


## **Appendix I**

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September 23, 2020

Ms. Samantha Chagnon  
Bear Paw Development Corporation  
48 2nd Avenue  
Havre, Montana 59501  
Grant #96855501

**Subject: Phase I Environmental Site Assessment  
Highland Manor Apartments, 1315 & 1325 Jefferson Ave, Havre, MT 59501**

Dear Ms. Chagnon:

Please find enclosed one electronic and one hard copy of the Phase I Environmental Site Assessment (ESA) report for the property referenced above.

The ESA was completed in accordance with ASTM Standard E 1527-13. To complete the ESA, NewFields reviewed historical documents, photographs, maps, government records; interviewed individuals familiar with the property; and reviewed regulatory database search reports, as available within the time constraints of the Phase I. A site visit and visual survey of the property were also performed.

No RECs or potential RECs were identified for the target property.

While not defined as RECs per the ASTM standard, asbestos containing building materials may be associated with the structures on the target property. Per disclosure from the building manager, methamphetamine residue may also be present on building materials of Unit 12 of the north building. It is our understanding the prospective buyer intends to renovate the apartment buildings. Prior to renovations, a survey for asbestos and lead-based paint is required per Montana law. Prior to renovation or occupancy by an additional tenant of Unit 12 of the north building, methamphetamine sampling should be considered for this unit.

We appreciate the opportunity to work on this project. Please contact us if you have any questions.

Sincerely,

A handwritten signature in black ink that reads 'Christin Hileman'.

Christin Hileman  
Project Manager

Enclosure

cc. Ms. Barbara Benoy, US Environmental Protection Agency (one electronic copy)  
Jeff and Brenda Schulund, property owners (one electronic copy)



# Phase I Environmental Site Assessment



Highland Manor Apartments  
1315 & 1325 Jefferson Avenue  
Havre, Montana

  
Bear Paw Development Corporation  
of Northern Montana

 **NewFields**  
September 2020



## PHASE I ENVIRONMENTAL SITE ASSESSMENT

Highland Manor Apartments  
1325 Jefferson Avenue  
Havre, Montana

***Prepared for:***

*Bear Paw Development Corporation  
48 2nd Avenue  
Havre, Montana 59501  
Grant #96855501*

***Prepared by:***

*NewFields Companies, LLC  
700 SW Higgins Ave, Suite 15  
Missoula, Montana 59801*



September 2020  
Project 350.0044.005



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## EXECUTIVE SUMMARY

This report presents the results of a Phase I Environmental Site Assessment (ESA) completed at 1315 Jefferson Avenue and 1325 Jefferson Avenue, Havre, Montana. The site, known as the Highland Manor Apartments, is referred to as the “target property” in this report. NewFields Companies, LLC (NewFields) completed this ESA for Bear Paw Development (Bear Paw) in accordance with the ASTM International (ASTM) E1527-13 Standard Practice (ASTM, 2013). The standard complies with the United States Environmental Protection Agency (EPA) All Appropriate Inquiries (AAI) Final Rule (40 Code of Federal Regulations 312).

To complete the Phase I ESA, NewFields reviewed photographs, maps, government records; obtained a questionnaire from the property owner; interviewed the property manager and obtained and reviewed regulatory database search reports. A site visit and visual survey of the property was also performed.

No RECs or potential RECs were identified for the target property.

While not defined as RECs per the ASTM standard, asbestos containing building materials may be associated with the structures on the target property. Per disclosure from the building manager, methamphetamine residue may also be present on building materials of Unit 12 of the north building. It is our understanding the prospective buyer intends to renovate the apartment buildings. Prior to renovations, a survey for asbestos and lead-based paint is required per Montana law. Prior to renovation or occupancy by an additional tenant of Unit 12 of the north building, methamphetamine sampling should be considered for this unit.



## 1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) completed at 1315 Jefferson Avenue and 1325 Jefferson Avenue, Havre, Montana (**Figures 1 and 2**). The site, which is also known as the Highland Manor Apartments, is referred to as the “target property” in this report. NewFields Companies, LLC (NewFields) completed this ESA for Bear Paw Development (Bear Paw) using a United States Environmental Protection Agency (EPA) Community-wide Brownfields Assessment Grant. This ESA was conducted in accordance with the ASTM International (ASTM) E1527-13 Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (ASTM, 2013). ASTM E1527-13 complies with EPA All Appropriate Inquiries (AAI) Final Rule (40 Code of Federal Regulations [CFR] 312).

### 1.1 PURPOSE

The purpose of this ESA is to compile and review available information about the target property and properties in the immediate vicinity to identify Recognized Environmental Conditions (RECs) to the extent feasible pursuant to ASTM E1527-13. According to the ASTM Standard, a REC is defined as:

*"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. De minimis conditions are not recognized environmental conditions."*

The term “REC” includes hazardous substances or petroleum products even under conditions in compliance with environmental laws. The term is not intended to include de minimis conditions that generally do not present a threat to public health or the environment, and that generally would not be the subject of an enforcement action if brought to the attention of appropriate regulatory agencies.<sup>1</sup>

In accordance with the ASTM Standard, readily available information has been researched in the preparation of this ESA to assist in determining whether any of the following are present at the Site: (1) recognized environmental condition (REC), (2) historical recognized environmental condition (HREC), (3) controlled recognized environmental condition (CREC), or (4) de minimis condition exists at or proximal to the target property.

A HREC is defined as 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 and without subjecting the property to any required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

<sup>1</sup> The AAI Final Rule applies to "...conditions indicative of releases and threatened releases of hazardous substances... (and) petroleum or petroleum products which are excluded from the definition of hazardous substance..." (40 CFR 312.1).



A CREC is defined as a past release of a hazardous substance or petroleum product that has been addressed to the satisfaction of the applicable regulatory authority (e.g., as evidenced by the issuance of a no further action letter or equivalent), or meets risk-based criteria established by regulatory authority to allow hazardous substances or petroleum products to remain in place subject to the implementation of required controls (e.g., property use restrictions, activity and use limitations, institutional controls, or engineering controls).

## **1.2 REASON FOR PERFORMING THE ESA**

Bear Paw, the property owner, and the prospective buyer requested this Phase I ESA to evaluate environmental encumbrances at the target property. This ESA has been prepared using the ASTM Standard and constitutes "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined at 42 United States Code (U.S.C.) §960 I (35)(B).

## **1.3 SCOPE OF SERVICES**

The scope of services for this ESA included the following tasks:

- A site visit and visual observation of property conditions, and of adjoining property use, for releases or threat of releases of hazardous substances or petroleum products;
- Review of federal and state environmental database information concerning petroleum and hazardous chemical storage and use, as available;
- Review of sources of historical site use information, including aerial photographs and Sanborn insurance maps, as available;
- Correspondence with the current property owner or interviews with individuals familiar with the target property; and,
- Preparation of this Phase I ESA report.

## **1.4 EXCLUSIONS**

The following were not included as part of the Phase I ESA:

- Collection and analysis of soil, air, water, or building material samples;
- Surveys for lead-based paint (LBP) or asbestos-containing materials (ACM) associated with on-site buildings;
- Reconnaissance of PCB-transformer ballasts potentially located within light fixtures;
- Mold surveys;
- Wetland delineations of the property;



- Threatened and endangered species surveys;
- Chain-of-title search;
- A search for environmental liens on the property; and,
- Cultural or historic surveys of the property.

## 1.5 ASSUMPTIONS, LIMITATIONS, AND EXCEPTIONS

NewFields prepared this Phase I ESA using reasonable efforts to identify RECs associated with hazardous substances or petroleum products at or near the target property consistent with guidance described in ASTM E1527-13. Within the limitations of the agreed-upon scope of work and the ASTM Standard, this assessment has been conducted in a professional manner in accordance with generally accepted practices, using the degree of skill and care ordinarily exercised by environmental consultants under similar circumstances. No other warranties, expressed or implied, are made.

Reasonable efforts have been made to assess the entire target property. “Reasonable efforts” are limited to information gained from visual observation of largely unobstructed areas, recorded database information held in the public record, and available information obtained during interviews. This report does not constitute legal advice, nor does NewFields make any determination or recommendations regarding the decision to purchase, sell, acquire, or provide financing for the target property.

In a document titled “City of Havre Public Water System, Source Water Delineation and Assessment Report,” completed by Shelly Nolan (former Havre Water Department Superintendent) and Russell Levens (former hydrogeologist with Montana Department of Environmental Quality) for the City of Havre Water Department, the regional flow of groundwater in the Havre vicinity is reported to be to the north-northeast (**Figure 2**). When discussing environmental risks associated with offsite releases, NewFields assumes a groundwater flow direction of north-northeast.

### ***Time Constraint***

The opinion and conclusions presented in this report are based on the site conditions observed and information reviewed at the time of this assessment (September 15, 2020). Information pertaining to site conditions or changes may exist of which we are unaware, or which we have not had the opportunity to evaluate within the time available for this ESA.



***Uncertainty Not Eliminated***

Per the ASTM Standard, no ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. The use of the ASTM Standard is intended to reduce, but not eliminate, this uncertainty. Due to physical limitations inherent to this or any environmental assessment, NewFields does not warrant the target property is free of pollutants or that all pollutants have been identified. This report is not definitive and should not be assumed to be a complete or specific definition of all conditions above or below grade. Some features may have been hidden from plain view during site reconnaissance due to pavement, construction or debris pile storage, or other obstructions. Subsurface conditions may differ from the conditions implied by the surface observations and can only be evaluated reliably through intrusive techniques. As such, no absolute determination of environmental risks is made. NewFields makes no representation or warranty that the past or current operations at the target property are, or have been, in compliance with applicable federal, state, and local laws, regulations, and/or codes.

***Reliance on Information Provided by Others***

NewFields has relied upon reasonably ascertainable information provided by others or otherwise publicly available in the evaluation of environmental site conditions reported herein. NewFields did not attempt to provide independent verification of the accuracy or completeness of that information. To the extent that the opinion and conclusions in this report are based in whole or in part on such information, those conclusions are contingent upon its accuracy and validity, and NewFields will not be responsible for the accuracy or completeness of such information and shall not be liable for any inaccuracies or omissions therein. NewFields also assumes no responsibility for and will not be liable for any consequence arising from any other information or condition that was concealed, withheld, misrepresented, or otherwise not fully disclosed or available to NewFields.

The regulatory database report provided herein is based on an evaluation of data collected and compiled by a subcontracted data research company in accordance with ASTM E1527-13. The focus of the government database review is on the target property and neighboring properties within specified search distances that may impact the target property. The information provided in the regulatory database report is assumed to be correct and complete unless obviously contradicted by field observations or other reviewed sources.

This report does not warrant against future operations or conditions, nor does it warrant against operations or conditions present of a type or at a location not investigated.

**1.6 SPECIAL TERMS AND CONDITIONS (USER RELIANCE)**

This ESA report has been prepared by NewFields for Bear Paw. The landowners (Highland Manor Limited Partnership and Highland Manor II Limited Partnership) may rely on the findings of the Phase I, but shall have no legal recourse against NewFields, its parent, or its subsidiaries as NewFields is not contracted to the landowners. Similarly, the prospective buyer (Echo Enterprises, LLC) may also rely on the findings of the Phase I, but they shall have no legal recourse against NewFields, its parent, or its subsidiaries as NewFields is not contracted to the prospective buyer. Bear Paw's rights are bound by the provisions of the Client Services Agreement between NewFields and Bear Paw.



In using this report, Bear Paw, Highland Manor Limited Partnership, Highland Manor II Limited Partnership, and Echo Enterprises, LLC may release this report to other parties; however, such third party in using this report agrees that it shall have no legal recourse against NewFields, its parent, or its subsidiaries. Moreover, neither NewFields nor any of its affiliates, nor any of their respective past, present or future members, managers, employees, agents, representatives, advisors, subcontractors or controlling persons (collectively the "NewFields Parties") shall have any liability to any person or entity asserting claims on behalf of or in the right of Bear Paw, Highland Manor Limited Partnership, Highland Manor II Limited Partnership, or Echo Enterprises, LLC related to or arising out of this report or any actions taken or omitted to be taken by any of the NewFields Parties in connection therewith. This report may not be submitted, distributed or filed, in whole or in part by Bear Paw, Highland Manor Limited Partnership, Highland Manor II Limited Partnership, or Echo Enterprises, LLC to or with any party, governmental agency or regulatory body or authority, or summarized or quoted from, in each instance, without the prior written approval of NewFields. It shall be noted that a Phase I ESA has an industry shelf life of 180 days per the ASTM Standard. Any party relying on any finding in this report 180 days from published date does so at its own risk.



## 2.0 SITE DESCRIPTION

The characteristics and uses of the target property and vicinity are described in the following sections.

### 2.1 LOCATION AND LEGAL DESCRIPTION

The target property is comprised of two parcels located at 1315 Jefferson Avenue and 1325 Jefferson Avenue, Havre, Montana (**Figures 1 and 2**). The latitude and longitude of the target property is 48.5390460° North and 109.6951700° West, respectively. The target property is located at 2,601 feet above mean sea level.

According to Montana's Cadastral Mapping Program (MCMP, 2018; **Appendix A**), the target property is comprised of two parcels of land. The legal property description and Geocode of the target property are as follows:

- Legal Description (Parcel 1): CLACK ACRES NO 1, S18, T32 N, R16E, AMENDED PLAT OF LOT B, TRACT 1 LOT B-1; Geocode: 12-4441-18-1-12-03-003A
- Legal Description (Parcel 2): HIGHLAND MANOR ADD, S18, T32 N, R16 E, Lot 0B2, 478069 AMEND PLAT OF LOT B AMEND PLAT OF CLACKS ACRES TRACT 1 LOT B2; Geocode: 12-4441-18-1-12-03-003B

### 2.2 SITE AND VICINITY GENERAL CHARACTERISTICS

#### 2.2.1 General Site Setting

The target property is located in a commercial/residential area of Havre, Montana (**Figure 1**) and is located at the corner of 13<sup>th</sup> Street and Jefferson Avenue. The parcels are each approximately 37,500 square feet for a total of 75,000 square feet (1.72 acres), and the target property is relatively flat. As shown on **Figure 2**, there are three buildings on the property. Buildings 1 and 2 are two-story, 16-unit apartment complexes. Building 3 is a stand-alone utility building. The site is surrounded by 13<sup>th</sup> Street, Jefferson Avenue, an alleyway, and another apartment complex. The majority of the surrounding buildings are residential structures, with the exception of several churches.

#### 2.2.2 Soils, Geology, and Hydrology

Regional geology in the Milk River watershed varies by location. Glacial till and igneous bedrock underly much of the eastern portion of the Milk River watershed while fluvial deposits are found in stream valleys (Nolan, 2000). The cores of the Sweet Grass Hills and Bear Paw Mountains to the south are igneous rock that rose in molten form through layers of sedimentary rocks and were exposed when the overlying sedimentary layers were stripped away by erosion. Sedimentary formations dip gently east from the flanks of the Sweet Grass Hills and underlie the eastern portion of the watershed.

Local geology near Havre is characterized by glacial deposits including clay, silt, and sand overlying sand and gravel deposited in a buried valley eroded into the underlying bedrock. This buried valley is believed to be the pre-glacial channel of the Missouri River (Alden, 1932). The buried channel follows Big Sandy



Creek north from the current Missouri River channel then follows the Milk River downstream from the mouth of Big Sandy Creek. More recently, the Milk River and Bullhook Creek, a tributary to the Milk River in Havre, have eroded alluvial channels into the glacial deposits.

The Montana Bureau of Mines and Geology (MBMG) Ground-Water Information Center (GWIC) database contains records for 6 wells in Section 18 of Township 32 North, Range 16 East (MBMG 2020; **Appendix B**). Well depths range from 99-254 feet below ground surface (ft bgs) with an average depth of 179 ft bgs. Static water levels (SWL) in the vicinity of the target property range from 43-130 ft bgs with an average SWL of 92.4 ft bgs. Well yields in the area range from 0-45 gallons per minute (gpm) with an average of 18.2 gpm.

Soil at the property is mapped by the U.S. Department of Agriculture (USDA, 2020) as Joplin-Hillon loam. Joplin-Hillon loam is a well-drained soil with a typical profile of loam from 0-6 inches bgs, clay loam from 6-41 inches bgs and loam from 41-60 inches bgs.

### **2.3 CURRENT USE OF THE TARGET PROPERTY**

The target property (**Figure 2**) is currently two 16-unit apartment complex buildings with a stand-alone utility building.



