualty Company	20443	
	<b>INSURER E :</b> <b>INSURER F :</b>		

**COVERAGES**

CERTIFICATE NUMBER: 552352627

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input checked="" type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:	Y	Y	ECPO152054119	9/1/2019	9/1/2020	EACH OCCURRENCE \$ 5,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 100,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 5,000,000 PRODUCTS - COMP/OP AGG \$ 5,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS ONLY <input checked="" type="checkbox"/> NON-OWNED AUTOS ONLY	Y	Y	BUA5099549028	9/1/2019	9/1/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> DED <input checked="" type="checkbox"/> RETENTION \$ 0	Y	Y	EXS0503127	9/1/2019	9/1/2020	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
D	<b>WORKERS COMPENSATION AND EMPLOYERS' LIABILITY</b> ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	WC599549045	9/1/2019	9/1/2020	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Professional Liab Contractors Poll Liab			ECPO152054119	9/1/2019	9/1/2020	Each Claim \$5,000,000 Each Pollution Condit \$5,000,000 Aggregate Limit \$5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

General Proof of Insurance

**CERTIFICATE HOLDER****CANCELLATION**
 Dominion Environmental Group Inc  
 201 Wylderose Drive  
 Midlothian VA 23113

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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## **Appendix J:**

# **Limited Asbestos Survey Report**



July 1, 2020

ORIX Real Estate Capital, LLC  
Attn: Mr. Gary Satterfield  
10 West Broad Street, 8<sup>th</sup> Floor  
Columbus, Ohio 43215  
[gary.satterfield@orixrealestatecapital.com](mailto:gary.satterfield@orixrealestatecapital.com)

RE: Lurie Terrace Apartments  
600 West Huron Street and 3 Parkview Place – Ann Arbor, Michigan  
D3G Project #2020-0252  
Limited Asbestos Survey Report

Dear Mr. Satterfield,

Dominion Due Diligence Group (D3G) is pleased to provide the results of the limited asbestos survey conducted at the Lurie Terrace Apartments located at 600 West Huron Street and 3 Parkview Place in Ann Arbor, Washtenaw County, Michigan (subject property). The subject property consists of one (1) eight-story (600 West Huron Street) apartment structure containing 132 apartment units and one (1) two-story (3 Parkview Place) age-restricted apartment structure containing 4 apartment units constructed in 1963 and 1950, respectively. D3G was contracted to perform a limited asbestos survey at the subject property in order to comply with HUD requirements.

Mr. Joseph Laney, a State of Michigan licensed Asbestos Inspector (license #A45331) with Environmental Health & Safety Consultants, LLC, conducted a limited asbestos survey at the subject property on June 15-16, 2020 on behalf of D3G. The survey was conducted in accordance with practices described within the ASTM Standard Practice for Comprehensive Asbestos Building Surveys Designation: E 2356-18 (ASTM E 2356-18) for Baseline Surveys. However, since the inspection was prompted by the fact that the facility is involved in a real estate transaction and is not currently planned for renovation or demolition, the inspection was limited to accessible areas of the facility and is not considered to be in full compliance with pre-renovation standards (40 CFR 61 Subpart M). However, all suspect ACMs were identified during the course of the inspection. Sampled materials included drywall/joint compound/tape, ceiling texture materials, ceiling tiles, and wall plaster. An asbestos-containing material is defined as containing greater than 1% asbestos. Samples were analyzed via Polarized Light Microscopy (PLM). Due to the limitations of PLM analysis, any bulk sample result reported to contain trace (less than or equal to 1%) asbestos, including non-friable organically bound (NOB) materials (i.e. floor tiles, covebase, mastics, roofing materials, caulks) reported as non-detect using visual estimation, should be regarded as inconclusive unless confirmation point count analysis (for trace materials other than NOBs) or Transmission Electron Microscopy (TEM) analysis is performed. A single TEM analysis per

homogenous area is adequate for NOB materials. Point counting and TEM analysis was not included within the scope of work; therefore, all trace and NOB materials are considered to be asbestos-containing materials until confirmation analysis proves otherwise. The following table itemizes the sampled materials and their respective asbestos concentrations:

600 WEST HURON STREET			
SAMPLE NUMBER	SAMPLED MATERIAL	LOCATION	% ASBESTOS
0252-A-01 (Layer 1)	Drywall	Basement Maint Shop	None Detected
<b>0252-A-01 (Layer 2)</b>	<b>Joint Compound</b>	<b>Basement Maint Shop</b>	<b>&lt; 1% chrysotile*</b>
0252-A-02 (Layer 1)	Drywall	Unit 417	None Detected
0252-A-02 (Layer 2)	Drywall Tape	Unit 417	None Detected
<b>0252-A-02 (Layer 3)</b>	<b>Joint Compound</b>	<b>Unit 417</b>	<b>&lt; 1% chrysotile*</b>
0252-A-03 (Layer 1)	Drywall	8th Fl Corridor	None Detected
0252-A-03 (Layer 2)	Drywall Tape	8th Fl Corridor	None Detected
<b>0252-A-03 (Layer 3)</b>	<b>Joint Compound</b>	<b>8th Fl Corridor</b>	<b>&lt; 1% chrysotile*</b>
0252-A-04	2' White Protruded Ceiling Panel	8th Fl Dining	None Detected
0252-A-05	2' White Protruded Ceiling Panel	8th Fl Dining	None Detected
0252-A-06	2' White Protruded Ceiling Panel	8th Fl Dining	None Detected
0252-A-07	2' White Textured Ceiling Panel	1st Fl Lobby	None Detected
0252-A-08	2' White Textured Ceiling Panel	1st Fl Corridor	None Detected
0252-A-09	2' White Textured Ceiling Panel	1st Fl Corridor	None Detected
0252-A-10	2'x4' White Wormed Ceiling Panel	Basement Corridor	None Detected
0252-A-11	2'x4' White Wormed Ceiling Panel	3rd Fl Corridor	None Detected
0252-A-12	2'x4' White Wormed Ceiling Panel	6th Fl Corridor	None Detected
<b>0252-A-13</b>	<b>Popcorn Ceiling Texture</b>	<b>Unit 307</b>	<b>2% chrysotile</b>
<b>0252-A-14</b>	<b>Popcorn Ceiling Texture</b>	<b>Unit 427</b>	<b>2% chrysotile</b>
<b>0252-A-15</b>	<b>Popcorn Ceiling Texture</b>	<b>Unit 705</b>	<b>2% chrysotile</b>
0252-A-16	<b>Popcorn Ceiling Texture</b>	Unit 820	None Detected
<b>0252-A-17</b>	<b>Popcorn Ceiling Texture</b>	<b>Unit 714</b>	<b>2% chrysotile</b>
<b>0252-A-18</b>	<b>Popcorn Ceiling Texture</b>	<b>4th Activities</b>	<b>&lt; 1% chrysotile*</b>
<b>0252-A-19</b>	<b>Popcorn Ceiling Texture</b>	<b>7th Activities</b>	<b>&lt; 1% chrysotile*</b>
0252-A-20	2'x4' White Pinhole Ceiling Panel	Basement Corridor	None Detected
0252-A-21	2'x4' White Pinhole Ceiling Panel	Basement Corridor	None Detected
0252-A-22	2'x4' White Pinhole Ceiling Panel	Basement Corridor	None Detected

\* = assumed to be an ACM until further analyzed via point count or TEM



3 PARKVIEW PLACE			
SAMPLE NUMBER	SAMPLED MATERIAL	LOCATION	% ASBESTOS
0252-B-01 (Layer 1)	Skim Coat (Plaster)	Common Stair	None Detected
0252-B-01 (Layer 2)	Base Coat (Plaster)	Common Stair	None Detected
0252-B-02 (Layer 1)	Skim Coat (Plaster)	Common Stair	None Detected
0252-B-02 (Layer 2)	Base Coat (Plaster)	Common Stair	None Detected
0252-B-03 (Layer 1)	Skim Coat (Plaster) -	Common Stair	None Detected
0252-B-03 (Layer 2)	Base Coat (Plaster)	Common Stair	None Detected
0252-B-04 (Layer 1)	Skim Coat (Plaster)	Common Stair	None Detected
0252-B-04 (Layer 2)	Base Coat (Plaster)	Common Stair	None Detected
0252-B-05 (Layer 1)	Skim Coat (Plaster)	Common Stair	None Detected
0252-B-05 (Layer 2)	Base Coat (Plaster)	Common Stair	None Detected
0252-B-06 (Layer 1)	Skim Coat (Plaster)	Common Stair	None Detected
0252-B-06 (Layer 2)	Base Coat (Plaster)	Common Stair	None Detected
0252-B-07 (Layer 1)	Skim Coat (Plaster)	Common Stair	None Detected
0252-B-07 (Layer 2)	Base Coat (Plaster)	Common Stair	None Detected
0252-B-08 (Layer 1)	Drywall	Common Stair	None Detected
0252-B-08 (Layer 2)	Drywall Tape	Common Stair	None Detected
<b>0252-B-08 (Layer 3)</b>	<b>Joint Compound</b>	<b>Common Stair</b>	<b>2% chrysotile</b>
0252-B-09 (Layer 1)	Drywall	Common Stair	None Detected
0252-B-09 (Layer 2)	Drywall Tape	Common Stair	None Detected
<b>0252-B-09 (Layer 3)</b>	<b>Joint Compound</b>	<b>Common Stair</b>	<b>2% chrysotile</b>
0252-B-10 (Layer 1)	Drywall	Common Stair	None Detected
0252-B-10 (Layer 2)	Drywall Tape	Common Stair	None Detected
<b>0252-B-10 (Layer 3)</b>	<b>Joint Compound</b>	<b>Common Stair</b>	<b>2% chrysotile</b>

The identified and/or presumed asbestos-containing materials are denoted in bold type. In addition, the following materials were observed but not sampled and are considered to be suspect asbestos-containing materials until appropriate sampling proves otherwise: vinyl flooring and covebase materials and associated mastics, carpet mastics, ceramic tile and grout, cinder block and mortar, brick and mortar, caulking/firestop materials, and roofing materials. The joint compound and textured ceiling materials are considered to be non-friable (not able to be crushed via hand pressure) materials in their current intact conditions and are not considered to present a current concern to residents or maintenance staff. The remaining presumed ACMs are considered to be non-friable materials and were observed to be in good physical condition at the time of the site inspection. It should be noted that a comprehensive asbestos inspection was not performed of the facility. Therefore, additional sampling may be warranted prior to future renovation activities. This asbestos survey was nondestructive in nature, therefore, potential ACMs that are concealed inside walls, roofs, and inaccessible areas, were not sampled.

D3G recommends that the identified and presumed asbestos-containing materials be managed under a site-specific Operations and Maintenance (O&M) Program. In addition, compliance with 40 CFR 61 Subpart M is recommended prior to any renovation or demolition activities at the subject property.



The asbestos analytical results, inspector notes and inspector credentials are attached to this letter.

If you have further questions upon review of this letter, please contact me at (804) 237-1882.

Sincerely,

A handwritten signature in blue ink that reads "Kimberly Dingle". The signature is written in a cursive style with a long horizontal stroke at the end.

Kimberly L. Dingle  
Hazardous Materials Manager/Environmental Professional





## PLM Bulk Asbestos Report

Dominion Due Diligence Group  
Attn: Kim Dingledine  
201 Wylderose Drive  
  
Midlothian, VA 23113

**Date Received** 06/18/20    **AmeriSci Job #** 120061771  
**Date Examined** 06/21/20    **P.O. #**  
**Page** 1 of 5  
**RE: 2020-0252 T2; Lurie Terrace Apartments; 600 West Huron Street, Ann Arbor, MI**

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
0252-A-01 <b>Location:</b> Gyp/Tape/Mud; Basement Maint Shop  <b>Analyst Description:</b> Brown/White, Homogeneous, Non-Fibrous, Drywall <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 7 %, Non-fibrous 93 % <b>Comment:</b> No Tape in Sample, Drywall and Joint Compound only.	120061771-01.1	No	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-01 <b>Location:</b> Gyp/Tape/Mud; Basement Maint Shop  <b>Analyst Description:</b> Off White, Homogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> Chrysotile <1. % <b>Other Material:</b> Non-fibrous 100 %	120061771-01.2	Yes	Trace (<1 %) (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-02 <b>Location:</b> Gyp/Tape/Mud; Unit 417  <b>Analyst Description:</b> Brown/White, Homogeneous, Non-Fibrous, Drywall <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 7 %, Non-fibrous 93 %	120061771-02.1	No	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-02 <b>Location:</b> Gyp/Tape/Mud; Unit 417  <b>Analyst Description:</b> Lt. Brown, Homogeneous, Fibrous, Tape <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 95 %, Non-fibrous 5 %	120061771-02.2	No	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-02 <b>Location:</b> Gyp/Tape/Mud; Unit 417  <b>Analyst Description:</b> Off White, Homogeneous, Non-Fibrous, Joint Compound <b>Asbestos Types:</b> Chrysotile <1. % <b>Other Material:</b> Non-fibrous 100 %	120061771-02.3	Yes	Trace (<1 %) (by CVES) by Gordon T. Saleeby on 06/21/20

Client Name: Dominion Due Diligence Group

**PLM Bulk Asbestos Report**2020-0252 T2; Lurie Terrace Apartments; 600 West Huron  
Street, Ann Arbor, MI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
0252-A-03 Location: Gyp/Tape/Mud; 8th Flr Corridor  Analyst Description: Brown/White, Homogeneous, Non-Fibrous, Drywall Asbestos Types: Other Material: Cellulose 7 %, Non-fibrous 93 %	120061771-03.1	No	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-03 Location: Gyp/Tape/Mud; 8th Flr Corridor  Analyst Description: Lt. Brown, Homogeneous, Fibrous, Tape Asbestos Types: Other Material: Cellulose 95 %, Non-fibrous 5 %	120061771-03.2	No	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-03 Location: Gyp/Tape/Mud; 8th Flr Corridor  Analyst Description: Lt. Tan, Heterogeneous, Non-Fibrous, Joint Compound Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %	120061771-03.3	Yes	Trace (<1 %) (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-04 Location: 2' Wht Protruded Ceiling Panel; 8th Flr Dining  Analyst Description: White/Beige, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 40 %, Fibrous glass 30 %, Non-fibrous 30 %	120061771-04	No	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-05 Location: 2' Wht Protruded Ceiling Panel; 8th Flr Dining  Analyst Description: White/Beige, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 40 %, Fibrous glass 30 %, Non-fibrous 30 %	120061771-05	No	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-06 Location: 2' Wht Protruded Ceiling Panel; 8th Flr Dining  Analyst Description: White/Beige, Homogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose 40 %, Fibrous glass 30 %, Non-fibrous 30 %	120061771-06	No	NAD (by CVES) by Gordon T. Saleeby on 06/21/20

Client Name: Dominion Due Diligence Group

**PLM Bulk Asbestos Report**2020-0252 T2; Lurie Terrace Apartments; 600 West Huron  
Street, Ann Arbor, MI

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
0252-A-07 <b>Location:</b> 2' Wht Textured Ceiling Panel; 1st Flr Lobby	120061771-07	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 30 %, Fibrous glass 40 %, Non-fibrous 30 %			
0252-A-08 <b>Location:</b> 2' Wht Textured Ceiling Panel; 1st Flr Corridor	120061771-08	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 30 %, Fibrous glass 40 %, Non-fibrous 30 %			
0252-A-09 <b>Location:</b> 2' Wht Textured Ceiling Panel; 1st Flr Corridor	120061771-09	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 30 %, Fibrous glass 40 %, Non-fibrous 30 %			
0252-A-10 <b>Location:</b> 2'x4' Wht Wormed Ceiling Panel; Bsmt Corridor	120061771-10	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 40 %, Fibrous glass 20 %, Non-fibrous 40 %			
0252-A-11 <b>Location:</b> 2'x4' Wht Wormed Ceiling Panel; 3rd Flr Corridor	120061771-11	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 40 %, Fibrous glass 20 %, Non-fibrous 40 %			
0252-A-12 <b>Location:</b> 2'x4' Wht Wormed Ceiling Panel; 6th Flr Corridor	120061771-12	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 40 %, Fibrous glass 20 %, Non-fibrous 40 %			

Client Name: Dominion Due Diligence Group

**PLM Bulk Asbestos Report**2020-0252 T2; Lurie Terrace Apartments; 600 West Huron  
Street, Ann Arbor, MI

<b>Client No. / HGA</b>	<b>Lab No.</b>	<b>Asbestos Present</b>	<b>Total % Asbestos</b>
0252-A-13 <b>Location:</b> Wht Popcorn Ceiling Texture; Unit 307	120061771-13	<b>Yes</b>	2 % (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 2.0 %			
<b>Other Material:</b> Non-fibrous 98 %			
0252-A-14 <b>Location:</b> Wht Popcorn Ceiling Texture; Unit 427	120061771-14	<b>Yes</b>	2 % (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 2.0 %			
<b>Other Material:</b> Non-fibrous 98 %			
0252-A-15 <b>Location:</b> Wht Popcorn Ceiling Texture; Unit 705	120061771-15	<b>Yes</b>	2 % (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 2.0 %			
<b>Other Material:</b> Non-fibrous 98 %			
0252-A-16 <b>Location:</b> Wht Popcorn Ceiling Texture; Unit 820	120061771-16	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
0252-A-17 <b>Location:</b> Wht Popcorn Ceiling Texture; Unit 714	120061771-17	<b>Yes</b>	2 % (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> Off White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile 2.0 %			
<b>Other Material:</b> Non-fibrous 98 %			
0252-A-18 <b>Location:</b> Wht Popcorn Ceiling Texture; 4th Activities	120061771-18	<b>Yes</b>	Trace (<1 %) (by CVES) by Gordon T. Saleeby on 06/21/20
<b>Analyst Description:</b> Off White, Homogeneous, Non-Fibrous, Bulk Material			
<b>Asbestos Types:</b> Chrysotile <1. %			
<b>Other Material:</b> Non-fibrous 100 %			

Client Name: Dominion Due Diligence Group

# PLM Bulk Asbestos Report

2020-0252 T2; Lurie Terrace Apartments; 600 West Huron Street, Ann Arbor, MI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
0252-A-19 <b>Location:</b> Wht Popcorn Ceiling Texture; 7th Activities  <b>Analyst Description:</b> Off White, Homogeneous, Non-Fibrous, Bulk Material <b>Asbestos Types:</b> Chrysotile <1. % <b>Other Material:</b> Non-fibrous 100 %	120061771-19	<b>Yes</b>	Trace (<1 %) (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-20 <b>Location:</b> 2'x4' Wht Pinhole Ceiling Panel; Bsmt Corridor  <b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 30 %, Fibrous glass 50 %, Non-fibrous 20 %	120061771-20	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-21 <b>Location:</b> 2'x4' Wht Pinhole Ceiling Panel; Bsmt Corridor  <b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 30 %, Fibrous glass 50 %, Non-fibrous 20 %	120061771-21	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20
0252-A-22 <b>Location:</b> 2'x4' Wht Pinhole Ceiling Panel; Bsmt Corridor  <b>Analyst Description:</b> White/Beige, Homogeneous, Fibrous, Bulk Material <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose 30 %, Fibrous glass 50 %, Non-fibrous 20 %	120061771-22	<b>No</b>	NAD (by CVES) by Gordon T. Saleeby on 06/21/20

**Reporting Notes:**

Analyzed by: Gordon T. Saleeby  Date: 6/21/2020 Reviewed by: 

\*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

120061771

# ASBESTOS-CONTAINING MATERIALS SURVEY

**SITE:** Lurie Terrace Apartments  
**ADDRESS:** 600 West Huron Street, Ann Arbor, MI  
**DATE:** 6.17.2020  
**CLIENT:** D3

**PERSONNEL:** Joseph Laney  
**PROJECT #:** 2020-0252 T2  
**LABORATORY:** AmeriSci  
**TAT:** 3-day  
**TYPE OF ANALYSIS:** PLM

PLEASE ALLOW FOR POSITIVE STOP METHODOLOGY

HOMOGENOUS AREA	SAMPLE #	MATERIAL DESCRIPTION	LOCATION	QUANTITY/FRIABILITY
01, 02, 03	0252-A01	Gyp/Tape/Mud	Basement <sup>Maint. Shop</sup>	
1	02		Unit 417	
	03		8 <sup>th</sup> Flr Corridor	
04	04	2' Wht Protruded Ceiling Panel	8 <sup>th</sup> Flr Dining	
1	05			
	06			
05	07	2' Wht Textured Ceiling Panel	1 <sup>st</sup> Flr Lobby	
1	08		1 <sup>st</sup> Flr Corridor	
	09			
06	10	2'x4' Wht Worned Ceiling Panel	BSMT Corridor	
1	11	2'x4' Wht Worned Ceiling Panel	3 <sup>rd</sup> Flr Corridor	
	12		6 <sup>th</sup> Flr Corridor	
07	13	Wht Popcorn Ceiling Texture	Unit 307	
	14		427	
	15		705	
	16		820	
	17		714	
	18		4 <sup>th</sup> Activities	
	19		7 <sup>th</sup> Activities	
08	20	2'x4' Wht Pinhole Ceiling Panel	BSMT Corridor	
1	21			
	22			

SUBMITTED BY: Joseph A. Laney  
 RECEIVED BY: \_\_\_\_\_

DATE SUBMITTED: 6.17.2020  
 DATE RECEIVED: \_\_\_\_\_

SIGNATURE: [Signature]  
 SIGNATURE: \_\_\_\_\_

**DOMINION DUE DILIGENCE GROUP**  
 201 Wylderose Drive ♦ MIDLOTHIAN ♦ VIRGINIA 23113 ♦ PHONE: (804) 358-2020 ♦ FAX: (804) 318-0020  
 RECEIVED  
 By [Signature]

## ASBESTOS-CONTAINING MATERIALS SURVEY FORM

**SITE:** Lurie Terrace Apartments  
**ADDRESS:** 600 West Huron Street- Ann Arbor, MI  
**DATE:** 6/15-16/20

**INSPECTOR NAME:** Joseph Laney  
**INSPECTOR LICENSE #:** A-49331  
**D3G PROJECT #:** 2020-252 T2

HOMOGENOUS AREA/MATERIAL DESCRIPTION	LOCATIONS OBSERVED	SAMPLE #	QUANTITY OBSERVED	OBSERVED CONDITION	FRIABILITY	NOB MATERIAL?
<i>(i.e. 12"x12" brown floor tile, ceiling texture, roofing shingles, caulking materials)</i>	<i>(i.e. Unit 101 - throughout observed unit interiors, or mechanical closets, etc.)</i>	<i>(from COC or list as Presumed if not sampled)</i>	<i>(i.e. # of elbows, throughout interior, kitchens, etc.)</i>	<i>Note any areas of damage observed by inspector</i>	<i>Friable/non-friable/encapsulated</i>	<i>Yes or No</i>
Gyp/Tape/Mud	Throughout	A-01, A-02, A-03	~450,000 SF	Good	NF	N
2' White Protruded Ceiling Panel	8 <sup>th</sup> Floor Dining Hall	A-04, A-05, A-06	~3,100 SF	Good	F	N
2' White Textured Ceiling Panel	1 <sup>st</sup> Floor Commons	A-07, A-08, A-09	~1,200 SF	Good	F	N
2'x4' White Wormed Ceiling Panel	Commons in Basement, 2 <sup>nd</sup> Floor Corridor, 3 <sup>rd</sup> Floor Corridor, 4 <sup>th</sup> Floor Corridor, 5 <sup>th</sup> Floor Corridor, 6 <sup>th</sup> Floor Corridor, 7 <sup>th</sup> Floor Corridor, 8 <sup>th</sup> Floor Corridor	A-10, A-11, A-12	~8,400 SF	Good	F	N
White Popcorn Ceiling Texture	Units, & Activity Rooms	A-13, A-14, A-15, A-16, A-	~105,000 SF	Good	NF	N

Page \_\_ of \_\_

## DOMINION DUE DILIGENCE GROUP

201 Wylderose Drive ♦ MIDLOTHIAN ♦ VIRGINIA 23113 ♦ PHONE: (804) 358-2020 ♦ FAX: (804) 358-3003

# ASBESTOS-CONTAINING MATERIALS SURVEY FORM

**SITE:** Lurie Terrace Apartments  
**ADDRESS:** 600 West Huron Street- Ann Arbor, MI  
**DATE:** 6/15-16/20

**INSPECTOR NAME:** Joseph Laney  
**INSPECTOR LICENSE #:** A-49331  
**D3G PROJECT #:** 2020-252 T2

		17, A-18, A-19				
2'x4' White Pinhole Ceiling Panel	Basement Corridor	A-20, A21, A-22	~100 SF	Good	F	N
Patterned Vinyl Sheet Floor & Adhesive	Unit Kitchens, Unit Baths		~18,000 SF	Good	NF	Y
Vinyl Baseboard & Adhesive	Unit Kitchens, Unit Baths		~7,300 SF	Good	NF	Y
Ceramic Wall & Grout	Unit Kitchens, Unit Baths		~3,800 SF	Good	NF	N
Carpet Glue	Common Corridors		~9,600 SF	Good	NF	Y
CMU Walls Cinderblock & Mortar	Basement		~17,500 SF	Good	NF	N
Red Firestop	Basement		~100 SF	Good	NF	Y
Brick & Mortar	Exterior		~60,000 SF	Good	NF	N
Membrane Roof	Exterior Roof		~9,400 SF	Good	NF	N

## DOMINION DUE DILIGENCE GROUP

201 Wylderose Drive ♦ MIDLOTHIAN ♦ VIRGINIA 23113 ♦ PHONE: (804) 358-2020 ♦ FAX: (804) 358-3003

# ASBESTOS-CONTAINING MATERIALS SURVEY FORM

**SITE:** Lurie Terrace Apartments  
**ADDRESS:** 600 West Huron Street- Ann Arbor, MI  
**DATE:** 6/15-16/20

**INSPECTOR NAME:** Joseph Laney  
**INSPECTOR LICENSE #:** A-49331  
**D3G PROJECT #:** 2020-252 T2

**FACILITY NOTES (i.e. list units inspected, interviewed persons, known dates of renovations, construction, fires, etc.):**

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## DOMINION DUE DILIGENCE GROUP



## PLM Bulk Asbestos Report

Dominion Due Diligence Group  
Attn: Kim Dingledine  
201 Wylderose Drive  
  
Midlothian, VA 23113

**Date Received** 06/18/20    **AmeriSci Job #** 120061772  
**Date Examined** 06/19/20    **P.O. #**  
**Page** 1 **of** 5  
**RE: 2020-0252 T2; Lurie Terrace Apartments; 3 Parkview Place -  
Ann Arbor, MI**

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
0252-B-01 <b>Location:</b> Plaster Thin Coat; Common Stair  <b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	120061772-01.1	<b>No</b>	NAD  (by CVES) by Beverly A. Schrage on 06/19/20
0252-B-01 <b>Location:</b> Plaster Thin Coat; Common Stair  <b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster) <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %	120061772-01.2	<b>No</b>	NAD  (by CVES) by Beverly A. Schrage on 06/19/20
0252-B-02 <b>Location:</b> Plaster Thin Coat; Common Stair  <b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	120061772-02.1	<b>No</b>	NAD  (by CVES) by Beverly A. Schrage on 06/19/20
0252-B-02 <b>Location:</b> Plaster Thin Coat; Common Stair  <b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster) <b>Asbestos Types:</b> <b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %	120061772-02.2	<b>No</b>	NAD  (by CVES) by Beverly A. Schrage on 06/19/20
0252-B-03 <b>Location:</b> Plaster Thin Coat; Common Stair  <b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster) <b>Asbestos Types:</b> <b>Other Material:</b> Non-fibrous 100 %	120061772-03.1	<b>No</b>	NAD  (by CVES) by Beverly A. Schrage on 06/19/20

# PLM Bulk Asbestos Report

2020-0252 T2; Lurie Terrace Apartments; 3 Parkview Place -  
Ann Arbor, MI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
0252-B-03 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-03.2	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
0252-B-04 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-04.1	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
0252-B-04 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-04.2	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
0252-B-05 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-05.1	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
0252-B-05 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-05.2	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
0252-B-06 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-06.1	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			

# PLM Bulk Asbestos Report

2020-0252 T2; Lurie Terrace Apartments; 3 Parkview Place -  
Ann Arbor, MI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
0252-B-06 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-06.2	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
0252-B-07 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-07.1	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> White, Heterogeneous, Non-Fibrous, Skim Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Non-fibrous 100 %			
0252-B-07 <b>Location:</b> Plaster Thin Coat; Common Stair	120061772-07.2	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Base Coat (Plaster)			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
0252-B-08 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-08.1	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Gypsum Board			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 2 %, Non-fibrous 98 %			
0252-B-08 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-08.2	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Tan, Heterogeneous, Non-Fibrous, Tape			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 99 %, Non-fibrous 1 %			
0252-B-08 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-08.3	<b>Yes</b>	2 % (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Cream, Heterogeneous, Non-Fibrous, Mud			
<b>Asbestos Types:</b> Chrysotile 2.0 %			
<b>Other Material:</b> Non-fibrous 98 %			

# PLM Bulk Asbestos Report

2020-0252 T2; Lurie Terrace Apartments; 3 Parkview Place -  
Ann Arbor, MI

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
0252-B-09 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-09.1	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Gypsum Board			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
0252-B-09 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-09.2	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Tan, Heterogeneous, Non-Fibrous, Tape			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 99 %, Non-fibrous 1 %			
0252-B-09 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-09.3	<b>Yes</b>	2 % (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Cream, Heterogeneous, Non-Fibrous, Mud			
<b>Asbestos Types:</b> Chrysotile 2.0 %			
<b>Other Material:</b> Non-fibrous 98 %			
0252-B-10 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-10.1	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Beige/Gray, Heterogeneous, Non-Fibrous, Gypsum Board			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose Trace, Non-fibrous 100 %			
0252-B-10 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-10.2	<b>No</b>	NAD (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Tan, Heterogeneous, Non-Fibrous, Tape			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 99 %, Non-fibrous 1 %			
0252-B-10 <b>Location:</b> Gyp/Tape/Mud; Common Stair	120061772-10.3	<b>Yes</b>	2 % (by CVES) by Beverly A. Schrage on 06/19/20
<b>Analyst Description:</b> Cream, Heterogeneous, Non-Fibrous, Mud			
<b>Asbestos Types:</b> Chrysotile 2.0 %			
<b>Other Material:</b> Non-fibrous 98 %			

Client Name: Dominion Due Diligence Group

# PLM Bulk Asbestos Report

2020-0252 T2; Lurie Terrace Apartments; 3 Parkview Place -  
Ann Arbor, MI

### Reporting Notes:

Analyzed by: Beverly A. Schrage BAS Date: 6/19/2020 Reviewed by: BAS

\*NAD = no asbestos detected, Detection Limit <1%, Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/R-93/116 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples which includes quantitation of any vermiculite observed (198.6 for NOB samples) or EPA 400 pt ct by EPA 600/M4-82-020 (NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.



## ASBESTOS-CONTAINING MATERIALS SURVEY FORM

**SITE:** Lurie Terrace Apartments  
**ADDRESS:** 3 Parkview Place – Ann Arbor, MI  
**DATE:** 6/15/20

**INSPECTOR NAME:** Joseph Laney  
**INSPECTOR LICENSE #:** A-49331  
**D3G PROJECT #:** 2020-252 T2

HOMOGENOUS AREA/MATERIAL DESCRIPTION	LOCATIONS OBSERVED	SAMPLE #	QUANTITY OBSERVED	OBSERVED CONDITION	FRIABILITY	NOB MATERIAL?
<i>(i.e. 12"x12" brown floor tile, ceiling texture, roofing shingles, caulking materials)</i>	<i>(i.e. Unit 101 – throughout observed unit interiors, or mechanical closets, etc.)</i>	<i>(from COC or list as Presumed if not sampled)</i>	<i>(i.e. # of elbows, throughout interior, kitchens, etc.)</i>	<i>Note any areas of damage observed by inspector</i>	<i>Friable/non-friable/encapsulated</i>	<i>Yes or No</i>
Gyp/Tape/Mud	Throughout	B-08, B-09, B-10	16,000 SF	Good	NF	N
Plaster	Throughout	B-01, B-02, B-03, B-04, B-05, B-06 B-07	16,000 SF	Good	NF	N
4" Ceramic & Grout	Unit Baths		1,200 SF	Good	NF	N
1" Ceramic & Grout	Unit Baths		250 SF	Good	NF	N
Ceramic Baseboard	Unit Baths		60 SF	Good	NF	N
Patterned Vinyl Sheet Floor & Adhesive	Unit Kitchens		350 SF	Good	NF	Y
Vinyl Baseboard & Adhesive	Unit Kitchens		40 SF	Good	NF	Y
Baseboard Glue	Unit Living Rooms, &		120 SF	Good	NF	Y

## DOMINION DUE DILIGENCE GROUP

# ASBESTOS-CONTAINING MATERIALS SURVEY FORM

**SITE:** Lurie Terrace Apartments  
**ADDRESS:** 3 Parkview Place – Ann Arbor, MI  
**DATE:** 6/15/20

**INSPECTOR NAME:** Joseph Laney  
**INSPECTOR LICENSE #:** A-49331  
**D3G PROJECT #:** 2020-252 T2

	Bedrooms				
Cinderblock	Basement & Exterior		900 SF	Good	NF N
Brick & Mortar	Exterior		2,400 SF	Good	NF N
Roof Shingles	Exterior		1,250 SF	Good	NF Y

**FACILITY NOTES (i.e. list units inspected, interviewed persons, known dates of renovations, construction, fires, etc.):**

Where sampled, Drywall was observed underneath a thin coat of plaster.

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## DOMINION DUE DILIGENCE GROUP

201 Wylderose Drive ♦ MIDLOTHIAN ♦ VIRGINIA 23113 ♦ PHONE: (804) 358-2020 ♦ FAX: (804) 358-3003



## **Appendix K:**

# **Lead-Based Paint Inspection Report - 600 West Huron Street**

# Lead-Based Paint Inspection Report

Prepared for:

## **Dominion Due Diligence Group**

201 Wylderose Drive  
Midlothian, Virginia 23113

Property:

## **Lurie Terrace**

600 West Huron Street  
Ann Arbor, Michigan 48103

**Inspection Dates:** June 15-17, 2020

Lead Inspector/Risk Assessor:



**Joseph Laney**

Michigan Licensed Lead Risk Assessor #P-08630

Environmental Health & Safety Consultants Job #20-1022

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## SECTION 1: EXECUTIVE SUMMARY

### 1.1 INTRODUCTION

A lead-based paint (LBP) inspection was conducted on June 15-17, 2020, at Lurie Terrace, located at 600 West Huron Street in Ann Arbor, Michigan. The purpose of the inspection was to determine the presence and location of lead-based paint, as defined by the Environmental Protection Agency (EPA) and the state of Michigan. Currently, the criteria for determining lead-based paint is 1.0 mg/cm<sup>2</sup>. The inspection was accomplished using an x-ray fluorescence (XRF) lead-in-paint analyzer in each selected dwelling unit, common area, and building exterior.

The information in this report must be disclosed to all existing and new residents and to any new buyer in the future, under the Lead Disclosure Rule (24 CFR part 35, subpart A (HUD's rule) and 40 CFR part 745, subpart F (EPA's identical rule)).

### 1.2 SUMMARY OF LEAD-BASED PAINT INSPECTION AND VISUAL ASSESSMENT

**The inspection determined that lead-based paint was present at the property on the date of the inspection.**

<b>Inspection &amp; Visual Assessment Summary</b>	
Lead-Based Paint Present	Yes
Deteriorated Lead-Based Paint above De Minimus Levels Present	No
Unless all lead-based paint is removed, Environmental Health & Safety Consultants recommends that the Owner implement or maintain an ongoing lead-based paint maintenance and re-evaluation program.	

### 1.3 PROPERTY-WIDE LOCATIONS OF BUILDING COMPONENTS WITH LEAD-BASED PAINT

In accordance with federal guidelines<sup>1</sup>, Environmental Health & Safety Consultants tested a representative number of building components within the subject property for the presence of lead-based paint. Based on the results of this representative testing, Environmental Health & Safety Consultants identified one (1) component that is considered to contain lead-based paint on a property-wide basis. The property-wide component is listed in the Table below.

<b>Table 1 Building Components with Lead-Based Paint</b>		
Area	Component	Substrate
Exterior	Patio Underhang	Wood

<sup>1</sup> HUD Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing, Revised 2012.

Within the table above, the following definitions apply: The “area” is the common location within the property (e.g., unit/apartment, office, common area, etc.); “components” are specific design or structural elements or fixtures of a building, residential dwelling, or child-occupied facility, that are distinguished from each other by form, function, and location; and the “substrate” is the building component material directly beneath the painted surface.

## 1.4 SUMMARY OF REGULATORY REQUIREMENTS AND RECOMMENDATIONS

**Lead-based paint, as defined by EPA, was identified at the property.**

Environmental Health & Safety Consultants recommends ongoing monitoring and maintenance of components identified as containing lead-based paint to prevent deterioration of these components and possible development of lead-based paint hazards in the future.

## 1.5 LEAD DISCLOSURE REQUIREMENTS

HUD and EPA regulations require the Owner to disclose the findings of this report to residents within a prescribed period, if lead-based paint is present. In addition, depending on the findings of the evaluation, an Owner may be required to conduct additional disclosure activities. Based on the findings of this evaluation, the following disclosure statement(s) apply:

**Lead-based paint, as defined by EPA, was identified at the property.**

The above disclosure statement, along with the information contained in Table 1, “Building Components with Lead-Based Paint”, must be provided to new lessees (residents) and purchasers of this property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract.

This complete report must be provided at no charge to new purchasers, and to new residents, upon request. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by EPA, and to include standard warning language in their leases or sales contracts. The specific warning language can be found at 24 CFR part 35.92.

The HUD and EPA Disclosure regulations apply to the property until written certification is obtained from a state licensed lead-based paint inspector, stating that the property is lead-based paint free. The lead-based paint free certification must meet all regulatory guidelines established by HUD, EPA and the state.

This report should be kept by the inspector or the inspection firm, the Owner, and all future Owners for the life of the dwelling.

## Section 2: Lead-Based Paint Inspection Report

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### 2.1 OVERVIEW OF THE INSPECTION

#### 2.1.1 Introduction

A lead-based paint inspection and visual assessment was conducted at Lurie Terrace, a multifamily residential property located at 600 West Huron Street in Ann Arbor, Michigan, on June 15-17, 2020. Joseph Laney, a Michigan Department of Health & Human Services (MDHHS) licensed Lead Inspector/Risk Assessor (#P-08630), conducted the inspection which was performed using a Niton XLp 303A, Serial # 96180. Personnel credentials are found in Appendix D.

The information contained in this inspection report can be used to assist the Owner in ensuring that a lead-hazard free environment is maintained, by either: 1) developing a plan for eliminating lead-based paint from the property, or 2) establishing or maintaining an ongoing lead-based paint maintenance and re-evaluation program, if needed.

#### 2.1.2 Description of Property

Lurie Terrace was reportedly constructed in 1963 and consists of one-hundred thirty-two (132) dwelling units in one (1) eight-story residential building. Sidewalks and parking areas constitute the remainder of the site. A total of one-hundred thirty-two (132) similar dwelling units, twenty-nine (29) common areas, and one (1) building exterior areas were considered for evaluation.

#### 2.1.3 Similar Groups of Buildings

At the outset of this inspection, individual buildings were grouped into similar groups of buildings in accordance with the HUD Guidelines, Chapter 7. These buildings and exterior sites were grouped according to: 1) construction date, 2) construction type, and/or 3) written documentation or visual evidence of similar construction materials. All buildings at the property were defined as low-rise apartments buildings.

#### 2.1.4 Random Selection Process

Selection of the specific dwelling units and common areas to be tested was accomplished using the HUD-defined selection process specified in the HUD Guidelines, Chapter 7. The table provided in Section V, "Inspections in Multifamily Housing," identifies the number of building apartments and common areas that must be randomly sampled. A comprehensive table that provides all units randomly selected, as well as substitutes, is provided herein in Appendix B. Units removed from the random selection process, including an explanation as to why they were removed, are also identified in Appendix B.

Using the HUD Random Selection Criteria, a statistically valid subset of dwelling units and common areas was randomly selected as being representative of all units and areas on the entire property. Only the randomly selected units and common areas were tested for the presence of lead-based paint.

## 2.2 LEAD REGULATORY LEVELS

The lead regulatory levels provided in Table 3 below were used when preparing this lead-based paint evaluation and when evaluating data collected.

TABLE 2 LEAD REGULATORY LEVELS		
	EPA Levels	Michigan Levels
Lead-Based Paint	1.0 mg/cm <sup>2</sup> or 0.5% by weight (or 5,000 ppm)	1.0 mg/cm <sup>2</sup> or 0.5% by weight (or 5,000 ppm)

## 2.3 LEAD-BASED PAINT INSPECTION

A lead-based paint inspection is an interior and exterior investigation to identify all lead-based paint on a surface-by-surface basis. This lead-based paint inspection was performed in accordance with HUD Guidelines in a total of twenty-six (26) similar dwelling units, eighteen (18) common areas, and one (1) building exterior area.

The lead-based paint inspection was accomplished using an x-ray fluorescence (XRF) lead-in-paint analyzer in each selected dwelling unit and common area. The XRF analyzer is designed to measure the lead content of surface coatings on a variety of building surfaces, substrates, and components. The measurement is rapid, nondestructive, and according to the manufacturer, capable of detecting lead concentrations within numerous layers of various surface coatings. The results of the inspection apply to all similar buildings and dwelling units within a similar group of buildings throughout the entire property. See Appendix A for complete building information.

XRF testing was performed on random testing combinations, except for interior walls, where 1-4 readings were taken. A testing combination is characterized by the room equivalent, the component type, and the substrate. A room equivalent is an identifiable part of a residence or building (e.g., room, foyer, house exterior, etc.). In addition, Wall "A" or "1" in each room is the wall where the front entrance door opening is located (or aligned with street). Going clockwise and facing Wall "A" or "1", Wall "B" or "2" will always be to your right, Wall "C" or "3" directly to the rear and Wall "D" or "4" to the left. Doors, windows and closets are designated as left, center or right depending on their location on the wall.

Environmental Health & Safety Consultants also conducted a visual assessment of all painted surfaces, as described below in Section 2.4.

## The results of the inspection indicate that lead-based paint was found on the property.

As a general rule, care should be taken to maintain all paint intact and to minimize, contain, and clean up any dust generated from the disturbance of painted surfaces – even when paint has lead concentrations below the level the EPA defines as lead-based paint. Additionally, care should be taken to minimize dust during disturbance of ceramic wall tiles that potentially contain lead.

Please refer to Appendix C for detailed analytical testing results for each distinct area or unit inspected. The appendices provide complete testing data (XRF Testing Results), a summary of surfaces and components identified with lead-based paint coatings (XRF Summary – Readings Positive for Lead-Based Paint), and a distribution report detailing specific components or surfaces with lead-based paint (Component Type Report).

## 2.4 PAINT CONDITION SURVEY AND PAINT-LEAD HAZARDS

HUD and EPA define the terms *deteriorated paint*, *intact paint*, and *de minimis (small or minimal) levels* when these terms are used to describe surface coating conditions. To aid in the interpretation of the paint condition information, please refer to the following HUD definitions and criteria for specific interior and exterior surfaces.

HUD Definitions		
Building Component(s)	Intact Paint	<i>De minimis (small or minimal) Levels of Deteriorated Paint</i>
Exterior components with large surface areas (siding, etc.)	Entire surface is intact	Deteriorated paint on less than or equal to 20 square feet (ft <sup>2</sup> ) of exterior surfaces
Interior components with large surface areas (walls, ceilings, etc.)	Entire surface is intact	Deteriorated paint is observed at less than or equal to 2 ft <sup>2</sup> of surface in any one interior room or space
Component types with small surface areas (soffits, baseboards, trim, etc.)	Entire surface is intact	Deteriorated paint is observed at less than or equal to 10% of the total surface area of a component type with a small surface area
<i>Note: See 24 CFR 35.1350(d)(1)-(3) for complete information on de minimis (small or minimal) levels.</i>		

*Deteriorated paint* is defined as “any interior or exterior paint or other coating that is peeling, chipping, chalking, or cracking or any paint or coating located on an interior or exterior surface or fixture that is otherwise damaged or separated from the substrate.”

HUD uses the phrase “significant deterioration” to refer to deterioration greater than *de minimis* levels.

Paint conditions and exact locations of paint deterioration for specific tested dwelling units, common areas, and exteriors are reported in this document under Appendix C.

Areas and/or components coated with lead-based paint that are currently *intact* do not constitute a lead hazard if the components do not represent a friction or impact surface (e.g., the

windowsill, or floor). However, lead-safe work practices should be used when dealing with any surfaces that are known or assumed to contain lead-based paint.

#### **2.4.1 Paint-Lead Hazards**

As of the date of the evaluation, paints throughout the interior and exterior of the structure were primarily intact. No deteriorated lead-based paint was identified on the property.

### **2.5 CONDITIONS AND LIMITATIONS—DISCLAIMER**

Environmental Health & Safety Consultants (the Preparer) has performed this lead-based paint inspection in a thorough and professional manner consistent with commonly accepted industry standards. The Preparer cannot guarantee, and does not warrant, that this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the evaluation.

The results reported and conclusions reached by the Preparer are solely for the benefit of the Owner and residents. The results and opinions in this report, based solely on the conditions found at the property on the date of the evaluation, are valid only on that date.

The Preparer assumes no obligation to advise the client of any changes in any real or potential lead-based paint hazards at this residence beyond the date of the property evaluation.

***This report was prepared by:***

**Environmental Health & Safety Consultants, LLC**



Lisa G. Laney

U.S. EPA-certified Lead Inspector/Risk Assessor

## **SECTION 3: APPENDICES**

### **Appendix A: Property Information**

A-1: Site Specific Property Information

### **Appendix B: Summary of Random Selection of Units**

B-1: Random Selection Detail by Unit

### **Appendix C: XRF Sampling**

C-1: Component Type Report

C-2: XRF Testing Results

C-3: XRF Readings Positive for Lead

C-4: Performance Characteristic Sheets

### **Appendix D: Certifications, Licenses, and Accreditations**

D-1: Lead-Based Paint Inspector/Risk Assessor & Firm License/Certification Information

### **Appendix E: Lead and Lead Safety Resource Data**

E-1: Glossary

E-2: Resources for Additional Information on Lead and Lead-Based Paint Hazards

## Appendix A: Property Information

### A-1: SITE SPECIFIC PROPERTY INFORMATION

**Property Name:** Lurie Terrace  
**Address:** 600 West Huron Street  
Ann Arbor, Michigan

**Building Address:** 600 West Huron Street  
Ann Arbor, Michigan

**Construction Date:** 1963

**Total # of Units:** 132

**# of Units Evaluated:** 26

### INSPECTION FIRM INFORMATION

**Firm:** Environmental Health & Safety Consultants, LLC  
**Address:** 403 North Fairview Avenue  
Mt. Prospect, Illinois 60056  
(224) 383-7832

**Risk Assessor:** Joseph Laney  
**License:** #P-08630

**Date of Evaluation:** June 15-17, 2020

**Date of Report:** June 29, 2020

## **Appendix B: Summary of Random Selection of Units**

### **B-1 Random Selection Detail by Unit**



## **APPENDIX C: XRF SAMPLING**

**C-1: Component Type Report**

**C-2: XRF Testing Results**

**C-3: XRF Readings Positive for Lead**

**C-4: Performance Characteristics Sheets (PCS)/ Summary Sheet**

## **C-1: COMPONENT TYPE REPORT**

**Lurie Terrace - 600 W. Huron, Ann Arbor, Michigan - Component Type Report**

Component Description	Location	Substrate	Number of Readings	Positive		Negative		Component Classification
				No.	Percent	No.	Percent	
Underhang	Exterior	Wood	1	1	100.00	0	0.00	Positive
Air Conditioner Case	Units	Wood	18	0	0.00	18	100.00	Negative
Baseboard	Units	Wood	59	0	0.00	59	100.00	Negative
Cabinet Components	Units	Wood	106	0	0.00	106	100.00	Negative
Ceiling	Units	Drywall	103	0	0.00	103	100.00	Negative
Ceiling Support	Units	Concrete	19	0	0.00	19	100.00	Negative
Door	Units	Wood	105	0	0.00	105	100.00	Negative
Door Trim	Units	Metal	30	0	0.00	30	100.00	Negative
Door Trim	Units	Wood	49	0	0.00	49	100.00	Negative
Drawer Components	Units	Wood	36	0	0.00	36	100.00	Negative
Radiator	Units	Metal	72	0	0.00	72	100.00	Negative
Sliding Door	Units	Metal	1	0	0.00	1	100.00	Negative
Sliding Door	Units	Wood	1	0	0.00	1	100.00	Negative
Support Column	Units	Concrete	31	0	0.00	31	100.00	Negative
Wall	Units	Drywall	448	0	0.00	448	100.00	Negative
Wall	Units	Wood	18	0	0.00	18	100.00	Negative
Window Trim	Units	Wood	72	0	0.00	72	100.00	Negative
Baluster	Commons	Metal	2	0	0.00	2	100.00	Negative
Baseboard	Commons	Wood	8	0	0.00	8	100.00	Negative
Cabinet Components	Commons	Wood	2	0	0.00	2	100.00	Negative
Ceiling	Commons	Concrete	4	0	0.00	4	100.00	Negative
Ceiling Support	Commons	Wood	1	0	0.00	1	100.00	Negative
Chair Rail	Commons	Wood	6	0	0.00	6	100.00	Negative
Crown Molding	Commons	Wood	10	0	0.00	10	100.00	Negative
Door	Commons	Metal	13	0	0.00	13	100.00	Negative
Door	Commons	Wood	13	0	0.00	13	100.00	Negative
Door Trim	Commons	Metal	25	0	0.00	25	100.00	Negative
Door Trim	Commons	Wood	4	0	0.00	4	100.00	Negative
Elevator Door & Trim	Commons	Metal	16	0	0.00	16	100.00	Negative
Floor	Commons	Concrete	2	0	0.00	2	100.00	Negative
Handrail	Commons	Metal	2	0	0.00	2	100.00	Negative
Radiator	Commons	Metal	7	0	0.00	7	100.00	Negative
Raised Floor	Commons	Concrete	1	0	0.00	1	100.00	Negative
Support Column	Commons	Concrete	9	0	0.00	9	100.00	Negative
Support Column	Commons	Wood	1	0	0.00	1	100.00	Negative
Stair Handrail	Commons	Metal	2	0	0.00	2	100.00	Negative
Stairwell Ladder	Commons	Metal	2	0	0.00	2	100.00	Negative
Stair Riser	Commons	Concrete	2	0	0.00	2	100.00	Negative

**Lurie Terrace - 600 W. Huron, Ann Arbor, Michigan - Component Type Report**

Component Description	Location	Substrate	Number of Readings	Positive		Negative		Component Classification
				No.	Percent	No.	Percent	
Stair Stringer	Commons	Metal	3	0	0.00	3	100.00	Negative
Stair Tread	Commons	Concrete	2	0	0.00	2	100.00	Negative
Wall	Commons	Cinderblk	26	0	0.00	26	100.00	Negative
Wall	Commons	Concrete	3	0	0.00	3	100.00	Negative
Wall	Commons	Drywall	69	0	0.00	69	100.00	Negative
Wall	Commons	Wood	7	0	0.00	7	100.00	Negative
Window Trim	Commons	Metal	3	0	0.00	3	100.00	Negative
Window Trim	Commons	Wood	3	0	0.00	3	100.00	Negative
Door	Exterior	Metal	3	0	0.00	3	100.00	Negative
Door Trim	Exterior	Metal	3	0	0.00	3	100.00	Negative
Plaque	Exterior	Metal	2	0	0.00	2	100.00	Negative
Support Beam	Exterior	Wood	1	0	0.00	1	100.00	Negative
Support Joint	Exterior	Metal	1	0	0.00	1	100.00	Negative
Underhang	Exterior	Concrete	2	0	0.00	2	100.00	Negative
Wall	Exterior	Concrete	4	0	0.00	4	100.00	Negative
Window Sash	Exterior	Metal	4	0	0.00	4	100.00	Negative
Window Sash	Exterior	Wood	1	0	0.00	1	100.00	Negative
Window Sill	Exterior	Concrete	4	0	0.00	4	100.00	Negative