## 3.0 INFORMATION PROVIDED BY USER

### 3.1 PROPERTY OWNERSHIP RECORDS

The target property is currently owned by Highland Manor Limited Partnership and Highland Manor II Limited Partnership (**Appendix A**). The Cadastral records indicate Parcel 1 is owned by Highland Manor A Partnership. However, in 2001 a Quit Claim deed was filed, transferring Parcel 1 from H. Melvin Shulund and Highland Manor A Montana Partnership to Highland Manor Limited Partnership (**Appendix A**).

### 3.2 SPECIALIZED KNOWLEDGE

Property Manager LuAnn Brabson indicated that she believes one resident, residing in Unit 12 of the North Building, to be a methamphetamine user.

### 3.3 COMMONLY KNOWN OR REASONABLY ASCERTAINABLE INFORMATION

All reviewed information for the target property is discussed in Section 4.0. The interview with LuAnn Brabson, property manager for the target property (Section 6.0) did not provide any other commonly known information beyond the sources referenced within this document.

### 3.4 VALUE REDUCTION FOR ENVIRONMENTAL ISSUES

A selling price-to-value comparison was not performed as part of this assessment. Cadastral records for the parcels (**Appendix A**) indicate an appraised value of approximately \$654,500 (Parcel 1) based on the value of the land and building and approximately \$685,800 (Parcel 2) based on the value of the land and building.

### 3.5 OTHER

No additional information was provided to NewFields.



## 4.0 RECORDS REVIEW

The records reviewed for this ESA included those found in environmental databases and historical information. Information from the review of these documents is described in the following sections.

### 4.1 STANDARD ENVIRONMENTAL RECORD SOURCES

NewFields retained EDR to search federal, state, and tribal environmental regulatory databases for properties with documented environmental releases and/or those that use, store, or dispose of regulated chemicals. The distances of the database searches were consistent with those listed in the ASTM Standard (ASTM, 2013). Descriptions of the ASTM databases that were searched and a list of the regulatory database results are presented in the EDR Radius Map Report dated August 31, 2020 (**Appendix C**). The information provided by EDR is limited to what has been reported or registered in each database. The information was used to evaluate the existing conditions and to determine whether surrounding properties could potentially affect soil or groundwater conditions at the target property. The EDR report contains 4 listed findings.

#### 4.1.1 On-Site

EDR searched dozens of regulatory databases, including Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), Underground Storage Tank (UST), Leaking Underground Storage Tank (LUST), Indian UST, Indian LUST, U.S. Brownfields, and Resource Conservation and Recovery Act (RCRA) hazardous waste databases. The EDR report (**Appendix C**) did not identify any USTs or other environmental concerns at the target property.

#### 4.1.2 Off-Site

The EDR report identified 4 sites in proximity to the target property. Of these, the following sites (**Figure 2**) are discussed due to their proximity to the target property (within 500 feet):

- **Northern Montana College** – This site is a college campus, to the northeast of the target property. According to the EDR report, this property formerly operated three underground storage tanks (USTs) that are now closed (**Appendix C**). There are no recorded releases from the USTs. Based on an estimated groundwater flow direction to the northeast, this facility is downgradient. Based on this information, the Northern Montana College is not considered a REC for the target property.

### 4.2 HISTORICAL INFORMATION

Historical information for the target property and surrounding properties was obtained from several sources including but not limited to maps, electronic and verbal communication with relevant individuals, queries of numerous government-maintained databases, historical aerial photographs, and Sanborn fire insurance maps. These historical sources are discussed in detail below.



#### 4.2.1 Historical Aerial Photographs

Historical aerial photographs were obtained through EDR (**Appendix D**). The historical photos date from 1956 to 2017. The photographs taken in 1956, 1976, 1986, and 1991 are of too low resolution to gain insight regarding operations on the target property. The photographs from 1997 through 2017 show the target property unchanged from how it appeared at the site visit, with two 16-unit apartment buildings and a utility building. Residential properties appear to the north, south, east and west. The University of Montana-Northern campus is visible to the northeast. Two churches are visible to the west. No changes to the target property or surrounding properties are visible in the photos from 1997 – 2017. No RECs were identified from the aerial photos.

#### 4.2.2 Sanborn Fire Insurance Maps

Sanborn Fire Insurance (Sanborn) Maps were produced to assist fire insurance companies with risk-related property issues, including the identification of building construction materials and flammable substances in urbanized areas. Sources of ignition, such as fuel storage tanks, are depicted on the maps, in addition to the types of structures and available fire-fighting equipment. After a search of the complete holdings of the Sanborn Library, LLC collection, no fire insurance maps covering the target property were found, therefore none have been reviewed for this report. (**Appendix E**).



## 5.0 SITE VISIT

### 5.1 METHODOLOGY AND LIMITING CONDITIONS

Ms. Christin Hileman and Ms. Lindsay Lorang visited the target property on September 9, 2020. Visual reconnaissance was performed by walking over the entire property and taking photographs. The site was fully accessible during the walk over. Photographs documenting property conditions observed during the field visit are included as **Appendix F**, and field notes are provided in **Appendix G**.

### 5.2 ON-SITE OBSERVATIONS

The target property is generally flat with a slight slope to the north and west. There are three buildings on the site. Buildings 1 and 2 are each a 16-unit, two-story apartment complex. The third is a one-story utility building (i.e. shed).

The target property is covered with cement, asphalt, and grass. There was no visible indication of petroleum underground storage tanks or above ground storage tanks on the property during the walkover. No on-site waste disposal was noted. No standing water was noted; however, the building manager indicated there have been prior issues with groundwater causing damage to the parking lot and some apartment units, leading to the installation of an internal sump pump in unit #5 in the north building. Additional pumping equipment was also observed on the east side of the south building.

There are two transformers on the property, however no leaks were apparent. There are numerous fluorescent lights throughout the hallways of the apartment buildings.

Potable water supply on the site is provided by the City of Havre. The apartment building is plumbed to the City sewer system. Four drains were observed on the exterior of the north building. Additional drains were located in the laundry rooms and storage closets. The property manager indicated bleach and cleaning supplies are disposed of through the drains in the storage closets, and a strong odor of bleach was observed. While not defined as a REC per the ASTM standard, the disposal of large quantities of bleach and cleaning chemicals in the utility closet drain should be avoided to reduce the risk of corrosion of the drain and vapors within the building.

No wells, septic systems, pipelines, or sources of air emissions were observed during the site visit. The heating system consisted of electric baseboard heat. Several tenants have installed window air conditioners; there is no central air conditioning. Flooring is either carpet, vinyl sheet flooring, or linoleum.

Visual observations of the individual apartment units identified several building materials that may be asbestos containing materials, including several types of ceiling and wall texture, vinyl sheet flooring and linoleum. Different building materials were present in the various units at different times, leading, for example, to multiple types of linoleum in the kitchens and bathrooms of the different apartment units.

The property manager indicated she believes one resident, in unit #12 of the north building, to be a methamphetamine user. Although not a REC per the ASTM standard, building materials associated with this unit should be sampled for methamphetamine.



No RECs were identified from the site visit.

### **5.3 SURROUNDING PROPERTIES**

The target property is bordered by an apartment complex to the east; the University of Montana-Northern campus to the northeast; two churches to the rest; and residences to the north, east, south and west (**Figure 2**). As discussed above, no RECs were identified in the surrounding properties.



## 6.0 INTERVIEWS AND QUESTIONNAIRE

General manager Brenda Shulund completed the questionnaire contained in **Appendix H**. The following information was obtained during the completion of the questionnaire.

- The property has always been operated as an apartment complex.
- To her knowledge, the only potentially problematic materials stored at the target property are paint and pesticides.



## 7.0 EXCEPTIONS, DELETIONS & DATA GAPS

NewFields has performed this Phase I ESA in general conformance with the scope and limitations of the ASTM Standard (ASTM, 2013) for the Third Avenue Apartments. Exceptions to, or deletions from, this practice (data gaps) include the following:

- Environmental Lien Search. An environmental site assessment may include a search of reasonably ascertainable land title and lien records to identify environmental liens or activity and use limitation, if any, that are recorded against the property. A search for environmental liens was not performed.

This data gap is not considered to be significant and is not thought to have a material impact on the findings and conclusions of this Phase I ESA.



## 8.0 FINDINGS

To complete the Phase I ESA, NewFields reviewed photographs, maps, government records; obtained a questionnaire from the general manager; interviewed the property manager; and obtained and reviewed regulatory database search reports. A site visit and visual survey of the property was also performed.

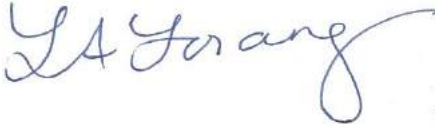
No RECs or potential RECs were identified for the target property.

While not defined as RECs per the ASTM standard, asbestos containing building materials may be associated with the structures on the target property. Per disclosure from the building manager, methamphetamine residue may also be present on building materials of Unit 12 of the north building. It is our understanding the prospective buyer intends to renovate the apartment buildings. Prior to renovations, a survey for asbestos and lead-based paint is required per Montana law. Prior to renovation or occupancy by an additional tenant of Unit 12 of the north building, methamphetamine sampling should be considered for this unit.




## 9.0 ENVIRONMENTAL PROFESSIONAL STATEMENT & SIGNATURE

I declare that, to the best of our professional knowledge and belief, I meet the definition of Environmental Professional as defined in section 312.10 of 40 Code of Federal Regulations (CFR) 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 all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



---

Lindsay Lorang  
Environmental Scientist



---

Chris Cerquone  
Principal Scientist



## 10.0 REFERENCES

- Alden, W.C., 1932.** Physiography and Glacial Geology of Eastern Montana and Adjacent Areas, U.S. Geological Survey Professional Paper 174, 133 p.
- ASTM International (ASTM), 2013.** Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. Standard No. E1527-13. West Conshohocken, PA.
- Environmental Data Resources, Inc. (EDR), 2020.** The EDR Radius Map™ Report with GeoCheck®. Highland Manor Apartments, Havre, MT. Inquiry number: 6173969.2s. August 31, 2020.
- Google Earth, 2018.** Accessed August and September 2020.
- Montana Bureau of Mines and Geology (MBMG), 2020.** Ground Water Information Center (GWIC). Accessed August 2020 at <http://mbmggwic.Montanaech.edu/MBMG>.
- Montana Cadastral Mapping Program (MCMP), 2018.** Accessed September 2020 at <http://svc.mt.gov/msl/mtcadastral/>.
- Nolan, 2000. City of Havre Public Water System, Source Water Delineation & Assessment Report (HAVRE). September 13, 2000.** Prepared by Shelly Nolan (former Havre Water Department Superintendent) and Russell Levens (Hydrogeologist with Montana Department of Environmental Quality) for the City of Havre Water Department.
- U.S. Department of Agriculture (USDA), 2020.** Web Soil Survey. Accessed August 2020 at <http://websoilsurvey.nrcs.usda.gov/app/>.

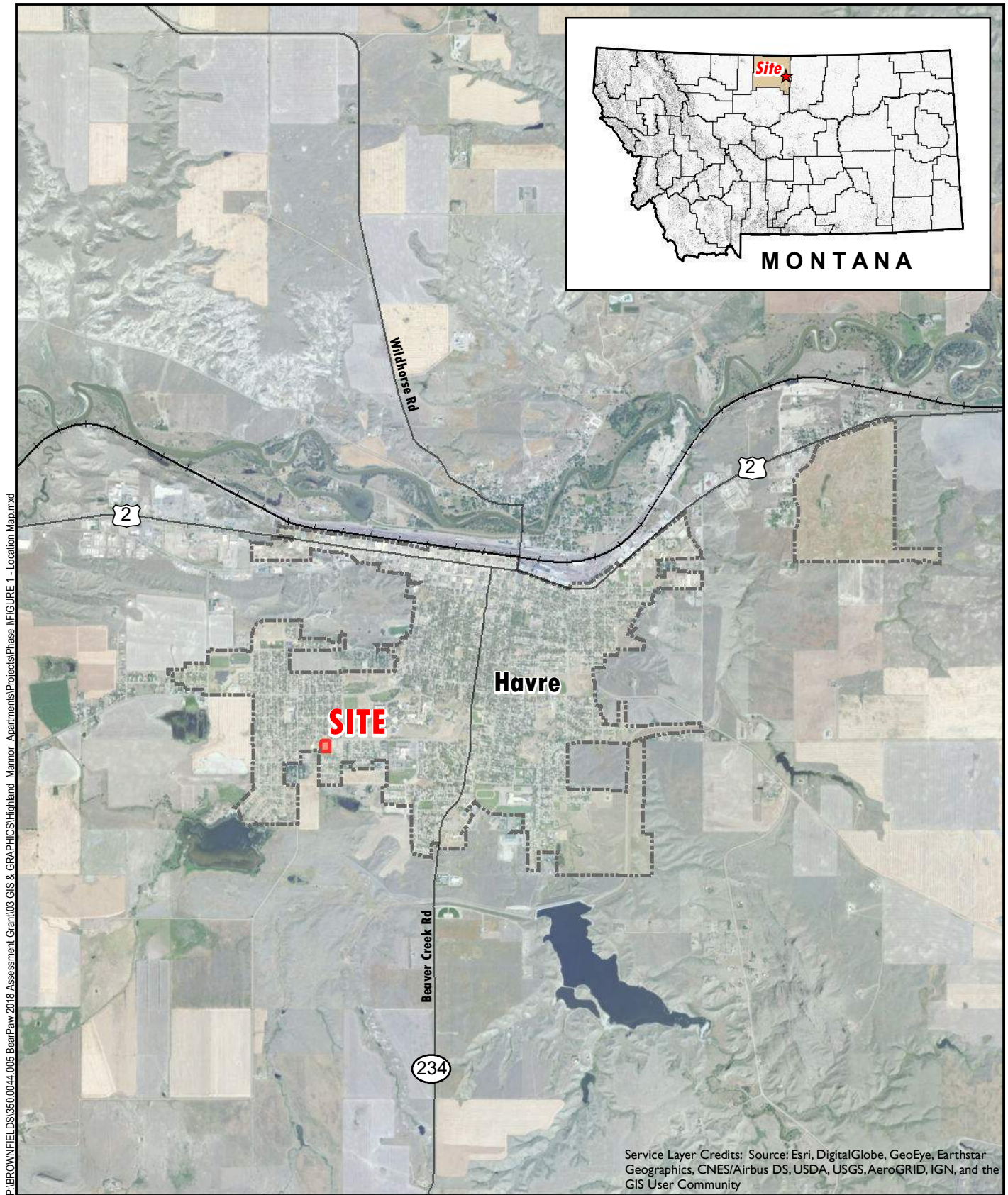




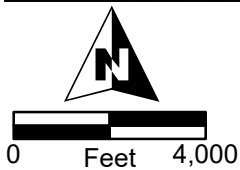
  
**Bear Paw Development Corporation**  
of Northern Montana

# FIGURES





P:\BROWN\FIELDS\350.0044.006 BearPaw 2018 Assessment\Grant\03 GIS & GRAPHICS\Highland Manor Apartments\Projects\Phase I\FIGURE 1 - Location Map.mxd