## **C-2: XRF TESTING RESULTS**

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1	6/15/20	Calibration									1.00	POS
2	6/15/20	Calibration									0.90	NEG
3	6/15/20	Calibration									1.00	POS
4	6/15/20	Calibration									0.00	NEG
5	6/15/20	Calibration									0.00	NEG
6	6/15/20	Calibration									0.00	NEG
7	6/15/20	Unit 119	Living Room	A	Wall			Drywall	White	I	0.00	NEG
8	6/15/20	Unit 119	Living Room	B	Wall			Drywall	White	I	0.00	NEG
9	6/15/20	Unit 119	Living Room	C	Wall			Drywall	White	I	0.00	NEG
10	6/15/20	Unit 119	Living Room	D	Wall			Drywall	White	I	0.00	NEG
11	6/15/20	Unit 119	Living Room	E	Wall			Drywall	White	I	0.00	NEG
12	6/15/20	Unit 119	Living Room	--	Ceiling			Drywall	White	I	0.07	NEG
13	6/15/20	Unit 119	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
14	6/15/20	Unit 119	Living Room	A	Door		Jamb	Metal	White	I	0.00	NEG
15	6/15/20	Unit 119	Living Room	B	Door		Jamb	Wood	White	I	0.00	NEG
16	6/15/20	Unit 119	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
17	6/15/20	Unit 119	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
18	6/15/20	Unit 119	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
19	6/15/20	Unit 119	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
20	6/15/20	Unit 119	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
21	6/15/20	Unit 119	Living Room	C	Radiator			Metal	White	I	0.00	NEG
22	6/15/20	Unit 119	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
23	6/15/20	Unit 119	Bath	A	Wall			Drywall	White	I	0.00	NEG
24	6/15/20	Unit 119	Bath	B	Wall			Drywall	White	I	0.00	NEG
25	6/15/20	Unit 119	Bath	C	Wall			Drywall	White	I	0.00	NEG
26	6/15/20	Unit 119	Bath	D	Wall			Drywall	White	I	0.04	NEG
27	6/15/20	Unit 119	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
28	6/15/20	Unit 119	Bath	D	Door			Wood	Varnish	I	0.01	NEG
29	6/15/20	Unit 119	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
30	6/15/20	Unit 119	Bath	C	Cabinet		Base	Wood	White	I	0.00	NEG
31	6/15/20	Unit 119	Bath	C	Cabinet		Shelf	Wood	White	I	0.00	NEG
32	6/15/20	Unit 119	Bath	D	Radiator			Metal	White	I	0.00	NEG
33	6/15/20	Unit 105	Living Room	A	Wall			Drywall	White	I	0.00	NEG
34	6/15/20	Unit 105	Living Room	B	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
35	6/15/20	Unit 105	Living Room	C	Wall			Drywall	White	I	0.00	NEG
36	6/15/20	Unit 105	Living Room	D	Wall			Drywall	White	I	0.00	NEG
37	6/15/20	Unit 105	Living Room	E	Wall			Drywall	White	I	0.00	NEG
38	6/15/20	Unit 105	Living Room	--	Ceiling			Drywall	White	I	0.01	NEG
39	6/15/20	Unit 105	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
40	6/15/20	Unit 105	Living Room	A	Door		Jamb	Metal	White	I	0.00	NEG
41	6/15/20	Unit 105	Living Room	B	Door		Jamb	Wood	White	I	0.00	NEG
42	6/15/20	Unit 105	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
43	6/15/20	Unit 105	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
44	6/15/20	Unit 105	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
45	6/15/20	Unit 105	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
46	6/15/20	Unit 105	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
47	6/15/20	Unit 105	Living Room	C	Radiator			Metal	White	I	0.00	NEG
48	6/15/20	Unit 105	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
49	6/15/20	Unit 105	Bath	A	Wall			Drywall	White	I	0.00	NEG
50	6/15/20	Unit 105	Bath	B	Wall			Drywall	White	I	0.00	NEG
51	6/15/20	Unit 105	Bath	C	Wall			Drywall	White	I	0.00	NEG
52	6/15/20	Unit 105	Bath	D	Wall			Drywall	White	I	0.00	NEG
53	6/15/20	Unit 105	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
54	6/15/20	Unit 105	Bath	D	Door			Wood	Varnish	I	0.00	NEG
55	6/15/20	Unit 105	Bath	D	Door		Jamb	Wood	White	I	0.05	NEG
56	6/15/20	Unit 105	Bath	C	Cabinet		Base	Wood	White	I	0.00	NEG
57	6/15/20	Unit 105	Bath	C	Cabinet		Shelf	Wood	White	I	0.00	NEG
58	6/15/20	Unit 105	Bath	D	Radiator			Metal	White	I	0.00	NEG
59	6/15/20	Unit 8	Entry	A	Wall			Drywall	White	I	0.00	NEG
60	6/15/20	Unit 8	Entry	B	Wall			Drywall	White	I	0.00	NEG
61	6/15/20	Unit 8	Entry	C	Wall			Drywall	White	I	0.00	NEG
62	6/15/20	Unit 8	Entry	D	Wall			Drywall	White	I	0.00	NEG
63	6/15/20	Unit 8	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
64	6/15/20	Unit 8	Entry	B	Baseboard			Wood	White	I	0.00	NEG
65	6/15/20	Unit 8	Entry	A	Door			Wood	Varnish	I	0.00	NEG
66	6/15/20	Unit 8	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
67	6/15/20	Unit 8	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
68	6/15/20	Unit 8	Entry	D	Wall	Closet		Drywall	White	I	0.02	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
69	6/15/20	Unit 8	Bath	A	Wall			Drywall	White	I	0.00	NEG
70	6/15/20	Unit 8	Bath	B	Wall			Drywall	White	I	0.00	NEG
71	6/15/20	Unit 8	Bath	C	Wall			Drywall	White	I	0.00	NEG
72	6/15/20	Unit 8	Bath	D	Wall			Drywall	White	I	0.00	NEG
73	6/15/20	Unit 8	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
74	6/15/20	Unit 8	Bath	D	Door			Wood	Varnish	I	0.00	NEG
75	6/15/20	Unit 8	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
76	6/15/20	Unit 8	Bath	B	Cabinet		Door	Wood	Varnish	I	0.00	NEG
77	6/15/20	Unit 8	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
78	6/15/20	Unit 8	Bath	C	Radiator			Metal	White	I	0.00	NEG
79	6/15/20	Unit 8	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
80	6/15/20	Unit 8	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
81	6/15/20	Unit 8	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
82	6/15/20	Unit 8	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
83	6/15/20	Unit 8	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
84	6/15/20	Unit 8	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
85	6/15/20	Unit 8	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
86	6/15/20	Unit 8	Living Room	A	Wall			Drywall	White	I	0.00	NEG
87	6/15/20	Unit 8	Living Room	B	Wall			Drywall	White	I	0.00	NEG
88	6/15/20	Unit 8	Living Room	C	Wall			Drywall	White	I	0.00	NEG
89	6/15/20	Unit 8	Living Room	D	Wall			Drywall	White	I	0.00	NEG
90	6/15/20	Unit 8	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
91	6/15/20	Unit 8	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
92	6/15/20	Unit 8	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
93	6/15/20	Unit 8	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
94	6/15/20	Unit 8	Living Room	C	AC Casing			Wood	White	I	0.02	NEG
95	6/15/20	Unit 8	Living Room	C	Radiator			Metal	White	I	0.09	NEG
96	6/15/20	Unit 8	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
97	6/15/20	Unit 8	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
98	6/15/20	Unit 8	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
99	6/15/20	Unit 8	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
100	6/15/20	Unit 8	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
101	6/15/20	Unit 8	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
102	6/15/20	Unit 8	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
103	6/15/20	Unit 8	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
104	6/15/20	Unit 8	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
105	6/15/20	Unit 8	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
106	6/15/20	Unit 8	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
107	6/15/20	Unit 8	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
108	6/15/20	Unit 8	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
109	6/15/20	Unit 8	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
110	6/15/20	Unit 207	Entry	A	Wall			Drywall	White	I	0.00	NEG
111	6/15/20	Unit 207	Entry	B	Wall			Drywall	White	I	0.00	NEG
112	6/15/20	Unit 207	Entry	C	Wall			Drywall	White	I	0.00	NEG
113	6/15/20	Unit 207	Entry	D	Wall			Drywall	White	I	0.00	NEG
114	6/15/20	Unit 207	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
115	6/15/20	Unit 207	Entry	B	Baseboard			Wood	White	I	0.00	NEG
116	6/15/20	Unit 207	Entry	A	Door			Wood	Varnish	I	0.00	NEG
117	6/15/20	Unit 207	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
118	6/15/20	Unit 207	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
119	6/15/20	Unit 207	Entry	D	Wall	Closet		Drywall	White	I	0.00	NEG
120	6/15/20	Unit 207	Bath	A	Wall			Drywall	White	I	0.00	NEG
121	6/15/20	Unit 207	Bath	B	Wall			Drywall	White	I	0.00	NEG
122	6/15/20	Unit 207	Bath	C	Wall			Drywall	White	I	0.00	NEG
123	6/15/20	Unit 207	Bath	D	Wall			Drywall	White	I	0.00	NEG
124	6/15/20	Unit 207	Bath	--	Ceiling			Drywall	White	I	0.10	NEG
125	6/15/20	Unit 207	Bath	D	Door			Wood	Varnish	I	0.00	NEG
126	6/15/20	Unit 207	Bath	D	Door		Jamb	Wood	White	I	0.03	NEG
127	6/15/20	Unit 207	Bath	B	Cabinet		Door	Wood	Varnish	I	0.00	NEG
128	6/15/20	Unit 207	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
129	6/15/20	Unit 207	Bath	C	Radiator			Metal	White	I	0.00	NEG
130	6/15/20	Unit 207	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
131	6/15/20	Unit 207	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
132	6/15/20	Unit 207	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
133	6/15/20	Unit 207	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
134	6/15/20	Unit 207	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
135	6/15/20	Unit 207	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
136	6/15/20	Unit 207	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
137	6/15/20	Unit 207	Living Room	A	Wall			Drywall	White	I	0.00	NEG
138	6/15/20	Unit 207	Living Room	B	Wall			Drywall	White	I	0.00	NEG
139	6/15/20	Unit 207	Living Room	C	Wall			Drywall	White	I	0.00	NEG
140	6/15/20	Unit 207	Living Room	D	Wall			Drywall	White	I	0.02	NEG
141	6/15/20	Unit 207	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
142	6/15/20	Unit 207	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
143	6/15/20	Unit 207	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
144	6/15/20	Unit 207	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
145	6/15/20	Unit 207	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
146	6/15/20	Unit 207	Living Room	C	Radiator			Metal	White	I	0.00	NEG
147	6/15/20	Unit 207	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
148	6/15/20	Unit 207	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
149	6/15/20	Unit 207	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
150	6/15/20	Unit 207	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
151	6/15/20	Unit 207	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
152	6/15/20	Unit 207	Bedroom	D	Wall			Drywall	White	I	0.09	NEG
153	6/15/20	Unit 207	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
154	6/15/20	Unit 207	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
155	6/15/20	Unit 207	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
156	6/15/20	Unit 207	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
157	6/15/20	Unit 207	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
158	6/15/20	Unit 207	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
159	6/15/20	Unit 207	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
160	6/15/20	Unit 207	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
161	6/15/20	Calibration									1.00	POS
162	6/15/20	Calibration									1.00	POS
163	6/15/20	Calibration									1.10	POS
164	6/15/20	Calibration									0.00	NEG
165	6/15/20	Calibration									0.00	NEG
166	6/15/20	Calibration									0.00	NEG
167	6/16/20	Calibration									0.90	NEG
168	6/16/20	Calibration									1.10	POS
169	6/16/20	Calibration									1.00	POS
170	6/16/20	Calibration									0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
171	6/16/20	Calibration									0.00	NEG
172	6/16/20	Calibration									0.00	NEG
173	6/16/20	Unit 324	Living Room	A	Wall			Drywall	White	I	0.00	NEG
174	6/16/20	Unit 324	Living Room	B	Wall			Drywall	White	I	0.06	NEG
175	6/16/20	Unit 324	Living Room	C	Wall			Drywall	White	I	0.00	NEG
176	6/16/20	Unit 324	Living Room	D	Wall			Drywall	White	I	0.00	NEG
177	6/16/20	Unit 324	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
178	6/16/20	Unit 324	Living Room	D	Baseboard			Wood	White	I	0.00	NEG
179	6/16/20	Unit 324	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
180	6/16/20	Unit 324	Living Room	A	Door		Jamb	Metal	Tan	I	0.00	NEG
181	6/16/20	Unit 324	Living Room	A	Door	Closet		Wood	Varnish	I	0.00	NEG
182	6/16/20	Unit 324	Living Room	A	Wall	Closet		Drywall	White	I	0.00	NEG
183	6/16/20	Unit 324	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
184	6/16/20	Unit 324	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
185	6/16/20	Unit 324	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
186	6/16/20	Unit 324	Living Room	C	Radiator			Metal	White	I	0.00	NEG
187	6/16/20	Unit 324	Living Room	D	Support Column			Concrete	White	I	0.17	NEG
188	6/16/20	Unit 324	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
189	6/16/20	Unit 324	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
190	6/16/20	Unit 324	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
191	6/16/20	Unit 324	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
192	6/16/20	Unit 324	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
193	6/16/20	Unit 324	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
194	6/16/20	Unit 324	Kitchen	C	Support Column			Concrete	White	I	0.00	NEG
195	6/16/20	Unit 324	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
196	6/16/20	Unit 324	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
197	6/16/20	Unit 324	Hall	A	Wall			Drywall	White	I	0.00	NEG
198	6/16/20	Unit 324	Hall	B	Wall			Drywall	White	I	0.00	NEG
199	6/16/20	Unit 324	Hall	C	Wall			Drywall	White	I	0.00	NEG
200	6/16/20	Unit 324	Hall	D	Wall			Drywall	White	I	0.00	NEG
201	6/16/20	Unit 324	Hall	--	Ceiling			Drywall	White	I	0.00	NEG
202	6/16/20	Unit 324	Hall	C	Baseboard			Wood	White	I	0.02	NEG
203	6/16/20	Unit 324	Hall	B	Door			Wood	Varnish	I	0.00	NEG
204	6/16/20	Unit 324	Hall	B	Door		Jamb	Wood	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
205	6/16/20	Unit 324	Hall	A	Door	Closet		Wood	Varnish	I	0.00	NEG
206	6/16/20	Unit 324	Hall	A	Wall	Closet		Drywall	White	I	0.00	NEG
207	6/16/20	Unit 324	Bath	A	Wall			Drywall	White	I	0.00	NEG
208	6/16/20	Unit 324	Bath	B	Wall			Drywall	White	I	0.00	NEG
209	6/16/20	Unit 324	Bath	C	Wall			Drywall	White	I	0.00	NEG
210	6/16/20	Unit 324	Bath	D	Wall			Drywall	White	I	0.00	NEG
211	6/16/20	Unit 324	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
212	6/16/20	Unit 324	Bath	B	Door			Wood	Varnish	I	0.00	NEG
213	6/16/20	Unit 324	Bath	B	Door		Jamb	Wood	White	I	0.00	NEG
214	6/16/20	Unit 324	Bath	A	Cabinet		Door	Wood	Varnish	I	0.00	NEG
215	6/16/20	Unit 324	Bath	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
216	6/16/20	Unit 324	Bath	C	Radiator			Metal	White	I	0.00	NEG
217	6/16/20	Unit 324	Bedroom 1	A	Wall			Drywall	White	I	0.00	NEG
218	6/16/20	Unit 324	Bedroom 1	B	Wall			Drywall	White	I	0.00	NEG
219	6/16/20	Unit 324	Bedroom 1	C	Wall			Drywall	White	I	0.00	NEG
220	6/16/20	Unit 324	Bedroom 1	D	Wall			Drywall	White	I	0.00	NEG
221	6/16/20	Unit 324	Bedroom 1	--	Ceiling			Drywall	White	I	0.00	NEG
222	6/16/20	Unit 324	Bedroom 1	B	Baseboard			Wood	White	I	0.00	NEG
223	6/16/20	Unit 324	Bedroom 1	D	Door			Wood	Varnish	I	0.00	NEG
224	6/16/20	Unit 324	Bedroom 1	D	Door		Jamb	Metal	Tan	I	0.11	NEG
225	6/16/20	Unit 324	Bedroom 1	B	Window		Case	Wood	White	I	0.00	NEG
226	6/16/20	Unit 324	Bedroom 1	C	Door	Closet		Wood	Varnish	I	0.00	NEG
227	6/16/20	Unit 324	Bedroom 1	C	Wall	Closet		Wood	Varnish	I	0.00	NEG
228	6/16/20	Unit 324	Bedroom 1	C	Drawers		Top	Wood	Varnish	I	0.00	NEG
229	6/16/20	Unit 324	Bedroom 1	C	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
230	6/16/20	Unit 324	Bedroom 1	B	Radiator			Metal	White	I	0.00	NEG
231	6/16/20	Unit 324	Bedroom 2	A	Wall			Drywall	White	I	0.00	NEG
232	6/16/20	Unit 324	Bedroom 2	B	Wall			Drywall	White	I	0.00	NEG
233	6/16/20	Unit 324	Bedroom 2	C	Wall			Drywall	White	I	0.00	NEG
234	6/16/20	Unit 324	Bedroom 2	D	Wall			Drywall	White	I	0.00	NEG
235	6/16/20	Unit 324	Bedroom 2	--	Ceiling			Drywall	White	I	0.01	NEG
236	6/16/20	Unit 324	Bedroom 2	D	Baseboard			Wood	White	I	0.00	NEG
237	6/16/20	Unit 324	Bedroom 2	D	Door			Wood	Varnish	I	0.00	NEG
238	6/16/20	Unit 324	Bedroom 2	D	Door		Jamb	Metal	Tan	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
239	6/16/20	Unit 324	Bedroom 2	B	Window		Sill	Wood	White	I	0.00	NEG
240	6/16/20	Unit 324	Bedroom 2	B	Window		Case	Wood	White	I	0.00	NEG
241	6/16/20	Unit 324	Bedroom 2	A	Door	Closet		Wood	Varnish	I	0.00	NEG
242	6/16/20	Unit 324	Bedroom 2	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
243	6/16/20	Unit 324	Bedroom 2	C	Drawers		Top	Wood	Varnish	I	0.00	NEG
244	6/16/20	Unit 324	Bedroom 2	C	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
245	6/16/20	Unit 324	Bedroom 2	--	Ceiling Support			Concrete	White	I	0.00	NEG
246	6/16/20	Unit 324	Bedroom 2	B	Support Column			Concrete	White	I	0.00	NEG
247	6/16/20	Unit 324	Bedroom 2	B	Radiator			Metal	White	I	0.00	NEG
248	6/16/20	Unit 326	Entry	A	Wall			Drywall	White	I	0.00	NEG
249	6/16/20	Unit 326	Entry	B	Wall			Drywall	White	I	0.00	NEG
250	6/16/20	Unit 326	Entry	C	Wall			Drywall	White	I	0.00	NEG
251	6/16/20	Unit 326	Entry	D	Wall			Drywall	White	I	0.00	NEG
252	6/16/20	Unit 326	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
253	6/16/20	Unit 326	Entry	B	Baseboard			Wood	White	I	0.00	NEG
254	6/16/20	Unit 326	Entry	A	Door			Wood	Varnish	I	0.00	NEG
255	6/16/20	Unit 326	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
256	6/16/20	Unit 326	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
257	6/16/20	Unit 326	Entry	D	Wall	Closet		Drywall	White	I	0.00	NEG
258	6/16/20	Unit 326	Bath	A	Wall			Drywall	White	I	0.00	NEG
259	6/16/20	Unit 326	Bath	B	Wall			Drywall	White	I	0.00	NEG
260	6/16/20	Unit 326	Bath	C	Wall			Drywall	White	I	0.01	NEG
261	6/16/20	Unit 326	Bath	D	Wall			Drywall	White	I	0.00	NEG
262	6/16/20	Unit 326	Bath	--	Ceiling			Drywall	White	I	0.29	NEG
263	6/16/20	Unit 326	Bath	D	Door			Wood	Varnish	I	0.00	NEG
264	6/16/20	Unit 326	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
265	6/16/20	Unit 326	Bath	B	Cabinet		Door	Wood	Varnish	I	0.00	NEG
266	6/16/20	Unit 326	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
267	6/16/20	Unit 326	Bath	C	Radiator			Metal	White	I	0.00	NEG
268	6/16/20	Unit 326	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
269	6/16/20	Unit 326	Kitchen	B	Wall			Drywall	White	I	0.13	NEG
270	6/16/20	Unit 326	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
271	6/16/20	Unit 326	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
272	6/16/20	Unit 326	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
273	6/16/20	Unit 326	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
274	6/16/20	Unit 326	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
275	6/16/20	Unit 326	Living Room	A	Wall			Drywall	White	I	0.00	NEG
276	6/16/20	Unit 326	Living Room	B	Wall			Drywall	White	I	0.00	NEG
277	6/16/20	Unit 326	Living Room	C	Wall			Drywall	White	I	0.00	NEG
278	6/16/20	Unit 326	Living Room	D	Wall			Drywall	White	I	0.00	NEG
279	6/16/20	Unit 326	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
280	6/16/20	Unit 326	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
281	6/16/20	Unit 326	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
282	6/16/20	Unit 326	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
283	6/16/20	Unit 326	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
284	6/16/20	Unit 326	Living Room	C	Radiator			Metal	White	I	0.01	NEG
285	6/16/20	Unit 326	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
286	6/16/20	Unit 326	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
287	6/16/20	Unit 326	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
288	6/16/20	Unit 326	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
289	6/16/20	Unit 326	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
290	6/16/20	Unit 326	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
291	6/16/20	Unit 326	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
292	6/16/20	Unit 326	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
293	6/16/20	Unit 326	Bedroom	D	Window		Case	Wood	White	I	0.07	NEG
294	6/16/20	Unit 326	Bedroom	A	Door			Wood	Varnish	I	0.00	NEG
295	6/16/20	Unit 326	Bedroom	A	Door		Jamb	Wood	White	I	0.00	NEG
296	6/16/20	Unit 326	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
297	6/16/20	Unit 326	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
298	6/16/20	Unit 326	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
299	6/16/20	Unit 326	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
300	6/16/20	Unit 326	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
301	6/16/20	Unit 309	Entry	A	Wall			Drywall	White	I	0.00	NEG
302	6/16/20	Unit 309	Entry	B	Wall			Drywall	White	I	0.00	NEG
303	6/16/20	Unit 309	Entry	C	Wall			Drywall	White	I	0.00	NEG
304	6/16/20	Unit 309	Entry	D	Wall			Drywall	White	I	0.02	NEG
305	6/16/20	Unit 309	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
306	6/16/20	Unit 309	Entry	B	Baseboard			Wood	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
307	6/16/20	Unit 309	Entry	A	Door			Wood	Varnish	I	0.00	NEG
308	6/16/20	Unit 309	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
309	6/16/20	Unit 309	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
310	6/16/20	Unit 309	Entry	D	Wall	Closet		Drywall	White	I	0.00	NEG
311	6/16/20	Unit 309	Bath	A	Wall			Drywall	White	I	0.00	NEG
312	6/16/20	Unit 309	Bath	B	Wall			Drywall	White	I	0.00	NEG
313	6/16/20	Unit 309	Bath	C	Wall			Drywall	White	I	0.00	NEG
314	6/16/20	Unit 309	Bath	D	Wall			Drywall	White	I	0.00	NEG
315	6/16/20	Unit 309	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
316	6/16/20	Unit 309	Bath	D	Door			Wood	Varnish	I	0.00	NEG
317	6/16/20	Unit 309	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
318	6/16/20	Unit 309	Bath	B	Cabinet		Door	Wood	Varnish	I	0.01	NEG
319	6/16/20	Unit 309	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
320	6/16/20	Unit 309	Bath	C	Radiator			Metal	White	I	0.00	NEG
321	6/16/20	Unit 309	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
322	6/16/20	Unit 309	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
323	6/16/20	Unit 309	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
324	6/16/20	Unit 309	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
325	6/16/20	Unit 309	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
326	6/16/20	Unit 309	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
327	6/16/20	Unit 309	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
328	6/16/20	Unit 309	Living Room	A	Wall			Drywall	White	I	0.00	NEG
329	6/16/20	Unit 309	Living Room	B	Wall			Drywall	White	I	0.00	NEG
330	6/16/20	Unit 309	Living Room	C	Wall			Drywall	White	I	0.00	NEG
331	6/16/20	Unit 309	Living Room	D	Wall			Drywall	White	I	0.06	NEG
332	6/16/20	Unit 309	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
333	6/16/20	Unit 309	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
334	6/16/20	Unit 309	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
335	6/16/20	Unit 309	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
336	6/16/20	Unit 309	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
337	6/16/20	Unit 309	Living Room	C	Radiator			Metal	White	I	0.00	NEG
338	6/16/20	Unit 309	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
339	6/16/20	Unit 309	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
340	6/16/20	Unit 309	Bedroom	A	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
341	6/16/20	Unit 309	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
342	6/16/20	Unit 309	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
343	6/16/20	Unit 309	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
344	6/16/20	Unit 309	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
345	6/16/20	Unit 309	Bedroom	B	Baseboard			Wood	White	I	0.01	NEG
346	6/16/20	Unit 309	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
347	6/16/20	Unit 309	Bedroom	A	Door			Wood	Varnish	I	0.00	NEG
348	6/16/20	Unit 309	Bedroom	A	Door		Jamb	Wood	White	I	0.00	NEG
349	6/16/20	Unit 309	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
350	6/16/20	Unit 309	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
351	6/16/20	Unit 309	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
352	6/16/20	Unit 309	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.06	NEG
353	6/16/20	Unit 309	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
354	6/16/20	Unit 307	Living Room	A	Wall			Drywall	White	I	0.00	NEG
355	6/16/20	Unit 307	Living Room	B	Wall			Drywall	White	I	0.00	NEG
356	6/16/20	Unit 307	Living Room	C	Wall			Drywall	White	I	0.00	NEG
357	6/16/20	Unit 307	Living Room	D	Wall			Drywall	White	I	0.00	NEG
358	6/16/20	Unit 307	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
359	6/16/20	Unit 307	Living Room	D	Baseboard			Wood	White	I	0.00	NEG
360	6/16/20	Unit 307	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
361	6/16/20	Unit 307	Living Room	A	Door		Jamb	Metal	Tan	I	0.00	NEG
362	6/16/20	Unit 307	Living Room	A	Door	Closet		Wood	Varnish	I	0.00	NEG
363	6/16/20	Unit 307	Living Room	A	Wall	Closet		Drywall	White	I	0.00	NEG
364	6/16/20	Unit 307	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
365	6/16/20	Unit 307	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
366	6/16/20	Unit 307	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
367	6/16/20	Unit 307	Living Room	C	Radiator			Metal	White	I	0.08	NEG
368	6/16/20	Unit 307	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
369	6/16/20	Unit 307	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
370	6/16/20	Unit 307	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
371	6/16/20	Unit 307	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
372	6/16/20	Unit 307	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
373	6/16/20	Unit 307	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
374	6/16/20	Unit 307	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
375	6/16/20	Unit 307	Kitchen	C	Support Column			Concrete	White	I	0.00	NEG
376	6/16/20	Unit 307	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
377	6/16/20	Unit 307	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.05	NEG
378	6/16/20	Unit 307	Hall	A	Wall			Drywall	White	I	0.01	NEG
379	6/16/20	Unit 307	Hall	B	Wall			Drywall	White	I	0.00	NEG
380	6/16/20	Unit 307	Hall	C	Wall			Drywall	White	I	0.00	NEG
381	6/16/20	Unit 307	Hall	D	Wall			Drywall	White	I	0.00	NEG
382	6/16/20	Unit 307	Hall	--	Ceiling			Drywall	White	I	0.00	NEG
383	6/16/20	Unit 307	Hall	C	Baseboard			Wood	White	I	0.00	NEG
384	6/16/20	Unit 307	Hall	B	Door			Wood	Varnish	I	0.00	NEG
385	6/16/20	Unit 307	Hall	B	Door		Jamb	Wood	White	I	0.00	NEG
386	6/16/20	Unit 307	Hall	A	Door	Closet		Wood	Varnish	I	0.00	NEG
387	6/16/20	Unit 307	Hall	A	Wall	Closet		Drywall	White	I	0.00	NEG
388	6/16/20	Unit 307	Bath	A	Wall			Drywall	White	I	0.00	NEG
389	6/16/20	Unit 307	Bath	B	Wall			Drywall	White	I	0.00	NEG
390	6/16/20	Unit 307	Bath	C	Wall			Drywall	White	I	0.00	NEG
391	6/16/20	Unit 307	Bath	D	Wall			Drywall	White	I	0.00	NEG
392	6/16/20	Unit 307	Bath	--	Ceiling			Drywall	White	I	0.01	NEG
393	6/16/20	Unit 307	Bath	B	Door			Wood	Varnish	I	0.00	NEG
394	6/16/20	Unit 307	Bath	B	Door		Jamb	Wood	White	I	0.00	NEG
395	6/16/20	Unit 307	Bath	A	Cabinet		Door	Wood	Varnish	I	0.00	NEG
396	6/16/20	Unit 307	Bath	A	Cabinet		Base	Wood	Varnish	I	0.01	NEG
397	6/16/20	Unit 307	Bath	C	Radiator			Metal	White	I	0.00	NEG
398	6/16/20	Unit 307	Bedroom 1	A	Wall			Drywall	White	I	0.00	NEG
399	6/16/20	Unit 307	Bedroom 1	B	Wall			Drywall	White	I	0.00	NEG
400	6/16/20	Unit 307	Bedroom 1	C	Wall			Drywall	White	I	0.00	NEG
401	6/16/20	Unit 307	Bedroom 1	D	Wall			Drywall	White	I	0.00	NEG
402	6/16/20	Unit 307	Bedroom 1	--	Ceiling			Drywall	White	I	0.00	NEG
403	6/16/20	Unit 307	Bedroom 1	B	Baseboard			Wood	White	I	0.00	NEG
404	6/16/20	Unit 307	Bedroom 1	D	Door			Wood	Varnish	I	0.00	NEG
405	6/16/20	Unit 307	Bedroom 1	D	Door		Jamb	Metal	Tan	I	0.00	NEG
406	6/16/20	Unit 307	Bedroom 1	B	Window		Case	Wood	White	I	0.00	NEG
407	6/16/20	Unit 307	Bedroom 1	C	Door	Closet		Wood	Varnish	I	0.00	NEG
408	6/16/20	Unit 307	Bedroom 1	C	Wall	Closet		Wood	Varnish	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
409	6/16/20	Unit 307	Bedroom 1	C	Drawers		Top	Wood	Varnish	I	0.00	NEG
410	6/16/20	Unit 307	Bedroom 1	C	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
411	6/16/20	Unit 307	Bedroom 1	B	Radiator			Metal	White	I	0.01	NEG
412	6/16/20	Unit 307	Bedroom 2	A	Wall			Drywall	White	I	0.00	NEG
413	6/16/20	Unit 307	Bedroom 2	B	Wall			Drywall	White	I	0.00	NEG
414	6/16/20	Unit 307	Bedroom 2	C	Wall			Drywall	White	I	0.00	NEG
415	6/16/20	Unit 307	Bedroom 2	D	Wall			Drywall	White	I	0.00	NEG
416	6/16/20	Unit 307	Bedroom 2	--	Ceiling			Drywall	White	I	0.00	NEG
417	6/16/20	Unit 307	Bedroom 2	D	Baseboard			Wood	White	I	0.00	NEG
418	6/16/20	Unit 307	Bedroom 2	D	Door			Wood	Varnish	I	0.00	NEG
419	6/16/20	Unit 307	Bedroom 2	D	Door		Jamb	Metal	Tan	I	0.01	NEG
420	6/16/20	Unit 307	Bedroom 2	B	Window		Sill	Wood	White	I	0.00	NEG
421	6/16/20	Unit 307	Bedroom 2	B	Window		Case	Wood	White	I	0.00	NEG
422	6/16/20	Unit 307	Bedroom 2	A	Door	Closet		Wood	Varnish	I	0.00	NEG
423	6/16/20	Unit 307	Bedroom 2	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
424	6/16/20	Unit 307	Bedroom 2	C	Drawers		Top	Wood	Varnish	I	0.00	NEG
425	6/16/20	Unit 307	Bedroom 2	C	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
426	6/16/20	Unit 307	Bedroom 2	--	Ceiling Support			Concrete	White	I	0.00	NEG
427	6/16/20	Unit 307	Bedroom 2	B	Support Column			Concrete	White	I	0.00	NEG
428	6/16/20	Unit 307	Bedroom 2	B	Radiator			Metal	White	I	0.00	NEG
429	6/16/20	Unit 410	Entry	A	Wall			Drywall	White	I	0.00	NEG
430	6/16/20	Unit 410	Entry	B	Wall			Drywall	White	I	0.00	NEG
431	6/16/20	Unit 410	Entry	C	Wall			Drywall	White	I	0.00	NEG
432	6/16/20	Unit 410	Entry	D	Wall			Drywall	White	I	0.00	NEG
433	6/16/20	Unit 410	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
434	6/16/20	Unit 410	Entry	B	Baseboard			Wood	White	I	0.00	NEG
435	6/16/20	Unit 410	Entry	A	Door			Wood	Varnish	I	0.00	NEG
436	6/16/20	Unit 410	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
437	6/16/20	Unit 410	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
438	6/16/20	Unit 410	Entry	D	Wall	Closet		Drywall	White	I	0.01	NEG
439	6/16/20	Unit 410	Bath	A	Wall			Drywall	White	I	0.02	NEG
440	6/16/20	Unit 410	Bath	B	Wall			Drywall	White	I	0.03	NEG
441	6/16/20	Unit 410	Bath	C	Wall			Drywall	White	I	0.00	NEG
442	6/16/20	Unit 410	Bath	D	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
443	6/16/20	Unit 410	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
444	6/16/20	Unit 410	Bath	D	Door			Wood	Varnish	I	0.00	NEG
445	6/16/20	Unit 410	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
446	6/16/20	Unit 410	Bath	B	Cabinet		Door	Wood	Varnish	I	0.00	NEG
447	6/16/20	Unit 410	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
448	6/16/20	Unit 410	Bath	C	Radiator			Metal	White	I	0.00	NEG
449	6/16/20	Unit 410	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
450	6/16/20	Unit 410	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
451	6/16/20	Unit 410	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
452	6/16/20	Unit 410	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
453	6/16/20	Unit 410	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
454	6/16/20	Unit 410	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.01	NEG
455	6/16/20	Unit 410	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
456	6/16/20	Unit 410	Living Room	A	Wall			Drywall	White	I	0.00	NEG
457	6/16/20	Unit 410	Living Room	B	Wall			Drywall	White	I	0.00	NEG
458	6/16/20	Unit 410	Living Room	C	Wall			Drywall	White	I	0.00	NEG
459	6/16/20	Unit 410	Living Room	D	Wall			Drywall	White	I	0.00	NEG
460	6/16/20	Unit 410	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
461	6/16/20	Unit 410	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
462	6/16/20	Unit 410	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
463	6/16/20	Unit 410	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
464	6/16/20	Unit 410	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
465	6/16/20	Unit 410	Living Room	C	Radiator			Metal	White	I	0.00	NEG
466	6/16/20	Unit 410	Living Room	D	Support Column			Concrete	White	I	0.03	NEG
467	6/16/20	Unit 410	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
468	6/16/20	Unit 410	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
469	6/16/20	Unit 410	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
470	6/16/20	Unit 410	Bedroom	C	Wall			Drywall	White	I	-0.64	NEG
471	6/16/20	Unit 410	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
472	6/16/20	Unit 410	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
473	6/16/20	Unit 410	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
474	6/16/20	Unit 410	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
475	6/16/20	Unit 410	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
476	6/16/20	Unit 410	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
477	6/16/20	Unit 410	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
478	6/16/20	Unit 410	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
479	6/16/20	Unit 410	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
480	6/16/20	Unit 421	Entry	A	Wall			Drywall	White	I	0.00	NEG
481	6/16/20	Unit 421	Entry	B	Wall			Drywall	White	I	0.00	NEG
482	6/16/20	Unit 421	Entry	C	Wall			Drywall	White	I	0.00	NEG
483	6/16/20	Unit 421	Entry	D	Wall			Drywall	White	I	0.00	NEG
484	6/16/20	Unit 421	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
485	6/16/20	Unit 421	Entry	B	Baseboard			Wood	White	I	0.00	NEG
486	6/16/20	Unit 421	Entry	A	Door			Wood	Varnish	I	0.00	NEG
487	6/16/20	Unit 421	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
488	6/16/20	Unit 421	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
489	6/16/20	Unit 421	Entry	D	Wall	Closet		Drywall	White	I	0.00	NEG
490	6/16/20	Unit 421	Bath	A	Wall			Drywall	White	I	0.00	NEG
491	6/16/20	Unit 421	Bath	B	Wall			Drywall	White	I	0.00	NEG
492	6/16/20	Unit 421	Bath	C	Wall			Drywall	White	I	0.00	NEG
493	6/16/20	Unit 421	Bath	D	Wall			Drywall	White	I	0.00	NEG
494	6/16/20	Unit 421	Bath	--	Ceiling			Drywall	White	I	0.01	NEG
495	6/16/20	Unit 421	Bath	D	Door			Wood	Varnish	I	0.00	NEG
496	6/16/20	Unit 421	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
497	6/16/20	Unit 421	Bath	B	Cabinet		Door	Wood	Varnish	I	0.02	NEG
498	6/16/20	Unit 421	Bath	B	Cabinet		Base	Wood	Varnish	I	0.02	NEG
499	6/16/20	Unit 421	Bath	C	Radiator			Metal	White	I	0.00	NEG
500	6/16/20	Unit 421	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
501	6/16/20	Unit 421	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
502	6/16/20	Unit 421	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
503	6/16/20	Unit 421	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
504	6/16/20	Unit 421	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
505	6/16/20	Unit 421	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
506	6/16/20	Unit 421	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
507	6/16/20	Unit 421	Living Room	A	Wall			Drywall	White	I	0.00	NEG
508	6/16/20	Unit 421	Living Room	B	Wall			Drywall	White	I	0.00	NEG
509	6/16/20	Unit 421	Living Room	C	Wall			Drywall	White	I	0.00	NEG
510	6/16/20	Unit 421	Living Room	D	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
511	6/16/20	Unit 421	Living Room	--	Ceiling			Drywall	White	I	0.01	NEG
512	6/16/20	Unit 421	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
513	6/16/20	Unit 421	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
514	6/16/20	Unit 421	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
515	6/16/20	Unit 421	Living Room	C	AC Casing			Wood	White	I	0.01	NEG
516	6/16/20	Unit 421	Living Room	C	Radiator			Metal	White	I	0.00	NEG
517	6/16/20	Unit 421	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
518	6/16/20	Unit 421	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
519	6/16/20	Unit 421	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
520	6/16/20	Unit 421	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
521	6/16/20	Unit 421	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
522	6/16/20	Unit 421	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
523	6/16/20	Unit 421	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
524	6/16/20	Unit 421	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
525	6/16/20	Unit 421	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
526	6/16/20	Unit 421	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
527	6/16/20	Unit 421	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.01	NEG
528	6/16/20	Unit 421	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
529	6/16/20	Unit 421	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
530	6/16/20	Unit 421	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
531	6/16/20	Unit 605	Living Room	A	Wall			Drywall	White	I	0.00	NEG
532	6/16/20	Unit 605	Living Room	B	Wall			Drywall	White	I	0.00	NEG
533	6/16/20	Unit 605	Living Room	C	Wall			Drywall	White	I	0.00	NEG
534	6/16/20	Unit 605	Living Room	D	Wall			Drywall	White	I	0.00	NEG
535	6/16/20	Unit 605	Living Room	E	Wall			Drywall	White	I	0.00	NEG
536	6/16/20	Unit 605	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
537	6/16/20	Unit 605	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
538	6/16/20	Unit 605	Living Room	A	Door		Jamb	Metal	White	I	0.00	NEG
539	6/16/20	Unit 605	Living Room	B	Door		Jamb	Wood	White	I	0.00	NEG
540	6/16/20	Unit 605	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
541	6/16/20	Unit 605	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
542	6/16/20	Unit 605	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
543	6/16/20	Unit 605	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
544	6/16/20	Unit 605	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
545	6/16/20	Unit 605	Living Room	C	Radiator			Metal	White	I	0.00	NEG
546	6/16/20	Unit 605	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
547	6/16/20	Unit 605	Bath	A	Wall			Drywall	White	I	0.00	NEG
548	6/16/20	Unit 605	Bath	B	Wall			Drywall	White	I	-0.63	NEG
549	6/16/20	Unit 605	Bath	C	Wall			Drywall	White	I	0.04	NEG
550	6/16/20	Unit 605	Bath	D	Wall			Drywall	White	I	0.01	NEG
551	6/16/20	Unit 605	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
552	6/16/20	Unit 605	Bath	D	Door			Wood	Varnish	I	0.00	NEG
553	6/16/20	Unit 605	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
554	6/16/20	Unit 605	Bath	C	Cabinet		Base	Wood	White	I	0.00	NEG
555	6/16/20	Unit 605	Bath	C	Cabinet		Shelf	Wood	White	I	0.00	NEG
556	6/16/20	Unit 605	Bath	D	Radiator			Metal	White	I	0.00	NEG
557	6/16/20	Unit 607	Entry	A	Wall			Drywall	White	I	0.00	NEG
558	6/16/20	Unit 607	Entry	B	Wall			Drywall	White	I	0.00	NEG
559	6/16/20	Unit 607	Entry	C	Wall			Drywall	White	I	0.00	NEG
560	6/16/20	Unit 607	Entry	D	Wall			Drywall	White	I	0.01	NEG
561	6/16/20	Unit 607	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
562	6/16/20	Unit 607	Entry	B	Baseboard			Wood	White	I	0.00	NEG
563	6/16/20	Unit 607	Entry	A	Door			Wood	Varnish	I	0.00	NEG
564	6/16/20	Unit 607	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
565	6/16/20	Unit 607	Entry	D	Door		Closet	Wood	Varnish	I	0.00	NEG
566	6/16/20	Unit 607	Entry	D	Wall		Closet	Drywall	White	I	0.00	NEG
567	6/16/20	Unit 607	Bath	A	Wall			Drywall	White	I	0.00	NEG
568	6/16/20	Unit 607	Bath	B	Wall			Drywall	White	I	0.00	NEG
569	6/16/20	Unit 607	Bath	C	Wall			Drywall	White	I	0.00	NEG
570	6/16/20	Unit 607	Bath	D	Wall			Drywall	White	I	0.00	NEG
571	6/16/20	Unit 607	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
572	6/16/20	Unit 607	Bath	D	Door			Wood	Varnish	I	0.00	NEG
573	6/16/20	Unit 607	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
574	6/16/20	Unit 607	Bath	B	Cabinet		Door	Wood	Varnish	I	0.03	NEG
575	6/16/20	Unit 607	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
576	6/16/20	Unit 607	Bath	C	Radiator			Metal	White	I	0.00	NEG
577	6/16/20	Unit 607	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
578	6/16/20	Unit 607	Kitchen	B	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
579	6/16/20	Unit 607	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
580	6/16/20	Unit 607	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
581	6/16/20	Unit 607	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
582	6/16/20	Unit 607	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
583	6/16/20	Unit 607	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
584	6/16/20	Unit 607	Living Room	A	Wall			Drywall	White	I	0.00	NEG
585	6/16/20	Unit 607	Living Room	B	Wall			Drywall	White	I	0.00	NEG
586	6/16/20	Unit 607	Living Room	C	Wall			Drywall	White	I	0.00	NEG
587	6/16/20	Unit 607	Living Room	D	Wall			Drywall	White	I	0.01	NEG
588	6/16/20	Unit 607	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
589	6/16/20	Unit 607	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
590	6/16/20	Unit 607	Living Room	C	Window		Sill	Wood	White	I	0.03	NEG
591	6/16/20	Unit 607	Living Room	C	Window		Case	Wood	White	I	0.01	NEG
592	6/16/20	Unit 607	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
593	6/16/20	Unit 607	Living Room	C	Radiator			Metal	White	I	0.00	NEG
594	6/16/20	Unit 607	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
595	6/16/20	Unit 607	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
596	6/16/20	Unit 607	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
597	6/16/20	Unit 607	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
598	6/16/20	Unit 607	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
599	6/16/20	Unit 607	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
600	6/16/20	Unit 607	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
601	6/16/20	Unit 607	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
602	6/16/20	Unit 607	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
603	6/16/20	Unit 607	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
604	6/16/20	Unit 607	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
605	6/16/20	Unit 607	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.02	NEG
606	6/16/20	Unit 607	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
607	6/16/20	Unit 607	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
608	6/16/20	Unit 610	Living Room	A	Wall			Drywall	White	I	0.00	NEG
609	6/16/20	Unit 610	Living Room	B	Wall			Drywall	White	I	0.00	NEG
610	6/16/20	Unit 610	Living Room	C	Wall			Drywall	White	I	0.00	NEG
611	6/16/20	Unit 610	Living Room	D	Wall			Drywall	White	I	0.00	NEG
612	6/16/20	Unit 610	Living Room	E	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
613	6/16/20	Unit 610	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
614	6/16/20	Unit 610	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
615	6/16/20	Unit 610	Living Room	A	Door		Jamb	Metal	White	I	0.01	NEG
616	6/16/20	Unit 610	Living Room	B	Door		Jamb	Wood	White	I	0.00	NEG
617	6/16/20	Unit 610	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
618	6/16/20	Unit 610	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
619	6/16/20	Unit 610	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
620	6/16/20	Unit 610	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
621	6/16/20	Unit 610	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.03	NEG
622	6/16/20	Unit 610	Living Room	C	Radiator			Metal	White	I	0.00	NEG
623	6/16/20	Unit 610	Living Room	A	Support Column			Concrete	White	I	0.01	NEG
624	6/16/20	Unit 610	Bath	A	Wall			Drywall	White	I	0.00	NEG
625	6/16/20	Unit 610	Bath	B	Wall			Drywall	White	I	0.00	NEG
626	6/16/20	Unit 610	Bath	C	Wall			Drywall	White	I	0.00	NEG
627	6/16/20	Unit 610	Bath	D	Wall			Drywall	White	I	0.00	NEG
628	6/16/20	Unit 610	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
629	6/16/20	Unit 610	Bath	D	Door			Wood	Varnish	I	0.00	NEG
630	6/16/20	Unit 610	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
631	6/16/20	Unit 610	Bath	C	Cabinet		Base	Wood	White	I	0.00	NEG
632	6/16/20	Unit 610	Bath	C	Cabinet		Shelf	Wood	White	I	0.00	NEG
633	6/16/20	Unit 610	Bath	D	Radiator			Metal	White	I	0.00	NEG
634	6/16/20	Unit 622	Living Room	A	Wall			Drywall	White	I	0.00	NEG
635	6/16/20	Unit 622	Living Room	B	Wall			Drywall	White	I	0.00	NEG
636	6/16/20	Unit 622	Living Room	C	Wall			Drywall	White	I	0.00	NEG
637	6/16/20	Unit 622	Living Room	D	Wall			Drywall	White	I	0.00	NEG
638	6/16/20	Unit 622	Living Room	E	Wall			Drywall	White	I	0.00	NEG
639	6/16/20	Unit 622	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
640	6/16/20	Unit 622	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
641	6/16/20	Unit 622	Living Room	A	Door		Jamb	Metal	White	I	0.00	NEG
642	6/16/20	Unit 622	Living Room	B	Door		Jamb	Wood	White	I	0.00	NEG
643	6/16/20	Unit 622	Living Room	B	Baseboard			Wood	White	I	0.01	NEG
644	6/16/20	Unit 622	Living Room	C	Window		Sill	Wood	White	I	0.01	NEG
645	6/16/20	Unit 622	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
646	6/16/20	Unit 622	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
647	6/16/20	Unit 622	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
648	6/16/20	Unit 622	Living Room	C	Radiator			Metal	White	I	0.00	NEG
649	6/16/20	Unit 622	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
650	6/16/20	Unit 622	Bath	A	Wall			Drywall	White	I	0.00	NEG
651	6/16/20	Unit 622	Bath	B	Wall			Drywall	White	I	0.00	NEG
652	6/16/20	Unit 622	Bath	C	Wall			Drywall	White	I	0.00	NEG
653	6/16/20	Unit 622	Bath	D	Wall			Drywall	White	I	0.00	NEG
654	6/16/20	Unit 622	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
655	6/16/20	Unit 622	Bath	D	Door			Wood	Varnish	I	0.02	NEG
656	6/16/20	Unit 622	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
657	6/16/20	Unit 622	Bath	C	Cabinet		Base	Wood	White	I	0.00	NEG
658	6/16/20	Unit 622	Bath	C	Cabinet		Shelf	Wood	White	I	0.00	NEG
659	6/16/20	Unit 622	Bath	D	Radiator			Metal	White	I	0.00	NEG
660	6/16/20	Calibration									1.10	POS
661	6/16/20	Calibration									1.10	POS
662	6/16/20	Calibration									1.00	POS
663	6/16/20	Calibration									0.00	NEG
664	6/16/20	Calibration									0.00	NEG
665	6/16/20	Calibration									0.00	NEG
666	6/16/20	Unit 619	Living Room	A	Wall			Drywall	White	I	0.00	NEG
667	6/16/20	Unit 619	Living Room	B	Wall			Drywall	White	I	0.00	NEG
668	6/16/20	Unit 619	Living Room	C	Wall			Drywall	White	I	0.00	NEG
669	6/16/20	Unit 619	Living Room	D	Wall			Drywall	White	I	0.04	NEG
670	6/16/20	Unit 619	Living Room	E	Wall			Drywall	White	I	0.00	NEG
671	6/16/20	Unit 619	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
672	6/16/20	Unit 619	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
673	6/16/20	Unit 619	Living Room	A	Door		Jamb	Metal	White	I	0.00	NEG
674	6/16/20	Unit 619	Living Room	B	Door		Jamb	Wood	White	I	0.00	NEG
675	6/16/20	Unit 619	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
676	6/16/20	Unit 619	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
677	6/16/20	Unit 619	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
678	6/16/20	Unit 619	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
679	6/16/20	Unit 619	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.03	NEG
680	6/16/20	Unit 619	Living Room	C	Radiator			Metal	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
681	6/16/20	Unit 619	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
682	6/16/20	Unit 619	Bath	A	Wall			Drywall	White	I	0.00	NEG
683	6/16/20	Unit 619	Bath	B	Wall			Drywall	White	I	0.00	NEG
684	6/16/20	Unit 619	Bath	C	Wall			Drywall	White	I	0.00	NEG
685	6/16/20	Unit 619	Bath	D	Wall			Drywall	White	I	0.00	NEG
686	6/16/20	Unit 619	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
687	6/16/20	Unit 619	Bath	D	Door			Wood	Varnish	I	0.00	NEG
688	6/16/20	Unit 619	Bath	D	Door	Jamb		Wood	White	I	0.00	NEG
689	6/16/20	Unit 619	Bath	C	Cabinet	Base		Wood	White	I	0.00	NEG
690	6/16/20	Unit 619	Bath	C	Cabinet	Shelf		Wood	White	I	0.00	NEG
691	6/16/20	Unit 619	Bath	D	Radiator			Metal	White	I	0.00	NEG
692	6/16/20	Unit 427	Living Room	A	Wall			Drywall	White	I	0.00	NEG
693	6/16/20	Unit 427	Living Room	B	Wall			Drywall	White	I	0.00	NEG
694	6/16/20	Unit 427	Living Room	C	Wall			Drywall	White	I	0.00	NEG
695	6/16/20	Unit 427	Living Room	D	Wall			Drywall	White	I	0.00	NEG
696	6/16/20	Unit 427	Living Room	E	Wall			Drywall	White	I	0.00	NEG
697	6/16/20	Unit 427	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
698	6/16/20	Unit 427	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
699	6/16/20	Unit 427	Living Room	A	Door	Jamb		Metal	White	I	0.02	NEG
700	6/16/20	Unit 427	Living Room	B	Door	Jamb		Wood	White	I	0.00	NEG
701	6/16/20	Unit 427	Living Room	B	Baseboard			Wood	White	I	0.02	NEG
702	6/16/20	Unit 427	Living Room	C	Window	Sill		Wood	White	I	0.01	NEG
703	6/16/20	Unit 427	Living Room	C	Window	Case		Wood	White	I	0.00	NEG
704	6/16/20	Unit 427	Living Room	A	Cabinet	Base		Wood	Varnish	I	0.00	NEG
705	6/16/20	Unit 427	Living Room	A	Cabinet	Shelf		Wood	Varnish	I	0.00	NEG
706	6/16/20	Unit 427	Living Room	C	Radiator			Metal	White	I	0.00	NEG
707	6/16/20	Unit 427	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
708	6/16/20	Unit 427	Bath	A	Wall			Drywall	White	I	0.00	NEG
709	6/16/20	Unit 427	Bath	B	Wall			Drywall	White	I	0.00	NEG
710	6/16/20	Unit 427	Bath	C	Wall			Drywall	White	I	0.00	NEG
711	6/16/20	Unit 427	Bath	D	Wall			Drywall	White	I	0.00	NEG
712	6/16/20	Unit 427	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
713	6/16/20	Unit 427	Bath	D	Door			Wood	Varnish	I	0.00	NEG
714	6/16/20	Unit 427	Bath	D	Door	Jamb		Wood	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
715	6/16/20	Unit 427	Bath	C	Cabinet		Base	Wood	White	I	0.01	NEG
716	6/16/20	Unit 427	Bath	C	Cabinet		Shelf	Wood	White	I	0.00	NEG
717	6/16/20	Unit 427	Bath	D	Radiator			Metal	White	I	0.00	NEG
718	6/16/20	Calibration									1.00	POS
719	6/16/20	Calibration									1.10	POS
720	6/16/20	Calibration									1.10	POS
721	6/16/20	Calibration									0.00	NEG
722	6/16/20	Calibration									0.00	NEG
723	6/16/20	Calibration									0.00	NEG
724	6/17/20	Calibration									0.80	NEG
725	6/17/20	Calibration									1.10	POS
726	6/17/20	Calibration									1.00	POS
727	6/17/20	Calibration									0.00	NEG
728	6/17/20	Calibration									0.00	NEG
729	6/17/20	Calibration									0.00	NEG
730	6/17/20	Unit 714	Entry	A	Wall			Drywall	White	I	0.00	NEG
731	6/17/20	Unit 714	Entry	B	Wall			Drywall	White	I	0.00	NEG
732	6/17/20	Unit 714	Entry	C	Wall			Drywall	White	I	0.00	NEG
733	6/17/20	Unit 714	Entry	D	Wall			Drywall	White	I	0.00	NEG
734	6/17/20	Unit 714	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
735	6/17/20	Unit 714	Entry	A	Door			Wood	Varnish	I	0.00	NEG
736	6/17/20	Unit 714	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
737	6/17/20	Unit 714	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
738	6/17/20	Unit 714	Entry	D	Wall	Closet		Drywall	White	I	0.00	NEG
739	6/17/20	Unit 714	Bath 1	A	Wall			Drywall	White	I	0.02	NEG
740	6/17/20	Unit 714	Bath 1	B	Wall			Drywall	White	I	0.00	NEG
741	6/17/20	Unit 714	Bath 1	C	Wall			Drywall	White	I	0.00	NEG
742	6/17/20	Unit 714	Bath 1	D	Wall			Drywall	White	I	0.00	NEG
743	6/17/20	Unit 714	Bath 1	--	Ceiling			Drywall	White	I	0.00	NEG
744	6/17/20	Unit 714	Bath 1	D	Door			Wood	Varnish	I	0.00	NEG
745	6/17/20	Unit 714	Bath 1	D	Door		Jamb	Wood	White	I	0.00	NEG
746	6/17/20	Unit 714	Bath 1	B	Cabinet		Door	Wood	Varnish	I	0.00	NEG
747	6/17/20	Unit 714	Bath 1	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
748	6/17/20	Unit 714	Bath 1	C	Radiator			Metal	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
749	6/17/20	Unit 714	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
750	6/17/20	Unit 714	Kitchen	B	Wall			Drywall	White	I	0.01	NEG
751	6/17/20	Unit 714	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
752	6/17/20	Unit 714	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
753	6/17/20	Unit 714	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
754	6/17/20	Unit 714	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.01	NEG
755	6/17/20	Unit 714	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
756	6/17/20	Unit 714	Living Room	A	Wall			Drywall	White	I	0.00	NEG
757	6/17/20	Unit 714	Living Room	B	Wall			Drywall	White	I	0.00	NEG
758	6/17/20	Unit 714	Living Room	C	Wall			Drywall	White	I	0.02	NEG
759	6/17/20	Unit 714	Living Room	D	Wall			Drywall	White	I	0.00	NEG
760	6/17/20	Unit 714	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
761	6/17/20	Unit 714	Living Room	C	Window		Sill	Wood	White	I	0.01	NEG
762	6/17/20	Unit 714	Living Room	C	Window		Case	Wood	White	I	0.02	NEG
763	6/17/20	Unit 714	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
764	6/17/20	Unit 714	Living Room	C	Radiator			Metal	White	I	0.00	NEG
765	6/17/20	Unit 714	Living Room	B	Sliding Door			Metal	Tan	I	0.00	NEG
766	6/17/20	Unit 714	Living Room	B	Sliding Door		Case	Wood	White	I	0.01	NEG
767	6/17/20	Unit 714	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
768	6/17/20	Unit 714	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
769	6/17/20	Unit 714	Bedroom	C	Wall			Drywall	White	I	0.01	NEG
770	6/17/20	Unit 714	Bedroom	D	Wall			Drywall	White	I	0.02	NEG
771	6/17/20	Unit 714	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
772	6/17/20	Unit 714	Bedroom	C	Window		Case	Wood	White	I	0.00	NEG
773	6/17/20	Unit 714	Bedroom	A	Door			Wood	Varnish	I	0.00	NEG
774	6/17/20	Unit 714	Bedroom	A	Door		Jamb	Wood	White	I	0.04	NEG
775	6/17/20	Unit 714	Bedroom	D	Door	Closet		Wood	Varnish	I	0.00	NEG
776	6/17/20	Unit 714	Bedroom	D	Wall	Closet		Wood	Varnish	I	0.00	NEG
777	6/17/20	Unit 714	Bedroom	D	Drawers		Top	Wood	Varnish	I	0.00	NEG
778	6/17/20	Unit 714	Bedroom	D	Drawers		Shelf	Wood	Varnish	I	0.01	NEG
779	6/17/20	Unit 714	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
780	6/17/20	Unit 714	Bath 2	A	Wall			Drywall	White	I	0.00	NEG
781	6/17/20	Unit 714	Bath 2	B	Wall			Drywall	White	I	0.00	NEG
782	6/17/20	Unit 714	Bath 2	C	Wall			Drywall	White	I	0.02	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
783	6/17/20	Unit 714	Bath 2	D	Wall			Drywall	White	I	0.00	NEG
784	6/17/20	Unit 714	Bath 2	--	Ceiling			Drywall	White	I	0.00	NEG
785	6/17/20	Unit 714	Bath 2	B	Door			Wood	Varnish	I	0.00	NEG
786	6/17/20	Unit 714	Bath 2	B	Door		Jamb	Wood	White	I	0.00	NEG
787	6/17/20	Unit 714	Bath 2	C	Cabinet		Door	Wood	Varnish	I	0.00	NEG
788	6/17/20	Unit 714	Bath 2	C	Cabinet		Base	Wood	Varnish	I	0.00	NEG
789	6/17/20	Unit 624	Living Room	A	Wall			Drywall	White	I	0.01	NEG
790	6/17/20	Unit 624	Living Room	B	Wall			Drywall	White	I	0.00	NEG
791	6/17/20	Unit 624	Living Room	C	Wall			Drywall	White	I	0.00	NEG
792	6/17/20	Unit 624	Living Room	D	Wall			Drywall	White	I	0.01	NEG
793	6/17/20	Unit 624	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
794	6/17/20	Unit 624	Living Room	B	Baseboard			Wood	White	I	0.02	NEG
795	6/17/20	Unit 624	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
796	6/17/20	Unit 624	Living Room	A	Door		Jamb	Metal	Tan	I	0.00	NEG
797	6/17/20	Unit 624	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
798	6/17/20	Unit 624	Living Room	C	Radiator			Metal	White	I	0.03	NEG
799	6/17/20	Unit 624	Living Room	D	Support Column			Concrete	White	I	0.01	NEG
800	6/17/20	Unit 624	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
801	6/17/20	Unit 624	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
802	6/17/20	Unit 624	Kitchen	B	Wall			Drywall	White	I	0.02	NEG
803	6/17/20	Unit 624	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
804	6/17/20	Unit 624	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
805	6/17/20	Unit 624	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
806	6/17/20	Unit 624	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
807	6/17/20	Unit 624	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
808	6/17/20	Unit 624	Hall	A	Wall			Drywall	White	I	0.01	NEG
809	6/17/20	Unit 624	Hall	B	Wall			Drywall	White	I	0.00	NEG
810	6/17/20	Unit 624	Hall	C	Wall			Drywall	White	I	0.00	NEG
811	6/17/20	Unit 624	Hall	D	Wall			Drywall	White	I	0.00	NEG
812	6/17/20	Unit 624	Hall	C	Baseboard			Wood	White	I	0.00	NEG
813	6/17/20	Unit 624	Hall	D	Door			Wood	Varnish	I	0.05	NEG
814	6/17/20	Unit 624	Hall	D	Door		Jamb	Wood	White	I	0.00	NEG
815	6/17/20	Unit 624	Hall	B	Door	Closet		Wood	Varnish	I	0.01	NEG
816	6/17/20	Unit 624	Hall	B	Wall	Closet		Drywall	White	I	0.01	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
817	6/17/20	Unit 624	Bath	A	Wall			Drywall	White	I	0.00	NEG
818	6/17/20	Unit 624	Bath	B	Wall			Drywall	White	I	0.00	NEG
819	6/17/20	Unit 624	Bath	C	Wall			Drywall	White	I	0.00	NEG
820	6/17/20	Unit 624	Bath	D	Wall			Drywall	White	I	0.00	NEG
821	6/17/20	Unit 624	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
822	6/17/20	Unit 624	Bath	D	Door			Wood	Varnish	I	0.00	NEG
823	6/17/20	Unit 624	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
824	6/17/20	Unit 624	Bath	B	Cabinet		Door	Wood	White	I	0.00	NEG
825	6/17/20	Unit 624	Bath	B	Cabinet		Base	Wood	White	I	0.00	NEG
826	6/17/20	Unit 624	Bath	C	Radiator			Metal	White	I	0.01	NEG
827	6/17/20	Unit 624	Bedroom	A	Wall			Drywall	White	I	0.02	NEG
828	6/17/20	Unit 624	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
829	6/17/20	Unit 624	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
830	6/17/20	Unit 624	Bedroom	D	Wall			Drywall	White	I	0.01	NEG
831	6/17/20	Unit 624	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
832	6/17/20	Unit 624	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
833	6/17/20	Unit 624	Bedroom	C	Window		Case	Wood	White	I	0.00	NEG
834	6/17/20	Unit 624	Bedroom	D	Door			Wood	Varnish	I	0.00	NEG
835	6/17/20	Unit 624	Bedroom	D	Door		Jamb	Wood	White	I	0.00	NEG
836	6/17/20	Unit 624	Bedroom	D	Door		Closet	Wood	Varnish	I	0.01	NEG
837	6/17/20	Unit 624	Bedroom	D	Wall		Closet	Wood	Varnish	I	0.00	NEG
838	6/17/20	Unit 624	Bedroom	D	Drawers		Top	Wood	Varnish	I	0.00	NEG
839	6/17/20	Unit 624	Bedroom	D	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
840	6/17/20	Unit 624	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
841	6/17/20	Unit 623	Living Room	A	Wall			Drywall	White	I	0.00	NEG
842	6/17/20	Unit 623	Living Room	B	Wall			Drywall	White	I	0.01	NEG
843	6/17/20	Unit 623	Living Room	C	Wall			Drywall	White	I	0.00	NEG
844	6/17/20	Unit 623	Living Room	D	Wall			Drywall	White	I	0.00	NEG
845	6/17/20	Unit 623	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
846	6/17/20	Unit 623	Living Room	B	Baseboard			Wood	White	I	0.01	NEG
847	6/17/20	Unit 623	Living Room	C	Window		Sill	Wood	White	I	0.10	NEG
848	6/17/20	Unit 623	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
849	6/17/20	Unit 623	Living Room	C	AC Casing			Wood	White	I	0.02	NEG
850	6/17/20	Unit 623	Living Room	C	Radiator			Metal	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
851	6/17/20	Unit 623	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
852	6/17/20	Unit 623	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
853	6/17/20	Unit 623	Living Room	A	Wall			Drywall	White	I	0.02	NEG
854	6/17/20	Unit 623	Living Room	B	Wall			Drywall	White	I	0.02	NEG
855	6/17/20	Unit 623	Living Room	C	Wall			Drywall	White	I	0.00	NEG
856	6/17/20	Unit 623	Living Room	D	Wall			Drywall	White	I	0.00	NEG
857	6/17/20	Unit 623	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
858	6/17/20	Unit 623	Living Room	B	Baseboard			Wood	White	I	0.02	NEG
859	6/17/20	Unit 623	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
860	6/17/20	Unit 623	Living Room	A	Door		Jamb	Metal	Tan	I	0.00	NEG
861	6/17/20	Unit 623	Living Room	C	AC Casing			Wood	White	I	0.01	NEG
862	6/17/20	Unit 623	Living Room	C	Radiator			Metal	White	I	0.00	NEG
863	6/17/20	Unit 623	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
864	6/17/20	Unit 623	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
865	6/17/20	Unit 623	Kitchen	A	Wall			Drywall	White	I	0.04	NEG
866	6/17/20	Unit 623	Kitchen	B	Wall			Drywall	White	I	0.01	NEG
867	6/17/20	Unit 623	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
868	6/17/20	Unit 623	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
869	6/17/20	Unit 623	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
870	6/17/20	Unit 623	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.03	NEG
871	6/17/20	Unit 623	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.01	NEG
872	6/17/20	Unit 623	Hall	A	Wall			Drywall	White	I	0.00	NEG
873	6/17/20	Unit 623	Hall	B	Wall			Drywall	White	I	0.06	NEG
874	6/17/20	Unit 623	Hall	C	Wall			Drywall	White	I	0.00	NEG
875	6/17/20	Unit 623	Hall	D	Wall			Drywall	White	I	0.00	NEG
876	6/17/20	Unit 623	Hall	C	Baseboard			Wood	White	I	0.00	NEG
877	6/17/20	Unit 623	Hall	D	Door			Wood	Varnish	I	0.00	NEG
878	6/17/20	Unit 623	Hall	D	Door		Jamb	Wood	White	I	0.00	NEG
879	6/17/20	Unit 623	Hall	B	Door	Closet		Wood	Varnish	I	0.00	NEG
880	6/17/20	Unit 623	Hall	B	Wall	Closet		Drywall	White	I	0.00	NEG
881	6/17/20	Unit 623	Bath	A	Wall			Drywall	White	I	0.00	NEG
882	6/17/20	Unit 623	Bath	B	Wall			Drywall	White	I	0.01	NEG
883	6/17/20	Unit 623	Bath	C	Wall			Drywall	White	I	0.02	NEG
884	6/17/20	Unit 623	Bath	D	Wall			Drywall	White	I	0.02	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
885	6/17/20	Unit 623	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
886	6/17/20	Unit 623	Bath	D	Door			Wood	Varnish	I	0.00	NEG
887	6/17/20	Unit 623	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
888	6/17/20	Unit 623	Bath	B	Cabinet		Door	Wood	White	I	0.00	NEG
889	6/17/20	Unit 623	Bath	B	Cabinet		Base	Wood	White	I	0.00	NEG
890	6/17/20	Unit 623	Bath	C	Radiator			Metal	White	I	0.00	NEG
891	6/17/20	Unit 623	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
892	6/17/20	Unit 623	Bedroom	B	Wall			Drywall	White	I	0.01	NEG
893	6/17/20	Unit 623	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
894	6/17/20	Unit 623	Bedroom	D	Wall			Drywall	White	I	0.02	NEG
895	6/17/20	Unit 623	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
896	6/17/20	Unit 623	Bedroom	B	Baseboard			Wood	White	I	0.07	NEG
897	6/17/20	Unit 623	Bedroom	C	Window		Case	Wood	White	I	0.00	NEG
898	6/17/20	Unit 623	Bedroom	D	Door			Wood	Varnish	I	0.00	NEG
899	6/17/20	Unit 623	Bedroom	D	Door		Jamb	Wood	White	I	0.00	NEG
900	6/17/20	Unit 623	Bedroom	D	Door	Closet		Wood	Varnish	I	0.00	NEG
901	6/17/20	Unit 623	Bedroom	D	Wall	Closet		Wood	Varnish	I	0.10	NEG
902	6/17/20	Unit 623	Bedroom	D	Drawers		Top	Wood	Varnish	I	0.00	NEG
903	6/17/20	Unit 623	Bedroom	D	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
904	6/17/20	Unit 623	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
905	6/17/20	Unit 623	Living Room	A	Wall			Drywall	White	I	0.00	NEG
906	6/17/20	Unit 623	Living Room	B	Wall			Drywall	White	I	0.00	NEG
907	6/17/20	Unit 623	Living Room	C	Wall			Drywall	White	I	0.00	NEG
908	6/17/20	Unit 623	Living Room	D	Wall			Drywall	White	I	0.00	NEG
909	6/17/20	Unit 623	Living Room	--	Ceiling			Drywall	White	I	0.04	NEG
910	6/17/20	Unit 623	Living Room	B	Baseboard			Wood	White	I	0.01	NEG
911	6/17/20	Unit 623	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
912	6/17/20	Unit 623	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
913	6/17/20	Unit 623	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
914	6/17/20	Unit 623	Living Room	C	Radiator			Metal	White	I	0.03	NEG
915	6/17/20	Unit 623	Living Room	D	Support Column			Concrete	White	I	0.03	NEG
916	6/17/20	Unit 623	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
917	6/17/20	Unit 705	Living Room	A	Wall			Drywall	White	I	0.00	NEG
918	6/17/20	Unit 705	Living Room	B	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
919	6/17/20	Unit 705	Living Room	C	Wall			Drywall	White	I	0.00	NEG
920	6/17/20	Unit 705	Living Room	D	Wall			Drywall	White	I	0.01	NEG
921	6/17/20	Unit 705	Living Room	E	Wall			Drywall	White	I	0.00	NEG
922	6/17/20	Unit 705	Living Room	--	Ceiling			Drywall	White	I	0.02	NEG
923	6/17/20	Unit 705	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
924	6/17/20	Unit 705	Living Room	A	Door		Jamb	Metal	White	I	0.00	NEG
925	6/17/20	Unit 705	Living Room	B	Door		Jamb	Wood	White	I	0.00	NEG
926	6/17/20	Unit 705	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
927	6/17/20	Unit 705	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
928	6/17/20	Unit 705	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
929	6/17/20	Unit 705	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.01	NEG
930	6/17/20	Unit 705	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.02	NEG
931	6/17/20	Unit 705	Living Room	C	Radiator			Metal	White	I	0.00	NEG
932	6/17/20	Unit 705	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
933	6/17/20	Unit 705	Bath	A	Wall			Drywall	White	I	0.00	NEG
934	6/17/20	Unit 705	Bath	B	Wall			Drywall	White	I	0.00	NEG
935	6/17/20	Unit 705	Bath	C	Wall			Drywall	White	I	0.03	NEG
936	6/17/20	Unit 705	Bath	D	Wall			Drywall	White	I	0.00	NEG
937	6/17/20	Unit 705	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
938	6/17/20	Unit 705	Bath	D	Door			Wood	Varnish	I	0.00	NEG
939	6/17/20	Unit 705	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
940	6/17/20	Unit 705	Bath	C	Cabinet		Base	Wood	White	I	0.06	NEG
941	6/17/20	Unit 705	Bath	C	Cabinet		Shelf	Wood	White	I	0.00	NEG
942	6/17/20	Unit 705	Bath	D	Radiator			Metal	White	I	0.00	NEG
943	6/17/20	Unit 709	Living Room	A	Wall			Drywall	White	I	0.00	NEG
944	6/17/20	Unit 709	Living Room	B	Wall			Drywall	White	I	0.03	NEG
945	6/17/20	Unit 709	Living Room	C	Wall			Drywall	White	I	0.00	NEG
946	6/17/20	Unit 709	Living Room	D	Wall			Drywall	White	I	0.02	NEG
947	6/17/20	Unit 709	Living Room	E	Wall			Drywall	White	I	0.00	NEG
948	6/17/20	Unit 709	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
949	6/17/20	Unit 709	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
950	6/17/20	Unit 709	Living Room	A	Door		Jamb	Metal	White	I	0.02	NEG
951	6/17/20	Unit 709	Living Room	B	Door		Jamb	Wood	White	I	0.02	NEG
952	6/17/20	Unit 709	Living Room	B	Baseboard			Wood	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
953	6/17/20	Unit 709	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
954	6/17/20	Unit 709	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
955	6/17/20	Unit 709	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
956	6/17/20	Unit 709	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.03	NEG
957	6/17/20	Unit 709	Living Room	C	Radiator			Metal	White	I	0.00	NEG
958	6/17/20	Unit 709	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
959	6/17/20	Unit 709	Bath	A	Wall			Drywall	White	I	0.01	NEG
960	6/17/20	Unit 709	Bath	B	Wall			Drywall	White	I	0.00	NEG
961	6/17/20	Unit 709	Bath	C	Wall			Drywall	White	I	0.00	NEG
962	6/17/20	Unit 709	Bath	D	Wall			Drywall	White	I	0.00	NEG
963	6/17/20	Unit 709	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
964	6/17/20	Unit 709	Bath	D	Door			Wood	Varnish	I	0.00	NEG
965	6/17/20	Unit 709	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
966	6/17/20	Unit 709	Bath	C	Cabinet		Base	Wood	White	I	0.09	NEG
967	6/17/20	Unit 709	Bath	C	Cabinet		Shelf	Wood	White	I	0.04	NEG
968	6/17/20	Unit 709	Bath	D	Radiator			Metal	White	I	0.00	NEG
969	6/17/20	Unit 710	Living Room	A	Wall			Drywall	White	I	0.00	NEG
970	6/17/20	Unit 710	Living Room	B	Wall			Drywall	White	I	0.00	NEG
971	6/17/20	Unit 710	Living Room	C	Wall			Drywall	White	I	0.00	NEG
972	6/17/20	Unit 710	Living Room	D	Wall			Drywall	White	I	0.00	NEG
973	6/17/20	Unit 710	Living Room	E	Wall			Drywall	White	I	0.00	NEG
974	6/17/20	Unit 710	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
975	6/17/20	Unit 710	Living Room	A	Door			Wood	Varnish	I	0.01	NEG
976	6/17/20	Unit 710	Living Room	A	Door		Jamb	Metal	White	I	0.00	NEG
977	6/17/20	Unit 710	Living Room	B	Door		Jamb	Wood	White	I	0.00	NEG
978	6/17/20	Unit 710	Living Room	B	Baseboard			Wood	White	I	0.01	NEG
979	6/17/20	Unit 710	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
980	6/17/20	Unit 710	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
981	6/17/20	Unit 710	Living Room	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
982	6/17/20	Unit 710	Living Room	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
983	6/17/20	Unit 710	Living Room	C	Radiator			Metal	White	I	0.00	NEG
984	6/17/20	Unit 710	Living Room	A	Support Column			Concrete	White	I	0.00	NEG
985	6/17/20	Unit 710	Bath	A	Wall			Drywall	White	I	0.01	NEG
986	6/17/20	Unit 710	Bath	B	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
987	6/17/20	Unit 710	Bath	C	Wall			Drywall	White	I	0.00	NEG
988	6/17/20	Unit 710	Bath	D	Wall			Drywall	White	I	0.00	NEG
989	6/17/20	Unit 710	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
990	6/17/20	Unit 710	Bath	D	Door			Wood	Varnish	I	0.00	NEG
991	6/17/20	Unit 710	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
992	6/17/20	Unit 710	Bath	C	Cabinet		Base	Wood	White	I	0.00	NEG
993	6/17/20	Unit 710	Bath	C	Cabinet		Shelf	Wood	White	I	0.00	NEG
994	6/17/20	Unit 710	Bath	D	Radiator			Metal	White	I	0.00	NEG
995	6/17/20	Unit 726	Entry	A	Wall			Drywall	White	I	0.00	NEG
996	6/17/20	Unit 726	Entry	B	Wall			Drywall	White	I	0.00	NEG
997	6/17/20	Unit 726	Entry	C	Wall			Drywall	White	I	0.00	NEG
998	6/17/20	Unit 726	Entry	D	Wall			Drywall	White	I	0.04	NEG
999	6/17/20	Unit 726	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
1000	6/17/20	Unit 726	Entry	B	Baseboard			Wood	White	I	0.00	NEG
1001	6/17/20	Unit 726	Entry	A	Door			Wood	Varnish	I	0.00	NEG
1002	6/17/20	Unit 726	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
1003	6/17/20	Unit 726	Entry	D	Door		Closet	Wood	Varnish	I	0.00	NEG
1004	6/17/20	Unit 726	Entry	D	Wall		Closet	Drywall	White	I	0.00	NEG
1005	6/17/20	Unit 726	Bath	A	Wall			Drywall	White	I	0.00	NEG
1006	6/17/20	Unit 726	Bath	B	Wall			Drywall	White	I	0.00	NEG
1007	6/17/20	Unit 726	Bath	C	Wall			Drywall	White	I	0.00	NEG
1008	6/17/20	Unit 726	Bath	D	Wall			Drywall	White	I	0.03	NEG
1009	6/17/20	Unit 726	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
1010	6/17/20	Unit 726	Bath	D	Door			Wood	Varnish	I	0.00	NEG
1011	6/17/20	Unit 726	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
1012	6/17/20	Unit 726	Bath	B	Cabinet		Door	Wood	Varnish	I	0.00	NEG
1013	6/17/20	Unit 726	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
1014	6/17/20	Unit 726	Bath	C	Radiator			Metal	White	I	0.00	NEG
1015	6/17/20	Unit 726	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
1016	6/17/20	Unit 726	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
1017	6/17/20	Unit 726	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
1018	6/17/20	Unit 726	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
1019	6/17/20	Unit 726	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
1020	6/17/20	Unit 726	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1021	6/17/20	Unit 726	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
1022	6/17/20	Unit 726	Living Room	A	Wall			Drywall	White	I	0.16	NEG
1023	6/17/20	Unit 726	Living Room	B	Wall			Drywall	White	I	0.00	NEG
1024	6/17/20	Unit 726	Living Room	C	Wall			Drywall	White	I	0.00	NEG
1025	6/17/20	Unit 726	Living Room	D	Wall			Drywall	White	I	0.00	NEG
1026	6/17/20	Unit 726	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
1027	6/17/20	Unit 726	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
1028	6/17/20	Unit 726	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
1029	6/17/20	Unit 726	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
1030	6/17/20	Unit 726	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
1031	6/17/20	Unit 726	Living Room	C	Radiator			Metal	White	I	0.01	NEG
1032	6/17/20	Unit 726	Living Room	D	Support Column			Concrete	White	I	0.01	NEG
1033	6/17/20	Unit 726	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
1034	6/17/20	Unit 726	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
1035	6/17/20	Unit 726	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
1036	6/17/20	Unit 726	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
1037	6/17/20	Unit 726	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
1038	6/17/20	Unit 726	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
1039	6/17/20	Unit 726	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
1040	6/17/20	Unit 726	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
1041	6/17/20	Unit 726	Bedroom	A	Door			Wood	Varnish	I	0.00	NEG
1042	6/17/20	Unit 726	Bedroom	A	Door		Jamb	Wood	White	I	0.00	NEG
1043	6/17/20	Unit 726	Bedroom	A	Door	Closet		Wood	Varnish	I	0.01	NEG
1044	6/17/20	Unit 726	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
1045	6/17/20	Unit 726	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
1046	6/17/20	Unit 726	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
1047	6/17/20	Unit 726	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
1048	6/17/20	Unit 821	Entry	A	Wall			Drywall	White	I	0.00	NEG
1049	6/17/20	Unit 821	Entry	B	Wall			Drywall	White	I	0.00	NEG
1050	6/17/20	Unit 821	Entry	C	Wall			Drywall	White	I	0.00	NEG
1051	6/17/20	Unit 821	Entry	D	Wall			Drywall	White	I	0.00	NEG
1052	6/17/20	Unit 821	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
1053	6/17/20	Unit 821	Entry	B	Baseboard			Wood	White	I	0.00	NEG
1054	6/17/20	Unit 821	Entry	A	Door			Wood	Varnish	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1055	6/17/20	Unit 821	Entry	A	Door		Jamb	Metal	Tan	I	0.01	NEG
1056	6/17/20	Unit 821	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
1057	6/17/20	Unit 821	Entry	D	Wall	Closet		Drywall	White	I	0.00	NEG
1058	6/17/20	Unit 821	Bath	A	Wall			Drywall	White	I	0.00	NEG
1059	6/17/20	Unit 821	Bath	B	Wall			Drywall	White	I	0.00	NEG
1060	6/17/20	Unit 821	Bath	C	Wall			Drywall	White	I	0.00	NEG
1061	6/17/20	Unit 821	Bath	D	Wall			Drywall	White	I	0.00	NEG
1062	6/17/20	Unit 821	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
1063	6/17/20	Unit 821	Bath	D	Door			Wood	Varnish	I	0.00	NEG
1064	6/17/20	Unit 821	Bath	D	Door		Jamb	Wood	White	I	0.01	NEG
1065	6/17/20	Unit 821	Bath	B	Cabinet		Door	Wood	Varnish	I	0.01	NEG
1066	6/17/20	Unit 821	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
1067	6/17/20	Unit 821	Bath	C	Radiator			Metal	White	I	0.00	NEG
1068	6/17/20	Unit 821	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
1069	6/17/20	Unit 821	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
1070	6/17/20	Unit 821	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
1071	6/17/20	Unit 821	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
1072	6/17/20	Unit 821	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
1073	6/17/20	Unit 821	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
1074	6/17/20	Unit 821	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
1075	6/17/20	Unit 821	Living Room	A	Wall			Drywall	White	I	0.01	NEG
1076	6/17/20	Unit 821	Living Room	B	Wall			Drywall	White	I	0.00	NEG
1077	6/17/20	Unit 821	Living Room	C	Wall			Drywall	White	I	0.01	NEG
1078	6/17/20	Unit 821	Living Room	D	Wall			Drywall	White	I	0.00	NEG
1079	6/17/20	Unit 821	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
1080	6/17/20	Unit 821	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
1081	6/17/20	Unit 821	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
1082	6/17/20	Unit 821	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
1083	6/17/20	Unit 821	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
1084	6/17/20	Unit 821	Living Room	C	Radiator			Metal	White	I	0.02	NEG
1085	6/17/20	Unit 821	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
1086	6/17/20	Unit 821	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
1087	6/17/20	Unit 821	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
1088	6/17/20	Unit 821	Bedroom	B	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1089	6/17/20	Unit 821	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
1090	6/17/20	Unit 821	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
1091	6/17/20	Unit 821	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
1092	6/17/20	Unit 821	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
1093	6/17/20	Unit 821	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
1094	6/17/20	Unit 821	Bedroom	A	Door			Wood	Varnish	I	0.01	NEG
1095	6/17/20	Unit 821	Bedroom	A	Door		Jamb	Wood	White	I	0.00	NEG
1096	6/17/20	Unit 821	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
1097	6/17/20	Unit 821	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
1098	6/17/20	Unit 821	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
1099	6/17/20	Unit 821	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
1100	6/17/20	Unit 821	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
1101	6/17/20	Unit 820	Entry	A	Wall			Drywall	White	I	0.00	NEG
1102	6/17/20	Unit 820	Entry	B	Wall			Drywall	White	I	0.01	NEG
1103	6/17/20	Unit 820	Entry	C	Wall			Drywall	White	I	0.00	NEG
1104	6/17/20	Unit 820	Entry	D	Wall			Drywall	White	I	0.00	NEG
1105	6/17/20	Unit 820	Entry	--	Ceiling			Drywall	White	I	0.00	NEG
1106	6/17/20	Unit 820	Entry	B	Baseboard			Wood	White	I	0.00	NEG
1107	6/17/20	Unit 820	Entry	A	Door			Wood	Varnish	I	0.00	NEG
1108	6/17/20	Unit 820	Entry	A	Door		Jamb	Metal	Tan	I	0.01	NEG
1109	6/17/20	Unit 820	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
1110	6/17/20	Unit 820	Entry	D	Wall	Closet		Drywall	White	I	0.00	NEG
1111	6/17/20	Unit 820	Bath	A	Wall			Drywall	White	I	0.00	NEG
1112	6/17/20	Unit 820	Bath	B	Wall			Drywall	White	I	0.00	NEG
1113	6/17/20	Unit 820	Bath	C	Wall			Drywall	White	I	0.00	NEG
1114	6/17/20	Unit 820	Bath	D	Wall			Drywall	White	I	0.00	NEG
1115	6/17/20	Unit 820	Bath	--	Ceiling			Drywall	White	I	0.00	NEG
1116	6/17/20	Unit 820	Bath	D	Door			Wood	Varnish	I	0.00	NEG
1117	6/17/20	Unit 820	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
1118	6/17/20	Unit 820	Bath	B	Cabinet		Door	Wood	Varnish	I	0.00	NEG
1119	6/17/20	Unit 820	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
1120	6/17/20	Unit 820	Bath	C	Radiator			Metal	White	I	0.00	NEG
1121	6/17/20	Unit 820	Kitchen	A	Wall			Drywall	White	I	0.00	NEG
1122	6/17/20	Unit 820	Kitchen	B	Wall			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1123	6/17/20	Unit 820	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
1124	6/17/20	Unit 820	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
1125	6/17/20	Unit 820	Kitchen	--	Ceiling			Drywall	White	I	0.01	NEG
1126	6/17/20	Unit 820	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
1127	6/17/20	Unit 820	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
1128	6/17/20	Unit 820	Living Room	A	Wall			Drywall	White	I	0.00	NEG
1129	6/17/20	Unit 820	Living Room	B	Wall			Drywall	White	I	0.00	NEG
1130	6/17/20	Unit 820	Living Room	C	Wall			Drywall	White	I	0.00	NEG
1131	6/17/20	Unit 820	Living Room	D	Wall			Drywall	White	I	0.00	NEG
1132	6/17/20	Unit 820	Living Room	--	Ceiling			Drywall	White	I	0.02	NEG
1133	6/17/20	Unit 820	Living Room	B	Baseboard			Wood	White	I	0.00	NEG
1134	6/17/20	Unit 820	Living Room	C	Window		Sill	Wood	White	I	0.00	NEG
1135	6/17/20	Unit 820	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
1136	6/17/20	Unit 820	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
1137	6/17/20	Unit 820	Living Room	C	Radiator			Metal	White	I	0.00	NEG
1138	6/17/20	Unit 820	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
1139	6/17/20	Unit 820	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG
1140	6/17/20	Unit 820	Bedroom	A	Wall			Drywall	White	I	0.02	NEG
1141	6/17/20	Unit 820	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
1142	6/17/20	Unit 820	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
1143	6/17/20	Unit 820	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
1144	6/17/20	Unit 820	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
1145	6/17/20	Unit 820	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
1146	6/17/20	Unit 820	Bedroom	D	Window		Case	Wood	White	I	0.00	NEG
1147	6/17/20	Unit 820	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
1148	6/17/20	Unit 820	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
1149	6/17/20	Unit 820	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
1150	6/17/20	Unit 820	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.06	NEG
1151	6/17/20	Unit 820	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
1152	6/17/20	Unit 621	Entry	A	Wall			Drywall	White	I	0.00	NEG
1153	6/17/20	Unit 621	Entry	B	Wall			Drywall	White	I	0.01	NEG
1154	6/17/20	Unit 621	Entry	C	Wall			Drywall	White	I	0.00	NEG
1155	6/17/20	Unit 621	Entry	D	Wall			Drywall	White	I	0.01	NEG
1156	6/17/20	Unit 621	Entry	--	Ceiling			Drywall	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1157	6/17/20	Unit 621	Entry	B	Baseboard			Wood	White	I	0.00	NEG
1158	6/17/20	Unit 621	Entry	A	Door			Wood	Varnish	I	0.00	NEG
1159	6/17/20	Unit 621	Entry	A	Door		Jamb	Metal	Tan	I	0.00	NEG
1160	6/17/20	Unit 621	Entry	D	Door	Closet		Wood	Varnish	I	0.00	NEG
1161	6/17/20	Unit 621	Entry	D	Wall	Closet		Drywall	White	I	0.00	NEG
1162	6/17/20	Unit 621	Bath	A	Wall			Drywall	White	I	0.00	NEG
1163	6/17/20	Unit 621	Bath	B	Wall			Drywall	White	I	0.00	NEG
1164	6/17/20	Unit 621	Bath	C	Wall			Drywall	White	I	0.00	NEG
1165	6/17/20	Unit 621	Bath	D	Wall			Drywall	White	I	0.00	NEG
1166	6/17/20	Unit 621	Bath	--	Ceiling			Drywall	White	I	0.01	NEG
1167	6/17/20	Unit 621	Bath	D	Door			Wood	Varnish	I	0.00	NEG
1168	6/17/20	Unit 621	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
1169	6/17/20	Unit 621	Bath	B	Cabinet		Door	Wood	Varnish	I	0.00	NEG
1170	6/17/20	Unit 621	Bath	B	Cabinet		Base	Wood	Varnish	I	0.00	NEG
1171	6/17/20	Unit 621	Bath	C	Radiator			Metal	White	I	0.00	NEG
1172	6/17/20	Unit 621	Kitchen	A	Wall			Drywall	White	I	0.01	NEG
1173	6/17/20	Unit 621	Kitchen	B	Wall			Drywall	White	I	0.00	NEG
1174	6/17/20	Unit 621	Kitchen	C	Wall			Drywall	White	I	0.00	NEG
1175	6/17/20	Unit 621	Kitchen	D	Wall			Drywall	White	I	0.00	NEG
1176	6/17/20	Unit 621	Kitchen	--	Ceiling			Drywall	White	I	0.00	NEG
1177	6/17/20	Unit 621	Kitchen	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
1178	6/17/20	Unit 621	Kitchen	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
1179	6/17/20	Unit 621	Living Room	A	Wall			Drywall	White	I	0.00	NEG
1180	6/17/20	Unit 621	Living Room	B	Wall			Drywall	White	I	0.00	NEG
1181	6/17/20	Unit 621	Living Room	C	Wall			Drywall	White	I	0.00	NEG
1182	6/17/20	Unit 621	Living Room	D	Wall			Drywall	White	I	0.00	NEG
1183	6/17/20	Unit 621	Living Room	--	Ceiling			Drywall	White	I	0.00	NEG
1184	6/17/20	Unit 621	Living Room	B	Baseboard			Wood	White	I	0.05	NEG
1185	6/17/20	Unit 621	Living Room	C	Window		Sill	Wood	White	I	0.01	NEG
1186	6/17/20	Unit 621	Living Room	C	Window		Case	Wood	White	I	0.00	NEG
1187	6/17/20	Unit 621	Living Room	C	AC Casing			Wood	White	I	0.00	NEG
1188	6/17/20	Unit 621	Living Room	C	Radiator			Metal	White	I	0.00	NEG
1189	6/17/20	Unit 621	Living Room	D	Support Column			Concrete	White	I	0.00	NEG
1190	6/17/20	Unit 621	Living Room	--	Ceiling Support			Concrete	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1191	6/17/20	Unit 621	Bedroom	A	Wall			Drywall	White	I	0.00	NEG
1192	6/17/20	Unit 621	Bedroom	B	Wall			Drywall	White	I	0.00	NEG
1193	6/17/20	Unit 621	Bedroom	C	Wall			Drywall	White	I	0.00	NEG
1194	6/17/20	Unit 621	Bedroom	D	Wall			Drywall	White	I	0.00	NEG
1195	6/17/20	Unit 621	Bedroom	--	Ceiling			Drywall	White	I	0.00	NEG
1196	6/17/20	Unit 621	Bedroom	B	Baseboard			Wood	White	I	0.00	NEG
1197	6/17/20	Unit 621	Bedroom	D	Window		Case	Wood	White	I	0.04	NEG
1198	6/17/20	Unit 621	Bedroom	A	Door			Wood	Varnish	I	0.00	NEG
1199	6/17/20	Unit 621	Bedroom	A	Door		Jamb	Wood	White	I	0.00	NEG
1200	6/17/20	Unit 621	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
1201	6/17/20	Unit 621	Bedroom	A	Wall	Closet		Wood	Varnish	I	0.00	NEG
1202	6/17/20	Unit 621	Bedroom	A	Drawers		Top	Wood	Varnish	I	0.00	NEG
1203	6/17/20	Unit 621	Bedroom	A	Drawers		Shelf	Wood	Varnish	I	0.00	NEG
1204	6/17/20	Unit 621	Bedroom	C	Radiator			Metal	White	I	0.00	NEG
1205	6/17/20	Calibration									1.00	POS
1206	6/17/20	Calibration									1.00	POS
1207	6/17/20	Calibration									1.00	POS
1208	6/17/20	Calibration									0.00	NEG
1209	6/17/20	Calibration									0.00	NEG
1210	6/17/20	Calibration									0.00	NEG
1211	6/17/20	Commons	Lobby	A	Wall			Drywall	Light Tan	I	0.00	NEG
1212	6/17/20	Commons	Lobby	A	Wall			Drywall	Dark Tan	I	0.00	NEG
1213	6/17/20	Commons	Lobby	B	Wall			Drywall	Green	I	0.00	NEG
1214	6/17/20	Commons	Lobby	C	Wall			Drywall	Light Tan	I	0.00	NEG
1215	6/17/20	Commons	Lobby	D	Wall			Drywall	Light Tan	I	0.08	NEG
1216	6/17/20	Commons	Lobby	B	Baseboard			Wood	White	I	0.00	NEG
1217	6/17/20	Commons	Lobby	B	Chair Rail			Wood	White	I	0.00	NEG
1218	6/17/20	Commons	Lobby	B	Crown Molding			Wood	White	I	0.00	NEG
1219	6/17/20	Commons	Lobby	A	Elevator		Door	Metal	White	I	0.00	NEG
1220	6/17/20	Commons	Lobby	A	Elevator		Case	Metal	White	I	0.00	NEG
1221	6/17/20	Commons	Lobby	C	Radiator			Metal	White	I	0.00	NEG
1222	6/17/20	Commons	Lobby	--	Handrail			Metal	White	I	0.09	NEG
1223	6/17/20	Commons	Lobby	--	Balluster			Metal	White	I	0.00	NEG
1224	6/17/20	Commons	Lobby	B	Stringer			Metal	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1225	6/17/20	Commons	Lobby	B	Support Column			Concrete	White	I	0.00	NEG
1226	6/17/20	Commons	1st Fl Hall	A	Wall			Drywall	Light Tan	I	0.00	NEG
1227	6/17/20	Commons	1st Fl Hall	B	Wall			Drywall	Light Tan	I	0.00	NEG
1228	6/17/20	Commons	1st Fl Hall	C	Wall			Drywall	Light Tan	I	0.00	NEG
1229	6/17/20	Commons	1st Fl Hall	D	Wall			Drywall	Light Tan	I	0.02	NEG
1230	6/17/20	Commons	1st Fl Hall	A	Baseboard			Wood	White	I	0.00	NEG
1231	6/17/20	Commons	1st Fl Hall	A	Chair Rail			Wood	White	I	0.00	NEG
1232	6/17/20	Commons	1st Fl Hall	A	Wall			Drywall	Dark Tan	I	0.00	NEG
1233	6/17/20	Commons	1st Fl Hall	B	Wall			Drywall	Dark Tan	I	0.00	NEG
1234	6/17/20	Commons	1st Fl Hall	C	Wall			Drywall	Dark Tan	I	0.00	NEG
1235	6/17/20	Commons	1st Fl Hall	D	Wall			Drywall	Dark Tan	I	0.00	NEG
1236	6/17/20	Commons	1st Fl Hall	A	Wall			Cinderbloc	Dark Tan	I	0.00	NEG
1237	6/17/20	Commons	1st Fl Hall	C	Wall			Cinderbloc	Dark Tan	I	0.00	NEG
1238	6/17/20	Commons	1st Fl Hall	D	Crown Molding			Wood	White	I	0.00	NEG
1239	6/17/20	Commons	1st Fl Hall	A	Door			Wood	Varnish	I	0.00	NEG
1240	6/17/20	Commons	1st Fl Hall	A	Door		Case	Metal	White	I	0.00	NEG
1241	6/17/20	Commons	1st Fl Hall	C	Door			Metal	Black	I	0.00	NEG
1242	6/17/20	Commons	1st Fl Hall	C	Door		Jamb	Metal	Black	I	0.00	NEG
1243	6/17/20	Commons	Laundry	A	Wall			Cinderbloc	White	I	0.23	NEG
1244	6/17/20	Commons	Laundry	B	Wall			Drywall	Mural	I	0.00	NEG
1245	6/17/20	Commons	Laundry	C	Wall			Cinderbloc	White	I	0.00	NEG
1246	6/17/20	Commons	Laundry	D	Wall			Cinderbloc	White	I	0.00	NEG
1247	6/17/20	Commons	Laundry	--	Ceiling			Concrete	White	I	0.00	NEG
1248	6/17/20	Commons	Laundry	--	Raised Floor			Concrete	Grey	I	0.00	NEG
1249	6/17/20	Commons	Laundry	A	Door			Metal	Grey	I	0.00	NEG
1250	6/17/20	Commons	Laundry	A	Door		Jamb	Metal	White	I	0.00	NEG
1251	6/17/20	Commons	8th Fl Dining	A	Wall			Drywall	Blue	I	0.03	NEG
1252	6/17/20	Commons	8th Fl Dining	B	Wall			Drywall	Green	I	0.00	NEG
1253	6/17/20	Commons	8th Fl Dining	C	Wall			Drywall	Tan	I	0.00	NEG
1254	6/17/20	Commons	8th Fl Dining	D	Wall			Drywall	Tan	I	0.00	NEG
1255	6/17/20	Commons	8th Fl Dining	D	Wall			Drywall	Green	I	0.00	NEG
1256	6/17/20	Commons	8th Fl Dining	--	Ceiling Support			Wood	Varnish	I	0.00	NEG
1257	6/17/20	Commons	8th Fl Dining	--	Support Column			Wood	Varnish	I	0.00	NEG
1258	6/17/20	Commons	8th Fl Dining	--	Support Column			Concrete	Tan	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1259	6/17/20	Commons	8th Fl Dining	--	Support Column			Concrete	Black	I	0.00	NEG
1260	6/17/20	Commons	8th Fl Dining	C	Handrail			Metal	Brown	I	0.00	NEG
1261	6/17/20	Commons	8th Fl Dining	C	Balluster			Metal	Brown	I	0.00	NEG
1262	6/17/20	Commons	8th Fl Dining	A	Elevator		Door	Metal	Brown	I	0.02	NEG
1263	6/17/20	Commons	8th Fl Dining	A	Elevator		Case	Metal	Brown	I	0.00	NEG
1264	6/17/20	Commons	8th Fl Dining	D	Door			Metal	Brown	I	0.00	NEG
1265	6/17/20	Commons	8th Fl Dining	D	Door		Case	Metal	Brown	I	0.00	NEG
1266	6/17/20	Commons	8th Fl Hall	A	Wall			Drywall	Tan	I	0.00	NEG
1267	6/17/20	Commons	8th Fl Hall	B	Wall			Drywall	Tan	I	0.00	NEG
1268	6/17/20	Commons	8th Fl Hall	C	Wall			Drywall	Tan	I	0.00	NEG
1269	6/17/20	Commons	8th Fl Hall	D	Wall			Drywall	Tan	I	0.00	NEG
1270	6/17/20	Commons	8th Fl Hall	A	Wall			Cinderbloc	Blue	I	0.00	NEG
1271	6/17/20	Commons	8th Fl Hall	C	Wall			Cinderbloc	Blue	I	0.00	NEG
1272	6/17/20	Commons	8th Fl Hall	D	Wall			Wood	Blue	I	0.00	NEG
1273	6/17/20	Commons	8th Fl Hall	D	Crown Molding			Wood	White	I	0.00	NEG
1274	6/17/20	Commons	8th Fl Hall	A	Door			Wood	Varnish	I	0.00	NEG
1275	6/17/20	Commons	8th Fl Hall	A	Door		Case	Metal	White	I	0.00	NEG
1276	6/17/20	Commons	8th Fl Hall	C	Door			Metal	Black	I	0.00	NEG
1277	6/17/20	Commons	8th Fl Hall	C	Door		Jamb	Metal	Black	I	0.01	NEG
1278	6/17/20	Commons	Stair 1	A	Wall			Cinderbloc	White	I	0.01	NEG
1279	6/17/20	Commons	Stair 1	B	Wall			Cinderbloc	White	I	0.00	NEG
1280	6/17/20	Commons	Stair 1	C	Wall			Cinderbloc	White	I	0.00	NEG
1281	6/17/20	Commons	Stair 1	D	Wall			Cinderbloc	White	I	0.00	NEG
1282	6/17/20	Commons	Stair 1	--	Ceiling			Concrete	White	I	0.00	NEG
1283	6/17/20	Commons	Stair 1	--	Floor			Concrete	Yellow	I	0.00	NEG
1284	6/17/20	Commons	Stair 1	A	Door			Metal	Blue	I	0.00	NEG
1285	6/17/20	Commons	Stair 1	A	Door		Jamb	Metal	Blue	I	0.00	NEG
1286	6/17/20	Commons	Stair 1	--	Tread			Concrete	Yellow	I	0.00	NEG
1287	6/17/20	Commons	Stair 1	--	Riser			Concrete	Yellow	I	0.03	NEG
1288	6/17/20	Commons	Stair 1	A	Handrail			Metal	Blue	I	0.00	NEG
1289	6/17/20	Commons	Stair 1	A	Stringer			Metal	White	I	0.00	NEG
1290	6/17/20	Commons	Stair 1	B	Ladder			Metal	Blue	I	0.00	NEG
1291	6/17/20	Commons	7th Fl Hall	A	Wall			Drywall	Tan	I	0.00	NEG
1292	6/17/20	Commons	7th Fl Hall	B	Wall			Drywall	Tan	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1293	6/17/20	Commons	7th Fl Hall	C	Wall			Drywall	Tan	I	0.00	NEG
1294	6/17/20	Commons	7th Fl Hall	D	Wall			Drywall	Tan	I	0.00	NEG
1295	6/17/20	Commons	7th Fl Hall	A	Baseboard			Wood	White	I	0.00	NEG
1296	6/17/20	Commons	7th Fl Hall	A	Chair Rail			Wood	White	I	0.00	NEG
1297	6/17/20	Commons	7th Fl Hall	A	Wall			Cinderbloc	Tan	I	0.00	NEG
1298	6/17/20	Commons	7th Fl Hall	B	Wall			Wood	Tan	I	0.00	NEG
1299	6/17/20	Commons	7th Fl Hall	C	Crown Molding			Wood	Tan	I	0.00	NEG
1300	6/17/20	Commons	7th Fl Hall	A	Elevator		Door	Metal	Brown	I	0.02	NEG
1301	6/17/20	Commons	7th Fl Hall	A	Elevator		Case	Metal	Brown	I	0.03	NEG
1302	6/17/20	Commons	7th Fl Hall	A	Door			Wood	Varnish	I	0.00	NEG
1303	6/17/20	Commons	7th Fl Hall	A	Door		Case	Metal	White	I	0.00	NEG
1304	6/17/20	Commons	7th Fl Hall	C	Door			Metal	Black	I	0.00	NEG
1305	6/17/20	Commons	7th Fl Hall	C	Door		Jamb	Metal	Black	I	0.00	NEG
1306	6/17/20	Commons	7th Fl Activities	B	Wall			Concrete	Brown	I	0.00	NEG
1307	6/17/20	Commons	7th Fl Activities	B	Wall			Drywall	Light Tan	I	0.00	NEG
1308	6/17/20	Commons	7th Fl Activities	B	Wall			Drywall	Dark Tan	I	0.00	NEG
1309	6/17/20	Commons	7th Fl Activities	C	Wall			Concrete	Brown	I	0.00	NEG
1310	6/17/20	Commons	7th Fl Activities	D	Wall			Concrete	Brown	I	0.00	NEG
1311	6/17/20	Commons	7th Fl Activities	D	Wall			Drywall	Light Tan	I	0.00	NEG
1312	6/17/20	Commons	7th Fl Activities	D	Wall			Drywall	Dark Tan	I	0.00	NEG
1313	6/17/20	Commons	7th Fl Activities	--	Ceiling			Concrete	White	I	0.00	NEG
1314	6/17/20	Commons	7th Fl Activities	A	Door			Wood	White	I	0.00	NEG
1315	6/17/20	Commons	7th Fl Activities	A	Door		Jamb	Wood	Varnish	I	0.04	NEG
1316	6/17/20	Commons	7th Fl Activities	A	Window		Case	Wood	Varnish	I	0.00	NEG
1317	6/17/20	Commons	7th Fl Activities	C	Radiator			Metal	White	I	0.00	NEG
1318	6/17/20	Commons	Stair 2	A	Wall			Cinderbloc	White	I	0.00	NEG
1319	6/17/20	Commons	Stair 2	B	Wall			Cinderbloc	White	I	0.01	NEG
1320	6/17/20	Commons	Stair 2	C	Wall			Cinderbloc	White	I	0.00	NEG
1321	6/17/20	Commons	Stair 2	D	Wall			Cinderbloc	White	I	0.01	NEG
1322	6/17/20	Commons	Stair 2	--	Ceiling			Concrete	White	I	0.00	NEG
1323	6/17/20	Commons	Stair 2	--	Floor			Concrete	Yellow	I	0.00	NEG
1324	6/17/20	Commons	Stair 2	A	Door			Metal	Blue	I	0.00	NEG
1325	6/17/20	Commons	Stair 2	A	Door		Jamb	Metal	Blue	I	0.00	NEG
1326	6/17/20	Commons	Stair 2	--	Tread			Concrete	Yellow	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1327	6/17/20	Commons	Stair 2	--	Riser			Concrete	Yellow	I	0.00	NEG
1328	6/17/20	Commons	Stair 2	A	Handrail			Metal	Blue	I	0.00	NEG
1329	6/17/20	Commons	Stair 2	A	Stringer			Metal	White	I	0.00	NEG
1330	6/17/20	Commons	Stair 2	D	Ladder			Metal	Blue	I	0.00	NEG
1331	6/17/20	Commons	6th Fl Hall	A	Wall			Drywall	Tan	I	0.02	NEG
1332	6/17/20	Commons	6th Fl Hall	B	Wall			Drywall	Tan	I	0.00	NEG
1333	6/17/20	Commons	6th Fl Hall	C	Wall			Drywall	Tan	I	0.00	NEG
1334	6/17/20	Commons	6th Fl Hall	D	Wall			Drywall	Tan	I	0.00	NEG
1335	6/17/20	Commons	6th Fl Hall	A	Baseboard			Wood	White	I	0.00	NEG
1336	6/17/20	Commons	6th Fl Hall	A	Chair Rail			Wood	White	I	0.00	NEG
1337	6/17/20	Commons	6th Fl Hall	A	Wall			Drywall	Green	I	0.00	NEG
1338	6/17/20	Commons	6th Fl Hall	B	Wall			Wood	Green	I	0.00	NEG
1339	6/17/20	Commons	6th Fl Hall	C	Wall			Drywall	Green	I	0.01	NEG
1340	6/17/20	Commons	6th Fl Hall	C	Support Column			Concrete	White	I	0.00	NEG
1341	6/17/20	Commons	6th Fl Hall	A	Wall			Cinderbloc	Green	I	0.00	NEG
1342	6/17/20	Commons	6th Fl Hall	C	Wall			Cinderbloc	Green	I	0.00	NEG
1343	6/17/20	Commons	6th Fl Hall	D	Crown Molding			Wood	White	I	0.00	NEG
1344	6/17/20	Commons	6th Fl Hall	A	Elevator		Door	Metal	Brown	I	0.00	NEG
1345	6/17/20	Commons	6th Fl Hall	A	Elevator		Case	Metal	Brown	I	0.00	NEG
1346	6/17/20	Commons	6th Fl Hall	A	Door			Wood	Varnish	I	0.00	NEG
1347	6/17/20	Commons	6th Fl Hall	A	Door		Case	Metal	White	I	0.00	NEG
1348	6/17/20	Commons	6th Fl Hall	C	Door			Metal	Black	I	0.00	NEG
1349	6/17/20	Commons	6th Fl Hall	C	Door		Jamb	Metal	Black	I	0.00	NEG
1350	6/17/20	Commons	6th Fl Activities	A	Support Column			Concrete	Tan	I	0.00	NEG
1351	6/17/20	Commons	6th Fl Activities	B	Support Column			Concrete	Tan	I	0.00	NEG
1352	6/17/20	Commons	6th Fl Activities	C	Support Column			Concrete	Tan	I	0.03	NEG
1353	6/17/20	Commons	6th Fl Activities	D	Support Column			Concrete	Tan	I	0.00	NEG
1354	6/17/20	Commons	6th Fl Activities	B	Wall			Drywall	Green	I	0.00	NEG
1355	6/17/20	Commons	6th Fl Activities	D	Wall			Drywall	Green	I	0.00	NEG
1356	6/17/20	Commons	6th Fl Activities	A	Door			Wood	Varnish	I	0.00	NEG
1357	6/17/20	Commons	6th Fl Activities	A	Door		Jamb	Wood	Varnish	I	0.00	NEG
1358	6/17/20	Commons	6th Fl Activities	A	Window		Case	Wood	Varnish	I	0.00	NEG
1359	6/17/20	Commons	6th Fl Activities	C	Door			Metal	White	I	0.00	NEG
1360	6/17/20	Commons	6th Fl Activities	C	Door		Case	Metal	White	I	0.02	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1361	6/17/20	Commons	6th Fl Activities	C	Window		Case	Metal	White	I	0.00	NEG
1362	6/17/20	Commons	6th Fl Activities	C	Radiator			Metal	White	I	0.00	NEG
1363	6/17/20	Commons	5th Fl Hall	A	Wall			Drywall	Tan	I	0.00	NEG
1364	6/17/20	Commons	5th Fl Hall	B	Wall			Drywall	Tan	I	0.00	NEG
1365	6/17/20	Commons	5th Fl Hall	C	Wall			Drywall	Tan	I	0.00	NEG
1366	6/17/20	Commons	5th Fl Hall	D	Wall			Drywall	Tan	I	0.00	NEG
1367	6/17/20	Commons	5th Fl Hall	A	Baseboard			Wood	White	I	0.00	NEG
1368	6/17/20	Commons	5th Fl Hall	A	Chair Rail			Wood	White	I	0.00	NEG
1369	6/17/20	Commons	5th Fl Hall	A	Wall			Drywall	Purple	I	0.01	NEG
1370	6/17/20	Commons	5th Fl Hall	B	Wall			Wood	Purple	I	0.00	NEG
1371	6/17/20	Commons	5th Fl Hall	C	Wall			Drywall	Purple	I	0.00	NEG
1372	6/17/20	Commons	5th Fl Hall	C	Support Column			Concrete	White	I	0.00	NEG
1373	6/17/20	Commons	5th Fl Hall	A	Wall			Cinderbloc	Green	I	0.00	NEG
1374	6/17/20	Commons	5th Fl Hall	C	Wall			Cinderbloc	Green	I	0.00	NEG
1375	6/17/20	Commons	5th Fl Hall	D	Crown Molding			Wood	White	I	0.00	NEG
1376	6/17/20	Commons	5th Fl Hall	A	Elevator		Door	Metal	Brown	I	0.00	NEG
1377	6/17/20	Commons	5th Fl Hall	A	Elevator		Case	Metal	Brown	I	0.00	NEG
1378	6/17/20	Commons	5th Fl Hall	A	Door			Wood	Varnish	I	0.01	NEG
1379	6/17/20	Commons	5th Fl Hall	A	Door		Case	Metal	White	I	0.04	NEG
1380	6/17/20	Commons	5th Fl Hall	C	Door			Metal	Black	I	0.00	NEG
1381	6/17/20	Commons	5th Fl Hall	C	Door		Jamb	Metal	Black	I	0.00	NEG
1382	6/17/20	Commons	4th Fl Hall	A	Wall			Drywall	Tan	I	0.00	NEG
1383	6/17/20	Commons	4th Fl Hall	B	Wall			Drywall	Tan	I	0.00	NEG
1384	6/17/20	Commons	4th Fl Hall	C	Wall			Drywall	Tan	I	0.00	NEG
1385	6/17/20	Commons	4th Fl Hall	D	Wall			Drywall	Tan	I	0.00	NEG
1386	6/17/20	Commons	4th Fl Hall	A	Baseboard			Wood	Blue	I	0.00	NEG
1387	6/17/20	Commons	4th Fl Hall	A	Chair Rail			Wood	Blue	I	0.03	NEG
1388	6/17/20	Commons	4th Fl Hall	A	Wall			Cinderbloc	Blue	I	0.00	NEG
1389	6/17/20	Commons	4th Fl Hall	B	Wall			Wood	Blue	I	0.00	NEG
1390	6/17/20	Commons	4th Fl Hall	C	Wall			Cinderbloc	Blue	I	0.00	NEG
1391	6/17/20	Commons	4th Fl Hall	B	Crown Molding			Wood	Blue	I	0.00	NEG
1392	6/17/20	Commons	4th Fl Hall	A	Elevator		Door	Metal	White	I	0.00	NEG
1393	6/17/20	Commons	4th Fl Hall	A	Elevator		Case	Metal	White	I	0.00	NEG
1394	6/17/20	Commons	4th Fl Hall	A	Door			Wood	Varnish	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1395	6/17/20	Commons	4th Fl Hall	A	Door		Case	Metal	White	I	0.02	NEG
1396	6/17/20	Commons	4th Fl Hall	C	Door			Metal	Black	I	0.00	NEG
1397	6/17/20	Commons	4th Fl Hall	C	Door		Jamb	Metal	Black	I	0.00	NEG
1398	6/17/20	Commons	4th Fl Activities	B	Wall			Drywall	Tan	I	0.00	NEG
1399	6/17/20	Commons	4th Fl Activities	B	Wall			Drywall	Blue	I	0.00	NEG
1400	6/17/20	Commons	4th Fl Activities	C	Wall			Drywall	Tan	I	0.00	NEG
1401	6/17/20	Commons	4th Fl Activities	D	Wall			Drywall	Tan	I	0.00	NEG
1402	6/17/20	Commons	4th Fl Activities	D	Wall			Drywall	Blue	I	0.00	NEG
1403	6/17/20	Commons	4th Fl Activities	A	Door			Wood	White	I	0.00	NEG
1404	6/17/20	Commons	4th Fl Activities	A	Door		Jamb	Metal	White	I	0.00	NEG
1405	6/17/20	Commons	4th Fl Activities	A	Window		Case	Metal	White	I	0.01	NEG
1406	6/17/20	Commons	4th Fl Activities	C	Door		Case	Metal	White	I	0.00	NEG
1407	6/17/20	Commons	4th Fl Activities	C	Radiator			Metal	White	I	0.02	NEG
1408	6/17/20	Commons	4th Fl Activities	D	Radiator			Metal	Blue	I	0.00	NEG
1409	6/17/20	Commons	3rd Fl Hall	A	Wall			Drywall	Light Tan	I	0.00	NEG
1410	6/17/20	Commons	3rd Fl Hall	B	Wall			Drywall	Light Tan	I	0.00	NEG
1411	6/17/20	Commons	3rd Fl Hall	C	Wall			Drywall	Light Tan	I	0.00	NEG
1412	6/17/20	Commons	3rd Fl Hall	D	Wall			Drywall	Light Tan	I	0.00	NEG
1413	6/17/20	Commons	3rd Fl Hall	A	Baseboard			Wood	White	I	0.00	NEG
1414	6/17/20	Commons	3rd Fl Hall	A	Wall			Cinderbloc	Dark Tan	I	0.00	NEG
1415	6/17/20	Commons	3rd Fl Hall	B	Wall			Wood	Dark Tan	I	0.00	NEG
1416	6/17/20	Commons	3rd Fl Hall	C	Wall			Cinderbloc	Dark Tan	I	0.00	NEG
1417	6/17/20	Commons	3rd Fl Hall	B	Crown Molding			Wood	White	I	0.00	NEG
1418	6/17/20	Commons	3rd Fl Hall	A	Elevator		Door	Metal	White	I	0.02	NEG
1419	6/17/20	Commons	3rd Fl Hall	A	Elevator		Case	Metal	White	I	0.00	NEG
1420	6/17/20	Commons	3rd Fl Hall	A	Door			Wood	Varnish	I	0.00	NEG
1421	6/17/20	Commons	3rd Fl Hall	A	Door		Case	Metal	White	I	0.00	NEG
1422	6/17/20	Commons	3rd Fl Hall	C	Door			Metal	Black	I	0.00	NEG
1423	6/17/20	Commons	3rd Fl Hall	C	Door		Jamb	Metal	Black	I	0.00	NEG
1424	6/17/20	Commons	3rd Fl Activities	B	Wall			Drywall	Tan	I	0.00	NEG
1425	6/17/20	Commons	3rd Fl Activities	C	Wall			Drywall	Blue	I	0.00	NEG
1426	6/17/20	Commons	3rd Fl Activities	D	Wall			Drywall	Tan	I	0.00	NEG
1427	6/17/20	Commons	3rd Fl Activities	A	Door			Wood	White	I	0.01	NEG
1428	6/17/20	Commons	3rd Fl Activities	A	Door		Jamb	Metal	White	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1429	6/17/20	Commons	3rd Fl Activities	A	Window		Case	Metal	White	I	0.00	NEG
1430	6/17/20	Commons	3rd Fl Activities	C	Door		Case	Metal	White	I	0.00	NEG
1431	6/17/20	Commons	3rd Fl Activities	D	Radiator			Metal	White	I	0.01	NEG
1432	6/17/20	Commons	2nd Fl Hall	A	Wall			Drywall	Tan	I	0.01	NEG
1433	6/17/20	Commons	2nd Fl Hall	B	Wall			Drywall	Tan	I	0.00	NEG
1434	6/17/20	Commons	2nd Fl Hall	C	Wall			Drywall	Tan	I	0.00	NEG
1435	6/17/20	Commons	2nd Fl Hall	D	Wall			Drywall	Tan	I	0.00	NEG
1436	6/17/20	Commons	2nd Fl Hall	A	Baseboard			Wood	White	I	0.00	NEG
1437	6/17/20	Commons	2nd Fl Hall	A	Wall			Cinderbloc	Green	I	0.00	NEG
1438	6/17/20	Commons	2nd Fl Hall	B	Wall			Wood	Green	I	0.00	NEG
1439	6/17/20	Commons	2nd Fl Hall	C	Wall			Cinderbloc	Green	I	0.00	NEG
1440	6/17/20	Commons	2nd Fl Hall	B	Crown Molding			Wood	White	I	0.00	NEG
1441	6/17/20	Commons	2nd Fl Hall	A	Elevator		Door	Metal	White	I	0.00	NEG
1442	6/17/20	Commons	2nd Fl Hall	A	Elevator		Case	Metal	White	I	0.00	NEG
1443	6/17/20	Commons	2nd Fl Hall	A	Door			Wood	Varnish	I	0.00	NEG
1444	6/17/20	Commons	2nd Fl Hall	A	Door		Case	Metal	White	I	0.00	NEG
1445	6/17/20	Commons	2nd Fl Hall	C	Door			Metal	Black	I	0.03	NEG
1446	6/17/20	Commons	2nd Fl Hall	C	Door		Jamb	Metal	Black	I	0.00	NEG
1447	6/17/20	Commons	2nd Fl Activities	A	Wall			Drywall	Tan	I	0.00	NEG
1448	6/17/20	Commons	2nd Fl Activities	B	Wall			Drywall	Green	I	0.00	NEG
1449	6/17/20	Commons	2nd Fl Activities	C	Wall			Drywall	Tan	I	0.00	NEG
1450	6/17/20	Commons	2nd Fl Activities	D	Wall			Drywall	Green	I	0.00	NEG
1451	6/17/20	Commons	2nd Fl Activities	B	Crown Molding			Wood	White	I	0.00	NEG
1452	6/17/20	Commons	2nd Fl Activities	A	Door			Wood	Varnish	I	0.00	NEG
1453	6/17/20	Commons	2nd Fl Activities	A	Door		Jamb	Wood	Varnish	I	0.00	NEG
1454	6/17/20	Commons	2nd Fl Activities	A	Window	Case		Wood	Varnish	I	0.00	NEG
1455	6/17/20	Commons	2nd Fl Activities	C	Door		Case	Wood	Varnish	I	0.00	NEG
1456	6/17/20	Commons	2nd Fl Activities	A	Cabinet		Door	Wood	Varnish	I	0.01	NEG
1457	6/17/20	Commons	2nd Fl Activities	A	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
1458	6/17/20	Commons	2nd Fl Activities	D	Radiator			Metal	White	I	0.00	NEG
1459	6/17/20	Exterior	Exterior	A	Wall			Concrete	White	I	0.00	NEG
1460	6/17/20	Exterior	Exterior	A	Underhang			Concrete	White	I	0.00	NEG
1461	6/17/20	Exterior	Exterior	A	Support Joint		Front Patio	Metal	Black	I	0.00	NEG
1462	6/17/20	Exterior	Exterior	A	Support Beam		Front Patio	Wood	Black	I	0.00	NEG

## Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1463	6/17/20	Exterior	Exterior	A	Underhang		Front Patio	Wood	White	I	1.41	POS
1464	6/17/20	Exterior	Exterior	A	Window		Sash	Metal	Brown	I	0.07	NEG
1465	6/17/20	Exterior	Exterior	A	Window		Sill	Concrete	White	I	0.42	NEG
1466	6/17/20	Exterior	Exterior	B	Wall			Concrete	White	I	0.01	NEG
1467	6/17/20	Exterior	Exterior	B	Door			Metal	Red	I	0.02	NEG
1468	6/17/20	Exterior	Exterior	B	Door		Case	Metal	Red	I	0.00	NEG
1469	6/17/20	Exterior	Exterior	B	Window		Sash	Metal	Brown	I	0.00	NEG
1470	6/17/20	Exterior	Exterior	B	Window		Sill	Concrete	White	I	0.61	NEG
1471	6/17/20	Exterior	Exterior	C	Wall			Concrete	White	I	0.01	NEG
1472	6/17/20	Exterior	Exterior	C	Underhang			Concrete	White	I	0.03	NEG
1473	6/17/20	Exterior	Exterior	C	Door			Metal	Brown	I	0.00	NEG
1474	6/17/20	Exterior	Exterior	C	Door		Case	Metal	Brown	I	0.00	NEG
1475	6/17/20	Exterior	Exterior	C	Window		Sash	Metal	Brown	I	0.02	NEG
1476	6/17/20	Exterior	Exterior	C	Window		Sash	Wood	Brown	I	0.26	NEG
1477	6/17/20	Exterior	Exterior	C	Window		Sill	Concrete	White	I	0.34	NEG
1478	6/17/20	Exterior	Exterior	D	Wall			Concrete	White	I	0.02	NEG
1479	6/17/20	Exterior	Exterior	D	Door			Metal	White	I	0.01	NEG
1480	6/17/20	Exterior	Exterior	D	Door		Case	Metal	Brown	I	0.01	NEG
1481	6/17/20	Exterior	Exterior	D	Window		Sash	Metal	Brown	I	0.00	NEG
1482	6/17/20	Exterior	Exterior	D	Window		Sill	Concrete	White	I	0.57	NEG
1483	6/17/20	Exterior	Exterior	--	Plaque			Metal	Black	I	0.09	NEG
1484	6/17/20	Exterior	Exterior	--	Plaque			Metal	Black	I	0.00	NEG
1485	6/17/20	Calibration									1.00	POS
1486	6/17/20	Calibration									1.00	POS
1487	6/17/20	Calibration									1.10	POS
1488	6/17/20	Calibration									0.00	NEG
1489	6/17/20	Calibration									0.00	NEG
1490	6/17/20	Calibration									0.00	NEG