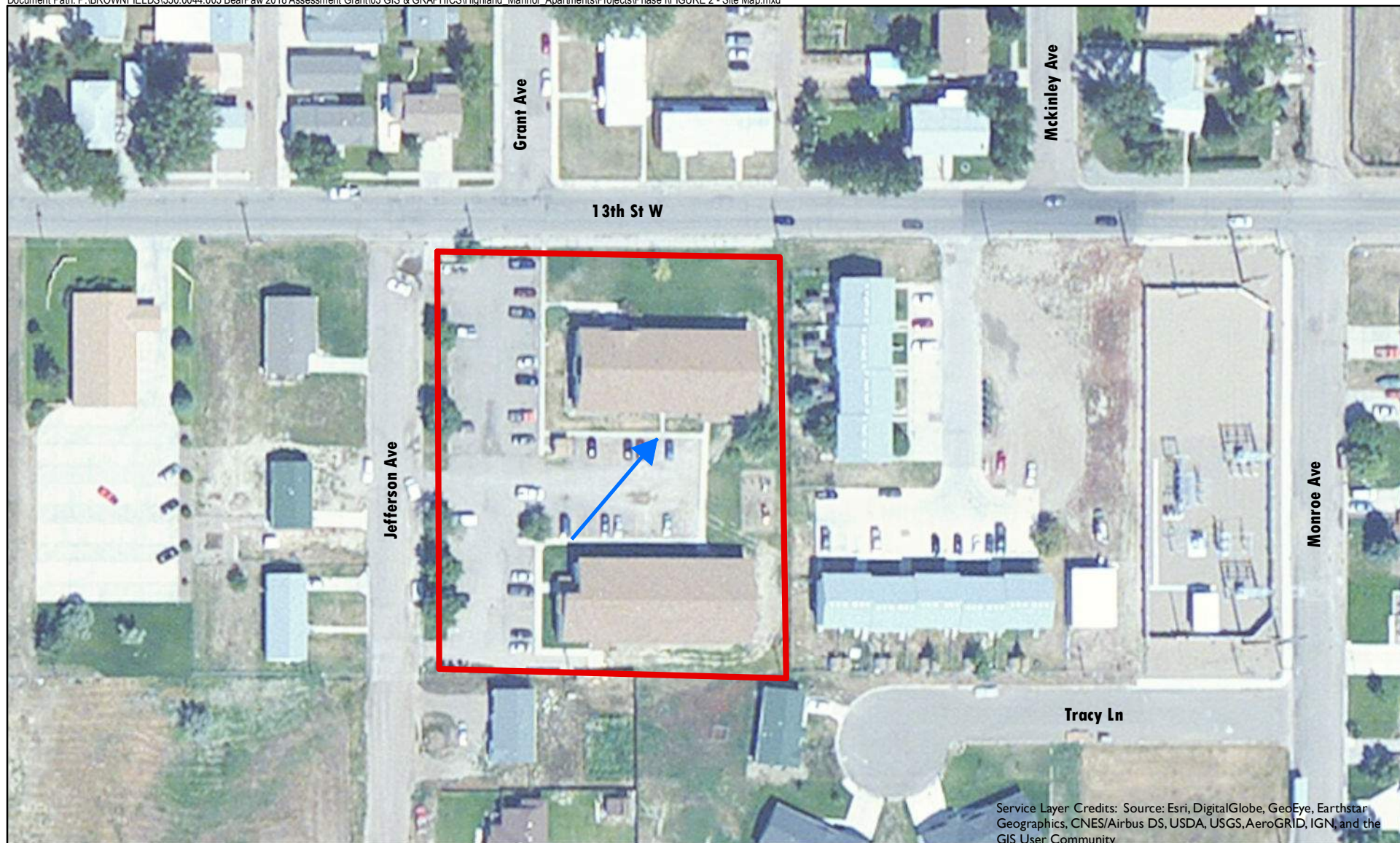
**NewFields**

- Roads
- + Railroad
- - - City Limits - Havre
- Site Location

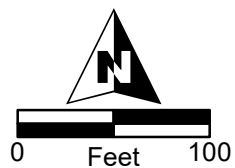
Location Map  
Highland Manor Apartments Phase I  
1325 Jefferson Ave  
Havre, MT  
FIGURE 1





Document Path: P:\BROWNFIELDS\350.0044.005 BearPaw 2018 Assessment Grant\03 GIS & GRAPHICS\Highland Manor Apartments\Projects\Phase I\FIGURE 2 - Site Map.mxd



Service Layer Credits: Source: Esri, DigitalGlobe, GeoEye, Earthstar  
Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the  
GIS User Community



-  Groundwater Flow (Approximate)
-  Site Boundary





Cadastral Property Record Card



# Property Record Card

## Summary

### Primary Information

**Property Category:** [RP](#)  
**Geocode:** [12-4441-18-1-12-03-003A](#)  
**Primary Owner:**  
[HIGHLAND MANOR A PARTNERSHIP](#)  
[PO BOX 452](#)  
[HAVRE, MT 59501-0452](#)  
**NOTE:** See the Owner tab for all owner information

**Subcategory:** [Commercial Property](#)  
**Assessment Code:** [0000006311](#)  
**PropertyAddress:** [1325 JEFFERSON AVE](#)  
[HAVRE, MT 59501](#)  
**COS Parcel:**

### Certificate of Survey:

**Subdivision:** [CLACK'S ACRES TRACT NO 1](#)

### Legal Description:

[CLACK ACRES NO 1, S18, T32 N, R16 E, AMENDED PLAT OF LOT B, TRACT 1 LOT B-1](#)

**Last Modified:** [7/25/2020 7:09:24 AM](#)

### General Property Information

**Neighborhood:** [212.005](#)  
**Living Units:** [0](#)  
**Zoning:**  
**Linked Property:**

**Property Type:** [APT\\_U - Apartment Urban](#)  
**Levy District:** [12-0427-A16C](#)  
**Ownership %:** [100](#)

Linked Property	Link Type	
<a href="#">12-0000006311-001</a>	Real Property/Personal Property Link	<a href="#">View</a>

### Exemptions:

[No exemptions exist for this property](#)

### Condo Ownership:

**General:** [0](#)  
**Limited:** [0](#)

### Property Factors

**Topography:**  
**Utilities:**  
**Access:**  
**Location:**

**Fronting:**  
**Parking Type:**  
**Parking Quantity:**  
**Parking Proximity:**

### Land Summary

<u>Land Type</u>	<u>Acres</u>	<u>Value</u>
Grazing	0.000	00.00
Fallow	0.000	00.00
Irrigated	0.000	00.00
Continuous Crop	0.000	00.00
Wild Hay	0.000	00.00
Farmsite	0.000	00.00
ROW	0.000	00.00
NonQual Land	0.000	00.00
Total Ag Land	0.000	00.00
Total Forest Land	0.000	00.00
Total Market Land	0.861	81,625.00

### Deed Information:

Deed Date	Book	Page	Recorded Date	Document Number	Document Type
5/17/2001	138D	999			



**Owners**

Party #1

**Default Information:** [HIGHLAND MANOR A PARTNERSHIP](#)  
[PO BOX 452](#)**Ownership %:** [100](#)**Primary Owner:** ["Yes"](#)**Interest Type:** [Conversion](#)**Last Modified:** [2/10/2020 2:39:41 PM](#)

Other Names

Other Addresses

**Name****Type**

SHULUND MEL

C - Contact Name

No other address

**Appraisals****Appraisal History**

Tax Year	Land Value	Building Value	Total Value	Method
2020	81625	572875	654500	INCOME
2019	81625	572875	654500	INCOME
2018	59200	545600	604800	INCOME

**Market Land**

Market Land Item #1

**Method:** [Sqft](#)**Type:** [Primary Site](#)**Width:** [250](#)**Depth:** [150](#)**Square Feet:** [37,500](#)**Acres:**

Valuation

**Class Code:** [2227](#)**Value:** [81625](#)**Dwellings****Existing Dwellings**[No dwellings exist for this parcel](#)**Other Buildings/Improvements**

Outbuilding/Yard Improvement #1

**Type:** [Commercial](#)**Description:** [CPA2 - Paving, concrete, 4"](#)**Quantity:** [1](#)**Year Built:** [1987](#)**Grade:****Condition:****Functional:** [3-Normal](#)**Class Code:** [3527](#)

Dimensions

**Width/Diameter:****Length:****Size/Area:** [80](#)**Height:****Bushels:****Circumference:**

Outbuilding/Yard Improvement #2

**Type:** [Commercial](#)**Description:** [CRS1 - Utility Building, frame](#)**Quantity:** [1](#)**Year Built:** [1987](#)**Grade:****Condition:****Functional:** [3-Normal](#)**Class Code:** [3527](#)

Dimensions

**Width/Diameter:****Length:****Size/Area:** [100](#)



**Height:** **Bushels:** **Circumference:**

Outbuilding/Yard Improvement #3

**Type:** [Commercial](#) **Description:** [CPA1 - Paving, asphalt](#)  
**Quantity:** [1](#) **Year Built:** [1987](#) **Grade:**  
**Condition:** **Functional:** [3-Normal](#) **Class Code:** [3527](#)

Dimensions

**Width/Diameter:** **Length:** **Size/Area:** [8832](#)  
**Height:** **Bushels:** **Circumference:**

## Commercial

### Existing Commercial Buildings

Building Number	Building Name	Structure Type	Units/Bldg	YearBuilt	
<a href="#">1</a>		<a href="#">211 - Apartments, Garden (3 stories &amp; less)</a>	<a href="#">16</a>	<a href="#">1986</a>	<a href="#">View</a>

General Building Information

**Building Number:** [1](#) **Building Name:** **Structure Type:** [211 - Apartments, Garden \(3 stories & less\)](#)  
**Units/Building:** [16](#) **Identical Units:** [1](#)  
**Grade:** [A](#) **Year Built:** [1986](#) **Year Remodeled:** [0](#)  
**Class Code:** [3527](#) **Effective Year:** [0](#) **Percent Complete:** [0](#)

Interior/Exterior Data Section #1

**Level From:** [01](#) **Level To:** [01](#) **Use Type:** [011 - Apartment](#)

Dimensions

**Area:** [6,858](#) **Use SK Area:** [0](#)  
**Perimeter:** [382](#) **Wall Height:** [8](#)

Features

**Exterior Wall Desc:** [02 - Frame](#) **Construction:** [1-Wood Frame/Joist/Beam](#) **Economic Life:** [50](#)  
**% Interior Finished:** [100](#) **Partitions:** [2-Normal](#) **Heat Type:** [4-Electric](#)  
**AC Type:** [0-None](#) **Plumbing:** [2-Normal](#)  
**Physical Condition:** [3-Normal](#) **Functional Utility:** [3-Normal](#)

Building Other Features

Description	Qty	Width	Length	Height	Area	Calculated Value	Unadjusted Value
<a href="#">PP1 - Porch, open</a>	<a href="#">1</a>	<a href="#">00</a>	<a href="#">00</a>	<a href="#">0</a>	<a href="#">154</a>	<a href="#">3393.698</a>	<a href="#">3394</a>
<a href="#">PP1 - Porch, open</a>	<a href="#">1</a>	<a href="#">00</a>	<a href="#">00</a>	<a href="#">0</a>	<a href="#">138</a>	<a href="#">3041.106</a>	<a href="#">3041</a>

Interior/Exterior Data Section #2

**Level From:** [B1](#) **Level To:** [B1](#) **Use Type:** [011 - Apartment](#)

Dimensions

**Area:** [6,810](#) **Use SK Area:** [0](#)  
**Perimeter:** [374](#) **Wall Height:** [8](#)

Features

**Exterior Wall Desc:** [00 - None](#) **Construction:** [1-Wood Frame/Joist/Beam](#) **Economic Life:** [50](#)  
**% Interior Finished:** [100](#) **Partitions:** [2-Normal](#) **Heat Type:** [4-Electric](#)  
**AC Type:** [0-None](#) **Plumbing:** [2-Normal](#)  
**Physical Condition:** [3-Normal](#) **Functional Utility:** [3-Normal](#)

Building Other Features

[No other features exist for this interior/exterior detail](#)

Elevators and Escalators

[No elevators or escalators exist for this building](#)

## Ag/Forest Land



Ag/Forest Land

No ag/forest land exists for this parcel



# Property Record Card

## Summary

### Primary Information

**Property Category:** [RP](#)  
**Geocode:** [12-4441-18-1-12-03-003B](#)  
**Primary Owner:**  
[HIGHLAND MANOR II LTD PARTNERSHIP](#)  
[PO BOX 452](#)  
[HAVRE, MT 59501-0452](#)  
**Subcategory:** [Commercial Property](#)  
**Assessment Code:** [0000007516](#)  
**PropertyAddress:** [1325 JEFFERSON AVE](#)  
[HAVRE, MT 59501](#)  
**COS Parcel:**  
*NOTE: See the Owner tab for all owner information*

### Certificate of Survey:

**Subdivision:** [HIGHLAND MANOR ADD](#)

### Legal Description:

[HIGHLAND MANOR ADD, S18, T32 N, R16 E, Lot 0B2, 478069 AMEND PLAT OF LOT B AMEND PLAT OF CLACKS ACRES TRACT 1 LOT B2](#)

**Last Modified:** [7/25/2020 7:09:24 AM](#)

### General Property Information

**Neighborhood:** [212.005](#)  
**Living Units:** [0](#)  
**Zoning:**  
**Linked Property:**  
**Property Type:** [APT\\_U - Apartment Urban](#)  
**Levy District:** [12-0427-A16C](#)  
**Ownership %:** [100](#)

Linked Property	Link Type	
<a href="#">12-0000007516-001</a>	<a href="#">Real Property/Personal Property Link</a>	<a href="#">View</a>

### Exemptions:

[No exemptions exist for this property](#)

### Condo Ownership:

**General:** [0](#) **Limited:** [0](#)

### Property Factors

**Topography:**  
**Utilities:**  
**Access:**  
**Location:**  
**Fronting:**  
**Parking Type:**  
**Parking Quantity:**  
**Parking Proximity:**

### Land Summary

Land Type	Acres	Value
Grazing	<a href="#">0.000</a>	<a href="#">00.00</a>
Fallow	<a href="#">0.000</a>	<a href="#">00.00</a>
Irrigated	<a href="#">0.000</a>	<a href="#">00.00</a>
Continuous Crop	<a href="#">0.000</a>	<a href="#">00.00</a>
Wild Hay	<a href="#">0.000</a>	<a href="#">00.00</a>
Farmsite	<a href="#">0.000</a>	<a href="#">00.00</a>
ROW	<a href="#">0.000</a>	<a href="#">00.00</a>
NonQual Land	<a href="#">0.000</a>	<a href="#">00.00</a>
Total Ag Land	<a href="#">0.000</a>	<a href="#">00.00</a>
Total Forest Land	<a href="#">0.000</a>	<a href="#">00.00</a>
Total Market Land	<a href="#">0.861</a>	<a href="#">81,625.00</a>

### Deed Information:

Deed Date	Book	Page	Recorded Date	Document Number	Document Type
-----------	------	------	---------------	-----------------	---------------



5/24/1993	132D	234			
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## Owners

Party #1

**Default Information:** [HIGHLAND MANOR II LTD PARTNERSHIP](#)  
[PO BOX 452](#)

**Ownership %:** [100](#)

**Primary Owner:** ["Yes"](#)

**Interest Type:** [Conversion](#)

**Last Modified:** [2/10/2020 2:40:34 PM](#)

Other Names

Other Addresses

Name	Type	
SHULUND MEL	C - Contact Name	No other address

## Appraisals

### Appraisal History

Tax Year	Land Value	Building Value	Total Value	Method
2020	81625	604175	685800	INCOME
2019	81625	604175	685800	INCOME
2018	59200	564900	624100	INCOME

## Market Land

Market Land Item #1

**Method:** [Sqft](#)

**Type:** [Primary Site](#)

**Width:** [250](#)

**Depth:** [150](#)

**Square Feet:** [37,500](#)

**Acres:**

Valuation

**Class Code:** [2227](#)

**Value:** [81625](#)

## Dwellings

### Existing Dwellings

[No dwellings exist for this parcel](#)

## Other Buildings/Improvements

Outbuilding/Yard Improvement #1

**Type:** [Commercial](#)

**Description:** [CPA1 - Paving, asphalt](#)

**Quantity:** [1](#)

**Year Built:** [1993](#)

**Grade:**

**Condition:**

**Functional:** [3-Normal](#)

**Class Code:** [3527](#)

Dimensions

**Width/Diameter:**

**Length:**

**Size/Area:** [8800](#)

**Height:**

**Bushels:**

**Circumference:**

Outbuilding/Yard Improvement #2

**Type:** [Commercial](#)

**Description:** [CPA2 - Paving, concrete, 4"](#)

**Quantity:** [1](#)

**Year Built:** [1993](#)

**Grade:**

**Condition:**

**Functional:** [3-Normal](#)

**Class Code:** [3527](#)



## Dimensions

Width/Diameter:

Length:

Size/Area: 80

Height:

Bushels:

Circumference:

## Commercial

## Existing Commercial Buildings

Building Number	Building Name	Structure Type	Units/Bldg	YearBuilt	
1		211 - Apartments, Garden (3 stories & less)	16	1993	<a href="#">View</a>