## **C-3: XRF READINGS POSITIVE FOR LEAD**

Lurie Terrace - 600 W. Huron, Ann Arbor, MI - XRF Readings Positive for Lead

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1463	6/17/20	Exterior	Exterior	A	Underhang		Front Patio	Wood	White	I	1.41	POS

## **C-4: PERFORMANCE CHARACTERISTIC SHEETS**

An XRF Performance Characteristic Sheet defines acceptable operating specifications and procedures for each model of X-Ray Fluorescence (XRF) lead-based paint analyzer. The make/brand and the model number for each XRF used in this lead-based paint inspection are listed in this report in Appendix C-3, XRF Calibration Documentation. The lead-based paint inspector was required to follow the XRF Performance Characteristic Sheet for the inspection activities described in this report.

The Performance Characteristic Sheet for most XRF models is posted on the U.S. Department of Housing and Urban Development's Office of Healthy Homes and Lead Hazard Control website, specifically, on the web page for the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*. (When this lead evaluation report was written, the web page was [www.hud.gov/offices/lead/guidelines/hudguidelines/index.cfm](http://www.hud.gov/offices/lead/guidelines/hudguidelines/index.cfm).) HUD has determined that the information provided in the Performance Characteristic Sheets it has posted to its website is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines*.

Readers interested in the operating specifications and procedures for the XRF(s) used can download the Performance Characteristic Sheet(s) from the web page above, or they can obtain the sheet(s) from the National Lead Information Clearinghouse, at 800-424-LEAD (toll-free). Persons with hearing or speech impediments may access the above telephone number via TTY by calling the toll-free Federal Information Relay Service at (800) 877-8339.

## Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

### MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLp 300

Source:  $^{109}\text{Cd}$ 

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

## FIELD OPERATION GUIDANCE

### OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

### XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm<sup>2</sup> (inclusive)

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm<sup>2</sup> in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm<sup>2</sup> film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

### SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

### INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm <sup>2</sup> )
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

## BACKGROUND INFORMATION

### EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

### OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

### SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

### EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

**TESTING TIMES:**

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
Substrate	All Data			Median for laboratory-measured lead levels (mg/cm <sup>2</sup> )		
	25 <sup>th</sup> Percentile	Median	75 <sup>th</sup> Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

**CLASSIFICATION RESULTS:**

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

**DOCUMENTATION:**

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

## **APPENDIX D: CERTIFICATIONS, LICENSES, AND ACCREDITATIONS**

### **D-1: Lead-Based Paint Inspector/Risk Assessor and Firm License/Certification Information**

**D-1: LEAD-BASED PAINT INSPECTOR/RISK ASSESSOR AND  
FIRM LICENSE/CERTIFICATION INFORMATION**

**Joseph Laney**

**Lead Inspector/Risk Assessor**

Cert. number **P-08630**

Annual fee due by March 31, **2021**

*Appropriate refresher training and  
exam must be taken to renew this  
certification before March 31, **2023***



## **APPENDIX E: LEAD AND LEAD SAFETY RESOURCE DATA**

**E-1: Glossary**

**E-2: Resources for Additional Information**

## E-1: GLOSSARY

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**Abatement:** A measure or set of measures designed to permanently eliminate lead-based paint hazards or lead-based paint. Abatement strategies include the removal of lead-based paint, enclosure, encapsulation, replacement of building components coated with lead-based paint, removal of lead contaminated dust, and removal of lead contaminated soil or overlaying of soil with a durable covering such as asphalt (grass and sod are considered interim control measures). All of these strategies require preparation; cleanup; waste disposal; postabatement clearance testing; recordkeeping; and, if applicable, monitoring. See also Complete abatement and Interim controls.

**Accreditation:** A formal recognition certifying that an organization, such as a laboratory, is competent to carry out specific tasks or types of tests.

**Accuracy:** The degree of agreement between an observed value and an accepted reference value (a “true” value); a data quality indicator. Accuracy includes a combination of random errors (precision) and systematic errors (bias) due to sampling and analysis.

**Bare soil:** Soil not covered with grass, sod, some other similar vegetation, or paving, including the sand in sandboxes.

**Building component:** Any element of a building that may be painted or have dust on its surface, e.g., walls, stair treads, floors, railings, doors, windowsills, etc.

**Certification:** The process of testing and evaluating against certain specifications the competence of a person, organization, or other entity in performing a function or service, usually for a specified period of time.

**Certified:** The designation for Contractors who have completed training and other requirements to safely allow them to undertake risk assessments, inspections, or abatement work. Risk assessors, inspectors, and Abatement Contractors should be certified by the appropriate local, State, or Federal agency.

**Chewable surface:** See **Chewed surface**.

**Chewed surface:** Any painted surface that shows evidence of having been chewed or mouthed by a young child. A chewed surface is usually a protruding, horizontal part of a building, such as an interior windowsill.

**Cleaning:** The process of using a vacuum and wet cleaning agents to remove leaded dust; the process includes the removal of bulk debris from the work area. OSHA prohibits the use of compressed air to clean lead-contaminated dust from a surface.

**Clearance examination:** Visual examination and collection of environmental samples by an inspector or risk assessor, or, in some circumstances, a Sampling Technician, and analysis by an accredited laboratory upon completion of an abatement project, interim control intervention, or maintenance job that disturbs lead-based paint (or paint suspected of being lead-based). The clearance examination is performed to ensure that lead exposure levels do not exceed standards established by the EPA Administrator pursuant to Title IV of the Toxic Substances Control Act, and that any cleaning following such work adequately meets those standards.

**Common area:** A room or area that is accessible to all residents in a community (e.g., hallways or lobbies); in general, any area not kept locked.

**Composite sample:** A single sample made up of individual subsamples. Analysis of a composite sample produces the arithmetic mean of all subsamples.

**Containment:** A process to protect workers and the environment by controlling exposures to the lead-contaminated dust and debris created during abatement.

**Deteriorated lead-based paint:** Any lead-based paint coating on a damaged or deteriorated surface or fixture, or any interior or exterior lead-based paint that is peeling, chipping, blistering, flaking, worn, chalking, alligatoring, cracking, or otherwise becoming separated from the substrate.

**Disposal (of waste):** The discharge, deposit, injection, dumping, spilling, leaking, or placement of solid or liquid waste on land or in water so that none of its constituents can pollute the environment by being emitted into the air or discharged into a body of water, including groundwater.

**Environmental Intervention Blood-Lead Level (EIBL) child:** A child who has a blood lead level at or above 20 µg/dL (micrograms of lead per deciliter of blood) in a single test or at 15-19 µg/dL in two tests taken at least 3 months apart.

**Encapsulation:** Any covering or coating that acts as a barrier between lead-based paint and the environment, the durability of which relies on adhesion and the integrity of the existing bonds between multiple layers of paint and between the paint and the substrate. See also **Enclosure**.

**Enclosure:** The use of rigid, durable construction materials that are mechanically fastened to the substrate to act as a barrier between the Lead-based paint and the environment.

**Evaluation:** Risk assessment, paint inspection, reevaluation, investigation, clearance examination, or risk assessment screen.

**Examination:** See **Clearance examination**.

**Federal Register (FR):** A daily Federal publication that contains proposed and final regulations, rules, and notices.

**Impact surface:** An interior or exterior surface (such as surfaces on doors) subject to damage by repeated impact or contact.

**Inspection (of paint):** A surface-by-surface investigation to determine the presence of lead-based paint (in some cases including dust and soil sampling) and a report of the results.

**Interim controls:** A set of measures designed to temporarily reduce human exposure or possible exposure to lead-based paint hazards. Such measures include specialized cleaning, repairs, maintenance, painting, temporary containment, and management and resident education programs. Monitoring, conducted by Owners, and reevaluations, conducted by professionals, are integral elements of interim control. Interim controls include dust removal; paint film stabilization; treatment of friction and impact surfaces; installation of soil coverings, such as grass or sod; and land use controls. See also **Monitoring, Reevaluation, and Abatement**.

**Interior windowsill:** The portion of the horizontal window ledge that protrudes into the interior of the room, adjacent to the window sash when the window is closed; often called the window stool.

**Latex:** A waterborne emulsion paint made with synthetic binders, such as 100 percent acrylic, vinyl acrylic, terpolymer, or styrene acrylic; a stable emulsion of polymers and pigment in water.

**Lead:** Lead includes metallic lead and inorganic and organic compounds of lead.

**Lead-based paint:** Any paint, varnish, shellac, or other coating that contains lead equal to or greater than 1.0 mg/cm<sup>2</sup> (milligrams of lead per square centimeter of surface) as measured by XRF or laboratory analysis, or 0.5 percent by weight (5,000 µg/g, 5,000 ppm (parts per million), or 5,000 mg/kg) as measured by laboratory analysis. (Local definitions may vary.)

**Lead-based paint hazard:** A condition in which exposure to lead from lead-contaminated dust, lead-contaminated soil, or deteriorated lead-based paint would have an adverse effect on human health (as established by the EPA Administrator under Title IV of the Toxic Substances Control Act). Lead-based paint hazards include, for example, deteriorated lead-based paint, leaded dust levels above applicable standards, and bare leaded soil above applicable standards.

**Lead-based paint hazard control:** Activities to control and eliminate lead-based paint hazards, including interim controls, abatement, and complete abatement.

**Lead-contaminated dust:** Surface dust in residences that contain an area concentration of lead in excess of the standard established by the EPA Administrator, pursuant to Title IV of the Toxic Substances Control Act. EPA standards for leaded dust for risk assessments are  $40 \mu\text{g}/\text{ft}^2$  (micrograms of lead per square foot) on floors and  $250 \mu\text{g}/\text{ft}^2$  on interior windowsills. The EPA standards for clearance are  $40 \mu\text{g}/\text{ft}^2$  on floors,  $250 \mu\text{g}/\text{ft}^2$  on interior windowsills and  $400 \mu\text{g}/\text{ft}^2$  on window troughs. The recommended standard for lead hazard screens for floors is  $25 \mu\text{g}/\text{ft}^2$  and for windowsills is  $125 \mu\text{g}/\text{ft}^2$ .

**Lead-contaminated soil:** Bare soil on residential property that contains lead in excess of the standard established by the EPA Administrator, pursuant to Title IV of the Toxic Substances Control Act. The standard is  $400 \mu\text{g}/\text{g}$  in play areas and  $1200 \mu\text{g}/\text{g}$  in the rest of the yard.

**Leaded dust:** See **Lead-contaminated dust**.

**Licensed:** Holding a valid license or certification issued by EPA or by an EPA-approved State program pursuant to Title IV of the Toxic Substances Control Act. The license is based on certification for lead-based paint hazard control work. See also **Certified**.

**Maintenance:** Work intended to maintain adequate living conditions in a dwelling, which has the potential to disturb lead-based paint or paint that is suspected of being lead-based.

**Mean:** The arithmetic average of a series of numerical data values; for example, the algebraic sum of the data values divided by the number of data values.

**Microgram ( $\mu\text{g}$ ):**  $1/1,000,000$  of a gram; used to measure weight.

**Monitoring:** Surveillance to determine (1) that known or suspected lead-based paint is not deteriorating; (2) that lead-based paint hazard controls, such as paint stabilization, enclosure, or encapsulation have not failed; and (3) that structural problems do not threaten the integrity of hazard controls or of known or suspected.

**Owner:** A person, firm, corporation, guardian, conservator, receiver, trustee, executor, government agency or entity, or other judicial officer who, alone or with others, owns, holds, or controls the freehold or leasehold title or part of the title to property, with or without actually possessing it. This definition includes a vendee who possesses the title, but does not include a mortgagee or an Owner of a reversionary interest under a ground rent lease.

**Paint inspector:** An individual who has completed training from an accredited program and been licensed or certified by the appropriate State or local agency to (1) perform inspections to determine and report the presence of lead-based paint on a surface-by-surface basis through onsite testing, (2) report the findings of such an inspection, (3) collect environmental samples for laboratory analysis, (4) perform clearance testing, and optionally (5) document successful compliance with lead-based paint hazard control requirements or standards.

**Paint removal:** An abatement strategy that entails the removal of lead-based paint from surfaces. For lead hazard control work, this can mean using chemicals, heat guns below  $1,100^\circ \text{F}$ , and certain *contained* abrasive methods. Open-flame burning, open-abrasive blasting, sandblasting, extensive dry scraping, and stripping in a poorly ventilated space using a volatile stripper are prohibited paint removal methods. Hydroblasting is not recommended.

**Plastic:** See **Polyethylene plastic**.

**Polyethylene plastic:** All references to polyethylene plastic refer to 6 mil plastic sheeting or polyethylene bags (or doubled bags if using 4 mil polyethylene bags), or any other thick plastic material shown to demonstrate at least equivalent dust containment performance. Plastic used to contain waste should be capable of completely containing the waste and, after being properly sealed, should remain leak tight with no visible signs of discharge during movement or relocation.

**Polyurethane:** An exceptionally hard and wear-resistant coating (created by the reaction of polyols with a multifunctional isocyanate); often used to seal wood floors following lead-based paint hazard control work and cleaning.

**Reevaluation:** In lead hazard control work, the combination of a visual assessment and collection of environmental samples performed by a certified risk assessor to determine if a previously implemented lead-based paint hazard control measure is still effective and if the dwelling remains lead-safe.

**Removal:** See **Paint removal**.

**Renovation:** Work that involves construction and/or home or building improvement measures such as window replacement, weatherization, remodeling, and repainting.

**Replacement:** A strategy of abatement that entails the removal of building components coated with lead-based paint (such as windows, doors, and trim) and the installation of new components free of lead-based paint.

**Resident:** A person who lives in a dwelling.

**Risk assessment:** An onsite investigation of a residential dwelling to discover any lead-based paint hazards. Risk assessments include an investigation of the age, history, management, and maintenance of the dwelling, and the number of children under age 6 and women of childbearing age who are residents; a visual assessment; limited environmental sampling (i.e., collection of dust wipe samples, soil samples, and deteriorated paint samples); and preparation of a report identifying acceptable abatement and interim control strategies based on specific conditions.

**Risk assessor:** A certified individual who has completed training with an accredited training program and who has been certified to (1) perform risk assessments, (2) identify acceptable abatement and interim control strategies for reducing identified lead-based paint hazards, (3) perform clearance testing and reevaluations, and (4) document the successful completion of lead-based paint hazard control activities.

**Site:** The land or body of water where a facility is located or an activity is conducted. The site includes adjacent land used in connection with the facility or activity.

**Soil:** See **Bare soil**.

**Spectrum analyzer:** A type of XRF analyzer that provides the operator with a plot of the energy and intensity, or counts of both K and L x-ray spectra, as well as a calculated lead concentration. See also **XRF analyzer**.

**Standard deviation:** A measure of the precision of a reading; the spread of the deviation from the mean. The smaller the standard deviation, the more precise the analysis. The standard deviation is calculated by first obtaining the mean, or the arithmetic average, of all of the readings. A formula is then used to calculate how much the individual values vary from the mean—the standard deviation is the square root of the arithmetic average of the squares of the deviation from the mean. Many hand calculators have an automatic standard deviation function. See also **Mean**.

**Subsample:** A representative portion of a sample. A subsample may be either a field sample or a laboratory sample. A subsample is often combined with other subsamples to produce a composite sample. See also **Composite sample**.

**Substrate:** A surface on which paint, varnish, or other coating has been applied or may be applied. Examples of substrates include wood, plaster, metal, and drywall.

**Substrate effect:** The radiation returned to an XRF analyzer by the paint, substrate, or underlying material, in addition to the radiation returned by any lead present. This radiation, when counted as lead x-rays by an XRF analyzer contributes to substrate equivalent lead (bias). The inspector may have to compensate for this effect when using XRF analyzers. See also **XRF analyzer**.

**Substrate Equivalent Lead (SEL):** The XRF measurement taken on an unpainted surface; used to calculate the corrected lead concentration on a surface by using the following formula: Apparent Lead Concentration–Substrate Equivalent Lead = Corrected Lead Concentration. See also **XRF analyzer**.

**Target housing:** Any residential unit constructed before 1978, except dwellings that do not contain bedrooms or dwellings that were developed specifically for the elderly or persons with disabilities—unless a child younger than 6 resides or is expected to reside in the dwelling. In the case of jurisdictions that banned the sale or use of lead-based paint before 1978, the Secretary of HUD may designate an earlier date for defining target housing.

**Test location:** A specific area on a testing combination where XRF instruments will test for lead-based paint.

**Trained:** Successful completion of a training course in a particular discipline. For lead hazard control work, the training course must be accredited by EPA or by an EPA-approved State program, pursuant to Title IV of the Toxic Substances Control Act.

**Treatment:** In residential lead-based paint hazard control work, any method designed to control lead-based paint hazards. Treatment includes interim controls, abatement, and removal.

**Trough:** See **Window trough**.

**Windowsill:** See **Interior windowsill**.

**Window trough:** For a typical double-hung window, the portion of the exterior windowsill between the interior windowsill (or stool) and the frame of the storm window. If there is no storm window, the window trough is the area that receives both the upper and lower window sashes when they are both lowered. Sometimes inaccurately called the window “well.”

**Worker:** An individual who has completed training in an accredited program to perform Lead-based paint hazard control in housing.

**Worksite:** Any interior or exterior area where lead-based paint hazard control work takes place.

**XRF analyzer:** An instrument that determines lead concentration in milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) using the principle of x-ray fluorescence (XRF). Two types of field portable XRF analyzers are used — direct readers and spectrum analyzers. For this lead-based paint inspection, the term XRF analyzer only refers to portable instruments manufactured to analyze paint, that have a HUD Performance Characteristic Sheet, and are interpreted in accordance with the Performance Characteristic Sheet; it does not refer here to laboratory grade units or portable instruments designed to analyze soil.