## General Building Information

**Building Number:** 1 **Building Name:** **Structure Type:** 211 - Apartments, Garden (3 stories & less)

**Units/Building:** 16 **Identical Units:** 1

**Grade:** A **Year Built:** 1993 **Year Remodeled:** 0

**Class Code:** 3527 **Effective Year:** 0 **Percent Complete:** 0

## Interior/Exterior Data Section #1

**Level From:** 01 **Level To:** 01 **Use Type:** 011 - Apartment

## Dimensions

Area: 7,333

Use SK Area: 0

Perimeter: 396

Wall Height: 8

## Features

**Exterior Wall Desc:** 02 - Frame **Construction:** 1-Wood Frame/Joist/Beam **Economic Life:** 50  
**% Interior Finished:** 100 **Partitions:** 2-Normal **Heat Type:** 4-Electric  
**AC Type:** 0-None **Plumbing:** 2-Normal  
**Physical Condition:** 3-Normal **Functional Utility:** 3-Normal

## Building Other Features

No other features exist for this interior/exterior detail

## Interior/Exterior Data Section #2

**Level From:** B1 **Level To:** B1 **Use Type:** 011 - Apartment

## Dimensions

Area: 7,283

Use SK Area: 0

Perimeter: 390

Wall Height: 8

## Features

**Exterior Wall Desc:** 00 - None **Construction:** 1-Wood Frame/Joist/Beam **Economic Life:** 50  
**% Interior Finished:** 100 **Partitions:** 2-Normal **Heat Type:** 4-Electric  
**AC Type:** 0-None **Plumbing:** 2-Normal  
**Physical Condition:** 3-Normal **Functional Utility:** 3-Normal

## Building Other Features

Description	Qty	Width	Length	Height	Area	Calculated Value	Unadjusted Value
PP4 - Porch, enclosed	1	01	132	0	00	5672.964	5673
PP1 - Porch, open	1	01	100	0	00	2203.7	2204
PP1 - Porch, open	1	01	72	0	00	1586.664	1587

## Elevators and Escalators

No elevators or escalators exist for this building

## Ag/Forest Land

## Ag/Forest Land

No ag/forest land exists for this parcel



537048

FILED FOR RECORD MAY 17TH 2001, AT 3:55 O'CLOCK P.M., AND RECORDED IN  
BOOK 138 OF DEEDS ON PAGE 999 RECORDS OF HILL COUNTY, MONTANA.  
DIANE E. HELLEM, COUNTY CLERK & RECORDER DEPUTY (Carly G. Patrick) HILL COUNTY TITLE CO., FEE \$ 6.00 CHG  
Return to: ~~XX~~

## QUIT CLAIM DEED

H. MELVIN SHULUND AND HIGHLAND MANOR, A MONTANA PARTNERSHIP  
412 14<sup>TH</sup> STREET WEST  
HAVRE, MONTANA

herein referred to as GRANTORS, in consideration of one dollar and other valuable considerations, do hereby remise, release, and forever quitclaim unto

HIGHLAND MANOR LIMITED PARTNERSHIP  
412 14<sup>TH</sup> STREET WEST  
HAVRE, MONTANA 59501

herein referred to as GRANTEES, and to GRANTEES' heirs and assigns forever, all of the following real property in Hill County, Montana:

Lot B-1, Highland Manor Addition, an Amended Plat of Lot B of Amended Plat of Lot 1, Clack's Acres Tract Number One, according to the Plat filed as Document No. 478069, records of Hill County, Montana.

SUBJECT TO all easements, restrictions, reservations, and exceptions of record and all easements and rights-of-way apparent from a visual examination of the premises.

together with all tenements, hereditaments, and appurtenances thereto, and all reversions and remainders, and all rents, issues, and profits thereof, and all right, title, and interest of the GRANTORS therein.

TO HAVE AND TO HOLD all and singular the above-described premises together with appurtenances unto the GRANTEES and to GRANTEES' heirs and assigns forever.

IN WITNESS WHEREOF, this instrument is executed this 14<sup>th</sup> day of May, 2001.

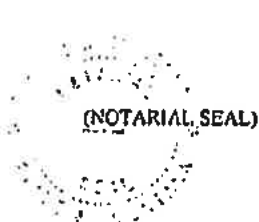
  
H. MELVIN SHULUND

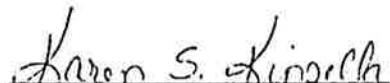
HIGHLAND MANOR, a Montana Partnership

By   
H. Melvin Shulund, Partner

STATE OF MONTANA )  
                              ) ss.  
County of Hill )

This instrument was acknowledged before me on the 14<sup>th</sup> day of May, 2001, by H. Melvin Shulund and by H. Melvin Shulund as Partner of Highland Manor, a Montana Partnership.



  
Notary Public for the State of Montana  
Residing at Havre, MT  
My commission expires October 5, 2004



504440

FILED FOR RECORD MAY 24th A.D. 19 93 AT 3:45 O'CLOCK P.M.  
AND RECORDED IN BOOK 132 OF DEEDS ON PAGE 234 RECORDS OF  
HILL COUNTY, MONTANA  
D.E. MELLE COUNTY RECORDER Carolyn G. Galtick Deputy  
FEE \$ 6.00 chg. HILL COUNTY TITLE CO., HAVRE, MT

WARRANTY DEED

H. MELVIN SHULUND  
818 17th Street  
Havre, Montana 59501

herein referred to as GRANTOR, in consideration of one dollar and other valuable considerations, does hereby grant, warrant, and confirm unto

HIGHLAND MANOR II LIMITED PARTNERSHIP  
818 17th Street  
Havre, Montana 59501

herein referred to as GRANTEE, and to GRANTEE'S successors and assigns forever, all of the following real property in Havre, Hill County, Montana:

Lot B-2, Highland Manor Addition, an Amended Plat of Lot B of Amended Plat of Lot 1, Clack's Acres, Tract Number One, according to Plat filed as Document No. 478069, according to the official plat thereof on file and of record in the office of the Clerk and Recorder, Hill County, Montana.

SUBJECT TO all easements, rights-of-way, reservations, and exceptions of record and all easements and rights-of-way apparent from a visual examination of the premises.

together with all tenements, hereditaments, and appurtenances thereto, and all reversions and remainders, and all rents, issues, and profits thereof, and all right, title, and interest of the GRANTOR therein.

TO HAVE AND TO HOLD all and singular the above-described premises together with appurtenances unto the GRANTEE and to GRANTEE'S successors and assigns forever.

GRANTOR does hereby warrant and agree to defend all right, title, and interest in and to the above-described property, and the quiet and peaceful possession thereof, unto the GRANTEE and the GRANTEE'S successors and assigns forever, against all acts of the GRANTOR and any and all persons who may lawfully claim the same.

IN WITNESS WHEREOF, this instrument is executed this 27<sup>th</sup> day of April, 1993.

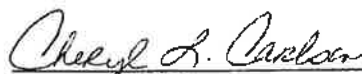
  
H. Melvin Shulund

STATE OF MONTANA )  
: ss.  
County of Hill )

On this 27<sup>th</sup> day of April, 1993, before me, the undersigned, a Notary Public for the State of Montana, personally appeared H. Melvin Shulund known to me to be the Grantor herein, and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notarial Seal the day and year first above written.



  
NOTARY PUBLIC for the State of Montana  
Residing at Havre, Montana,  
My Commission Expires Aug. 1, 1995





## Well Log Report & Well Information

  
**Bear Paw Development Corporation**  
of Northern Montana

# APPENDIX B





**Ground Water Information Center | MBMG Data Center**  
**Montana Bureau of Mines and Geology**  
**Montana Technological University**  
 1300 West Park Street - Natural Resources Building Room 329  
 Butte Montana 59701-8997  
 Ph: (406) 496-4336 Fx: (406) 496-4343

You are currently signed in. | 8/29/2020  
[Sign Out](#)

| [Home](#) | [Well Data](#) | [Reports](#) | [Data Coop](#) | [DrillerWeb](#) | [DNRC](#) | [Help!](#) |

Menus: | [Main](#) | [SWL](#) | [GWCP](#) | [Projects](#) | [Coal](#) | [Coal Quality](#) | [Geothermal](#)

## GWIC Data > Well Construction Data > Township: 32N Range: 16E Sec: 18

The following data were returned from the GWIC databases for the area you requested. For a more detailed description of the data view the [GWIC Metadata report](#). If you notice data entry errors or have questions please let us know by sending us an Email at [GWIC@mtech.edu](mailto:GWIC@mtech.edu). If you wish to view a one page report for a particular site, click the hyperlinked **Gwic Id** for that well. Scroll to the right of your screen to view all the data. All data displayed on the screen may not show up when printed.

### Retrieval Statistics\*

Field	Max	Min	Avg
Total Depth (ft)	254.00	99.00	179.00
Static Water Level (ft)	130.00	43.00	92.40
Yield (gpm)	45.00	0.00	18.20

\* These statistics do not take any geographic, topographic, or geologic factors into consideration. Negative swl values are reported for water levels that are above land surface.

### Did you know about...

Other GWIC data

**Thanks, Just take me back to the menu.**

Other MBMG data

**MBMG has 458 publications available for HILL county.**  
**MBMG has 1 abandoned mine record(s) for this request area.**

Gwic Id	PDF	DNRC WR	Site Name	TwN	Rng	Sec	Q Sec	Ver?	Type	Td	Swl	Pwl	Rwl	Yield	Test	Date	Use
<a href="#">43825</a>			FELTON DONALD AND CLARA	32N	16E	18		No	WELL	206.00	130.00	140.00		16.00	PUMP	8/5/1968	DOMESTIC
<a href="#">264794</a>			LDS CHURCH HAVRE	32N	16E	18	AA	No	WELL	201.00	119.60					9/20/2011	UNKNOWN
<a href="#">43826</a>			DAVIDSON NOEL R.	32N	16E	18	AB	No	WELL	185.00				45.00	OTHER	1/1/1916	DOMESTIC
<a href="#">43827</a>			WILLIAMS CHARLES	32N	16E	18	B	No	WELL	254.00				0.00	OTHER	8/29/1959	DOMESTIC
<a href="#">43828</a>			SMITH MARVIN	32N	16E	18	BD	No	WELL	129.00	43.00	55.00		10.00	PUMP	9/8/1962	STOCKWATER
<a href="#">43829</a>			GAUER JOHN F	32N	16E	18	DB	No	WELL	99.00	77.00	84.00		20.00	BAILER	8/19/1959	DOMESTIC

End of Report.  
 6 record(s) listed.

### Items of Note:

<sup>1</sup>This report is restricted to site types of **WELL, BOREHOLE, SPRING, COAL BED METHANE WELL, PETWELL, PIEZOMETER.**

<sup>2</sup>A single well record (a distinct GWIC Id) may be represented by more than one line in this report if more than one performance test was conducted on the well at the time of drilling.

### Explanation of Columns:

**GWIC Id** = Key field for the GWIC database. Links to one page reports.

**PDF** = Are scanned documents available through the Document Manager?

- = Yes, click on the icon to download the PDF file.
- = No, well was submitted electronically. No paper record exists.
- = No, record does have a known well log but it is not scanned yet.
- = No, record may or may not have a document to scan. Metadata is unclear.
- = No, record was created from a source other than a well log. No paper record exists.

**DNRC WR** = Water right number assigned to this site by Department of Natural Resources and Conservation.

**Site Name** = Current owner name assigned to GWIC record.

**Location** = Location of site in Montana township, range, section, and quarter-section coordinates.

**Ver?** = Has this location been verified by field staff?

**Type** = Type of site assigned to GWIC record.

**Td** = Total depth of well in feet below ground.

**Swl** = Static water level in feet above/below ground - Negative values are reported for water levels that are above land surface.



**Pwl** = Pumping water level in feet below ground.

**Rwl** = Recovery water level in feet below ground.

**Yield** = Yield in gallons per minute.

**Test** = Type of performance test reported.

**Date** = Completion date of well/borehole.

**Use** = Reported use of water.

**Disclaimer:**

The preceding materials represent the contents of the GWIC databases at the Montana Bureau of Mines and Geology at the time and date of the retrieval. The information is considered unpublished and is subject to correction and review on a daily basis. The Bureau warrants the accurate transmission of the data to the original end user at the time and date of the retrieval [8/29/2020 1:42:59 PM]. Retransmission of the data to other users is discouraged and the Bureau claims no responsibility if the material is retransmitted. There may be wells in the request area that are not recorded at the Information Center.

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## EDR Radius Map Report

  
**Bear Paw Development Corporation**  
of Northern Montana

# APPENDIX C



**Highland Manor Apartments**

1325 Jefferson Ave

Havre, MT 59501

Inquiry Number: 6173969.2s

August 31, 2020

## The EDR Radius Map™ Report with GeoCheck®



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



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***Thank you for your business.***  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

### **Disclaimer - Copyright and Trademark Notice**

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

1325 JEFFERSON AVE  
HAVRE, MT 59501

#### COORDINATES

Latitude (North):	48.5390460 - 48° 32' 20.56"
Longitude (West):	109.6951700 - 109° 41' 42.61"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	596318.2
UTM Y (Meters):	5376819.0
Elevation:	2601 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	6051760 HAVRE, MT
Version Date:	2014

### AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150918
Source:	USDA



MAPPED SITES SUMMARY

Target Property Address:  
1325 JEFFERSON AVE  
HAVRE, MT 59501

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
<a href="#">1</a>	NORTHERN MONTANA COL		UST	Higher	470, 0.089, NE
<a href="#">2</a>	VERNON L LARSON	1250 BOULEVARD AVE	UST	Higher	1150, 0.218, WNW
<a href="#">3</a>	ZIP TRIP 48	911 11TH ST W	LUST, UST	Higher	1609, 0.305, NNW
<a href="#">4</a>	MONTANA STATE UNIVER	100 COWAN DRIVE	US BROWNFIELDS	Lower	2098, 0.397, ENE



## EXECUTIVE SUMMARY

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### STANDARD ENVIRONMENTAL RECORDS

#### ***Federal NPL site list***

NPL..... National Priority List  
Proposed NPL..... Proposed National Priority List Sites  
NPL LIENS..... Federal Superfund Liens

#### ***Federal Delisted NPL site list***

Delisted NPL..... National Priority List Deletions

#### ***Federal CERCLIS list***

FEDERAL FACILITY..... Federal Facility Site Information listing  
SEMS..... Superfund Enterprise Management System

#### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

#### ***Federal RCRA CORRACTS facilities list***

CORRACTS..... Corrective Action Report

#### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

#### ***Federal RCRA generators list***

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 institutional controls / engineering controls registries***

LUCIS..... Land Use Control Information System



## EXECUTIVE SUMMARY

US ENG CONTROLS..... Engineering Controls Sites List  
US INST CONTROLS..... Institutional Controls Sites List

### ***Federal ERNS list***

ERNS..... Emergency Response Notification System

### ***State- and tribal - equivalent NPL***

SHWS..... CECRA (Non-NPL) Priority Sites List

### ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF..... Solid Waste Management Facilities List

### ***State and tribal leaking storage tank lists***

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

### ***State and tribal registered storage tank lists***

FEMA UST..... Underground Storage Tank Listing  
AST..... Above Ground Storage Tanks  
INDIAN UST..... Underground Storage Tanks on Indian Land

### ***State and tribal institutional control / engineering control registries***

INST CONTROL..... Response Action List

### ***State and tribal voluntary cleanup sites***

INDIAN VCP..... Voluntary Cleanup Priority Listing  
VCP..... Voluntary Cleanup & Redevelopment Act Registry

### ***State and tribal Brownfields sites***

BROWNFIELDS..... Brownfields Site Listing

## **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Lists of Landfill / Solid Waste Disposal Sites***

SWRCY..... Recycling Facilities  
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands  
ODI..... Open Dump Inventory  
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations  
IHS OPEN DUMPS..... Open Dumps on Indian Land

### ***Local Lists of Hazardous waste / Contaminated Sites***

US HIST CDL..... Delisted National Clandestine Laboratory Register  
CDL..... Clandestine Drug Labs  
HIST CDL..... Clandestine Drug Lab Listing  
DEL SHWS..... Delisted List of CECRA Sites



## EXECUTIVE SUMMARY

US CDL..... National Clandestine Laboratory Register  
PFAS..... PFOA & PFOS Site Listing

### **Local Land Records**

LIENS 2..... CERCLA Lien Information

### **Records of Emergency Release Reports**

HMIRS..... Hazardous Materials Information Reporting System  
SPILLS..... Hazardous Material Spills Report

### **Other Ascertainable Records**

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated  
FUDS..... Formerly Used Defense Sites  
DOD..... Department of Defense Sites  
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing  
US FIN ASSUR..... Financial Assurance Information  
EPA WATCH LIST..... EPA WATCH LIST  
2020 COR ACTION..... 2020 Corrective Action Program List  
TSCA..... Toxic Substances Control Act  
TRIS..... Toxic Chemical Release Inventory System  
SSTS..... Section 7 Tracking Systems  
ROD..... Records Of Decision  
RMP..... Risk Management Plans  
RAATS..... RCRA Administrative Action Tracking System  
PRP..... Potentially Responsible Parties  
PADS..... PCB Activity Database System  
ICIS..... Integrated Compliance Information System  
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)  
MLTS..... Material Licensing Tracking System  
COAL ASH DOE..... Steam-Electric Plant Operation Data  
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List  
PCB TRANSFORMER..... PCB Transformer Registration Database  
RADINFO..... Radiation Information Database  
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing  
DOT OPS..... Incident and Accident Data  
CONSENT..... Superfund (CERCLA) Consent Decrees  
INDIAN RESERV..... Indian Reservations  
FUSRAP..... Formerly Utilized Sites Remedial Action Program  
UMTRA..... Uranium Mill Tailings Sites  
LEAD SMELTERS..... Lead Smelter Sites  
US AIRS..... Aerometric Information Retrieval System Facility Subsystem  
US MINES..... Mines Master Index File  
ABANDONED MINES..... Abandoned Mines  
FINDS..... Facility Index System/Facility Registry System  
UXO..... Unexploded Ordnance Sites  
DOCKET HWC..... Hazardous Waste Compliance Docket Listing  
ECHO..... Enforcement & Compliance History Information  
FUELS PROGRAM..... EPA Fuels Program Registered Listing  
AIRS..... Emissions Inventory Listing  
ASBESTOS..... ASBESTOS  
COAL ASH..... Coal Ash Disposal Site Listing



## EXECUTIVE SUMMARY

DRYCLEANERS.....	Drycleaner Facility Listing
Financial Assurance.....	Financial Assurance Information Listing
REM RPROGRAM.....	Remediation Response Site Database
UIC.....	UIC Wells Listing
WQA.....	WQA Site Ranking List
MINES.....	Abandoned and Inactive Mines Database
MINES MRDS.....	Mineral Resources Data System

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Auto.....	EDR Exclusive Historical Auto Stations
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property. Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### ***State and tribal leaking storage tank lists***

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Quality's Leaking Underground Storage Tank List for Montana.