## **E-2: RESOURCES FOR ADDITIONAL INFORMATION ON LEAD AND LEAD-BASED PAINT HAZARDS:**

### **HUD OFFICE OF HEALTHY HOMES AND HAZARD CONTROL:**

[www.hud.gov/offices/lead](http://www.hud.gov/offices/lead)

202-755-1785, ext. 104

[lead\\_regulations@hud.gov](mailto:lead_regulations@hud.gov)

### **THE ENVIRONMENTAL PROTECTION AGENCY'S LEAD PROGRAMS:**

[www.epa.gov/opptintr/lead](http://www.epa.gov/opptintr/lead)

### **NATIONAL LEAD INFORMATION CENTER & CLEARINGHOUSE:**

1-800-424 LEAD

[www.epa.gov/lead/nlic.htm](http://www.epa.gov/lead/nlic.htm)

### **NATIONAL CENTER FOR HEALTHY HOUSING:**

410-992-0712

[www.centerforhealthyhousing.org](http://www.centerforhealthyhousing.org)

### **LEAD AND ENVIRONMENTAL HAZARD ASSOCIATION**

1-800-590-6522

301-924-0265

[www.leha.org](http://www.leha.org)

### **THE ALLIANCE FOR HEALTHY HOMES:**

202-543-1147

[www.afhh.org](http://www.afhh.org)

### **ADDITIONAL INFORMATION:**

Lists of recalled products containing lead: [www.safetyalerts.com](http://www.safetyalerts.com)

The Lead Listing – for information on lead-related service providers and EPA-accredited laboratories throughout the United States: [www.leadlisting.org](http://www.leadlisting.org)

## **Appendix L:**

# **Lead-Based Paint Inspection and Risk Assessment Report - 3 Parkview Place**

# Lead-Based Paint Inspection and Risk Assessment Report

Prepared for:

## **Dominion Due Diligence Group**

201 Wylderose Drive  
Midlothian, Virginia 23113

Property:

## **Lurie Terrace Apartments**

Three Parkview Place  
Ann Arbor, Michigan 48103

Inspection Dates: **June 15, 2020**

Lead Risk Assessor:



**Joseph Laney**

Michigan-Licensed Lead Risk Assessor #P-08630

Environmental Health & Safety Consultants Job #20-1022

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## Section 1: Executive Summary

### 1.1 INTRODUCTION

A lead-based paint inspection and risk assessment (evaluation) was conducted on June 15, 2020, at Lurie Terrace Apartments, located at Three Parkview Place, Ann Arbor, Michigan. The purpose of the evaluation was to determine the presence and location of lead-based paint and lead-based paint hazards, as defined by the U.S. Environmental Protection Agency (EPA) and the State of Michigan. This evaluation was accomplished using an x-ray fluorescence (XRF) lead-in-paint analyzer, a visual assessment of the property and structures, and dust wipe sampling, in each selected dwelling unit and common area.

The information in this report must be disclosed to all existing and new residents and to any new buyer in the future, under the Lead Disclosure Rule (24 CFR part 35, subpart A (HUD's rule) and 40 CFR part 745, subpart F (EPA's identical rule)).

### 1.2 SUMMARY OF LEAD-BASED PAINT AND LEAD-BASED PAINT HAZARDS

Lead-based paint (as defined in Section 2.2) were present at the property on the dates of the evaluation. Lead-based paint hazards, as defined by the Michigan Department of Health and Human Services, were identified on the dates of the evaluation.

<b>Summary of Positive Findings for Lead-Based Paint and Lead-Based Paint Hazards for Similar Group of Buildings</b>		
<b>Property Name: Three Parkview Place, Ann Arbor, MI</b>		
<b>Similar Group of Buildings</b>	<b>Lead-Based Paint Present (Y/N)</b>	<b>Lead-Based Paint Hazards Present (Y/N)</b>
Three Parkview Place, Ann Arbor, Michigan	Yes	Yes
The Owner is required to implement an ongoing lead-based paint maintenance and reevaluation program.		

### 1.3 PROPERTY-WIDE LOCATIONS OF BUILDING COMPONENTS WITH LEAD-BASED PAINT

In accordance with federal guidelines<sup>1</sup>, Environmental Health & Safety Consultants tested a representative number of building components within the subject property for the presence of lead-based paint. Based on the results on this representative testing, Environmental Health & Safety Consultants identified two (2) components that are considered to contain lead-based

<sup>1</sup> HUD Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing, Revised 2012.

paint on a property-wide basis. These property-wide components are listed in the Table below. See section 2.2, Lead Regulatory Levels.

<b>Building Components with Lead-Based Paint</b>		
<b>Property Name: <i>Lurie Terrace, 3 Parkview Place, Ann Arbor, Michigan</i></b>		
<b>Area</b>	<b>Component</b>	<b>Substrate</b>
Exterior	Door Trim	Wood
Exterior	Support Beam	Wood

#### **1.4 SUMMARY OF LEAD-BASED PAINT HAZARDS**

The Table below lists locations where the dust results were above the applicable hazard level. No deteriorated lead-based paint was observed. Detailed tables that identify lead-based paint hazards are provided in Sections 2 and 4. The Owner may use the following Table when preparing the property specific Hazard Control Plan.

Results indicate the presence of deteriorated lead-based paint at levels indicating lead hazards. See Section 2.5, 2.6, and 2.7 for more information on paint-lead, dust-lead and/or soil-lead hazard findings.

<b>Locations of Surfaces with Lead-Based Paint Hazards</b>				
<b>Property Name: <i>Three Parkview Place, Ann Arbor, Michigan</i></b>				
<b>Type of Hazard</b>	<b>Location</b>	<b>Surface</b>	<b>Recommended Method to Control Hazard</b>	<b>Date Hazard Controlled (to be completed by Owner)</b>
LBP on Friction/Impact Surface	Exterior Rear	Wood Door Jamb	Enclosure with Rigid Weather Stripping or Chemical Paint Removal	
Lead Dust	Unit 3 Bathroom	Floor	Dust Cleanup	

#### **1.5 SUMMARY OF REGULATORY REQUIREMENTS AND RECOMMENDATIONS**

**Lead-based paint and lead-based paint hazards, as defined by EPA, were identified at the property.**

Environmental Health & Safety Consultants recommends paint stabilization and dust cleanup, followed by clearance testing, and ongoing monitoring and maintenance of components identified as containing lead-based paint. This will assist the Owner in preventing future

deterioration of these components, and possible development of lead-based paint hazards in the future.

More information is available from a certified risk assessor, HUD's lead website ([www.hud.gov/offices/lead](http://www.hud.gov/offices/lead)), the Lead Listing ([www.leadlisting.org](http://www.leadlisting.org)), or the National Lead Information Clearinghouse (1-800-424-LEAD).

## 1.6 LEAD DISCLOSURE REQUIREMENTS

HUD and EPA regulations require the Owner to disclose the findings of this report to residents within a prescribed period, if lead-based paint is present. In addition, depending on the findings of the evaluation, an Owner may be required to conduct additional disclosure activities. Based on the findings of this evaluation, the following disclosure statement(s) apply:

**Lead-based paint and lead-based paint hazards, as defined by EPA, were identified at the property.**

The above disclosure statement, along with the information contained in Table 1, "Building Components with Lead-Based Paint", must be provided to new lessees (residents) and purchasers of this property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract.

This complete report must be provided at no charge to new purchasers, and to new residents, upon request. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by EPA, and to include standard warning language in their leases or sales contracts. The specific warning language can be found at 24 CFR part 35.92.

The HUD and EPA Disclosure regulations apply to the property until written certification is obtained from a state licensed lead-based paint inspector, stating that the property is lead-based paint free. The lead-based paint free certification must meet all regulatory guidelines established by HUD, EPA and the state.

This report should be kept by the inspector or the inspection firm, the Owner, and all future Owners for the life of the dwelling.

## Section 2: Lead-Based Paint Inspection and Risk Assessment (Evaluation) Report

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### 2.1 OVERVIEW OF THE EVALUATION

#### 2.1.1 Introduction

A lead-based paint inspection and risk assessment (evaluation) was conducted by Environmental Health & Safety Consultants at the multifamily residential property, Lurie Terrace Apartments, located at Three Parkview Place in Ann Arbor, Michigan, on June 15, 2020. Mr. Joseph Laney, a Michigan Department of Health & Human Services (MDHHS) licensed lead risk assessor (#P-08630), performed the inspection and risk assessment using Niton XLp 303A, Serial # 96180. Personnel credentials are found in Appendix E. The purpose of the evaluation was to determine the presence and location of lead-based paint and lead-based paint hazards at the property. To the knowledge of the risk assessor of record, there has not been any previous lead-based paint testing at this property.

The information contained in this report can be used to assist the Owner in ensuring that a lead-hazard free environment is maintained, by either: 1) developing a plan for eliminating lead-based paint and lead-based paint hazards from the property, or 2) establishing or maintaining an ongoing lead-based paint maintenance and re-evaluation program, if needed.

These evaluation activities will help the Owner to ensure the health and safety of the residents, especially children, and the workers. As part of the evaluation, Environmental Health & Safety Consultants performed a visual assessment of the entire property and all structures, a lead-based paint inspection, and dust wipe samples were taken. The lead-based paint inspection using an XRF lead-in-paint analyzer was performed in each selected dwelling unit, and common area. The results of the evaluation on the selected dwelling units apply to all similar dwelling units within the building(s). See Appendix A: Property Information, for complete building information.

#### 2.1.2 Description of Property

The structure located at Three Parkview Place in Ann Arbor, Michigan, was reportedly built in 1950. The property consists of a total of four (4) similar dwelling units in one (1) residential structure and one (1) common area, all of which were considered for evaluation. Floor plans are provided in Appendix A.

#### 2.1.3 Unit Selection Process

All four (4) units were included in the inspection and risk assessment, in accordance with HUD Guidelines.

## 2.2 LEAD REGULATORY LEVELS

The lead regulatory levels provided in the Table below were used when preparing this lead-based paint evaluation and when evaluating data collected.

TABLE – LEAD REGULATORY LEVELS PROPERTY NAME: LURIE TERRACE APARTMENTS		
	EPA Levels	Michigan Levels
<b>Lead-Based Paint</b>	$\geq 1.0$ mg/cm <sup>2</sup> or $\geq 0.5\%$ by weight (or 5000 ppm)	$\geq 1.0$ mg/cm <sup>2</sup> or $\geq 0.5\%$ by weight
<b>Lead in Dust</b>		
Floor	$\geq 10$ $\mu\text{g}/\text{ft}^2$	$\geq 10$ $\mu\text{g}/\text{ft}^2$
Window Sill	$\geq 100$ $\mu\text{g}/\text{ft}^2$	$\geq 100$ $\mu\text{g}/\text{ft}^2$
Window Trough		$\geq 100$ $\mu\text{g}/\text{ft}^2$
<b>Lead in Bare Soil</b>		
Child-Play Areas (Dwelling Perimeter and yard)	400 ppm ( $\mu\text{g}/\text{g}$ )	400 ppm ( $\mu\text{g}/\text{g}$ )
Rest of the Yard (Dwelling Perimeter and Yard)	1,200 ppm ( $\mu\text{g}/\text{g}$ )	1,200 ppm ( $\mu\text{g}/\text{g}$ )

## 2.3 LEAD-BASED PAINT INSPECTION

A lead-based paint inspection is an interior and exterior investigation to identify all lead-based paint on a surface-by-surface basis. This lead-based paint inspection was performed in accordance with HUD Guidelines in all four (4) dwelling units, one (1) building exterior, and one (1) common area. Drawings, including unit and property floor plans and wall labels (A, B, C, D wall, etc.) used to identify XRF test locations, are found in Appendix A.

The lead-based paint inspection was accomplished using a Niton XLp 303A XRF lead paint analyzer in each selected dwelling unit and common area. The XRF is designed to measure the lead content of surface coatings on a variety of building surfaces, substrates, and components. The measurement is rapid, nondestructive, and according to the manufacturer, capable of detecting lead concentrations within numerous layers of various surface coatings. The results of the inspection apply to all similar buildings and dwelling units within a similar group of buildings throughout the entire property. See Appendix A for complete building information.

**The results of the inspection indicate that lead-based paint was found on exterior surfaces at this property. Specific locations are identified at Appendix C.**

As a general rule, care should be taken to maintain all paint intact and to minimize, contain, and clean up any dust generated from the disturbance of painted surfaces – even when paint has lead concentrations below the levels the EPA and the State of Michigan define as lead-based paint.

Please refer to Appendix C for detailed analytical testing results for each distinct area or unit inspected. The appendices provide complete testing data (XRF Testing Results), and a distribution report detailing specific components or surfaces with lead-based paint (Component Type Report).

## 2.4 RISK ASSESSMENT OVERVIEW

This risk assessment is an onsite interior and exterior investigation to discover any lead-based paint hazards. A risk assessment conforming to the HUD Guidelines was performed in all four (4) dwelling units, in accordance with the HUD Guidelines, Chapter 5. Risk assessment of common areas were conducted in all common areas, and was performed at the same areas where the lead-based paint inspection was conducted. The risk assessment was conducted by the same risk assessor who conducted the lead-based paint inspection, with credentials located in [Appendix E](#).

There are several types of lead-based paint hazards. Section 2.5 presents the risk assessment findings for paint-lead hazards; Section 2.6 presents findings for dust-lead hazards; and Section 2.7 presents findings for soil-lead hazards.

Hazard control options and associated cost estimates to treat any areas or components identified with lead-based paint hazards are discussed at Section 3 of this report, if applicable. To aid in the interpretation of the listed findings, a glossary of terms and a list of publications and resources addressing lead-based paint hazards and their health effects are included at the end of this report, in Appendix F.

## 2.5 PAINT CONDITION SURVEY AND PAINT-LEAD HAZARDS

HUD and EPA define the terms *deteriorated paint*, *intact paint*, and *de minimis (small or minimal) levels* when these terms are used to describe surface coating conditions. To aid in the interpretation of the paint condition information, please refer to the following HUD definitions and criteria for specific interior and exterior surfaces.

HUD Definitions		
Building Component(s)	Intact Paint	<i>De minimis (small or minimal) Levels of Deteriorated Paint</i>
Exterior components with large surface areas (siding, etc.)	Entire surface is intact	Deteriorated paint on less than or equal to 20 square feet (ft <sup>2</sup> ) of exterior surfaces
Interior components with large surface areas (walls, ceilings, etc.)	Entire surface is intact	Deteriorated paint is observed at less than or equal to 2 ft <sup>2</sup> of surface in any one interior room or space

HUD Definitions		
Building Component(s)	Intact Paint	<i>De minimis (small or minimal) Levels of Deteriorated Paint</i>
Component types with small surface areas (soffits, baseboards, trim, etc.)	Entire surface is intact	Deteriorated paint is observed at less than or equal to 10% of the total surface area of a component type with a small surface area
<i>Note: See 24 CFR 35.1350(d)(1)-(3) for complete information on de minimis (small or minimal) levels.</i>		

Deteriorated paint is defined as “any interior or exterior paint or other coating that is peeling, chipping, chalking, or cracking or any paint or coating located on an interior or exterior surface or fixture that is otherwise damaged or separated from the substrate.”

HUD uses the phrase “significant deterioration” to refer to deterioration greater than *de minimis* levels.

Paint conditions and exact locations of paint deterioration for specific tested dwelling units, common areas, and exteriors are reported in this document under Appendix C.

Areas and/or components coated with lead-based paint that are currently *intact* do not constitute a lead hazard if the components do not represent a friction or impact surface (e.g., the windowsill, or floor), and if dust-lead levels on the nearest horizontal surface underneath the friction surface were below dust-lead hazard levels established by the State of Michigan. However, lead-safe work practices should be used when dealing with any surfaces that are known or assumed to contain lead-based paint.

### 2.5.1 Paint-Lead Hazards

As of the date of the evaluation, the exterior and interior painted components were in reasonably good structural condition. Paints throughout the property were primarily in good condition. All LBP on Friction/Impact surfaces associated with elevated dust levels must be treated to prevent lead-based paint hazards. Those locations identified as having significant amounts of deteriorated paint must be repaired using lead-safe work practices and clearance, in accordance with State of Michigan and U.S. EPA regulations.

At a minimum, all surfaces listed below should be addressed using interim controls including paint stabilization, necessary repairs, and eliminating friction and impact surfaces.

Details on testing results are provided in Appendix D. The analytical results from the samples collected showed that paint-lead hazards exist. The evaluation results indicate that paint-lead hazards exist in the following locations:

Table Locations of Lead-Based Paint Hazards				
Area	Component	Feature	Substrate	Condition
Exterior	Door	Jamb	Wood	Friction / Impact

Hazard Control tables that provide options for addressing paint-lead hazards identified in the future are located in Section 3. The selection of which hazard control options to use must be based on the specific project, the Owner's needs, and available resources. All activities outlined in the tables must be performed by lead trained maintenance staff using lead-safe work practices, or by a State of Michigan licensed LBP Abatement or Renovation contractor using trained and certified workers and supervisors.

A listing of sampling locations and their associated lead levels with XRF and analytical laboratory results for paint, dust, and soil can be found in the Appendices section.

## 2.5.2 OPTION FOR ADDITIONAL TESTING

Additional testing may reduce requirements for lead hazard control. The requirements described in this report are based on lead evaluations for randomly selected areas. Untested areas are assumed similar to these randomly selected areas. The Owner is encouraged to consider the benefits of additional testing if it believes one of the following applies: 1) that untested areas are free of lead-based paint, or 2) that the results of this report show there are only a few surfaces with lead-based paint.

## 2.6 INTERIOR DUST SAMPLING

Dust wipe samples were collected in order to identify those locations where dust-lead levels exceed the regulatory limits identified in the table at Section 2-2, Lead Regulatory Levels, and as such, where a dust-lead hazard may be found.

Dust-wipe samples were collected in accordance with HUD protocols. These protocols include the submission of blank samples for analysis at the rate of one per twenty (20) wipe samples.

Dust-lead wipe samples collected by Environmental Health & Safety Consultants during the Risk Assessment indicate a property-wide dust-lead hazard, as defined in Section 2.2 of this report, were identified.

<b>Table Locations of Dust-Lead Hazards</b>		
<b>Sample #s</b>	<b>Areas Testing Positive</b>	<b>Component</b>
21	Unit 3 Bathroom	Floors

Please refer to Appendix D: Dust and Soil Sample Analytical Results, for complete dust wipe collection detail, sample location, and laboratory analytical reports, and to Appendix F: Lead and Lead Safety Resource Data, for a list of publications and resources addressing lead-based paint hazards and their health effects. Both appendices are located at the end of this report.

Leaded dust in quantities greater than EPA and/or State of Michigan regulatory levels for dust-lead hazards was detected on one floor in one unit. As all floors in the building were sampled for lead dust, the customary requirement that all similar untested areas be considered contaminated and cleaned throughout the apartment building does not apply. All other testing locations registered lead levels below the EPA dust hazard level. Complete dust wipe collection detail, sample location, and analytical results for each dwelling unit assayed are included in Section 3, Appendix D: Dust and Soil Sample Analytical Data.

The following tables provide options for addressing dust-lead hazards identified in this report. The selection of which hazard control options to use must be based on the specific project, the Owner's needs, and available resources.

HAZARD TYPE:	Lead-Based Paint Dust Hazard on Surfaces
a)	The dust-lead hazard on interior surfaces is addressed by special wet cleaning of the affected areas. Minimum specifications include HEPA vacuuming; wet wiping; and final HEPA vacuuming.

## 2.7 SOIL SAMPLING

No soil samples were collected as no bare soil was observed at the time of this assessment.

## 2.8 LEAD-BASED PAINT HAZARD CONTROL PLAN

Except in the case of the complete removal of all lead-based paint, ongoing management and maintenance of lead-based paint hazards should be performed. The Owner should assign responsibility for managing the various aspects of a lead-based paint hazard control program to either a trained consultant, or to trained and trusted existing staff members. This program should be described in a lead-based paint hazard control policy statement. The statement should document the Owner's awareness of the lead-based paint-hazard problem, the Owner's intention to control it, and describe organizational responsibilities for doing so. The statement should also authorize a specific individual to carry out the lead-based paint hazard control plan.

Lead Hazard Control Option Tables, located in Section 3, may be used to assist in development of the site-specific Lead-Based Paint Hazard Control Plan.

## 2.9 CONDITIONS AND LIMITATIONS—DISCLAIMER

Environmental Health & Safety Consultants (the Preparer) has performed this lead-based paint inspection and risk assessment in a thorough and professional manner consistent with commonly accepted industry standards. The Preparer cannot guarantee, and does not warrant, that this evaluation has identified all adverse environmental factors and/or conditions affecting this property on the date of the evaluation.

The results reported and conclusions reached by the Preparer are solely for the benefit of the Owner and residents. The results and opinions in this report are based solely on the conditions found at the property on the date of the evaluation.

The Preparer assumes no obligation to advise the client of any changes in any real or potential lead-based paint hazards at this residence beyond the date of the property evaluation.

**Environmental Health & Safety Consultants, LLC**



Lisa G. Laney  
Director of Operations  
U.S. EPA-certified Lead Risk Assessor

## SECTION 3: METHODS OF CONTROLLING LEAD-BASED PAINT HAZARDS

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### 3.1 LEAD-BASED PAINT HAZARD CONTROL OPTIONS

This Section discusses options for controlling lead-based paint hazards, whether they were found during this lead evaluation, or may occur in the future. Environmental Health & Safety Consultants recommends that the Owner incorporate ongoing lead-based paint maintenance and reevaluation into regular building operations, as lead-based paint was identified at the property.

Lead-safe work practices and worker/resident protection practices complying with current EPA, HUD, State of Michigan, and OSHA standards will be necessary to safely complete any work involving the disturbance of lead-based paint coated surfaces and components. Lead-based paint hazard control activities include both interim control (temporary) methods and/or abatement (permanent) methods. It should be noted that all lead-based paint hazard control activities have the potential to create hazards that were not present before. As shown below, all persons and/or firms performing lead-based paint hazard control activities should have received proper training in lead-safe work practices and/or Lead Abatement, in accordance with Federal and State regulations. Details about lead-based paint hazard control options and issues surrounding resident/worker protection practices can be found in the *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* published by HUD, as well as in the Occupational Safety and Health Administration (OSHA) regulations found in 29 CFR Section 1926.62, the OSHA Lead Exposure in Construction Industry Standard.

### 3.2 INTERIM CONTROLS

Interim controls, as defined by HUD, means a set of measures designed to reduce human exposure temporarily to lead-based paint hazards. These activities may include, but are not limited to: component and/or substrate repairs; paint and varnish repair; the removal of dust-lead-based paint hazards by extensive and specialized cleaning; ongoing lead-based paint maintenance; temporary containment; placement of seed, sod or other forms of vegetation over bare-soil areas, etc. Interim controls for soil-lead hazards may include the placement of at least 6 inches of an appropriate mulch material over an impervious material effectively covering the bare soil area. Interim controls must be periodically evaluated for their continued effectiveness as part of an ongoing lead-based paint maintenance program.

Contractors must be appropriately certified with the Michigan Department of Health Services and follow all applicable federal, state and local regulations, laws, rules, and guidelines for lead remediation. The contractor must also comply with all relevant codes and ordinances for the municipality and the State of Michigan.

A risk assessor, inspector, or clearance examiner who is certified by the U.S. EPA and licensed by the State of Michigan should conduct a clearance visual examination with sampling after interim control procedures.

### 3.3 ABATEMENT

Abatement, as defined by HUD, means any set of measures designed to eliminate lead-based paint and/or lead-based paint hazards permanently. The personnel providing these services must be trained in accordance with State of Michigan and EPA training certification and licensing requirements. The product manufacturer and/or contractor must warrant abatement methods to last a minimum of 20 years, or the methods specified must have a design life of at least 20 years.

Abatement activities may include, but are not necessarily limited to: the onsite or offsite removal of lead-based paint from substrates and components; the replacement of components or fixtures painted with lead-based paint; the permanent enclosure of lead-based paint with construction materials mechanically-fastened to the substrate; the encapsulation of lead-based paint with specially designed encapsulant products; or the removal or permanent covering (concrete or asphalt) of soil-lead-based paint hazards. If enclosure or encapsulation is conducted as an abatement method, then the lead-based paint remains on the property, so ongoing lead-based paint maintenance is required.

The firm providing the abatement services must be trained and certified as an abatement firm by the State of Michigan. Workers conducting abatement also must be trained and certified by the State of Michigan.

A clearance examination (visual inspection and dust-wipe sampling) must follow any abatement activity, in order to ensure that dust-lead levels are below EPA/Michigan regulatory levels.

### 3.4 CONTROL OPTION TABLES

The following tables provide options for controlling the lead-based paint hazards identified in this risk assessment report, along with potential lead-based paints resulting from deteriorated lead-based paint. The unit-cost estimates, unless otherwise noted, include the labor and materials to accomplish the stated activity and most additional actions typically found to be necessary to complete worker protection, site containment, and cleanup procedures. Cost estimates are approximate, and vary significantly with the condition of the building component, its architectural style, local labor and materials rates, season, and many other factors. The selection of which hazard control options to use must be based on the specific project, the Owner's needs, and available resources.

The values provided below are general estimates that will need to be adjusted based on the cost of living index for the region in question. This information does not replace an estimate provided by a certified lead-based paint contractor but is a tool that can assist the Owner in predicting cost. A precise estimate should be obtained from a DC-licensed and certified lead-based paint abatement contractor or a contractor trained in lead-safe work practices. Properly

trained and/or licensed persons, as well as properly licensed firms, as required, shall accomplish all abatement and interim control activities conducted at this residential property.

<b>HAZARD TYPE:</b>	<b>Lead Dust and Debris Present on the Property Before Work Begins.</b>
a)	<b>Special cleaning <i>preceding</i> lead-based paint hazard control activities.</b> Before any lead-based paint hazard control activities, the site and structure should be pre-cleaned following the cleaning protocols in the HUD <i>Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing</i> , published by the U.S. Department of Housing and Urban Development (June 1995, Revised 1997 and 2012.) Some of the required steps include removing large debris and paint chips followed by HEPA vacuuming of all horizontal surfaces (floors, windowsills, troughs, etc.) The cleaning protocols in the HUD <i>Guidelines</i> will assist the contractor in doing a preliminary cleaning and will improve the chances of passing the clearance examinations that are required after routine maintenance work, rehabilitation, and lead-based paint hazard control in pre-1978 properties.

<b>HAZARD TYPE:</b>	<b>Deteriorated Lead-Based Paint on Interior/Exterior Doors and Door Casing.</b>
a)	<b>INTERIM CONTROLS:</b> Using lead-safe work practices, wet scrape all loose, peeling, cracked, or blistered paint from door and door components including casing, jamb, and stops. Feather edges with a wet sponge sanding block. HEPA vacuum and wash with a de-glossing solution all surfaces to be repainted to ensure a good bond with the new paint. Apply high quality bonding primer. Apply high quality paint appropriate for the location and substrate that has a first coat wet film of not less 6 mils.
b)	<b>ABATEMENT ACTIVITIES:</b> Using lead-safe work practices, remove and properly dispose of the existing door and jamb. Supply and install a new pre-hung interior door measured to fit existing opening. Door casing is to be replaced. Apply high quality bonding primer. Apply high quality top coat paint appropriate for the location and substrate.

<b>HAZARD TYPE:</b>	<b>Lead-Based Paint Dust Hazards on Window &amp; Floor Surfaces</b>
a)	The dust-lead hazard on interior windowsills and troughs is addressed by special wet cleaning of the affected areas. Minimum specifications include HEPA vacuuming; wet wiping; and final HEPA vacuuming.

<b>HAZARD TYPE:</b>	<b>Potential of Residual Lead Dust or Debris Following Lead Hazard Control Activities.</b>
a)	<b>Special cleaning <i>following</i> lead-based paint hazard control activities.</b> Immediately after any lead-based paint hazard control activities, the work area (or unit, as applicable) must be thoroughly cleaned following the cleaning protocols in the <i>Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing</i> , published by the U.S. Department of Housing and Urban Development (June 1995, Revised 2012). As a minimum, proper teardown and disposal of all containment plastic, HEPA vacuuming of all horizontal surfaces (floors, windowsills, troughs, etc.), detergent scrubbing of all surfaces, and final HEPA-vacuuming are required. The cleaning protocols in the HUD <i>Guidelines</i> and the lead-safe work practices training courses assist the contractor with cleanup and will improve the chances of passing the clearance examinations (required after routine maintenance work, rehabilitation, and lead-based paint hazard control in pre-1978 properties.)

#### ADDITIONAL NOTES:

1) When maintenance or other work impacts a building material, surface coating, substrate, component, or surface and its lead content is not known, those areas and/or items must be presumed to be lead-based paint.

2) During the period of lead-hazard control activities, daily cleaning of the work areas should be performed. Accumulation of debris should be prevented. All waste material must be disposed of promptly and properly. At the end of each day, time must be reserved for a thorough cleaning of the work area.

## Section 4: Appendices

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### **Appendix A: Property Information**

A-1: Site Specific Property Information

A-2: Floor Plan Data

### **Appendix B: Summary of Random Selection of Units**

B-1: Random and Targeted Selection Detail by Unit

### **Appendix C: XRF Sampling**

C-1: Component Type Report

C-2: XRF Testing Results

C-3: XRF Readings Positive for Lead

C-4: Performance Characteristic Sheets

### **Appendix D: Dust and Soil Wipe Sampling**

D-1: Dust Wipe Summary Table

D-2: Laboratory Reports & Chains of Custody

### **Appendix E: Certifications, Licenses, and Accreditations**

E-1: Lead-Based Paint Inspector/Risk Assessor's License/  
Certification/Information

E-2: National Lead Laboratory Accreditation Program (NLLAP) Information

### **Appendix F: Lead and Lead Safety Resource Data**

F-1: Glossary

F-2: Resources for Additional Information on Lead and Lead-Based  
Paint Hazards

## **Appendix A: Property Information**

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**A-1: Site Specific Property Information**

**A-2: Floor Plan Data**

## **A-1: SITE SPECIFIC PROPERTY INFORMATION**

Property Name: Lurie Terrace Apartments

Building Total: 1

Building Types: Low-Rise Apartment Building

Construction Date: 1950

Unit Total: 4

Property Address: Three Parkview Place, Ann Arbor, Michigan

## **INSPECTION FIRM INFORMATION**

**Firm:** Environmental Health & Safety Consultants, LLC

**Address:** 403 North Fairview Avenue  
Mt. Prospect, Illinois 60056  
(224) 383-7832

**Risk Assessor:** Joseph Laney

**License:** #P-08630

**Date of Evaluation:** June 15, 2020

**Date of Report:** June 29, 2020

**Re-Evaluation Due:** June 29, 2022

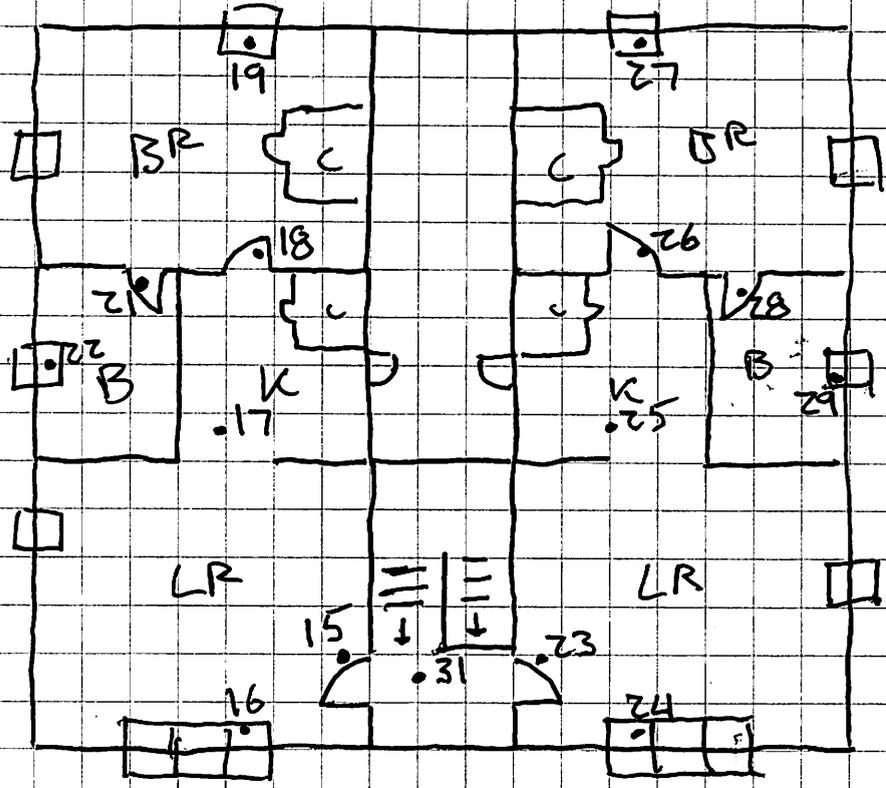
## A-2: Floor Plan Data

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2<sup>nd</sup> Flr

Apt 3

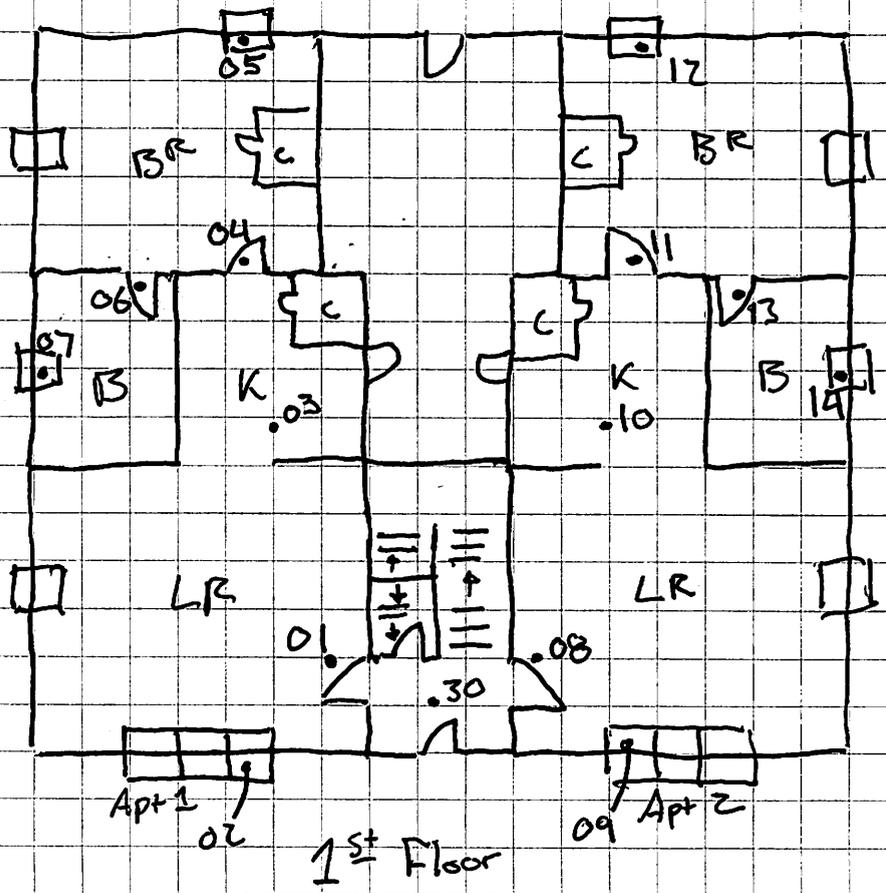
Apt 4



3 Park View Place  
Ann Arbor, MI

Lead Dust Wipes  
Sample Locations

6.15.2020



1<sup>st</sup> Floor

Apt 1

Apt 2

## **B-1: RANDOM SELECTION DETAIL BY UNIT**

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Random selection of units was not conducted as all units were required to be assessed.