A review of the LUST list, as provided by EDR, and dated 04/09/2020 has revealed that there is 1 LUST site within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<b><i>ZIP TRIP 48</i></b> Facility Id: 22169	<b><i>911 11TH ST W</i></b>	<b><i>NNW 1/4 - 1/2 (0.305 mi.)</i></b>	<b><i>3</i></b>	<b><i>8</i></b>



## EXECUTIVE SUMMARY

### ***State and tribal registered storage tank lists***

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Quality's Statewide UST List.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
NORTHERN MONTANA COL Database: UST, Date of Government Version: 12/03/2018 Open or Closed?: CLOSE Facility Id: 2103846		NE 0 - 1/8 (0.089 mi.)	1	8
VERNON L LARSON Database: UST, Date of Government Version: 12/03/2018 Open or Closed?: CLOSE Facility Id: 2100333	1250 BOULEVARD AVE	WNW 1/8 - 1/4 (0.218 mi.)	2	8

### **ADDITIONAL ENVIRONMENTAL RECORDS**

### ***Local Brownfield lists***

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 06/01/2020 has revealed that there is 1 US BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MONTANA STATE UNIVER ACRES property ID: 153024 Cleanup Completion Date: -	100 COWAN DRIVE	ENE 1/4 - 1/2 (0.397 mi.)	4	9

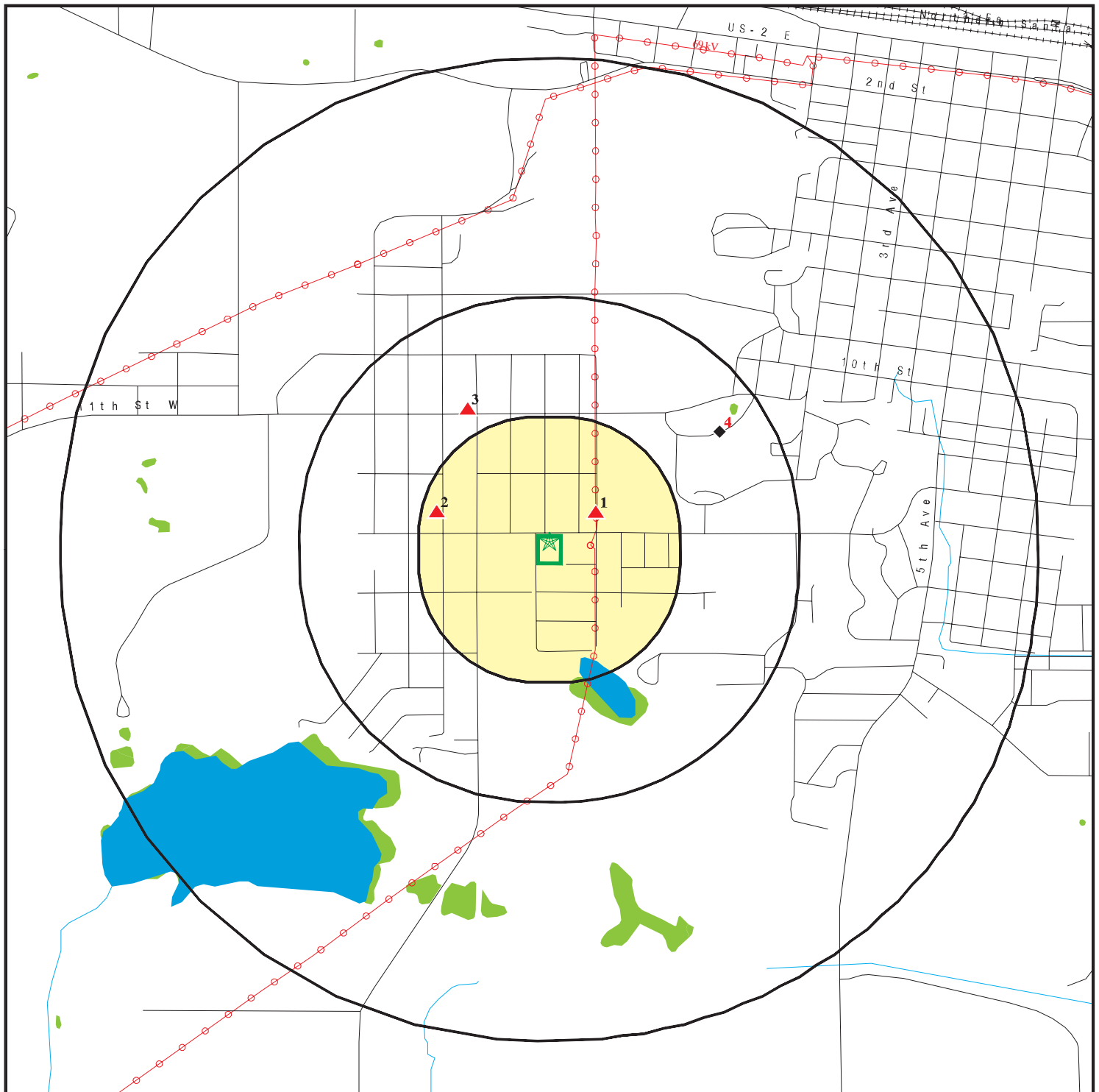








## EXECUTIVE SUMMARY





There were no unmapped sites in this report.



# OVERVIEW MAP - 6173969.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  National Wetland Inventory
-  State Wetlands

0 1/4 1/2 1 Miles



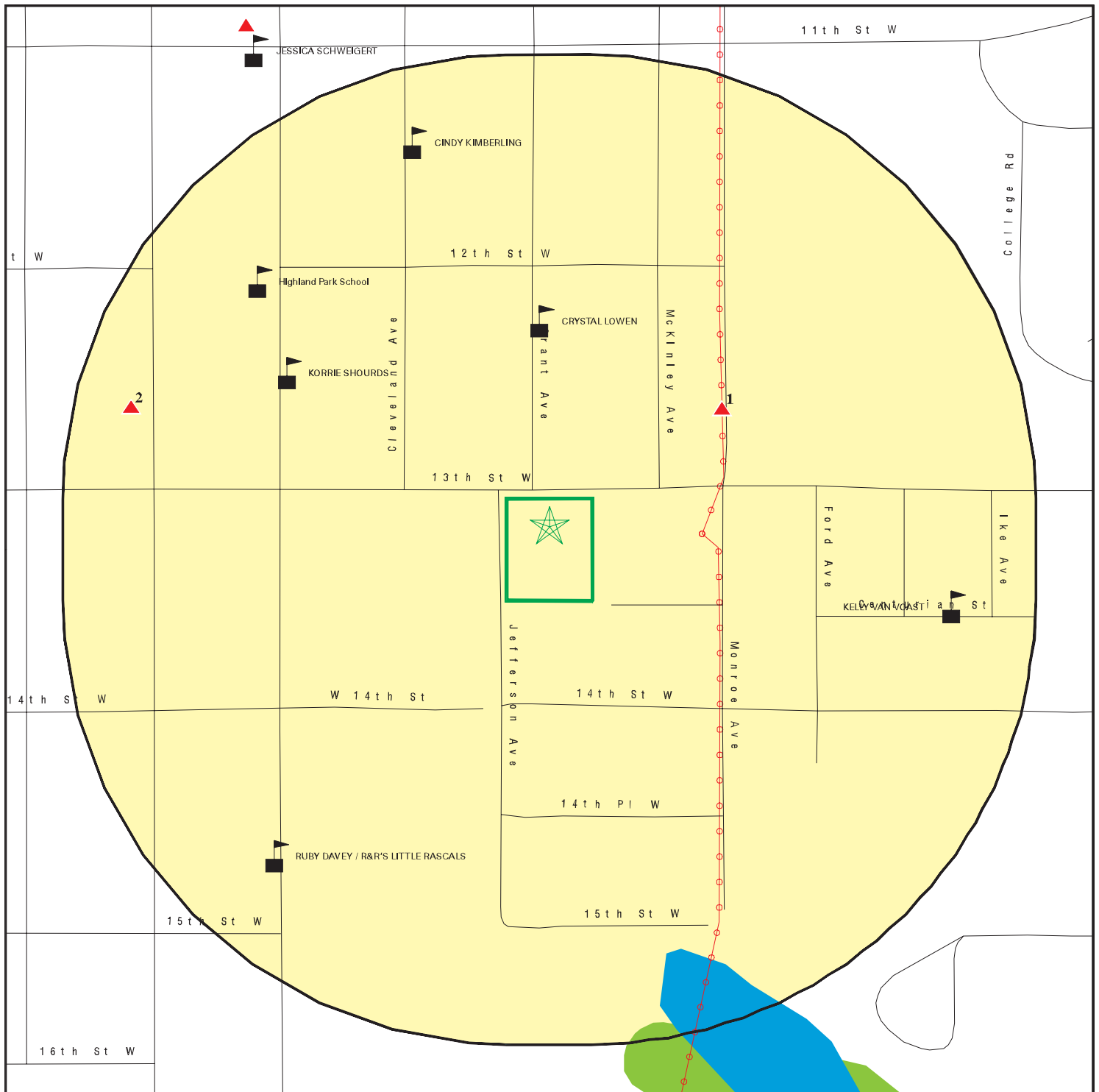
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.








SITE NAME: Highland Manor Apartments  
ADDRESS: 1325 Jefferson Ave  
Havre MT 59501  
LAT/LONG: 48.539046 / 109.69517

CLIENT: NewFields  
CONTACT: Christin Hileman  
INQUIRY #: 6173969.2s  
DATE: August 31, 2020 9:39 am



# DETAIL MAP - 6173969.2S



-  Target Property
-  Sites at elevations higher than or equal to the target property
-  Sites at elevations lower than the target property
-  Manufactured Gas Plants
-  Sensitive Receptors
-  National Priority List Sites
-  Dept. Defense Sites

-  Indian Reservations BIA
-  Power transmission lines
-  National Wetland Inventory
-  State Wetlands

0 1/16 1/8 1/4 Miles



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Highland Manor Apartments  
ADDRESS: 1325 Jefferson Ave  
Havre MT 59501  
LAT/LONG: 48.539046 / 109.69517

CLIENT: NewFields  
CONTACT: Christin Hileman  
INQUIRY #: 6173969.2s  
DATE: August 31, 2020 9:40 am



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b>STANDARD ENVIRONMENTAL RECORDS</b>								
<b><i>Federal NPL site list</i></b>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<b><i>Federal Delisted NPL site list</i></b>								
Delisted NPL	1.000		0	0	0	0	NR	0
<b><i>Federal CERCLIS list</i></b>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<b><i>Federal CERCLIS NFRAP site list</i></b>								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA CORRACTS facilities list</i></b>								
CORRACTS	1.000		0	0	0	0	NR	0
<b><i>Federal RCRA non-CORRACTS TSD facilities list</i></b>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<b><i>Federal RCRA generators list</i></b>								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
<b><i>Federal institutional controls / engineering controls registries</i></b>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
<b><i>Federal ERNS list</i></b>								
ERNS	0.001		0	NR	NR	NR	NR	0
<b><i>State- and tribal - equivalent NPL</i></b>								
SHWS	1.000		0	0	0	0	NR	0
<b><i>State and tribal landfill and/or solid waste disposal site lists</i></b>								
SWF/LF	0.500		0	0	0	NR	NR	0
<b><i>State and tribal leaking storage tank lists</i></b>								
LUST	0.500		0	0	1	NR	NR	1
INDIAN LUST	0.500		0	0	0	NR	NR	0
<b><i>State and tribal registered storage tank lists</i></b>								
FEMA UST	0.250		0	0	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
UST	0.250		1	1	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
<b>State and tribal institutional control / engineering control registries</b>								
INST CONTROL	0.500		0	0	0	NR	NR	0
<b>State and tribal voluntary cleanup sites</b>								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
<b>State and tribal Brownfields sites</b>								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
<b>ADDITIONAL ENVIRONMENTAL RECORDS</b>								
<b>Local Brownfield lists</b>								
US BROWNFIELDS	0.500		0	0	1	NR	NR	1
<b>Local Lists of Landfill / Solid Waste Disposal Sites</b>								
SWRCY	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
<b>Local Lists of Hazardous waste / Contaminated Sites</b>								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
CDL	0.001		0	NR	NR	NR	NR	0
HIST CDL	0.001		0	NR	NR	NR	NR	0
DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
PFAS	0.500		0	0	0	NR	NR	0
<b>Local Land Records</b>								
LIENS 2	0.001		0	NR	NR	NR	NR	0
<b>Records of Emergency Release Reports</b>								
HMIRS	0.001		0	NR	NR	NR	NR	0
SPILLS	0.001		0	NR	NR	NR	NR	0
<b>Other Ascertainable Records</b>								
RCRA NonGen / NLR	0.250		0	0	NR	NR	NR	0
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0



## MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
AIRS	0.001		0	NR	NR	NR	NR	0
ASBESTOS	0.001		0	NR	NR	NR	NR	0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
REM RPROGRAM	0.001		0	NR	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
WQA	0.500		0	0	0	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0

### EDR HIGH RISK HISTORICAL RECORDS

#### ***EDR Exclusive Records***

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0

### EDR RECOVERED GOVERNMENT ARCHIVES

#### ***Exclusive Recovered Govt. Archives***

RGA HWS	0.001		0	NR	NR	NR	NR	0
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## MAP FINDINGS SUMMARY

<u>Database</u>	<u>Search Distance (Miles)</u>	<u>Target Property</u>	<u>&lt; 1/8</u>	<u>1/8 - 1/4</u>	<u>1/4 - 1/2</u>	<u>1/2 - 1</u>	<u>&gt; 1</u>	<u>Total Plotted</u>
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		0	1	1	2	0	0	4

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database



Map ID Direction Distance Elevation	Site	Database(s)	EDR ID Number EPA ID Number
<div> <div>MAP FINDINGS</div> </div>			
<b>1</b> <b>NE</b> <b>&lt; 1/8</b> <b>0.089 mi.</b> <b>470 ft.</b>  <b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>2603 ft.</b>	<b>NORTHERN MONTANA COLLEGE</b>  <b>HAVRE, MT</b>  UST: Facility ID: 2103846 Active Tanks: Not reported Inactive Tanks: 3 Open/Closed?: CLOSE	<b>UST</b>	<b>U001876284</b> <b>N/A</b>
<b>2</b> <b>WNW</b> <b>1/8-1/4</b> <b>0.218 mi.</b> <b>1150 ft.</b>  <b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>2604 ft.</b>	<b>VERNON L LARSON</b> <b>1250 BOULEVARD AVE</b> <b>HAVRE, MT</b>  UST: Facility ID: 2100333 Active Tanks: Not reported Inactive Tanks: 1 Open/Closed?: CLOSE	<b>UST</b>	<b>U001117292</b> <b>N/A</b>
<b>3</b> <b>NNW</b> <b>1/4-1/2</b> <b>0.305 mi.</b> <b>1609 ft.</b>  <b>Relative:</b> <b>Higher</b>  <b>Actual:</b> <b>2613 ft.</b>	<b>ZIP TRIP 48</b> <b>911 11TH ST W</b> <b>HAVRE, MT</b>  LUST: Name: ZIP TRIP 48 Address: 911 11TH ST W City,State,Zip: HAVRE, MT Facility ID: 22169 Federally Regulated: Federal Release ID: 2490 Date of Release: 11/13/1987 <b>Transfer Agency Lead: Petroleum Storage Tank Cleanup</b> <b>Transfer Date: Not reported</b> EPA Lead: Not reported Date Resolved: 12/03/1987 Latitude: Not reported Longitude: Not reported Lat/Long Method: Not reported  Name: ZIP TRIP 48 Address: 911 11TH ST W City,State,Zip: HAVRE, MT Facility ID: 22169 Federally Regulated: Federal Release ID: 4890 Date of Release: 11/09/2011 <b>Transfer Agency Lead: Petroleum Storage Tank Cleanup</b> <b>Transfer Date: Not reported</b> EPA Lead: Not reported Date Resolved: 07/19/2013 Latitude: Not reported	<b>LUST</b> <b>UST</b>	<b>U001876256</b> <b>N/A</b>



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**ZIP TRIP 48 (Continued)**

**U001876256**

Longitude: Not reported  
Lat/Long Method: Not reported

**UST:**

Facility ID: 2100089  
Active Tanks: 3  
Inactive Tanks: Not reported  
Open/Closed?: OPEN

**4**  
**ENE**  
**1/4-1/2**  
**0.397 mi.**  
**2098 ft.**

**MONTANA STATE UNIVERSITY - NORTHERN: DONALDSON HAL**  
**100 COWAN DRIVE**  
**HAVRE, MT 59501**

**US BROWNFIELDS 1016139484**  
**N/A**

**Relative:**  
**Lower**  
**Actual:**  
**2560 ft.**

**US BROWNFIELDS:**

Name: MONTANA STATE UNIVERSITY - NORTHERN: DONALDSON HAL  
Address: 100 COWAN DRIVE  
City,State,Zip: HAVRE, MT 59501  
Recipient Name: Bear Paw Development Corporation  
Grant Type: Assessment  
Property Number: -  
Parcel size: 0.25  
Latitude: 48.5424126  
Longitude: -109.6874012  
HCM Label: Address Matching-House Number  
Map Scale: -  
Point of Reference: Entrance Point of a Facility or Station  
Highlights: State of Montana is the current owner acquired in 1936. The building was constructed during a time when asbestos was common in building materials.  
  
Datum: North American Datum of 1983  
Acres Property ID: 153024  
IC Data Access: -  
Start Date: -  
Redev Completion Date: -  
Completed Date: -  
Acres Cleaned Up: -  
Cleanup Funding: -  
Cleanup Funding Source: -  
Assessment Funding: 8689  
Assessment Funding Source: EPA  
Redevelopment Funding: -  
Redev. Funding Source: -  
Redev. Funding Entity Name: -  
Redevelopment Start Date: -  
Assessment Funding Entity: US EPA - Brownfields Assessment Cooperative Agreement  
Cleanup Funding Entity: -  
Grant Type: Hazardous  
Accomplishment Type: Phase II Environmental Assessment  
Accomplishment Count: Y  
Cooperative Agreement Number: 96808501  
Start Date: 4/27/2012  
Ownership Entity: Government  
Completion Date: 11/1/2012  
Current Owner: Montana State University  
Did Owner Change: N



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTANA STATE UNIVERSITY - NORTHERN: DONALDSON HAL (Continued)**

**1016139484**

Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	-
IC Cat. Info. Devices:	-
IC Cat. Gov. Controls:	-
IC Cat. Enforcement Permit Tools:	-
IC in place date:	-
IC in place:	N
State/tribal program date:	-
State/tribal program ID:	-
State/tribal NFA date:	-
Air cleaned:	-
Asbestos found:	Y
Asbestos cleaned:	-
Controlled substance found:	-
Controlled substance cleaned:	-
Drinking water affected:	-
Drinking water cleaned:	-
Groundwater affected:	-
Groundwater cleaned:	-
Lead contaminant found:	-
Lead cleaned up:	-
No media affected:	-
Unknown media affected:	-
Other cleaned up:	-
Other metals found:	-
Other metals cleaned:	-
Other contaminants found:	-
Other contams found description:	-
PAHs found:	-
PAHs cleaned up:	-
PCBs found:	-
PCBs cleaned up:	-
Petro products found:	-
Petro products cleaned:	-
Sediments found:	-
Sediments cleaned:	-
Soil affected:	-
Soil cleaned up:	-
Surface water cleaned:	-
VOCs found:	-
VOCs cleaned:	-
Cleanup other description:	-
Num. of cleanup and re-dev. jobs:	-
Past use greenspace acreage:	-
Past use residential acreage:	-
Surface Water:	-
Past use commercial acreage:	-
Past use industrial acreage:	-
Future use greenspace acreage:	-
Future use residential acreage:	-
Future use commercial acreage:	0.25
Future use industrial acreage:	-
Superfund Fed. landowner flag:	-
Arsenic cleaned up:	-



Map ID  
Direction  
Distance  
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number  
EPA ID Number

**MONTANA STATE UNIVERSITY - NORTHERN: DONALDSON HAL (Continued)**

**1016139484**

Cadmium cleaned up:	-
Chromium cleaned up:	-
Copper cleaned up:	-
Iron cleaned up:	-
mercury cleaned up:	-
Nickel Cleaned Up:	-
No clean up:	-
Pesticides cleaned up:	-
Selenium cleaned up:	-
SVOCs cleaned up:	-
Unknown clean up:	-
Arsenic contaminant found:	-
Cadmium contaminant found:	-
Chromium contaminant found:	-
Copper contaminant found:	-
Iron contaminant found:	-
Mercury contaminant found:	-
Nickel contaminant found:	-
No contaminant found:	-
Pesticides contaminant found:	-
Selenium contaminant found:	-
SVOCs contaminant found:	-
Unknown contaminant found:	-
Future Use: Multistory	-
Media affected Bluiding Material:	-
Media affected indoor air:	-
Building material media cleaned up:	-
Indoor air media cleaned up:	-
Unknown media cleaned up:	-
Past Use: Multistory	-
Property Description:	-
Below Poverty Number:	242
Below Poverty Percent:	10.8
Meidan Income:	11853
Meidan Income Number:	630
Meidan Income Percent:	28.13
Vacant Housing Number:	35
Vacant Housing Percent:	3.86
Unemployed Number:	18
Unemployed Percent:	0.8



Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
NO SITES FOUND					



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## STANDARD ENVIRONMENTAL RECORDS

### ***Federal NPL site list***

#### **NPL: National Priority List**

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.

Date of Government Version: 07/29/2020	Source: EPA
Date Data Arrived at EDR: 08/03/2020	Telephone: N/A
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 08/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	Data Release Frequency: Quarterly

#### **NPL Site Boundaries**

##### **Sources:**

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1 Telephone 617-918-1143	EPA Region 6 Telephone: 214-655-6659
EPA Region 3 Telephone 215-814-5418	EPA Region 7 Telephone: 913-551-7247
EPA Region 4 Telephone 404-562-8033	EPA Region 8 Telephone: 303-312-6774
EPA Region 5 Telephone 312-886-6686	EPA Region 9 Telephone: 415-947-4246
EPA Region 10 Telephone 206-553-8665	

#### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 07/29/2020	Source: EPA
Date Data Arrived at EDR: 08/03/2020	Telephone: N/A
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 08/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	Data Release Frequency: Quarterly

#### **NPL LIENS: Federal Superfund Liens**

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/15/1991  
Date Data Arrived at EDR: 02/02/1994  
Date Made Active in Reports: 03/30/1994  
Number of Days to Update: 56

Source: EPA  
Telephone: 202-564-4267  
Last EDR Contact: 08/15/2011  
Next Scheduled EDR Contact: 11/28/2011  
Data Release Frequency: No Update Planned

### ***Federal Delisted NPL site list***

Delisted NPL: National Priority List Deletions

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.

Date of Government Version: 07/29/2020  
Date Data Arrived at EDR: 08/03/2020  
Date Made Active in Reports: 08/25/2020  
Number of Days to Update: 22

Source: EPA  
Telephone: N/A  
Last EDR Contact: 08/03/2020  
Next Scheduled EDR Contact: 10/12/2020  
Data Release Frequency: Quarterly

### ***Federal CERCLIS list***

FEDERAL FACILITY: Federal Facility Site Information listing

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.

Date of Government Version: 04/03/2019  
Date Data Arrived at EDR: 04/05/2019  
Date Made Active in Reports: 05/14/2019  
Number of Days to Update: 39

Source: Environmental Protection Agency  
Telephone: 703-603-8704  
Last EDR Contact: 07/02/2020  
Next Scheduled EDR Contact: 10/12/2020  
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 07/29/2020  
Date Data Arrived at EDR: 08/03/2020  
Date Made Active in Reports: 08/25/2020  
Number of Days to Update: 22

Source: EPA  
Telephone: 800-424-9346  
Last EDR Contact: 08/03/2020  
Next Scheduled EDR Contact: 10/26/2020  
Data Release Frequency: Quarterly

### ***Federal CERCLIS NFRAP site list***

SEMS-ARCHIVE: Superfund Enterprise Management System Archive



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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.

Date of Government Version: 07/29/2020	Source: EPA
Date Data Arrived at EDR: 08/03/2020	Telephone: 800-424-9346
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 08/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Quarterly

### ***Federal RCRA CORRACTS facilities list***

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/23/2020	Source: EPA
Date Data Arrived at EDR: 03/25/2020	Telephone: 800-424-9346
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

### ***Federal RCRA non-CORRACTS TSD facilities list***

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

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.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 303-312-6149
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

### ***Federal RCRA generators list***

RCRA-LQG: RCRA - Large Quantity Generators

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.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 303-312-6149
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### RCRA-SQG: RCRA - Small Quantity Generators

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). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 303-312-6149
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

### RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/25/2020	Telephone: 303-312-6149
Date Made Active in Reports: 05/21/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 57	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

### ***Federal institutional controls / engineering controls registries***

#### LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/15/2020	Source: Department of the Navy
Date Data Arrived at EDR: 05/19/2020	Telephone: 843-820-7326
Date Made Active in Reports: 06/18/2020	Last EDR Contact: 08/04/2020
Number of Days to Update: 30	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: Varies

#### US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 08/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 09/07/2020
	Data Release Frequency: Varies

#### US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/20/2020	Telephone: 703-603-0695
Date Made Active in Reports: 05/15/2020	Last EDR Contact: 08/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 12/07/2020
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ***Federal ERNS list***

ERNS: Emergency Response Notification System

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

Date of Government Version: 03/22/2020  
Date Data Arrived at EDR: 03/24/2020  
Date Made Active in Reports: 06/18/2020  
Number of Days to Update: 86

Source: National Response Center, United States Coast Guard  
Telephone: 202-267-2180  
Last EDR Contact: 06/22/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Quarterly

## ***State- and tribal - equivalent NPL***

SHWS: CECRA (Non-NPL) Priority Sites List

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: 03/10/2020  
Date Data Arrived at EDR: 06/02/2020  
Date Made Active in Reports: 08/21/2020  
Number of Days to Update: 80

Source: Department of Environmental Quality  
Telephone: 406-444-1420  
Last EDR Contact: 06/02/2020  
Next Scheduled EDR Contact: 09/14/2020  
Data Release Frequency: Quarterly

## ***State and tribal landfill and/or solid waste disposal site lists***

SWF/LF: Solid Waste Management Facilities List

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.

Date of Government Version: 04/08/2020  
Date Data Arrived at EDR: 04/14/2020  
Date Made Active in Reports: 05/27/2020  
Number of Days to Update: 43

Source: Department of Environmental Quality  
Telephone: 406-444-5294  
Last EDR Contact: 07/08/2020  
Next Scheduled EDR Contact: 10/26/2020  
Data Release Frequency: Varies

## ***State and tribal leaking storage tank lists***

LUST: Leaking Underground Storage Tank List for Montana

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.

Date of Government Version: 04/09/2020  
Date Data Arrived at EDR: 04/10/2020  
Date Made Active in Reports: 06/30/2020  
Number of Days to Update: 81

Source: Department of Environmental Quality  
Telephone: 406-444-5970  
Last EDR Contact: 07/07/2020  
Next Scheduled EDR Contact: 10/19/2020  
Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020  
Date Data Arrived at EDR: 05/20/2020  
Date Made Active in Reports: 08/12/2020  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 415-972-3372  
Last EDR Contact: 07/24/2020  
Next Scheduled EDR Contact: 11/02/2020  
Data Release Frequency: Varies



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-6597
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land  
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020	Source: EPA Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020	Source: EPA Region 10
Date Data Arrived at EDR: 05/20/2020	Telephone: 206-553-2857
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-8677
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6271
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land  
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020	Source: EPA, Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-7439
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## State and tribal registered storage tank lists

### FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 02/01/2020	Source: FEMA
Date Data Arrived at EDR: 03/19/2020	Telephone: 202-646-5797
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 07/06/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Varies

### UST: Statewide UST Underground Storage Tank List

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 12/03/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 01/09/2019	Telephone: 406-444-5970
Date Made Active in Reports: 03/14/2019	Last EDR Contact: 07/09/2020
Number of Days to Update: 64	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Quarterly

### UNREG UST: Non Regulated UST Facility Listing

Unregulated tanks

Date of Government Version: 12/20/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/06/2019	Telephone: 406-444-3840
Date Made Active in Reports: 05/13/2019	Last EDR Contact: 06/05/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Varies

### AST: Above Ground Storage Tanks

A listing of AST site locations that have applied for assistance from the fund. The Board and the Petroleum Tank Release Cleanup Fund (Fund) were established by the 1989 Montana Legislature to provide adequate financial resources and effective procedures through which tank owners and operators may undertake, and be reimbursed for, cleanup of petroleum contamination and payment to third parties for damages caused by releases from petroleum storage tanks; to assist tank owners and operators in meeting financial assurance requirements under state and federal law governing operation of petroleum storage tanks; to assist in protecting public health and safety and the environment by providing cleanup of petroleum tank releases; and to provide tank owners with incentives to improve petroleum storage tank facilities in order to minimize the likelihood of accidental releases.

Date of Government Version: 04/30/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/30/2020	Telephone: 406-841-5092
Date Made Active in Reports: 07/17/2020	Last EDR Contact: 07/28/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Quarterly

### INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020	Source: EPA Region 9
Date Data Arrived at EDR: 05/20/2020	Telephone: 415-972-3368
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/23/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/01/2020
	Data Release Frequency: Varies

### INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/14/2020	Source: EPA Region 10
Date Data Arrived at EDR: 05/20/2020	Telephone: 206-553-2857
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

### INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 5
Date Data Arrived at EDR: 05/20/2020	Telephone: 312-886-6136
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

### INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 4
Date Data Arrived at EDR: 05/26/2020	Telephone: 404-562-9424
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 78	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

### INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020	Source: EPA, Region 1
Date Data Arrived at EDR: 05/20/2020	Telephone: 617-918-1313
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

### INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020	Source: EPA Region 8
Date Data Arrived at EDR: 05/20/2020	Telephone: 303-312-6137
Date Made Active in Reports: 08/13/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

### INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020	Source: EPA Region 6
Date Data Arrived at EDR: 05/20/2020	Telephone: 214-665-7591
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

### INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 04/03/2020	Source: EPA Region 7
Date Data Arrived at EDR: 05/20/2020	Telephone: 913-551-7003
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 07/24/2020
Number of Days to Update: 84	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

### ***State and tribal institutional control / engineering control registries***

#### **INST CONTROL: Response Action List**

Response Action Sites that have institutional controls in place.