## **APPENDIX C: XRF SAMPLING**

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**C-1: Component Type Report**

**C-2: XRF Testing Results**

**C-3: XRF Readings Positive for Lead**

**C-4: Performance Characteristic Sheets**

## C-1: COMPONENT TYPE REPORT

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**Lurie Terrace Apartments - Three Parkview Terrace, Ann Arbor, Michigan - Component Type Report**

Component Description	Location	Substrate	Number of Readings	Positive		Negative		Component Classification
				No.	Percent	No.	Percent	
Door Trim	Exterior	Wood	5	4	80.00	1	20.00	Positive
Support Beam	Exterior	Wood	1	1	100.00	0	0.00	Positive
Air Conditioner Case	Units	Wood	4	0	0.00	4	100.00	Negative
Baseboard	Units	Wood	8	0	0.00	8	100.00	Negative
Cabinet Components	Units	Wood	16	0	0.00	16	100.00	Negative
Ceiling	Units	Plaster	16	0	0.00	16	100.00	Negative
Door	Units	Wood	24	0	0.00	24	100.00	Negative
Door Trim	Units	Wood	16	0	0.00	16	100.00	Negative
Radiator	Units	Metal	12	0	0.00	12	100.00	Negative
Wall	Units	Drywall	4	0	0.00	4	100.00	Negative
Wall	Units	Plaster	52	0	0.00	52	100.00	Negative
Window Trim	Units	Wood	16	0	0.00	16	100.00	Negative
Baseboard	Commons	Wood	1	0	0.00	1	100.00	Negative
Ceiling	Commons	Plaster	1	0	0.00	1	100.00	Negative
Door	Commons	Wood	2	0	0.00	2	100.00	Negative
Door Trim	Commons	Wood	2	0	0.00	2	100.00	Negative
Stair Handrail	Commons	Wood	1	0	0.00	1	100.00	Negative
Stair Riser	Commons	Wood	1	0	0.00	1	100.00	Negative
Stair Stringer	Commons	Wood	1	0	0.00	1	100.00	Negative
Stair Tread	Commons	Wood	1	0	0.00	1	100.00	Negative
Wall	Commons	Plaster	4	0	0.00	4	100.00	Negative
Baluster	Exterior	Wood	1	0	0.00	1	100.00	Negative
Ceiling	Exterior	Wood	1	0	0.00	1	100.00	Negative
Door	Exterior	Wood	2	0	0.00	2	100.00	Negative
Handrail	Exterior	Wood	1	0	0.00	1	100.00	Negative
Newel Post	Exterior	Wood	1	0	0.00	1	100.00	Negative
Newel Post Cap	Exterior	Wood	1	0	0.00	1	100.00	Negative
Window	Exterior	Metal	1	0	0.00	1	100.00	Negative
Window Trim	Exterior	Metal	2	0	0.00	2	100.00	Negative
Window Well	Exterior	Concrete	1	0	0.00	1	100.00	Negative

## C-2: XRF TESTING RESULTS

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Lurie Terrace - 3 Parkview Place, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
1	6/15/20	Calibration									1.00	POS
2	6/15/20	Calibration									1.10	POS
3	6/15/20	Calibration									1.00	POS
4	6/15/20	Calibration									0.00	NEG
5	6/15/20	Calibration									0.00	NEG
6	6/15/20	Calibration									0.00	NEG
7	6/15/20	Apt. 1	Living Room	A	Wall			Plaster	Blue	I	0.00	NEG
8	6/15/20	Apt. 1	Living Room	B	Wall			Plaster	Blue	I	0.00	NEG
9	6/15/20	Apt. 1	Living Room	C	Wall			Plaster	Blue	I	0.00	NEG
10	6/15/20	Apt. 1	Living Room	D	Wall			Plaster	Blue	I	0.00	NEG
11	6/15/20	Apt. 1	Living Room	--	Ceiling			Plaster	Blue	I	0.00	NEG
12	6/15/20	Apt. 1	Living Room	B	Baseboard			Wood	Varnish	I	0.00	NEG
13	6/15/20	Apt. 1	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
14	6/15/20	Apt. 1	Living Room	A	Door		Jamb	Wood	White	I	0.00	NEG
15	6/15/20	Apt. 1	Living Room	B	Window		Sill	Wood	Blue	I	0.00	NEG
16	6/15/20	Apt. 1	Living Room	B	Window		Case	Wood	Blue	I	0.18	NEG
17	6/15/20	Apt. 1	Living Room	B	AC Casing			Wood	Blue	I	0.15	NEG
18	6/15/20	Apt. 1	Living Room	B	Radiator			Metal	Blue	I	0.00	NEG
19	6/15/20	Apt. 1	Kitchen	A	Wall			Plaster	Blue	I	0.06	NEG
20	6/15/20	Apt. 1	Kitchen	B	Wall			Plaster	Blue	I	0.00	NEG
21	6/15/20	Apt. 1	Kitchen	C	Wall			Plaster	Blue	I	0.00	NEG
22	6/15/20	Apt. 1	Kitchen	D	Wall			Plaster	Blue	I	0.00	NEG
23	6/15/20	Apt. 1	Kitchen	--	Ceiling			Plaster	Blue	I	0.00	NEG
24	6/15/20	Apt. 1	Kitchen	A	Door			Wood	Varnish	I	0.00	NEG
25	6/15/20	Apt. 1	Kitchen	A	Door		Jamb	Wood	Blue	I	0.00	NEG
26	6/15/20	Apt. 1	Kitchen	C	Cabinet		Base	Wood	Varnish	I	0.00	NEG
27	6/15/20	Apt. 1	Kitchen	C	Cabinet		Shelf	Wood	Varnish	I	-0.12	NEG
28	6/15/20	Apt. 1	Kitchen	A	Door	Closet		Wood	Varnish	I	0.02	NEG
29	6/15/20	Apt. 1	Kitchen	A	Wall	Closet		Plaster	Blue	I	0.00	NEG
30	6/15/20	Apt. 1	Bedroom	A	Wall			Plaster	Blue	I	0.00	NEG
31	6/15/20	Apt. 1	Bedroom	B	Wall			Plaster	Blue	I	0.00	NEG
32	6/15/20	Apt. 1	Bedroom	C	Wall			Plaster	Blue	I	0.05	NEG

Lurie Terrace - 3 Parkview Place, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
33	6/15/20	Apt. 1	Bedroom	D	Wall			Plaster	Blue	I	0.00	NEG
34	6/15/20	Apt. 1	Bedroom	--	Ceiling			Plaster	Blue	I	0.00	NEG
35	6/15/20	Apt. 1	Bedroom	B	Door			Wood	Varnish	I	0.00	NEG
36	6/15/20	Apt. 1	Bedroom	B	Door		Jamb	Wood	Blue	I	0.00	NEG
37	6/15/20	Apt. 1	Bedroom	D	Baseboard			Wood	Blue	I	0.00	NEG
38	6/15/20	Apt. 1	Bedroom	D	Window		Sill	Wood	Blue	I	0.00	NEG
39	6/15/20	Apt. 1	Bedroom	D	Window		Case	Wood	Blue	I	0.01	NEG
40	6/15/20	Apt. 1	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
41	6/15/20	Apt. 1	Bedroom	A	Wall	Closet		Drywall	Blue	I	0.03	NEG
42	6/15/20	Apt. 1	Bedroom	D	Radiator			Metal	Blue	I	0.00	NEG
43	6/15/20	Apt. 1	Bath	--	Ceiling			Plaster	Red	I	0.00	NEG
44	6/15/20	Apt. 1	Bath	D	Door			Wood	Varnish	I	0.00	NEG
45	6/15/20	Apt. 1	Bath	D	Door		Jamb	Wood	Blue	I	0.00	NEG
46	6/15/20	Apt. 1	Bath	A	Cabinet		Door	Wood	Varnish	I	0.00	NEG
47	6/15/20	Apt. 1	Bath	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
48	6/15/20	Apt. 1	Bath	C	Radiator			Metal	Blue	I	0.00	NEG
49	6/15/20	Apt. 2	Living Room	A	Wall			Plaster	White	I	0.00	NEG
50	6/15/20	Apt. 2	Living Room	B	Wall			Plaster	White	I	0.00	NEG
51	6/15/20	Apt. 2	Living Room	C	Wall			Plaster	White	I	0.00	NEG
52	6/15/20	Apt. 2	Living Room	D	Wall			Plaster	White	I	0.01	NEG
53	6/15/20	Apt. 2	Living Room	--	Ceiling			Plaster	White	I	0.08	NEG
54	6/15/20	Apt. 2	Living Room	B	Baseboard			Wood	Grey	I	0.00	NEG
55	6/15/20	Apt. 2	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
56	6/15/20	Apt. 2	Living Room	A	Door		Jamb	Wood	Grey	I	0.00	NEG
57	6/15/20	Apt. 2	Living Room	B	Window		Sill	Wood	Grey	I	0.00	NEG
58	6/15/20	Apt. 2	Living Room	B	Window		Case	Wood	Grey	I	0.00	NEG
59	6/15/20	Apt. 2	Living Room	B	AC Casing			Wood	Grey	I	0.02	NEG
60	6/15/20	Apt. 2	Living Room	B	Radiator			Metal	White	I	0.00	NEG
61	6/15/20	Apt. 2	Kitchen	A	Wall			Plaster	White	I	0.00	NEG
62	6/15/20	Apt. 2	Kitchen	B	Wall			Plaster	White	I	0.00	NEG
63	6/15/20	Apt. 2	Kitchen	C	Wall			Plaster	White	I	0.00	NEG
64	6/15/20	Apt. 2	Kitchen	D	Wall			Plaster	White	I	0.14	NEG

Lurie Terrace - 3 Parkview Place, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
65	6/15/20	Apt. 2	Kitchen	--	Ceiling			Plaster	White	I	0.00	NEG
66	6/15/20	Apt. 2	Kitchen	A	Door			Wood	Varnish	I	0.00	NEG
67	6/15/20	Apt. 2	Kitchen	A	Door		Jamb	Wood	Grey	I	0.00	NEG
68	6/15/20	Apt. 2	Kitchen	C	Cabinet		Base	Wood	Varnish	I	0.00	NEG
69	6/15/20	Apt. 2	Kitchen	C	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
70	6/15/20	Apt. 2	Kitchen	A	Door	Closet		Wood	Varnish	I	0.00	NEG
71	6/15/20	Apt. 2	Kitchen	A	Wall	Closet		Plaster	White	I	0.00	NEG
72	6/15/20	Apt. 2	Bedroom	A	Wall			Plaster	White	I	0.01	NEG
73	6/15/20	Apt. 2	Bedroom	B	Wall			Plaster	White	I	0.03	NEG
74	6/15/20	Apt. 2	Bedroom	C	Wall			Plaster	White	I	0.00	NEG
75	6/15/20	Apt. 2	Bedroom	D	Wall			Plaster	White	I	0.00	NEG
76	6/15/20	Apt. 2	Bedroom	--	Ceiling			Plaster	White	I	0.00	NEG
77	6/15/20	Apt. 2	Bedroom	B	Door			Wood	Varnish	I	0.00	NEG
78	6/15/20	Apt. 2	Bedroom	B	Door		Jamb	Wood	Grey	I	0.00	NEG
79	6/15/20	Apt. 2	Bedroom	D	Baseboard			Wood	Grey	I	0.00	NEG
80	6/15/20	Apt. 2	Bedroom	D	Window		Sill	Wood	Grey	I	0.01	NEG
81	6/15/20	Apt. 2	Bedroom	D	Window		Case	Wood	Grey	I	0.00	NEG
82	6/15/20	Apt. 2	Bedroom	A	Door	Closet		Wood	Varnish	I	0.06	NEG
83	6/15/20	Apt. 2	Bedroom	A	Wall	Closet		Drywall	White	I	0.00	NEG
84	6/15/20	Apt. 2	Bedroom	D	Radiator			Metal	White	I	0.00	NEG
85	6/15/20	Apt. 2	Bath	--	Ceiling			Plaster	White	I	0.00	NEG
86	6/15/20	Apt. 2	Bath	D	Door			Wood	Grey	I	0.00	NEG
87	6/15/20	Apt. 2	Bath	D	Door		Jamb	Wood	Grey	I	0.00	NEG
88	6/15/20	Apt. 2	Bath	A	Cabinet		Door	Wood	Varnish	I	0.00	NEG
89	6/15/20	Apt. 2	Bath	A	Cabinet		Base	Wood	Varnish	I	0.02	NEG
90	6/15/20	Apt. 2	Bath	C	Radiator			Metal	White	I	0.00	NEG
91	6/15/20	Apt. 3	Living Room	A	Wall			Plaster	White	I	0.04	NEG
92	6/15/20	Apt. 3	Living Room	B	Wall			Plaster	White	I	0.00	NEG
93	6/15/20	Apt. 3	Living Room	C	Wall			Plaster	White	I	0.00	NEG
94	6/15/20	Apt. 3	Living Room	D	Wall			Plaster	White	I	0.00	NEG
95	6/15/20	Apt. 3	Living Room	--	Ceiling			Plaster	White	I	0.00	NEG
96	6/15/20	Apt. 3	Living Room	B	Baseboard			Wood	Varnish	I	0.01	NEG

Lurie Terrace - 3 Parkview Place, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
97	6/15/20	Apt. 3	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
98	6/15/20	Apt. 3	Living Room	A	Door		Jamb	Wood	White	I	0.01	NEG
99	6/15/20	Apt. 3	Living Room	B	Window		Sill	Wood	Varnish	I	0.00	NEG
100	6/15/20	Apt. 3	Living Room	B	Window		Case	Wood	Varnish	I	0.00	NEG
101	6/15/20	Apt. 3	Living Room	B	AC Casing			Wood	Varnish	I	0.00	NEG
102	6/15/20	Apt. 3	Living Room	B	Radiator			Metal	White	I	0.03	NEG
103	6/15/20	Apt. 3	Kitchen	A	Wall			Plaster	White	I	0.00	NEG
104	6/15/20	Apt. 3	Kitchen	B	Wall			Plaster	White	I	0.00	NEG
105	6/15/20	Apt. 3	Kitchen	C	Wall			Plaster	White	I	0.00	NEG
106	6/15/20	Apt. 3	Kitchen	D	Wall			Plaster	White	I	0.00	NEG
107	6/15/20	Apt. 3	Kitchen	--	Ceiling			Plaster	White	I	0.00	NEG
108	6/15/20	Apt. 3	Kitchen	A	Door			Wood	Varnish	I	0.01	NEG
109	6/15/20	Apt. 3	Kitchen	A	Door		Jamb	Wood	White	I	0.00	NEG
110	6/15/20	Apt. 3	Kitchen	C	Cabinet		Base	Wood	Varnish	I	0.03	NEG
111	6/15/20	Apt. 3	Kitchen	C	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
112	6/15/20	Apt. 3	Kitchen	A	Door	Closet		Wood	Varnish	I	0.00	NEG
113	6/15/20	Apt. 3	Kitchen	A	Wall	Closet		Plaster	White	I	0.01	NEG
114	6/15/20	Apt. 3	Bedroom	A	Wall			Plaster	White	I	0.00	NEG
115	6/15/20	Apt. 3	Bedroom	B	Wall			Plaster	White	I	0.01	NEG
116	6/15/20	Apt. 3	Bedroom	C	Wall			Plaster	White	I	0.09	NEG
117	6/15/20	Apt. 3	Bedroom	D	Wall			Plaster	White	I	0.00	NEG
118	6/15/20	Apt. 3	Bedroom	--	Ceiling			Plaster	White	I	0.00	NEG
119	6/15/20	Apt. 3	Bedroom	B	Door			Wood	Varnish	I	0.00	NEG
120	6/15/20	Apt. 3	Bedroom	B	Door		Jamb	Wood	White	I	0.01	NEG
121	6/15/20	Apt. 3	Bedroom	D	Baseboard			Wood	White	I	0.01	NEG
122	6/15/20	Apt. 3	Bedroom	D	Window		Sill	Wood	Varnish	I	0.00	NEG
123	6/15/20	Apt. 3	Bedroom	D	Window		Case	Wood	Varnish	I	0.00	NEG
124	6/15/20	Apt. 3	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
125	6/15/20	Apt. 3	Bedroom	A	Wall	Closet		Drywall	White	I	0.00	NEG
126	6/15/20	Apt. 3	Bedroom	D	Radiator			Metal	White	I	0.00	NEG
127	6/15/20	Apt. 3	Bath	--	Ceiling			Plaster	White	I	0.02	NEG
128	6/15/20	Apt. 3	Bath	D	Door			Wood	Varnish	I	0.00	NEG

Lurie Terrace - 3 Parkview Place, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
129	6/15/20	Apt. 3	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
130	6/15/20	Apt. 3	Bath	A	Cabinet		Door	Wood	Varnish	I	0.00	NEG
131	6/15/20	Apt. 3	Bath	A	Cabinet		Base	Wood	Varnish	I	0.01	NEG
132	6/15/20	Apt. 3	Bath	C	Radiator			Metal	White	I	0.00	NEG
133	6/15/20	Apt. 4	Living Room	A	Wall			Plaster	White	I	0.00	NEG
134	6/15/20	Apt. 4	Living Room	B	Wall			Plaster	White	I	0.01	NEG
135	6/15/20	Apt. 4	Living Room	C	Wall			Plaster	White	I	0.01	NEG
136	6/15/20	Apt. 4	Living Room	D	Wall			Plaster	White	I	0.00	NEG
137	6/15/20	Apt. 4	Living Room	--	Ceiling			Plaster	White	I	0.00	NEG
138	6/15/20	Apt. 4	Living Room	B	Baseboard			Wood	Varnish	I	0.00	NEG
139	6/15/20	Apt. 4	Living Room	A	Door			Wood	Varnish	I	0.00	NEG
140	6/15/20	Apt. 4	Living Room	A	Door		Jamb	Wood	White	I	0.00	NEG
141	6/15/20	Apt. 4	Living Room	B	Window		Sill	Wood	Varnish	I	0.00	NEG
142	6/15/20	Apt. 4	Living Room	B	Window		Case	Wood	Varnish	I	0.22	NEG
143	6/15/20	Apt. 4	Living Room	B	AC Casing			Wood	Varnish	I	0.00	NEG
144	6/15/20	Apt. 4	Living Room	B	Radiator			Metal	White	I	0.00	NEG
145	6/15/20	Apt. 4	Kitchen	A	Wall			Plaster	White	I	0.02	NEG
146	6/15/20	Apt. 4	Kitchen	B	Wall			Plaster	White	I	0.00	NEG
147	6/15/20	Apt. 4	Kitchen	C	Wall			Plaster	White	I	0.00	NEG
148	6/15/20	Apt. 4	Kitchen	D	Wall			Plaster	White	I	0.00	NEG
149	6/15/20	Apt. 4	Kitchen	--	Ceiling			Plaster	White	I	0.00	NEG
150	6/15/20	Apt. 4	Kitchen	A	Door			Wood	Varnish	I	0.00	NEG
151	6/15/20	Apt. 4	Kitchen	A	Door		Jamb	Wood	White	I	0.02	NEG
152	6/15/20	Apt. 4	Kitchen	C	Cabinet		Base	Wood	Varnish	I	0.17	NEG
153	6/15/20	Apt. 4	Kitchen	C	Cabinet		Shelf	Wood	Varnish	I	0.00	NEG
154	6/15/20	Apt. 4	Kitchen	A	Door	Closet		Wood	Varnish	I	0.00	NEG
155	6/15/20	Apt. 4	Kitchen	A	Wall	Closet		Plaster	White	I	0.00	NEG
156	6/15/20	Apt. 4	Bedroom	A	Wall			Plaster	White	I	0.00	NEG
157	6/15/20	Apt. 4	Bedroom	B	Wall			Plaster	White	I	0.00	NEG
158	6/15/20	Apt. 4	Bedroom	C	Wall			Plaster	White	I	0.00	NEG
159	6/15/20	Apt. 4	Bedroom	D	Wall			Plaster	White	I	0.00	NEG
160	6/15/20	Apt. 4	Bedroom	--	Ceiling			Plaster	White	I	0.00	NEG

Lurie Terrace - 3 Parkview Place, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
161	6/15/20	Apt. 4	Bedroom	B	Door			Wood	Varnish	I	0.04	NEG
162	6/15/20	Apt. 4	Bedroom	B	Door		Jamb	Wood	White	I	0.00	NEG
163	6/15/20	Apt. 4	Bedroom	D	Baseboard			Wood	Varnish	I	0.00	NEG
164	6/15/20	Apt. 4	Bedroom	D	Window		Sill	Wood	Varnish	I	0.00	NEG
165	6/15/20	Apt. 4	Bedroom	D	Window		Case	Wood	Varnish	I	0.00	NEG
166	6/15/20	Apt. 4	Bedroom	A	Door	Closet		Wood	Varnish	I	0.00	NEG
167	6/15/20	Apt. 4	Bedroom	A	Wall	Closet		Drywall	White	I	0.01	NEG
168	6/15/20	Apt. 4	Bedroom	D	Radiator			Metal	White	I	0.00	NEG
169	6/15/20	Apt. 4	Bath	--	Ceiling			Plaster	White	I	0.00	NEG
170	6/15/20	Apt. 4	Bath	D	Door			Wood	Varnish	I	0.00	NEG
171	6/15/20	Apt. 4	Bath	D	Door		Jamb	Wood	White	I	0.00	NEG
172	6/15/20	Apt. 4	Bath	A	Cabinet		Door	Wood	Varnish	I	0.00	NEG
173	6/15/20	Apt. 4	Bath	A	Cabinet		Base	Wood	Varnish	I	0.00	NEG
174	6/15/20	Apt. 4	Bath	C	Radiator			Metal	White	I	0.00	NEG
175	6/15/20	Commons	Front Stairs	A	Wall			Plaster	White	I	0.00	NEG
176	6/15/20	Commons	Front Stairs	B	Wall			Plaster	White	I	0.00	NEG
177	6/15/20	Commons	Front Stairs	C	Wall			Plaster	White	I	0.00	NEG
178	6/15/20	Commons	Front Stairs	D	Wall			Plaster	White	I	0.00	NEG
179	6/15/20	Commons	Front Stairs	--	Ceiling			Plaster	White	I	0.04	NEG
180	6/15/20	Commons	Front Stairs	A	Door			Wood	White	I	0.00	NEG
181	6/15/20	Commons	Front Stairs	A	Door		Jamb	Wood	White	I	0.00	NEG
182	6/15/20	Commons	Front Stairs	B	Door			Wood	White	I	0.00	NEG
183	6/15/20	Commons	Front Stairs	B	Door		Jamb	Wood	White	I	0.00	NEG
184	6/15/20	Commons	Front Stairs	D	Baseboard			Wood	Varnish	I	0.06	NEG
185	6/15/20	Commons	Front Stairs	--	Step	Stair		Wood	Varnish	I	0.00	NEG
186	6/15/20	Commons	Front Stairs	--	Riser	Stair		Wood	Varnish	I	0.00	NEG
187	6/15/20	Commons	Front Stairs	D	Stringer	Stair		Wood	Varnish	I	0.00	NEG
188	6/15/20	Commons	Front Stairs	B	Handrail	Stair		Wood	Varnish	I	0.00	NEG
189	6/15/20	Exterior	Ext Porch	A	Door			Wood	Red	I	0.00	NEG
190	6/15/20	Exterior	Ext Porch	A	Door		Jamb	Wood	White	I	0.00	NEG
191	6/15/20	Exterior	Ext Porch	A	Door		Case	Wood	White	I	4.00	POS
192	6/15/20	Exterior	Ext Porch	A	Door	Window	Case	Wood	White	I	1.40	POS

Lurie Terrace - 3 Parkview Place, Ann Arbor, MI - XRF Readings

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
193	6/15/20	Exterior	Ext Porch	A	Ceiling			Wood	White	I	0.00	NEG
194	6/15/20	Exterior	Ext Porch	A	Support Beam			Wood	White	I	4.10	POS
195	6/15/20	Exterior	Ext Porch	A	Handrail			Wood	White	I	0.00	NEG
196	6/15/20	Exterior	Ext Porch	A	Balluster			Wood	White	I	0.00	NEG
197	6/15/20	Exterior	Ext Porch	A	Newel Post			Wood	White	I	0.00	NEG
198	6/15/20	Exterior	Ext Porch	A	Newel Post Cap			Wood	Red	I	0.01	NEG
199	6/15/20	Exterior	Exterior	A	Window		Case	Metal	White	I	0.00	NEG
200	6/15/20	Exterior	Exterior	B	Window		Case	Metal	White	I	0.00	NEG
201	6/15/20	Exterior	Ext Porch	C	Door			Wood	Varnish	I	0.00	NEG
202	6/15/20	Exterior	Ext Porch	C	Door		Jamb	Wood	White	I	3.10	POS
203	6/15/20	Exterior	Ext Porch	C	Door		Case	Wood	White	I	4.70	POS
204	6/15/20	Exterior	Exterior	D	Window			Metal	White	I	0.10	NEG
205	6/15/20	Exterior	Exterior	D	Window Well			Concrete	White	I	0.00	NEG
206	6/15/20	Calibration									1.00	POS
207	6/15/20	Calibration									1.10	POS
208	6/15/20	Calibration									1.00	POS
209	6/15/20	Calibration									0.00	NEG
210	6/15/20	Calibration									0.00	NEG
211	6/15/20	Calibration									0.00	NEG

## C-3: XRF Readings Positive for Lead

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Lurie Terrace - 3 Parkview Place, Ann Arbor, MI - XRF Readings Positive for Lead

Reading	Date	Area	Room	Side	Comp	Loc	Feat	Subst	Color	Cond	Pb mg/cm <sup>2</sup>	Result
191	6/15/20	Exterior	Ext Porch	A	Door		Case	Wood	White	I	4.00	POS
192	6/15/20	Exterior	Ext Porch	A	Door	Window	Case	Wood	White	I	1.40	POS
194	6/15/20	Exterior	Ext Porch	A	Support Beam			Wood	White	I	4.10	POS
202	6/15/20	Exterior	Ext Porch	C	Door		Jamb	Wood	White	I	3.10	POS
203	6/15/20	Exterior	Ext Porch	C	Door		Case	Wood	White	I	4.70	POS

## C-4: Performance Characteristic Sheets

---

## Performance Characteristic Sheet

EFFECTIVE DATE: September 24, 2004

EDITION NO.: 1

### MANUFACTURER AND MODEL:

Make: Niton LLC

Tested Model: XLp 300

Source:  $^{109}\text{Cd}$ 

Note: This PCS is also applicable to the equivalent model variations indicated below, for the Lead-in-Paint K+L variable reading time mode, in the XLi and XLp series:

XLi 300A, XLi 301A, XLi 302A and XLi 303A.

XLp 300A, XLp 301A, XLp 302A and XLp 303A.

XLi 700A, XLi 701A, XLi 702A and XLi 703A.

XLp 700A, XLp 701A, XLp 702A, and XLp 703A.

Note: The XLi and XLp versions refer to the shape of the handle part of the instrument. The differences in the model numbers reflect other modes available, in addition to Lead-in-Paint modes. The manufacturer states that specifications for these instruments are identical for the source, detector, and detector electronics relative to the Lead-in-Paint mode.

## FIELD OPERATION GUIDANCE

### OPERATING PARAMETERS:

Lead-in-Paint K+L variable reading time mode.

### XRF CALIBRATION CHECK LIMITS:

0.8 to 1.2 mg/cm <sup>2</sup> (inclusive)
---

The calibration of the XRF instrument should be checked using the paint film nearest 1.0 mg/cm<sup>2</sup> in the NIST Standard Reference Material (SRM) used (e.g., for NIST SRM 2579, use the 1.02 mg/cm<sup>2</sup> film).

If readings are outside the acceptable calibration check range, follow the manufacturer's instructions to bring the instruments into control before XRF testing proceeds.

### SUBSTRATE CORRECTION:

For XRF results using Lead-in-Paint K+L variable reading time mode, substrate correction is not needed for:

Brick, Concrete, Drywall, Metal, Plaster, and Wood

### INCONCLUSIVE RANGE OR THRESHOLD:

K+L MODE READING DESCRIPTION	SUBSTRATE	THRESHOLD (mg/cm <sup>2</sup> )
Results not corrected for substrate bias on any substrate	Brick	1.0
	Concrete	1.0
	Drywall	1.0
	Metal	1.0
	Plaster	1.0
	Wood	1.0

## BACKGROUND INFORMATION

### EVALUATION DATA SOURCE AND DATE:

This sheet is supplemental information to be used in conjunction with Chapter 7 of the HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* ("HUD Guidelines"). Performance parameters shown on this sheet are calculated from the EPA/HUD evaluation using archived building components. Testing was conducted in August 2004 on 133 testing combinations. The instruments that were used to perform the testing had new sources; one instrument's was installed in November 2003 with 40 mCi initial strength, and the other's was installed June 2004 with 40 mCi initial strength.

### OPERATING PARAMETERS:

Performance parameters shown in this sheet are applicable only when properly operating the instrument using the manufacturer's instructions and procedures described in Chapter 7 of the HUD Guidelines.

### SUBSTRATE CORRECTION VALUE COMPUTATION:

Substrate correction is not needed for brick, concrete, drywall, metal, plaster or wood when using Lead-in-Paint K+L variable reading time mode, the normal operating mode for these instruments. If substrate correction is desired, refer to Chapter 7 of the HUD Guidelines for guidance on correcting XRF results for substrate bias.

### EVALUATING THE QUALITY OF XRF TESTING:

Randomly select ten testing combinations for retesting from each house or from two randomly selected units in multifamily housing. Use the K+L variable time mode readings.

Conduct XRF retesting at the ten testing combinations selected for retesting.

Determine if the XRF testing in the units or house passed or failed the test by applying the steps below.

Compute the Retest Tolerance Limit by the following steps:

Determine XRF results for the original and retest XRF readings. Do not correct the original or retest results for substrate bias. In single-family housing a result is defined as the average of three readings. In multifamily housing, a result is a single reading. Therefore, there will be ten original and ten retest XRF results for each house or for the two selected units.

Calculate the average of the original XRF result and retest XRF result for each testing combination.

Square the average for each testing combination.

Add the ten squared averages together. Call this quantity C.

Multiply the number C by 0.0072. Call this quantity D.

Add the number 0.032 to D. Call this quantity E.

Take the square root of E. Call this quantity F.

Multiply F by 1.645. The result is the Retest Tolerance Limit.

Compute the average of all ten original XRF results.

Compute the average of all ten re-test XRF results.

Find the absolute difference of the two averages.

If the difference is less than the Retest Tolerance Limit, the inspection has passed the retest. If the difference of the overall averages equals or exceeds the Retest Tolerance Limit, this procedure should be repeated with ten new testing combinations. If the difference of the overall averages is equal to or greater than the Retest Tolerance Limit a second time, then the inspection should be considered deficient.

Use of this procedure is estimated to produce a spurious result approximately 1% of the time. That is, results of this procedure will call for further examination when no examination is warranted in approximately 1 out of 100 dwelling units tested.

**TESTING TIMES:**

For the Lead-in-Paint K+L variable reading time mode, the instrument continues to read until it is moved away from the testing surface, terminated by the user, or the instrument software indicates the reading is complete. The following table provides testing time information for this testing mode. The times have been adjusted for source decay, normalized to the initial source strengths as noted above. Source strength and type of substrate will affect actual testing times. At the time of testing, the instruments had source strengths of 26.6 and 36.6 mCi.

Testing Times Using K+L Reading Mode (Seconds)						
Substrate	All Data			Median for laboratory-measured lead levels (mg/cm <sup>2</sup> )		
	25 <sup>th</sup> Percentile	Median	75 <sup>th</sup> Percentile	Pb < 0.25	0.25 ≤ Pb < 1.0	1.0 ≤ Pb
Wood Drywall	4	11	19	11	15	11
Metal	4	12	18	9	12	14
Brick Concrete Plaster	8	16	22	15	18	16

**CLASSIFICATION RESULTS:**

XRF results are classified as positive if they are greater than or equal to the threshold, and negative if they are less than the threshold.

**DOCUMENTATION:**

A document titled *Methodology for XRF Performance Characteristic Sheets* provides an explanation of the statistical methodology used to construct the data in the sheets, and provides empirical results from using the recommended inconclusive ranges or thresholds for specific XRF instruments. For a copy of this document call the National Lead Information Center Clearinghouse at 1-800-424-LEAD.

This XRF Performance Characteristic Sheet was developed by the Midwest Research Institute (MRI) and QuanTech, Inc., under a contract between MRI and the XRF manufacturer. HUD has determined that the information provided here is acceptable when used as guidance in conjunction with Chapter 7, Lead-Based Paint Inspection, of HUD's *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing*.

## **Appendix D: Dust Wipe & Soil Sampling**

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**D-1: Dust Wipe Summary Table**

**D-2: Laboratory Results**

## D-1: Dust Wipe Summary Table

**Dust Wipe Samples Exceeding Lead Hazard Levels**  
**Lurie Terrace Apartments – Three Parkview Place, Ann Arbor, MI 48103**  
**Risk Assessment Date: June 15, 2020**

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead $\mu\text{g}/\text{ft}^2$ *
5506175	21	B 3 PARKVIEW PL UNIT 3F	12	12	1.00	14.27

**Blank Dust Wipe Samples**  
**Lurie Terrace Apartments – Three Parkview Place, Ann Arbor, MI 48103**  
**Risk Assessment Date: June 15, 2020**

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead $\mu\text{g}/\text{ft}^2$ *
5506174	20	LIB 3 PARKVIEW PL UNIT 3F	12	12	1.00	<5.00

## D-2: Laboratory Results

---



30105 Beverly Road  
 Romulus, MI 48174  
 Ph: 734-629-8161; Fax: 734-629-8431

**Certificate of Analysis: Lead In Dust Wipe by EPA Method 7000B/3050B\***

**Client :** Environmental Health and Safety Consultants LLC  
 403 N Fairview Ave  
 Mt Prospect, IL 60056  
**Attn :** Lisa Laney **Email :** lisal@ehsllc.com  
**Phone :** 224-383-7832 **Fax :**

**AAT Project :** 570484  
**Sampling Date :** 06/15/2020  
**Date Received :** 06/16/2020  
**Date Analyzed :** 06/17/2020  
**Date Reported :** 6/17/2020 10:50:11AM

**Client Project :** 20-1022  
**Project Location :** LURIE TERRACE APT 3 PARK VIEW PLACE ANN ARBOR MI

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead ug/ft2 *
5506155	1	LR 3 PARKVIEW PL UNIT 1 F	12	12	1.00	<5.00
5506156	2	LR 3 PARKVIEW PL UNIT 1 S	3	20	0.42	<12.00
5506157	3	K 3 PARKVIEW PL UNIT 1 F	12	12	1.00	<5.00
5506158	4	BR 3 PARKVIEW PL UNIT 1 F	12	12	1.00	<5.00
5506159	5	BR 3 PARKVIEW PL UNIT 1 T	3.5	20	0.49	14.67
5506160	6	B 3 PARKVIEW PL UNIT 1 F	12	12	1.00	<5.00
5506161	7	B 3 PARKVIEW PL UNIT 1 S	3	20	0.42	<12.00
5506162	8	LR 3 PARKVIEW PL UNIT 2 F	12	12	1.00	<5.00
5506163	9	LR 3 PARKVIEW PL UNIT 2 T	3.5	20	0.49	<10.29
5506164	10	K 3 PARKVIEW PL UNIT 2 F	12	12	1.00	<5.00
5506165	11	BR 3 PARKVIEW PL UNIT 2 F	12	12	1.00	<5.00
5506166	12	BR 3 PARKVIEW PL UNIT 2 S	3	20	0.42	<12.00
5506167	13	B 3 PARKVIEW PL UNIT 2 F	12	12	1.00	<5.00
5506168	14	B 3 PARKVIEW PL UNIT 2 T	3.5	20	0.49	<10.29
5506169	15	LR 3 PARKVIEW PL UNIT 3F	12	12	1.00	<5.00
5506170	16	LR 3 PARKVIEW PL UNIT 3S	3	20	0.42	<12.00
5506171	17	K 3 PARKVIEW PL UNIT 3F	12	12	1.00	<5.00
5506172	18	BR 3 PARKVIEW PL UNIT 3F	12	12	1.00	<5.00
5506173	19	BR 3 PARKVIEW PL UNIT 3T	3.5	20	0.49	<10.29
5506174	20	LIB 3 PARKVIEW PL UNIT 3F	12	12	1.00	<5.00
5506175	21	B 3 PARKVIEW PL UNIT 3F	12	12	1.00	14.27

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (2) significant figures. AAT internal SOP S205. The method and batch QC are acceptable unless otherwise stated. EPA Regulatory Limits: 10 ug/ft2 (Floors, Carpeted/Uncarpeted), 100 ug/ft2 (Window Sill/Stools), 400 ug/ft2 (Window Trough/Well/Ext Concrete Surfaces). EPA Lead Dust Clearance Limits: 40 ug/ft2 (Floors, Carpeted/Uncarpeted), 250 ug/ft2 (Window Sill/Stools), 400 ug/ft2 (Window Trough/Well/Ext Concrete Surfaces). HUD Grantee Regulatory Limits: 10 ug/ft2 (Interior Floors), 40 ug/ft2 (Porch Floors), 100 ug/ft2 (Window Sills), 100 ug/ft2 (Window Troughs). The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT, LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. All Quality Control requirements for the samples this report contains have been met. AAT does not blank correct reported values. Sample data apply only to items analyzed. Results are calculated with wipe dimensions supplied by client. Reproduction of this document other than in its entirety is not authorized by AAT, LLC. \* = Validated modified method. Samples are stored for 15 days following report date



AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 06/17/2020

AAT Project: 570484

Lab Sample ID	Client Code	Sample Description	Length (inch)	Width (inch)	Area (Sq ft)	Results Lead µg/ft2 *
5506176	22	B 3 PARKVIEW PL UNIT 3S	3	20	0.42	<12.00
5506177	23	LR 3 PARKVIEW PL UNIT 4 F	12	12	1.00	<5.00
5506178	24	LR 3 PARKVIEW PL UNIT 4 T	3.5	20	0.49	16.65
5506179	25	K 3 PARKVIEW PL UNIT 4 F	12	12	1.00	<5.00
5506180	26	BR 3 PARKVIEW PL UNIT 4 F	12	12	1.00	<5.00
5506181	27	BR 3 PARKVIEW PL UNIT 4 S	3	20	0.42	<12.00
5506182	28	B 3 PARKVIEW PL UNIT 4 F	12	12	1.00	<5.00
5506183	29	B 3 PARKVIEW PL UNIT 4 T	3.5	20	0.49	<10.29
5506184	30	CMN 3 PARKVIEW PL CMN STRF	12	12	1.00	<5.00
5506185	31	CMN 3 PARKVIEW PL CMN STR F	12	12	1.00	<5.00

Analyst Signature

Tom Hamlin

ND = Not Detected, N/A = Not Available, RL = Reporting Limit, Analytical Reporting Limit is 5 ug/sample. For true values assume (2) significant figures. AAT internal SOP S205. The method and batch QC are acceptable unless otherwise stated. EPA Regulatory Limits: 10 ug/ft2 (Floors, Carpeted/Uncarpeted), 100 ug/ft2 (Window Sill/Stools), 400 ug/ft2 (Window Trough/Well/Ext Concrete Surfaces). EPA Lead Dust Clearance Limits: 40 ug/ft2 (Floors, Carpeted/Uncarpeted), 250 ug/ft2 (Window Sill/Stools), 400 ug/ft2 (Window Trough/Well/Ext Concrete Surfaces). HUD Grantee Regulatory Limits: 10 ug/ft2 (Interior Floors), 40 ug/ft2 (Porch Floors), 100 ug/ft2 (Window Sills), 100 ug/ft2 (Window Troughs). The laboratory operates in accord with ISO 17025 guidelines and holds limited scopes of accreditation under AIHA-LAP and NY State DOH ELAP programs. These results are submitted pursuant to AAT, LLC current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions. Analytical results relate to the samples as received by the lab. AAT will not assume any liability or responsibility for the manner in which the results are used or interpreted. All Quality Control requirements for the samples this report contains have been met. AAT does not blank correct reported values. Sample data apply only to items analyzed. Results are calculated with wipe dimensions supplied by client. Reproduction of this document other than in its entirety is not authorized by AAT, LLC. \* = Validated modified method. Samples are stored for 15 days following report date

AIHA LAP- Lab ID #100986, NY State DOH ELAP -Lab ID #11864, State of Ohio- Lab ID # 10042

Date Printed: 06/17/2020

AAT Project: 570484





# ACCURATE ANALYTICAL TESTING LLC

30105 Beverly Road  
 Romulus, Michigan 48174  
 (734) 699-LABS (5227) [www.accurate-test.com](http://www.accurate-test.com)  
 (734) 699-8407 FAX

PROJECT NUMBER: 20-1022      SAMPLE DATE: 6.15.2020  
 PROJECT ADDRESS: Lurie Terrace Apts - 3 Park View Place  
 SAMPLE START TIME: 900      SAMPLE END TIME: 1200  
 RISK ASSESSOR: Joseph Laney

**SUBMITTING COMPANY**  
 Environmental Health & Safety Consultants, LLC  
 403 N. Fairview Ave.  
 Mt. Prospect, IL 60056  
 PO # Invoice

**CONTACT INFORMATION**  
 Lisa Laney  
 PHONE # 224-383-7832  
 FAX #  
 EMAIL [ljal@ehscllc.com](mailto:ljal@ehscllc.com)

REQUESTED ANALYSIS: LEAD  
 SINGLE DUST WIPE: XX  
 COMPOSITE SOIL:  
 PAINT: PPM  
 Mg/Cm2

TURN AROUND TIME:  
 SAME DAY ( )  
 24 HOURS ( )  
 48 HOURS ( )  
 72 HOURS ( xx )

LAB ID	SAMPLE ID	ROOM	SAMPLE DESCRIPTION	S/T/F	DIMENSIONS (INCHES)	CLIENT COMMENTS
521052	20-1022-01	LR	3 Park View Pl - Unit 1	F	12x12	
521053	20-1022-02	LR		S	3x20	
521054	20-1022-03	K		F	12x12	
521055	20-1022-04	BR		F	12x12	
521056	20-1022-05	BR		T	3.5x20	
521057	20-1022-06	B		F	12x12	
521058	20-1022-07	B		S	3x20	
521059	20-1022-08	LR	- Unit 2	F	12x12	
521060	20-1022-09	LR		T	3.5x20	
521061	20-1022-10	K		F	12x12	
521062	20-1022-11	BR		F	12x12	
521063	20-1022-12	BR		S	3x20	
521064	20-1022-13	B		F	12x12	
521065	20-1022-14	B		T	3.5x20	
521066	20-1022-15	LR	- Unit 3	F	12x12	

SEALS INTACT: Y N  
 PRESERVATIVES: Y N  
 CONTAINERS LABELED: Y N

LAB PROJECT NUMBER: 2906

LAB REMARKS: 2906

SAMPLES RELINQUISHED BY: *Joseph Laney*      6.15.2020  
 SAMPLES RECEIVED BY: *JAL*      JUN 16 2020

DATE/TIME: *JAL*      AM      PM

By submitting samples to AAT, the client agrees to AAT's terms and conditions



# ACCURATE ANALYTICAL TESTING LLC

30105 Beverly Road

Romulus, Michigan 48174

(734) 699-LABS (5227)

(734) 699-8407 FAX

[www.accurate-test.com](http://www.accurate-test.com)

PROJECT NUMBER

PROJECT ADDRESS

SAMPLE START TIME

RISK ASSESSOR

20-1022 SAMPLE DATE 6.15.2020

Lurie Terrace Apts - 3 Park View Place

SAMPLE END TIME 1200

900

Joseph Laney

**SUBMITTING COMPANY**  
Environmental Health & Safety Consultants, LLC  
403 N. Fairview Ave.  
Mt. Prospect, IL 60056

**CONTACT INFORMATION**  
Lisa Laney  
PHONE # 224-383-7832  
FAX #  
EMAIL [lisa@ehscllc.com](mailto:lisa@ehscllc.com)

PO # Invoice  
REQUESTED ANALYSIS LEAD  
SINGLE DUST WIPE XX  
COMPOSITE SOIL  
PAINT PPM  
Mg/Cm2

TURN AROUND TIME  
SAME DAY ( )  
24 HOURS ( )  
48 HOURS ( )  
72 HOURS ( xx )

LAB ID	SAMPLE ID	ROOM	SAMPLE DESCRIPTION	S/T/F	DIMENSIONS (INCHES)	CLIENT COMMENTS
20-1022-16	LR	3 Park View Pl - Unit 3	S	3x20		
20-1022-17	K		F	12x12		
20-1022-18	BR		F	12x12		
20-1022-19	BR		T	3.5x20		
20-1022-20	LIS		F	12x12		
20-1022-21	B		F	12x12		
20-1022-22	B		S	3x20		
20-1022-23	LR	Unit 4	F	12x12		
20-1022-24	LR		T	3.5x20		
20-1022-25	K		F	12x12		
20-1022-26	BR		F	12x12		
20-1022-27	BR		S	3x20		
20-1022-28	B		F	12x12		
20-1022-29	B		T	3.5x20		
20-1022-30	Common	Common Stair	F	12x12		
<p>SAMPLES RELINQUISHED BY: <u>[Signature]</u> DATE/TIME: <u>6.15.2020</u></p> <p>SAMPLES RECEIVED BY: _____ DATE/TIME: _____</p>						
<p>SEALS INTACT Y N PRESERVATIVES Y N CONTAINERS LABELED Y N</p> <p>LAB PROJECT NUMBER</p> <p>LAB REMARKS</p>						

By submitting samples to AAT, the client agrees to AAT's terms and conditions



## **Appendix E: Certifications, Licenses, and Accreditations**

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- E-1: Lead-Based Paint Inspector and Risk Assessor's License/Certification Information**
  
- E-2: National Lead Laboratory Accreditation Program (NLLAP) Information**

## **E-1: Lead-Based Paint Inspector & Risk Assessor's License/Certification**

---

**Joseph Laney**

**Lead Inspector/Risk Assessor**

Cert. number **P-08630**

Annual fee due by March 31, **2021**

*Appropriate refresher training and  
exam must be taken to renew this  
certification before March 31, **2023***



## **E-2: National Lead Laboratory Accreditation Program (NLLAP) Information**

---



August 30, 2019

Laboratory ID: 100986

Robert Theys  
Accurate Analytical Testing, LLC  
30105 Beverly Road  
Romulus, MI 48174

Dear Mr. Theys:

Congratulations! The AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC's Analytical Accreditation Board (AAB) has approved Accurate Analytical Testing, LLC as an accredited Environmental Lead laboratory.