Date of Government Version: 12/04/2017	Source: Department of Environmental Quality
Date Data Arrived at EDR: 12/06/2017	Telephone: 406-444-2544
Date Made Active in Reports: 01/11/2018	Last EDR Contact: 06/05/2020
Number of Days to Update: 36	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Varies

### ***State and tribal voluntary cleanup sites***

#### **INDIAN VCP R7: Voluntary Cleanup Priority Listing**

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008	Source: EPA, Region 7
Date Data Arrived at EDR: 04/22/2008	Telephone: 913-551-7365
Date Made Active in Reports: 05/19/2008	Last EDR Contact: 04/20/2009
Number of Days to Update: 27	Next Scheduled EDR Contact: 07/20/2009
	Data Release Frequency: Varies

#### **INDIAN VCP R1: Voluntary Cleanup Priority Listing**

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 09/29/2015	Telephone: 617-918-1102
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 06/17/2020
Number of Days to Update: 142	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Varies

#### **VCP: Voluntary Cleanup & Redevelopment Act Registry**

Sites involved in the Voluntary Cleanup & Redevelopment program.

Date of Government Version: 12/20/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/06/2019	Telephone: 406-444-1420
Date Made Active in Reports: 05/13/2019	Last EDR Contact: 06/05/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Quarterly

### ***State and tribal Brownfields sites***

#### **BROWNFIELDS: Brownfields Site Listing**

The Environmental Protection Agency (EPA) defines brownfields as 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.

Date of Government Version: 12/20/2018	Source: Department of Environmental Quality
Date Data Arrived at EDR: 03/06/2019	Telephone: 406-841-5070
Date Made Active in Reports: 05/13/2019	Last EDR Contact: 06/05/2020
Number of Days to Update: 68	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Quarterly



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## ADDITIONAL ENVIRONMENTAL RECORDS

### Local Brownfield lists

#### US BROWNFIELDS: A Listing of Brownfields Sites

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.

Date of Government Version: 06/01/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/02/2020	Telephone: 202-566-2777
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 06/02/2020
Number of Days to Update: 7	Next Scheduled EDR Contact: 09/28/2020
	Data Release Frequency: Semi-Annually

### Local Lists of Landfill / Solid Waste Disposal Sites

#### SWRCY: Recycling Facilities

A listing of recycling center locations.

Date of Government Version: 04/08/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 04/14/2020	Telephone: 406-841-5200
Date Made Active in Reports: 06/30/2020	Last EDR Contact: 07/08/2020
Number of Days to Update: 77	Next Scheduled EDR Contact: 10/26/2020
	Data Release Frequency: Varies

#### INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/03/2007	Telephone: 703-308-8245
Date Made Active in Reports: 01/24/2008	Last EDR Contact: 07/21/2020
Number of Days to Update: 52	Next Scheduled EDR Contact: 11/09/2020
	Data Release Frequency: Varies

#### ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

#### DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009	Source: EPA, Region 9
Date Data Arrived at EDR: 05/07/2009	Telephone: 415-947-4219
Date Made Active in Reports: 09/21/2009	Last EDR Contact: 07/14/2020
Number of Days to Update: 137	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: No Update Planned



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014

Date Data Arrived at EDR: 08/06/2014

Date Made Active in Reports: 01/29/2015

Number of Days to Update: 176

Source: Department of Health & Human Services, Indian Health Service

Telephone: 301-443-1452

Last EDR Contact: 07/31/2020

Next Scheduled EDR Contact: 11/09/2020

Data Release Frequency: Varies

## Local Lists of Hazardous waste / Contaminated Sites

### US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020

Date Data Arrived at EDR: 03/19/2020

Date Made Active in Reports: 06/09/2020

Number of Days to Update: 82

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 08/19/2020

Next Scheduled EDR Contact: 12/07/2020

Data Release Frequency: No Update Planned

### CDL: Clandestine Drug Labs

Clandestine drug lab locations.

Date of Government Version: 06/01/2020

Date Data Arrived at EDR: 06/05/2020

Date Made Active in Reports: 08/19/2020

Number of Days to Update: 75

Source: Department of Environmental Quality

Telephone: 406-444-2544

Last EDR Contact: 06/01/2020

Next Scheduled EDR Contact: 09/14/2020

Data Release Frequency: Quarterly

### HIST CDL: Clandestine Drug Lab Listing

A listing of clandestine drug lab locations. This listing includes fields and records that the CDL listing does not. It is no longer updated by the state.

Date of Government Version: 07/05/2006

Date Data Arrived at EDR: 10/24/2006

Date Made Active in Reports: 11/07/2006

Number of Days to Update: 14

Source: Department of Environmental Quality

Telephone: 406-444-5286

Last EDR Contact: 01/02/2008

Next Scheduled EDR Contact: 03/31/2008

Data Release Frequency: No Update Planned

### DEL SHWS: Delisted List of CECRA Sites

A list of sites that have been delisted from the CECRA Priority List.

Date of Government Version: 03/10/2020

Date Data Arrived at EDR: 06/02/2020

Date Made Active in Reports: 08/21/2020

Number of Days to Update: 80

Source: Department of Environmental Quality

Telephone: 406-444-1420

Last EDR Contact: 06/02/2020

Next Scheduled EDR Contact: 09/14/2020

Data Release Frequency: Quarterly

### US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020

Date Data Arrived at EDR: 03/19/2020

Date Made Active in Reports: 06/09/2020

Number of Days to Update: 82

Source: Drug Enforcement Administration

Telephone: 202-307-1000

Last EDR Contact: 08/19/2020

Next Scheduled EDR Contact: 12/07/2020

Data Release Frequency: Quarterly



**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING****PFAS: PFOA & PFOS Site Listing**

Perfluorinated Compounds (PFCs) are a very large group (more than 3000) of human-made chemicals that contain at least one fluorine atom. The family of PFCs has widely differing physical, chemical and biological properties, but are principally known for their ability to impart stain/water resistant properties to products. PFCs are used in automotive, electronics, firefighting and construction industries.

Date of Government Version: 12/05/2019  
Date Data Arrived at EDR: 12/16/2019  
Date Made Active in Reports: 02/21/2020  
Number of Days to Update: 67

Source: Department of Environmental Quality  
Telephone: 406-444-6697  
Last EDR Contact: 06/19/2020  
Next Scheduled EDR Contact: 09/28/2020  
Data Release Frequency: Varies

**Local Land Records****LIENS 2: CERCLA Lien Information**

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 07/29/2020  
Date Data Arrived at EDR: 08/03/2020  
Date Made Active in Reports: 08/25/2020  
Number of Days to Update: 22

Source: Environmental Protection Agency  
Telephone: 202-564-6023  
Last EDR Contact: 08/03/2020  
Next Scheduled EDR Contact: 10/12/2020  
Data Release Frequency: Semi-Annually

**Records of Emergency Release Reports****HMIRS: Hazardous Materials Information Reporting System**

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 02/27/2020  
Date Data Arrived at EDR: 03/24/2020  
Date Made Active in Reports: 06/18/2020  
Number of Days to Update: 86

Source: U.S. Department of Transportation  
Telephone: 202-366-4555  
Last EDR Contact: 06/23/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Quarterly

**SPILLS: Hazardous Material Spills Report**

Reported spills or hazardous material spills or releases

Date of Government Version: 04/21/2020  
Date Data Arrived at EDR: 05/06/2020  
Date Made Active in Reports: 07/23/2020  
Number of Days to Update: 78

Source: Department of Environmental Quality  
Telephone: 406-431-0014  
Last EDR Contact: 07/28/2020  
Next Scheduled EDR Contact: 11/16/2020  
Data Release Frequency: Quarterly

**Other Ascertainable Records****RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated**

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.

Date of Government Version: 03/23/2020  
Date Data Arrived at EDR: 03/25/2020  
Date Made Active in Reports: 05/21/2020  
Number of Days to Update: 57

Source: Environmental Protection Agency  
Telephone: 303-312-6149  
Last EDR Contact: 06/22/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 05/13/2020	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 05/18/2020	Telephone: 202-528-4285
Date Made Active in Reports: 08/12/2020	Last EDR Contact: 08/13/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 11/30/2020
	Data Release Frequency: Varies

### DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 07/09/2020
Number of Days to Update: 62	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Semi-Annually

### FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018	Source: U.S. Geological Survey
Date Data Arrived at EDR: 04/11/2018	Telephone: 888-275-8747
Date Made Active in Reports: 11/06/2019	Last EDR Contact: 07/06/2020
Number of Days to Update: 574	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: N/A

### SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/03/2017	Telephone: 615-532-8599
Date Made Active in Reports: 04/07/2017	Last EDR Contact: 08/05/2020
Number of Days to Update: 63	Next Scheduled EDR Contact: 11/23/2020
	Data Release Frequency: Varies

### US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/23/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/24/2020	Telephone: 202-566-1917
Date Made Active in Reports: 06/18/2020	Last EDR Contact: 06/22/2020
Number of Days to Update: 86	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Quarterly

### EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.



# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/21/2014	Telephone: 617-520-3000
Date Made Active in Reports: 06/17/2014	Last EDR Contact: 07/31/2020
Number of Days to Update: 88	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Quarterly

## 2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/08/2018	Telephone: 703-308-4044
Date Made Active in Reports: 07/20/2018	Last EDR Contact: 08/06/2020
Number of Days to Update: 73	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Varies

## TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016	Source: EPA
Date Data Arrived at EDR: 06/21/2017	Telephone: 202-260-5521
Date Made Active in Reports: 01/05/2018	Last EDR Contact: 06/17/2020
Number of Days to Update: 198	Next Scheduled EDR Contact: 09/28/2020
	Data Release Frequency: Every 4 Years

## TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018	Source: EPA
Date Data Arrived at EDR: 02/05/2020	Telephone: 202-566-0250
Date Made Active in Reports: 04/24/2020	Last EDR Contact: 08/14/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 11/30/2020
	Data Release Frequency: Annually

## SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 03/01/2020	Source: EPA
Date Data Arrived at EDR: 04/21/2020	Telephone: 202-564-4203
Date Made Active in Reports: 07/15/2020	Last EDR Contact: 07/21/2020
Number of Days to Update: 85	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Annually

## ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 07/29/2020	Source: EPA
Date Data Arrived at EDR: 08/03/2020	Telephone: 703-416-0223
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 08/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Annually



**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING****RMP: Risk Management Plans**

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 01/31/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/13/2020	Telephone: 202-564-8600
Date Made Active in Reports: 08/03/2020	Last EDR Contact: 07/15/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Varies

**RAATS: RCRA Administrative Action Tracking System**

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

**PRP: Potentially Responsible Parties**

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020	Source: EPA
Date Data Arrived at EDR: 05/06/2020	Telephone: 202-564-6023
Date Made Active in Reports: 06/09/2020	Last EDR Contact: 08/03/2020
Number of Days to Update: 34	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Quarterly

**PADS: PCB Activity Database System**

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019	Source: EPA
Date Data Arrived at EDR: 10/11/2019	Telephone: 202-566-0500
Date Made Active in Reports: 12/20/2019	Last EDR Contact: 07/13/2020
Number of Days to Update: 70	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Annually

**ICIS: Integrated Compliance Information System**

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/23/2016	Telephone: 202-564-2501
Date Made Active in Reports: 02/10/2017	Last EDR Contact: 06/30/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Quarterly



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

### FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 08/18/2017
Number of Days to Update: 25	Next Scheduled EDR Contact: 12/04/2017
	Data Release Frequency: No Update Planned

### MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/25/2019	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 10/25/2019	Telephone: 301-415-7169
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 07/20/2020
Number of Days to Update: 82	Next Scheduled EDR Contact: 11/02/2020
	Data Release Frequency: Quarterly

### COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2018	Source: Department of Energy
Date Data Arrived at EDR: 12/04/2019	Telephone: 202-586-8719
Date Made Active in Reports: 01/15/2020	Last EDR Contact: 06/05/2020
Number of Days to Update: 42	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Varies

### COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/05/2019	Telephone: N/A
Date Made Active in Reports: 11/11/2019	Last EDR Contact: 06/01/2020
Number of Days to Update: 251	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Varies

### PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/06/2019	Telephone: 202-566-0517
Date Made Active in Reports: 02/10/2020	Last EDR Contact: 08/06/2020
Number of Days to Update: 96	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Varies

### RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/01/2019  
Date Data Arrived at EDR: 07/01/2019  
Date Made Active in Reports: 09/23/2019  
Number of Days to Update: 84

Source: Environmental Protection Agency  
Telephone: 202-343-9775  
Last EDR Contact: 06/24/2020  
Next Scheduled EDR Contact: 10/12/2020  
Data Release Frequency: Quarterly

### HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2007  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

### HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006  
Date Data Arrived at EDR: 03/01/2007  
Date Made Active in Reports: 04/10/2007  
Number of Days to Update: 40

Source: Environmental Protection Agency  
Telephone: 202-564-2501  
Last EDR Contact: 12/17/2008  
Next Scheduled EDR Contact: 03/17/2008  
Data Release Frequency: No Update Planned

### DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020  
Date Data Arrived at EDR: 01/28/2020  
Date Made Active in Reports: 04/17/2020  
Number of Days to Update: 80

Source: Department of Transportation, Office of Pipeline Safety  
Telephone: 202-366-4595  
Last EDR Contact: 07/27/2020  
Next Scheduled EDR Contact: 11/09/2020  
Data Release Frequency: Quarterly

### CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2020  
Date Data Arrived at EDR: 07/15/2020  
Date Made Active in Reports: 07/21/2020  
Number of Days to Update: 6

Source: Department of Justice, Consent Decree Library  
Telephone: Varies  
Last EDR Contact: 07/06/2020  
Next Scheduled EDR Contact: 10/19/2020  
Data Release Frequency: Varies

### BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2015  
Date Data Arrived at EDR: 02/22/2017  
Date Made Active in Reports: 09/28/2017  
Number of Days to Update: 218

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 06/22/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Biennially



**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING****INDIAN RESERV: Indian Reservations**

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014	Source: USGS
Date Data Arrived at EDR: 07/14/2015	Telephone: 202-208-3710
Date Made Active in Reports: 01/10/2017	Last EDR Contact: 07/07/2020
Number of Days to Update: 546	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Semi-Annually

**FUSRAP: Formerly Utilized Sites Remedial Action Program**

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017	Source: Department of Energy
Date Data Arrived at EDR: 09/11/2018	Telephone: 202-586-3559
Date Made Active in Reports: 09/14/2018	Last EDR Contact: 07/28/2020
Number of Days to Update: 3	Next Scheduled EDR Contact: 11/16/2020
	Data Release Frequency: Varies

**UMTRA: Uranium Mill Tailings Sites**

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019	Source: Department of Energy
Date Data Arrived at EDR: 11/15/2019	Telephone: 505-845-0011
Date Made Active in Reports: 01/28/2020	Last EDR Contact: 08/21/2020
Number of Days to Update: 74	Next Scheduled EDR Contact: 11/30/2020
	Data Release Frequency: Varies

**LEAD SMELTER 1: Lead Smelter Sites**

A listing of former lead smelter site locations.