Accreditation documentation includes the ELLAP accreditation certificate, scope of accreditation document and a copy of the current AIHA-LAP, LLC license agreement (if your completed agreement is not on file at AIHA-LAP, LLC). The accreditation symbol has been designed for use by all AIHA-LAP, LLC accredited laboratories. If your laboratory chooses to use the symbol in its advertising the laboratory's accreditation, you must complete and return the AIHA-LAP, LLC license agreement to a Laboratory Accreditation Specialist. Once submitted, an electronic copy of the accreditation symbol will be sent to you.

Laboratory accreditation shall be maintained by continued compliance with ELLAP requirements (*see Policy Modules 2C and 6*), which includes proficient participation in AIHA-LAP, LLC approved proficiency testing, demonstration of competency, or round robin program as indicated on the AIHA-LAP "Approved PT and Round Robin" webpage, its associated Scope/PT table, and as required in Policy Module 6, for all Fields of Testing (FoTs) for which the laboratory is accredited. An accredited laboratory that wishes to expand into a new FoT must submit an updated accreditation application to AIHA-LAP, LLC for review by the AAB.

Any changes in ownership, laboratory location, personnel, FoTs/Methods, or significant procedural changes shall be reported to AIHA-LAP, LLC in writing within twenty (20) business days of the change.

The accreditation certificate is the property of AIHA-LAP, LLC and must be returned to us should your laboratory withdraw or be removed from the ELLAP.

Again, congratulations. If you have any questions, please contact Drake McGregor, Laboratory Accreditation Specialist, at (703) 846-0739.

Sincerely,

Cheryl O. Morton  
Managing Director



## AIHA Laboratory Accreditation Programs, LLC

*acknowledges that*

### **Accurate Analytical Testing, LLC**

30105 Beverly Road, Romulus, MI 48174

Laboratory ID: 100986

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 17025:2017 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories* in the following:

#### **LABORATORY ACCREDITATION PROGRAMS**

- INDUSTRIAL HYGIENE**
- ENVIRONMENTAL LEAD**
- ENVIRONMENTAL MICROBIOLOGY**
- FOOD**
- UNIQUE SCOPES**

Accreditation Expires:  
 Accreditation Expires: August 01, 2021  
 Accreditation Expires:  
 Accreditation Expires:  
 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 17025:2017 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](http://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



## AIHA Laboratory Accreditation Programs, LLC SCOPE OF ACCREDITATION

### Accurate Analytical Testing, LLC

30105 Beverly Road, Romulus, MI 48174

Laboratory ID: **100986**

Issue Date: 08/30/2019

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or withdrawal of accreditation.

The EPA recognizes the AIHA-LAP, LLC ELLAP program as meeting the requirements of the National Lead Laboratory Accreditation Program (NLLAP) established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint, soil and dust wipe analysis. Air and composited wipes analyses are not included as part of the NLLAP.

### Environmental Lead Laboratory Accreditation Program (ELLAP)

**Initial Accreditation Date: 02/01/2004**

Field of Testing (FoT)	Technology sub-type/ Detector	Method	Method Description <i>(for internal methods only)</i>
<b>Paint</b>		EPA SW-846 3050B (Mod)	
		EPA SW-846 7000	
		EPA SW-846 7420	
<b>Soil</b>		EPA SW-846 3050B (Mod)	
		EPA SW-846 7000	
		EPA SW-846 7420	
<b>Settled Dust by Wipe</b>		EPA SW-846 7000	
		NIOSH 7082	
<b>Airborne Dust</b>		EPA SW-846 7000	
		NIOSH 7082	

A complete listing of currently accredited Environmental Lead laboratories is available on the AIHA-LAP, LLC website at: <http://www.aihaaccreditedlabs.org>

## **Appendix F: Lead and Lead Safety Resource Data**

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**F-1: Glossary**

**F-2: Resources for Additional Information**

## F-1: Glossary

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**Abatement:** A measure or set of measures designed to permanently eliminate lead-based paint hazards or lead-based paint. Abatement strategies include the removal of lead-based paint, enclosure, encapsulation, replacement of building components coated with lead-based paint, removal of lead contaminated dust, and removal of lead contaminated soil or overlaying of soil with a durable covering such as asphalt (grass and sod are considered interim control measures). All of these strategies require preparation; cleanup; waste disposal; postabatement clearance testing; recordkeeping; and, if applicable, monitoring. See also [Complete abatement](#) and [Interim controls](#).

**Accreditation:** A formal recognition certifying that an organization, such as a laboratory, is competent to carry out specific tasks or types of tests.

**Accuracy:** The degree of agreement between an observed value and an accepted reference value (a “true” value); a data quality indicator. Accuracy includes a combination of random errors (precision) and systematic errors (bias) due to sampling and analysis.

**Bare soil:** Soil not covered with grass, sod, some other similar vegetation, or paving, including the sand in sandboxes.

**Building component:** Any element of a building that may be painted or have dust on its surface, e.g., walls, stair treads, floors, railings, doors, windowsills, etc.

**Certification:** The process of testing and evaluating against certain specifications the competence of a person, organization, or other entity in performing a function or service, usually for a specified period of time.

**Certified:** The designation for Contractors who have completed training and other requirements to safely allow them to undertake risk assessments, inspections, or abatement work. risk assessors, inspectors, and Abatement Contractors should be certified by the appropriate local, State, or Federal agency.

**Chewable surface:** See **Chewed surface**.

**Chewed surface:** Any painted surface that shows evidence of having been chewed or mouthed by a young child. A chewed surface is usually a protruding, horizontal part of a building, such as an interior windowsill.

**Cleaning:** The process of using a vacuum and wet cleaning agents to remove leaded dust; the process includes the removal of bulk debris from the work area. OSHA prohibits the use of compressed air to clean lead-contaminated dust from a surface.

**Clearance examination:** Visual examination and collection of environmental samples by an inspector or risk assessor, or, in some circumstances, a Sampling Technician, and analysis by an accredited laboratory upon completion of an abatement project, interim control intervention, or maintenance job that disturbs lead-based paint (or paint suspected of being lead-based). The clearance examination is performed to ensure that lead exposure levels do not exceed standards established by the EPA Administrator pursuant to Title IV of the Toxic Substances Control Act, and that any cleaning following such work adequately meets those standards.

**Common area:** A room or area that is accessible to all residents in a community (e.g., hallways or lobbies); in general, any area not kept locked.

**Composite sample:** A single sample made up of individual subsamples. Analysis of a composite sample produces the arithmetic mean of all subsamples.

**Containment:** A process to protect workers and the environment by controlling exposures to the lead-contaminated dust and debris created during abatement.

**Deteriorated lead-based paint:** Any lead-based paint coating on a damaged or deteriorated surface or fixture, or any interior or exterior lead-based paint that is peeling, chipping, blistering, flaking, worn, chalking, alligatoring, cracking, or otherwise becoming separated from the substrate.

**Disposal (of waste):** The discharge, deposit, injection, dumping, spilling, leaking, or placement of solid or liquid waste on land or in water so that none of its constituents can pollute the environment by being emitted into the air or discharged into a body of water, including groundwater.

**Environmental Intervention Blood-Lead Level (EIBL) child:** A child who has a blood lead level at or above 20 µg/dL (micrograms of lead per deciliter of blood) in a single test or at 15-19 µg/dL in two tests taken at least 3 months apart.

**Encapsulation:** Any covering or coating that acts as a barrier between lead-based paint and the environment, the durability of which relies on adhesion and the integrity of the existing bonds between multiple layers of paint and between the paint and the substrate. See also **Enclosure**.

**Enclosure:** The use of rigid, durable construction materials that are mechanically fastened to the substrate to act as a barrier between the Lead-based paint and the environment.

**Evaluation:** Risk assessment, paint inspection, reevaluation, investigation, clearance examination, or risk assessment screen.

**Examination:** See **Clearance examination**.

**Federal Register (FR):** A daily Federal publication that contains proposed and final regulations, rules, and notices.

**Impact surface:** An interior or exterior surface (such as surfaces on doors) subject to damage by repeated impact or contact.

**Inspection (of paint):** A surface-by-surface investigation to determine the presence of lead-based paint (in some cases including dust and soil sampling) and a report of the results.

**Interim controls:** A set of measures designed to temporarily reduce human exposure or possible exposure to lead-based paint hazards. Such measures include specialized cleaning, repairs, maintenance, painting, temporary containment, and management and resident education programs. Monitoring, conducted by Owners, and reevaluations, conducted by professionals, are integral elements of interim control. Interim controls include dust removal; paint film stabilization; treatment of friction and impact surfaces; installation of soil coverings, such as grass or sod; and land use controls. See also **Monitoring, Reevaluation, and Abatement**.

**Interior windowsill:** The portion of the horizontal window ledge that protrudes into the interior of the room, adjacent to the window sash when the window is closed; often called the window stool.

**Latex:** A waterborne emulsion paint made with synthetic binders, such as 100 percent acrylic, vinyl acrylic, terpolymer, or styrene acrylic; a stable emulsion of polymers and pigment in water.

**Lead:** Lead includes metallic lead and inorganic and organic compounds of lead.

**Lead-based paint:** Any paint, varnish, shellac, or other coating that contains lead equal to or greater than 1.0 mg/cm<sup>2</sup> (milligrams of lead per square centimeter of surface) as measured by XRF or laboratory analysis, or 0.5 percent by weight (5,000 µg/g, 5,000 ppm (parts per million), or 5,000 mg/kg) as measured by laboratory analysis. (Local definitions may vary.)

**Lead-based paint hazard:** A condition in which exposure to lead from lead-contaminated dust, lead-contaminated soil, or deteriorated lead-based paint would have an adverse effect on human health (as established by the EPA Administrator under Title IV of the Toxic Substances Control Act). Lead-based paint hazards include, for example, deteriorated lead-based paint, leaded dust levels above applicable standards, and bare leaded soil above applicable standards.

**Lead-based paint hazard control:** Activities to control and eliminate lead-based paint hazards, including interim controls, abatement, and complete abatement.

**Lead-contaminated dust:** Surface dust in residences that contain an area concentration of lead in excess of the standard established by the EPA Administrator, pursuant to Title IV of the Toxic Substances Control Act. EPA standards for leaded dust for risk assessments are 40  $\mu\text{g}/\text{ft}^2$  (micrograms of lead per square foot) on floors and 250  $\mu\text{g}/\text{ft}^2$  on interior windowsills. The EPA standards for clearance are 40  $\mu\text{g}/\text{ft}^2$  on floors, 250  $\mu\text{g}/\text{ft}^2$  on interior windowsills and 400  $\mu\text{g}/\text{ft}^2$  on window troughs. The recommended standard for lead hazard screens for floors is 25  $\mu\text{g}/\text{ft}^2$  and for windowsills is 125  $\mu\text{g}/\text{ft}^2$ .

**Lead-contaminated soil:** Bare soil on residential property that contains lead in excess of the standard established by the EPA Administrator, pursuant to Title IV of the Toxic Substances Control Act. The standard is 400  $\mu\text{g}/\text{g}$  in play areas and 1200  $\mu\text{g}/\text{g}$  in the rest of the yard.

**Leaded dust:** See **Lead-contaminated dust**.

**Licensed:** Holding a valid license or certification issued by EPA or by an EPA-approved State program pursuant to Title IV of the Toxic Substances Control Act. The license is based on certification for lead-based paint hazard control work. See also **Certified**.

**Maintenance:** Work intended to maintain adequate living conditions in a dwelling, which has the potential to disturb lead-based paint or paint that is suspected of being lead-based.

**Mean:** The arithmetic average of a series of numerical data values; for example, the algebraic sum of the data values divided by the number of data values.

**Microgram ( $\mu\text{g}$ ):** 1/1,000,000 of a gram; used to measure weight.

**Monitoring:** Surveillance to determine (1) that known or suspected lead-based paint is not deteriorating; (2) that lead-based paint hazard controls, such as paint stabilization, enclosure, or encapsulation have not failed; and (3) that structural problems do not threaten the integrity of hazard controls or of known or suspected.

**Owner:** A person, firm, corporation, guardian, conservator, receiver, trustee, executor, government agency or entity, or other judicial officer who, alone or with others, owns, holds, or controls the freehold or leasehold title or part of the title to property, with or without actually possessing it. This definition includes a vendee who possesses the title, but does not include a mortgagee or an Owner of a reversionary interest under a ground rent lease.

**Paint inspector:** An individual who has completed training from an accredited program and been licensed or certified by the appropriate State or local agency to (1) perform inspections to determine and report the presence of lead-based paint on a surface-by-surface basis through onsite testing, (2) report the findings of such an inspection, (3) collect environmental samples for laboratory analysis, (4) perform clearance testing, and optionally (5) document successful compliance with lead-based paint hazard control requirements or standards.

**Paint removal:** An abatement strategy that entails the removal of lead-based paint from surfaces. For lead hazard control work, this can mean using chemicals, heat guns below 1,100° F, and certain *contained* abrasive methods. Open-flame burning, open-abrasive blasting, sandblasting, extensive dry scraping, and stripping in a poorly

ventilated space using a volatile stripper are prohibited paint removal methods. Hydroblasting is not recommended.

**Plastic:** See **Polyethylene plastic**.

**Polyethylene plastic:** All references to polyethylene plastic refer to 6 mil plastic sheeting or polyethylene bags (or doubled bags if using 4 mil polyethylene bags), or any other thick plastic material shown to demonstrate at least equivalent dust containment performance. Plastic used to contain waste should be capable of completely containing the waste and, after being properly sealed, should remain leak tight with no visible signs of discharge during movement or relocation.

**Polyurethane:** An exceptionally hard and wear-resistant coating (created by the reaction of polyols with a multifunctional isocyanate); often used to seal wood floors following lead-based paint hazard control work and cleaning.

**Reevaluation:** In lead hazard control work, the combination of a visual assessment and collection of environmental samples performed by a certified risk assessor to determine if a previously implemented lead-based paint hazard control measure is still effective and if the dwelling remains lead-safe.

**Removal:** See **Paint removal**.

**Renovation:** Work that involves construction and/or home or building improvement measures such as window replacement, weatherization, remodeling, and repainting.

**Replacement:** A strategy of abatement that entails the removal of building components coated with lead-based paint (such as windows, doors, and trim) and the installation of new components free of lead-based paint.

**Resident:** A person who lives in a dwelling.

**Risk assessment:** An onsite investigation of a residential dwelling to discover any lead-based paint hazards. Risk assessments include an investigation of the age, history, management, and maintenance of the dwelling, and the number of children under age 6 and women of childbearing age who are residents; a visual assessment; limited environmental sampling (i.e., collection of dust wipe samples, soil samples, and deteriorated paint samples); and preparation of a report identifying acceptable abatement and interim control strategies based on specific conditions.

**Risk assessor:** A certified individual who has completed training with an accredited training program and who has been certified to (1) perform risk assessments, (2) identify acceptable abatement and interim control strategies for reducing identified lead-based paint hazards, (3) perform clearance testing and reevaluations, and (4) document the successful completion of lead-based paint hazard control activities.

**Site:** The land or body of water where a facility is located or an activity is conducted. The site includes adjacent land used in connection with the facility or activity.

**Soil:** See **Bare soil**.

**Spectrum analyzer:** A type of XRF analyzer that provides the operator with a plot of the energy and intensity, or counts of both K and L x-ray spectra, as well as a calculated lead concentration. See also **XRF analyzer**.

**Standard deviation:** A measure of the precision of a reading; the spread of the deviation from the mean. The smaller the standard deviation, the more precise the analysis. The standard deviation is calculated by first obtaining the mean, or the arithmetic average, of all of the readings. A formula is then used to calculate how much the individual values vary from the mean—the standard deviation is the square root of the arithmetic

average of the squares of the deviation from the mean. Many hand calculators have an automatic standard deviation function. See also **Mean**.

**Subsample:** A representative portion of a sample. A subsample may be either a field sample or a laboratory sample. A subsample is often combined with other subsamples to produce a composite sample. See also **Composite sample**.

**Substrate:** A surface on which paint, varnish, or other coating has been applied or may be applied. Examples of substrates include wood, plaster, metal, and drywall.

**Substrate effect:** The radiation returned to an XRF analyzer by the paint, substrate, or underlying material, in addition to the radiation returned by any lead present. This radiation, when counted as lead x-rays by an XRF analyzer contributes to substrate equivalent lead (bias). The inspector may have to compensate for this effect when using XRF analyzers. See also **XRF analyzer**.

**Substrate Equivalent Lead (SEL):** The XRF measurement taken on an unpainted surface; used to calculate the corrected lead concentration on a surface by using the following formula: Apparent Lead Concentration–Substrate Equivalent Lead = Corrected Lead Concentration. See also **XRF analyzer**.

**Target housing:** Any residential unit constructed before 1978, except dwellings that do not contain bedrooms or dwellings that were developed specifically for the elderly or persons with disabilities—unless a child younger than 6 resides or is expected to reside in the dwelling. In the case of jurisdictions that banned the sale or use of lead-based paint before 1978, the Secretary of HUD may designate an earlier date for defining target housing.

**Test location:** A specific area on a testing combination where XRF instruments will test for lead-based paint.

**Trained:** Successful completion of a training course in a particular discipline. For lead hazard control work, the training course must be accredited by EPA or by an EPA-approved State program, pursuant to Title IV of the Toxic Substances Control Act.

**Treatment:** In residential lead-based paint hazard control work, any method designed to control lead-based paint hazards. Treatment includes interim controls, abatement, and removal.

**Trough:** See **Window trough**.

**Windowsill:** See **Interior windowsill**.

**Window trough:** For a typical double-hung window, the portion of the exterior windowsill between the interior windowsill (or stool) and the frame of the storm window. If there is no storm window, the window trough is the area that receives both the upper and lower window sashes when they are both lowered. Sometimes inaccurately called the window “well.”

**Worker:** An individual who has completed training in an accredited program to perform Lead-based paint hazard control in housing.

**Worksite:** Any interior or exterior area where lead-based paint hazard control work takes place.

**XRF analyzer:** An instrument that determines lead concentration in milligrams per square centimeter ( $\text{mg}/\text{cm}^2$ ) using the principle of x-ray fluorescence (XRF). Two types of field portable XRF analyzers are used — direct readers and spectrum analyzers. For this lead-based paint inspection, the term XRF analyzer only refers to portable instruments manufactured to analyze paint, that have a HUD Performance Characteristic Sheet, and are interpreted in accordance with the Performance Characteristic Sheet; it does not refer here to laboratory grade units or portable instruments designed to analyze soil.

## **F-2: RESOURCES FOR ADDITIONAL INFORMATION ON LEAD AND LEAD-BASED PAINT HAZARDS:**

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### **HUD OFFICE OF HEALTHY HOMES AND HAZARD CONTROL:**

[www.hud.gov/offices/lead](http://www.hud.gov/offices/lead)

202-755-1785, ext. 104

[lead\\_regulations@hud.gov](mailto:lead_regulations@hud.gov)

### **THE ENVIRONMENTAL PROTECTION AGENCY'S LEAD PROGRAMS:**

[www.epa.gov/opptintr/lead](http://www.epa.gov/opptintr/lead)

### **NATIONAL LEAD INFORMATION CENTER & CLEARINGHOUSE:**

1-800-424 LEAD

[www.epa.gov/lead/nlic.htm](http://www.epa.gov/lead/nlic.htm)

### **NATIONAL CENTER FOR HEALTHY HOUSING:**

410-992-0712

[www.centerforhealthyhousing.org](http://www.centerforhealthyhousing.org)

### **LEAD AND ENVIRONMENTAL HAZARD ASSOCIATION**

1-800-590-6522

301-924-0265

[www.leha.org](http://www.leha.org)

### **THE ALLIANCE FOR HEALTHY HOMES:**

202-543-1147

[www.afhh.org](http://www.afhh.org)

### **ADDITIONAL INFORMATION:**

Lists of recalled products containing lead: [www.safetyalerts.com](http://www.safetyalerts.com)

The Lead Listing – for information on lead-related service providers and EPA-accredited laboratories throughout the United States: [www.leadlisting.org](http://www.leadlisting.org)

## **Appendix M:**

# **Radon Gas Inspection Report**



**RDS**  
Environmental

## SUMMARY OF RADON INSPECTION

**Date of Report:** July 1, 2020

**Client:** **Dominion Due Diligence**  
201 Wylderose Drive  
Midlothian, VA 23113  
**Attn: Ms. Jennifer Corallino**

**Site:** **Lurie Terrace Apartments**  
600 West Huron Street  
3 Parkview Place  
Ann Arbor, MI

**Project#** 2020-0252

**RDS#** 521846-02

11603 Teller Street, Suite A  
Broomfield, CO 80020



1-800-627-2366 or local 303-444-5253



[info@rdsenvironmental.com](mailto:info@rdsenvironmental.com)



[www.rdsenvironmental.com](http://www.rdsenvironmental.com)





## TESTING OVERVIEW

On June 23, 2020 AARST/NRPP certified radon technician Mr. Phil Grosse NRPP cert#107327RT placed **45** short term **charcoal** radon devices, at the above property in predetermined locations per clients' request. The devices were retrieved on June 25, 2020. The devices were analyzed by Air Chek NRPP Lab ID# 101138AL and were analyzed via the EPA Method #402-R-92-004.

**Measurement Criteria:** During a short-term test, 2-90 days, to the extent reasonable, all windows, outside vents, and external doors should be kept closed (except for normal entrance and exit) during the testing period. In addition, for tests lasting less than 4 days, closed-building conditions are required for 12 hours prior to the start of the test. Other than a furnace, fans ventilation systems, and air-cooling systems that use outside air and exhaust inside air should not be operated. Operation of dryers, range hoods, and bathroom fans should be kept to a minimum. The tenants were requested to maintain closed-building conditions for twelve (12) hours prior to and during the testing. Closed building conditions were maintained.

**Testing protocols:** The testing was performed in accordance with the ANSI/AARST protocol for conducting radon and radon decay product measurements in multifamily buildings (ANSI/AARST MAMF-2017) in 100% of the ground level units and common areas and 10% of upper floor units. QA/QC samples (field blanks and duplicates) were also submitted in accordance with AARST guidelines.

The table below shows the locations and the results for the testing.

Location	Floor	Start Date	End Date	Device#	Results- (pCi/L)
3 Parkview Place Unit 1	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398463	<0.3
3 Parkview Place Unit 1	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398464	<0.3 (Duplicate)
3 Parkview Place Unit 2	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398466	<0.3
3 Parkview Place Unit 2	2 <sup>nd</sup> Floor	06/23/20	06/25/20	9398467	<0.3
3 Parkview Place Unit 4	2 <sup>nd</sup> Floor	06/23/20	06/25/20	9398468	<0.3
3 Parkview Place Unit 4	2 <sup>nd</sup> Floor	06/23/20	06/25/20	9402321	<0.3 (Blank)
3 Parkview Place Laundry Room	Basement	06/23/20	06/25/20	9398469	2.4
600 West Huron Street Unit 9	Basement	06/23/20	06/25/20	9398470	<0.3
600 West Huron Street Unit 8	Basement	06/23/20	06/25/20	9398471	0.6
600 West Huron Street Unit 119	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398472	<0.3
600 West Huron Street Unit 120	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398473	0.8
600 West Huron Street Unit 121	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398474	1.2
600 West Huron Street Unit 121	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398475	0.9 (Duplicate)

600 West Huron Street Unit 122	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398476	1.0
600 West Huron Street Unit 123	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398477	0.8
600 West Huron Street Unit 124	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398478	<0.3
600 West Huron Street Unit 125	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398479	0.7
600 West Huron Street Unit 126	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398480	0.9
600 West Huron Street Unit 127	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398481	1.3
600 West Huron Street Unit 105	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398482	<0.3
600 West Huron Street Unit 106	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398483	<0.3
600 West Huron Street Unit 107	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398484	<0.3
600 West Huron Street Unit 107	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398485	<0.3 (Duplicate)
600 West Huron Street Unit 108	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398486	< 0.3
600 West Huron Street Unit 109	1 <sup>st</sup> Floor	06/23/20	06/25/20	9398487	<0.3
600 West Huron Street Unit 109	1 <sup>st</sup> Floor	06/23/20	06/25/20	9402320	<0.3 (Blank)
600 West Huron Street Unit 112	1 <sup>st</sup> Floor	06/23/20	06/25/20	9402301	<0.3
600 West Huron Street Unit 110	1 <sup>st</sup> Floor	06/23/20	06/25/20	9402302	<0.3
600 West Huron Street Unit 223	2 <sup>nd</sup> Floor	06/23/20	06/25/20	9402303	<0.3
600 West Huron Street Unit 320	3 <sup>rd</sup> Floor	06/23/20	06/25/20	9402304	<0.3
600 West Huron Street Unit 623	6 <sup>th</sup> Floor	06/23/20	06/25/20	9402305	<0.3
600 West Huron Street Unit 620	6 <sup>th</sup> Floor	06/23/20	06/25/20	9402306	<0.3
600 West Huron Street Unit 619	6 <sup>th</sup> Floor	06/23/20	06/25/20	9402307	<0.3
600 West Huron Street Unit 619	6 <sup>th</sup> Floor	06/23/20	06/25/20	9402308	<0.3 (Duplicate)
600 West Huron Street Unit 606	6 <sup>th</sup> Floor	06/23/20	06/25/20	9402309	<0.3
600 West Huron Street Unit 609	6 <sup>th</sup> Floor	06/23/20	06/25/20	9402310	<0.3
600 West Huron Street Unit 714	7 <sup>th</sup> Floor	06/23/20	06/25/20	9402311	<0.3
600 West Huron Street Unit 725	7 <sup>th</sup> Floor	06/23/20	06/25/20	9402312	<0.3
600 West Huron Street Unit 724	7 <sup>th</sup> Floor	06/23/20	06/25/20	9402313	<0.3
600 West Huron Street Activity Room	8 <sup>th</sup> Floor	06/23/20	06/25/20	9402314	<0.3
600 West Huron Street Laundry Room	Basement	06/23/20	06/25/20	9402315	<0.3
600 West Huron Street Lounge	1 <sup>st</sup> Floor	06/23/20	06/25/20	9402316	<0.3
600 West Huron Street Office	1 <sup>st</sup> Floor	06/23/20	06/25/20	9402317	<0.3
600 West Huron Street Office	1 <sup>st</sup> Floor	06/23/20	06/25/20	9402318	<0.3 (Duplicate)
600 West Huron Street Office	1 <sup>st</sup> Floor	06/23/20	06/25/20	9402319	<0.3 (Blank)

**Conclusions:**

Samples collected within the facility determined that radon levels were BELOW the EPA action level of 4.0 pCi/L (picocuries per liter of air), within the sampled areas during the sampling period.

**Advisory:**

Retest the building at least every 5 years and in conjunction with any sale of a building.

In addition, be certain to test again when any of the following circumstances occur:

- A new addition is constructed or significant renovation occurs;
- A ground contact area not previously tested is occupied;
- Heating or cooling systems are significantly altered resulting in changes to air pressures or distribution;
- Ventilation is significantly altered by extensive weatherization, changes to mechanical systems or comparable procedures;
- Significant openings to soil occur due to:
  - Ground water or slab surface water control systems (e.g., sumps, perimeter drain tile, shower /tub retrofits, etc.); or
  - Natural settlement causing major cracks to develop;
  - Earthquakes, construction blasting, or formation of sink holes nearby; or
  - A mitigation system is altered, modified or repaired.

A copy of the laboratory results and inspector certification is attached to this report.

Respectfully,

*Phil Grosse,*

NRPP#107327RT

For

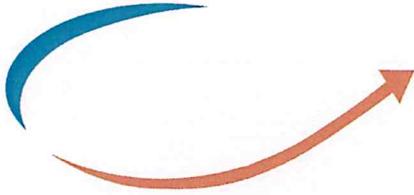
RDS Environmental, Inc.

**P0406 / CHRES JENSEN / RDS ENVIRONMENTAL, INC**

Kit #	pCi/L	Hours	Started	Ended	Analyzed	NOTES	MST%	°F
9402301	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		7.5%	70
9402302	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.7%	70
9402303	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.9%	70
9402304	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.7%	70
9402305	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.7%	70
9402306	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.7%	70
9402307	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.2%	70
9402308	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.1%	70
9402309	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.0%	70
9402310	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.9%	70
9402311	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.9%	70
9402312	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.9%	70
9402313	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.9%	70
9402314	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.2%	70
9402315	0.9 ± 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		8.0%	70
9402316	0.7 ± 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		8.7%	70
9402317	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.7%	70
9402318	< 0.3	48	2020-06-23 @ 11:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.6%	70
9402319	< 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		5.1%	70
9402320	< 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		4.4%	70
9402321	< 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		4.3%	70

## P0406 / CHRES JENSEN / RDS ENVIRONMENTAL, INC

Kit #	pCi/L	Hours	Started	Ended	Analyzed	NOTES	MST%	°F
9398463	< 0.3	49	2020-06-23 @ 9:00 am	2020-06-25 @ 10:00 am	2020-06-26		5.9%	70
9398464	< 0.3	49	2020-06-23 @ 9:00 am	2020-06-25 @ 10:00 am	2020-06-26		6.0%	70
9398466	< 0.3	49	2020-06-23 @ 9:00 am	2020-06-25 @ 10:00 am	2020-06-26		6.8%	70
9398467	< 0.3	49	2020-06-23 @ 9:00 am	2020-06-25 @ 10:00 am	2020-06-26		7.5%	70
9398468	< 0.3	49	2020-06-23 @ 9:00 am	2020-06-25 @ 10:00 am	2020-06-26		6.8%	70
9398469	2.4 ± 0.3	49	2020-06-23 @ 9:00 am	2020-06-25 @ 10:00 am	2020-06-26		8.1%	70
9398470	< 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		8.2%	70
9398471	0.6 ± 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		7.5%	70
9398472	< 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		6.7%	70
9398473	0.8 ± 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		10.3%	70
9398474	1.2 ± 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		8.9%	70
9398475	0.9 ± 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		8.2%	70
9398476	1.0 ± 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		6.7%	70
9398477	0.8 ± 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		6.7%	70
9398478	< 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		6.7%	70
9398479	0.7 ± 0.3	48	2020-06-23 @ 10:00 am	2020-06-25 @ 10:00 am	2020-06-26		8.9%	70
9398480	0.9 ± 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		8.1%	70
9398481	1.3 ± 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		7.4%	70
9398482	< 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		8.8%	70
9398483	< 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		8.2%	70
9398484	< 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.7%	70
9398485	< 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		6.7%	70
9398486	< 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		7.4%	70
9398487	< 0.3	49	2020-06-23 @ 10:00 am	2020-06-25 @ 11:00 am	2020-06-26		5.9%	70



## Philip E. Grosse Arch Environmental Group, Inc.

### Certified for Radon Measurement

- Certified by the National Radon Proficiency Program (NRPP)
- NRPP Certification #107327-RT
- Certified since: November 12, 2013
- Certification Expires: December 31, 2021

**Total NRPP Training/Education Credits: 80**

[Click for more info](#)

Farmington Hills, MI

(248) 426-0165

[Company Website](#)

[Contact](#)



### American Association of Radon Scientists and Technologists (AARST)

- AARST Member ID: A4042
- Member since: December 31, 2015

### Other services provided

- Consulting

### Business Links

- [Arch Environmental Group, Inc. Website](#)



### Michigan

*State Radon Office Contact*

Aaron Berndt, Radon Specialist

radon@michigan.gov

(517) 327-2618

[Radon Office Website](#)

[Interested in becoming a Member of AARST?](#)

[Interested in becoming NRPP certified ?](#)



## RESIDENT NOTICE OF INSPECTION

Dear Resident,

A radon gas assessment is to be conducted in your community. Your residence may be selected for placement of a measurement device. Access to your residence for purposes of placing and retrieving the measurement device may be necessary on the following dates:

Tentative detector placement      Day \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_  
Tentative detector pick-up      Day \_\_\_\_\_ Date \_\_\_\_\_ Time \_\_\_\_\_

During the measurement period, **regardless of whether or not a measurement device is placed in your residence**, you are required to maintain the following conditions to ensure a valid measurement:

- Closed-building conditions must be maintained for 12 hours prior to the initiation of the test and during the test.
- All windows on all levels and external doors must be kept closed (except for momentary events such as normal entry and exit) before and during the test period.
- Heating and cooling systems must be set to normal occupied operating temperatures and their fan/blower controls must be set to normal intermittent activity unless continuous activity is a permanent setting. Window air conditioners must only be operated in a recirculating mode. Equipment that supplies fresh air to the dwelling must be deactivated except for make-up air to combustion appliances.
- Whole house fans must not be operated. Window fans should be removed or sealed shut. Wood burning fireplaces must not be operated unless they are the primary sources of heat for the dwelling. Avoid excessive operation of clothes dryers, range hoods, bathroom fans and other mechanical systems that draw air out of the building.
- Ceiling fans, portable air filters, portable de-humidifiers or humidifiers or window air conditioning units must not be operated within 20' of the measurement device.
- If the device is placed in your unit, the measurement device must not be touched, tampered with, covered, removed or altered, and the location of the device must not be changed.

The technician placing and retrieving the devices is required to report any failure to maintain closed-building conditions. Failure to maintain these conditions could result in an invalid measurement and require the measurement to be repeated.

For additional information on radon gas, please reference the EPA's A Citizen's Guide to Radon, available at <http://www.epa.gov/radon/whereyoulive.html>, or visit your State Radon Office or your EPA Regional Office.

Your assistance in helping to ensure a valid measurement is greatly appreciated. Please contact your management office with questions regarding this notification. We thank you for your cooperation in helping to ensure safe and healthy homes.

## RESIDENTE AVISO DE INSPECCIÓN

Estimado Residente,

Es una evaluación de gas de radón a llevarse a cabo en su comunidad. Su residencia puede ser seleccionada para la colocación de un dispositivo de medición. Acceso a su residencia para fines de poner y recuperar el dispositivo de medición puede ser necesario en las siguientes fechas:

Colocación de los detectores provisional Dia\_\_\_\_\_ Fecha\_\_\_\_\_ Time\_\_\_\_\_

Detector provisional recogida Dia\_\_\_\_\_ Fecha\_\_\_\_\_ Time\_\_\_\_\_

Durante el período de medición, **independientemente de si o no un dispositivo de medición se encuentra en su residencia**, deberá mantener las siguientes condiciones para asegurar una medición válida:

- Condiciones del edificio cerrado deben mantenerse durante 12 horas antes de la iniciación de la prueba y durante la prueba.
- Todas las ventanas en todos los niveles y puertas externas deben mantenerse cerradas (excepto eventos momentáneos como normal entrada y salida) antes y durante el período de prueba.
- Calefacción y sistemas de enfriamiento se deben establecer en temperaturas normales de funcionamiento ocupadas y sus controles de ventilador/soplador deben configurarse como actividad intermitente normal a menos que la actividad continua es un ajuste permanente. Acondicionadores de aire ventana debe operarse sólo en modo de recirculación. Equipo que proporciona aire fresco a la vivienda debe ser desactivado a excepción de aire de repuesto para aparatos de combustión.
- Los fans de toda la casa no deben ser operados. Ventiladores de ventana deben eliminarse o sellaron de cierre. Chimeneas de leña no deben funcionar a menos que sean las principales fuentes de calor para la vivienda. Evitar el funcionamiento excesivo de secadoras de ropa, campanas, baño ventiladores y otros sistemas mecánicos que el aire fuera del edificio.
- Ventiladores de techo, filtros de aire portátiles, deshumidificadores portátiles o humidificadores o unidades de aire acondicionado de ventana no deben funcionar dentro de 20' del equipo de medida.
- Si el dispositivo se coloca en su unidad, el dispositivo de medición no debe ser tocado, alterado, cubierto, eliminados o alterados, y no debe cambiar la ubicación del dispositivo.

El técnico de poner y recuperar los dispositivos está obligado a comunicar el hecho de mantener las condiciones de edificio cerrado. Falta de mantenimiento de estas condiciones podría dar lugar en una medición válida y exigir la medición a repetirse.

Para información adicional sobre el gas radón, referencia la EPA de guía de un ciudadano de radón, disponible en <http://www.epa.gov/radon/wherewelive.html>, o visite su oficina estatal de radón o a la Oficina Regional de EPA.

Es muy apreciada su ayuda en la ayuda para asegurar una medición válida. Por favor comuníquese con su oficina de management con preguntas acerca de esta notificación. Le agradecemos su cooperación para ayudar a asegurar viviendas seguras y saludables.