Date of Government Version: 07/29/2020	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/03/2020	Telephone: 703-603-8787
Date Made Active in Reports: 08/25/2020	Last EDR Contact: 08/03/2020
Number of Days to Update: 22	Next Scheduled EDR Contact: 10/12/2020
	Data Release Frequency: Varies

**LEAD SMELTER 2: Lead Smelter Sites**

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

**US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)**

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

### US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/12/2016  
Date Data Arrived at EDR: 10/26/2016  
Date Made Active in Reports: 02/03/2017  
Number of Days to Update: 100

Source: EPA  
Telephone: 202-564-2496  
Last EDR Contact: 09/26/2017  
Next Scheduled EDR Contact: 01/08/2018  
Data Release Frequency: Annually

### MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 05/28/2020  
Date Data Arrived at EDR: 05/28/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 77

Source: DOL, Mine Safety & Health Admini  
Telephone: 202-693-9424  
Last EDR Contact: 08/26/2020  
Next Scheduled EDR Contact: 12/14/2020  
Data Release Frequency: Quarterly

### US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 05/01/2020  
Date Data Arrived at EDR: 05/21/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 08/25/2020  
Next Scheduled EDR Contact: 12/07/2020  
Data Release Frequency: Semi-Annually

### US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020  
Date Data Arrived at EDR: 05/27/2020  
Date Made Active in Reports: 08/13/2020  
Number of Days to Update: 78

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/28/2020  
Next Scheduled EDR Contact: 12/07/2020  
Data Release Frequency: Varies

### US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011  
Date Data Arrived at EDR: 06/08/2011  
Date Made Active in Reports: 09/13/2011  
Number of Days to Update: 97

Source: USGS  
Telephone: 703-648-7709  
Last EDR Contact: 08/28/2020  
Next Scheduled EDR Contact: 12/07/2020  
Data Release Frequency: Varies

### ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/05/2020  
Date Data Arrived at EDR: 03/06/2020  
Date Made Active in Reports: 05/29/2020  
Number of Days to Update: 84

Source: Department of Interior  
Telephone: 202-208-2609  
Last EDR Contact: 06/19/2020  
Next Scheduled EDR Contact: 09/21/2020  
Data Release Frequency: Quarterly

### FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/03/2020  
Date Data Arrived at EDR: 03/03/2020  
Date Made Active in Reports: 05/28/2020  
Number of Days to Update: 86

Source: EPA  
Telephone: (303) 312-6312  
Last EDR Contact: 08/26/2020  
Next Scheduled EDR Contact: 12/14/2020  
Data Release Frequency: Quarterly

### DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/31/2018  
Date Data Arrived at EDR: 07/26/2018  
Date Made Active in Reports: 10/05/2018  
Number of Days to Update: 71

Source: Environmental Protection Agency  
Telephone: 202-564-0527  
Last EDR Contact: 08/19/2020  
Next Scheduled EDR Contact: 12/07/2020  
Data Release Frequency: Varies

### UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2017  
Date Data Arrived at EDR: 01/17/2019  
Date Made Active in Reports: 04/01/2019  
Number of Days to Update: 74

Source: Department of Defense  
Telephone: 703-704-1564  
Last EDR Contact: 07/09/2020  
Next Scheduled EDR Contact: 10/26/2020  
Data Release Frequency: Varies

### ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 04/04/2020  
Date Data Arrived at EDR: 04/07/2020  
Date Made Active in Reports: 06/26/2020  
Number of Days to Update: 80

Source: Environmental Protection Agency  
Telephone: 202-564-2280  
Last EDR Contact: 07/02/2020  
Next Scheduled EDR Contact: 10/19/2020  
Data Release Frequency: Quarterly

### FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 05/18/2020  
Date Data Arrived at EDR: 05/19/2020  
Date Made Active in Reports: 08/03/2020  
Number of Days to Update: 76

Source: EPA  
Telephone: 800-385-6164  
Last EDR Contact: 08/17/2020  
Next Scheduled EDR Contact: 11/30/2020  
Data Release Frequency: Quarterly

### AIRS: Emissions Inventory Listing

Emissions inventory information.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/07/2020  
Date Data Arrived at EDR: 01/29/2020  
Date Made Active in Reports: 04/10/2020  
Number of Days to Update: 72

Source: Department of Environmental Quality  
Telephone: 406-444-2742  
Last EDR Contact: 06/08/2020  
Next Scheduled EDR Contact: 10/05/2020  
Data Release Frequency: Annually

### ASBESTOS: Asbestos Notification Listing Asbestos notification sites

Date of Government Version: 04/02/2020  
Date Data Arrived at EDR: 04/08/2020  
Date Made Active in Reports: 06/29/2020  
Number of Days to Update: 82

Source: Department of Environmental Quality  
Telephone: 406-444-6762  
Last EDR Contact: 07/07/2020  
Next Scheduled EDR Contact: 10/19/2020  
Data Release Frequency: Varies

### COAL ASH: Coal Ash Disposal Site Listing A listing of coal ash disposal site locations.

Date of Government Version: 11/14/2019  
Date Data Arrived at EDR: 11/15/2019  
Date Made Active in Reports: 01/14/2020  
Number of Days to Update: 60

Source: Department of Environmental Quality  
Telephone: 406-444-1808  
Last EDR Contact: 07/08/2020  
Next Scheduled EDR Contact: 10/26/2020  
Data Release Frequency: Varies

### DRYCLEANERS: Drycleaner facilities A listing of drycleaner facility locations.

Date of Government Version: 12/05/2019  
Date Data Arrived at EDR: 12/12/2019  
Date Made Active in Reports: 02/20/2020  
Number of Days to Update: 70

Source: Department of Environmental Quality  
Telephone: 406-841-5251  
Last EDR Contact: 06/04/2020  
Next Scheduled EDR Contact: 09/21/2020  
Data Release Frequency: No Update Planned

### Financial Assurance: Financial Assurance Information Listing Financial Assurance information.

Date of Government Version: 12/05/2019  
Date Data Arrived at EDR: 12/12/2019  
Date Made Active in Reports: 02/20/2020  
Number of Days to Update: 70

Source: Department of Environmental Quality  
Telephone: 406-444-2876  
Last EDR Contact: 06/04/2020  
Next Scheduled EDR Contact: 09/21/2020  
Data Release Frequency: Annually

### FIN ASSURANCE 2: Financial Assurance Information Listing

Information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/18/2018  
Date Data Arrived at EDR: 06/15/2018  
Date Made Active in Reports: 09/14/2018  
Number of Days to Update: 91

Source: Department of Environmental Quality  
Telephone: 406-444-6762  
Last EDR Contact: 06/04/2020  
Next Scheduled EDR Contact: 09/21/2020  
Data Release Frequency: Varies

### REM RPROGRAM: Remediation Response Site Database

A listing of sites included in the Remediation Response Site Database.

Date of Government Version: 12/20/2018  
Date Data Arrived at EDR: 03/06/2019  
Date Made Active in Reports: 05/13/2019  
Number of Days to Update: 68

Source: Department of Environmental Quality  
Telephone: 406-444-0474  
Last EDR Contact: 08/06/2020  
Next Scheduled EDR Contact: 09/14/2020  
Data Release Frequency: Quarterly



**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING****UIC: UIC Wells Listing**

The Montana Board of Oil & Gas Conservation (MBOGC) was delegated Primacy over the Class II Underground Injection Control (UIC) Program in Montana effective November 19, 1996. The program was previously implemented directly by the United States Environmental Protection Agency (EPA) Region VIII office in Denver, Colorado.

Date of Government Version: 03/23/2020	Source: Department of Natural Resources & Conservation
Date Data Arrived at EDR: 03/24/2020	Telephone: 406-656-0040
Date Made Active in Reports: 06/08/2020	Last EDR Contact: 06/23/2020
Number of Days to Update: 76	Next Scheduled EDR Contact: 10/05/2020
	Data Release Frequency: Varies

**WQA: WQA Site Ranking List**

Sites regulated under the Montana Water Quality Act (WQA) are addressed by the Groundwater Remediation Program. These sites typically require long-term soil, surface water, and/or groundwater remediation and monitoring. This program addresses sites that are not addressed by the Leaking Underground Storage Tank Program, CECRA Program, Permitting and Compliance Division, or other state authorities.

Date of Government Version: 03/10/2020	Source: Department of Environmental Quality
Date Data Arrived at EDR: 06/03/2020	Telephone: 406-841-5062
Date Made Active in Reports: 08/21/2020	Last EDR Contact: 06/03/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 09/14/2020
	Data Release Frequency: Quarterly

**MINES MRDS: Mineral Resources Data System  
Mineral Resources Data System**

Date of Government Version: 04/06/2018	Source: USGS
Date Data Arrived at EDR: 10/21/2019	Telephone: 703-648-6533
Date Made Active in Reports: 10/24/2019	Last EDR Contact: 08/28/2020
Number of Days to Update: 3	Next Scheduled EDR Contact: 12/07/2020
	Data Release Frequency: Varies

**PCS INACTIVE: Listing of Inactive PCS Permits**

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014	Source: EPA
Date Data Arrived at EDR: 01/06/2015	Telephone: 202-564-2496
Date Made Active in Reports: 05/06/2015	Last EDR Contact: 07/09/2020
Number of Days to Update: 120	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Semi-Annually

**PCS ENF: Enforcement data**

No description is available for this data

Date of Government Version: 12/31/2014	Source: EPA
Date Data Arrived at EDR: 02/05/2015	Telephone: 202-564-2497
Date Made Active in Reports: 03/06/2015	Last EDR Contact: 07/01/2020
Number of Days to Update: 29	Next Scheduled EDR Contact: 10/19/2020
	Data Release Frequency: Varies

**ABANDONED MINES: Abandoned and Inactive Mines Database**

Mine locations and attributes from the Montana Bureau of Mines and Geology (MBMG) Abandoned and Inactive Mines database. This data was compiled by MBMG using the U.S. Bureau of Mines MILS database as a basis. The information was updated during the USDA Forest Service (Region 1) and U.S. Bureau of Land Management mine inventory (conducted from 1992 to 2002). The coordinates and legal descriptions come from sources of varying accuracy. The attributes included here are a subset of those available from the MBMG database.

Date of Government Version: 06/03/2020	Source: Bureau of Mines and Geology
Date Data Arrived at EDR: 06/03/2020	Telephone: 406-496-4606
Date Made Active in Reports: 08/21/2020	Last EDR Contact: 08/26/2020
Number of Days to Update: 79	Next Scheduled EDR Contact: 12/14/2020
	Data Release Frequency: Varies



**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING****PCS: Permit Compliance System**

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011

Date Data Arrived at EDR: 08/05/2011

Date Made Active in Reports: 09/29/2011

Number of Days to Update: 55

Source: EPA, Office of Water

Telephone: 202-564-2496

Last EDR Contact: 06/08/2020

Next Scheduled EDR Contact: 09/21/2020

Data Release Frequency: Semi-Annually

**EDR HIGH RISK HISTORICAL RECORDS*****EDR Exclusive Records*****EDR MGP: EDR Proprietary Manufactured Gas Plants**

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

**EDR Hist Auto: EDR Exclusive Historical Auto Stations**

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

**EDR Hist Cleaner: EDR Exclusive Historical Cleaners**

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A

Date Data Arrived at EDR: N/A

Date Made Active in Reports: N/A

Number of Days to Update: N/A

Source: EDR, Inc.

Telephone: N/A

Last EDR Contact: N/A

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies



**GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING****EDR RECOVERED GOVERNMENT ARCHIVES*****Exclusive Recovered Govt. Archives*****RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List**

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Montana.

Date of Government Version: N/A

Source: Department of Environmental Quality

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 01/08/2014

Last EDR Contact: 06/01/2012

Number of Days to Update: 191

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

**RGA LUST: Recovered Government Archive Leaking Underground Storage Tank**

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Quality in Montana.

Date of Government Version: N/A

Source: Department of Environmental Quality

Date Data Arrived at EDR: 07/01/2013

Telephone: N/A

Date Made Active in Reports: 01/03/2014

Last EDR Contact: 06/01/2012

Number of Days to Update: 186

Next Scheduled EDR Contact: N/A

Data Release Frequency: Varies

**OTHER DATABASE(S)**

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

**NY MANIFEST: Facility and Manifest Data**

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019

Source: Department of Environmental Conservation

Date Data Arrived at EDR: 04/29/2020

Telephone: 518-402-8651

Date Made Active in Reports: 07/10/2020

Last EDR Contact: 07/31/2020

Number of Days to Update: 72

Next Scheduled EDR Contact: 11/09/2020

Data Release Frequency: Quarterly

**Oil/Gas Pipelines**

Source: Endeavor Business Media

Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

**Electric Power Transmission Line Data**

Source: Endeavor Business Media

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**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.



## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

### AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

### Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

### Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

### Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

### Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

### Daycare Centers: Daycare Facility List

Source: Department of Public Health & Human Services

Telephone: 406-444-1742

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

### State Wetlands Data: Wetland and Riparian Framework

Source: Natural Heritage Program

Telephone: 406-444-0915

### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

## STREET AND ADDRESS INFORMATION

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## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM**

### **TARGET PROPERTY ADDRESS**

HIGHLAND MANOR APARTMENTS  
1325 JEFFERSON AVE  
HAVRE, MT 59501

### **TARGET PROPERTY COORDINATES**

Latitude (North):	48.539046 - 48° 32' 20.57"
Longitude (West):	109.69517 - 109° 41' 42.61"
Universal Transverse Mercator:	Zone 12
UTM X (Meters):	596318.2
UTM Y (Meters):	5376819.0
Elevation:	2601 ft. above sea level

### **USGS TOPOGRAPHIC MAP**

Target Property Map:	6051760 HAVRE, MT
Version Date:	2014

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

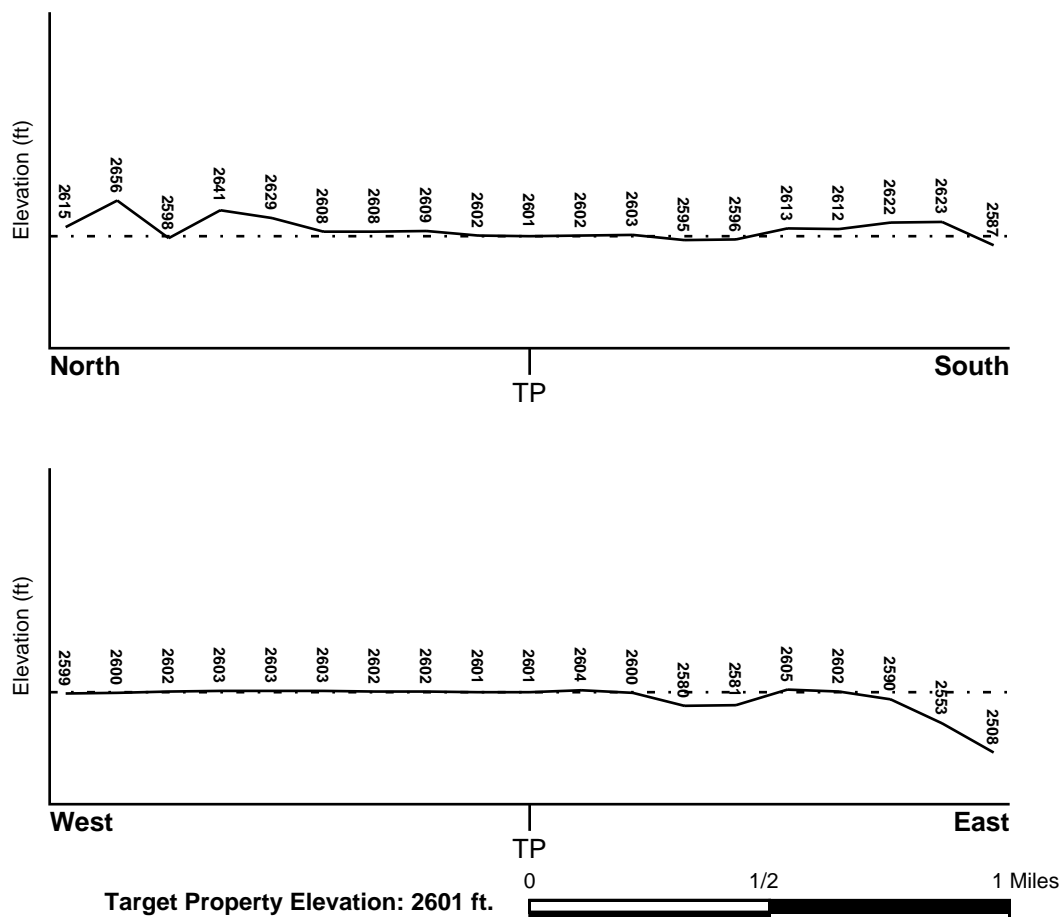
### TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General ESE

### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

### FEMA FLOOD ZONE

<u>Flood Plain Panel at Target Property</u>	<u>FEMA Source Type</u>
---	-------------------------

Not Reported

<u>Additional Panels in search area:</u>	<u>FEMA Source Type</u>
--	-------------------------

Not Reported

### NATIONAL WETLAND INVENTORY

NWI Quad at Target Property  
HAVRE

NWI Electronic  
Data Coverage  
YES - refer to the Overview Map and Detail Map

### HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u>	<u>GENERAL DIRECTION</u>
Not Reported	<u>FROM TP</u>	<u>GROUNDWATER FLOW</u>



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

Era:	Mesozoic
System:	Cretaceous
Series:	Taylor Group
Code:	uK3b ( <i>decoded above as Era, System &amp; Series</i> )

#### **GEOLOGIC AGE IDENTIFICATION**

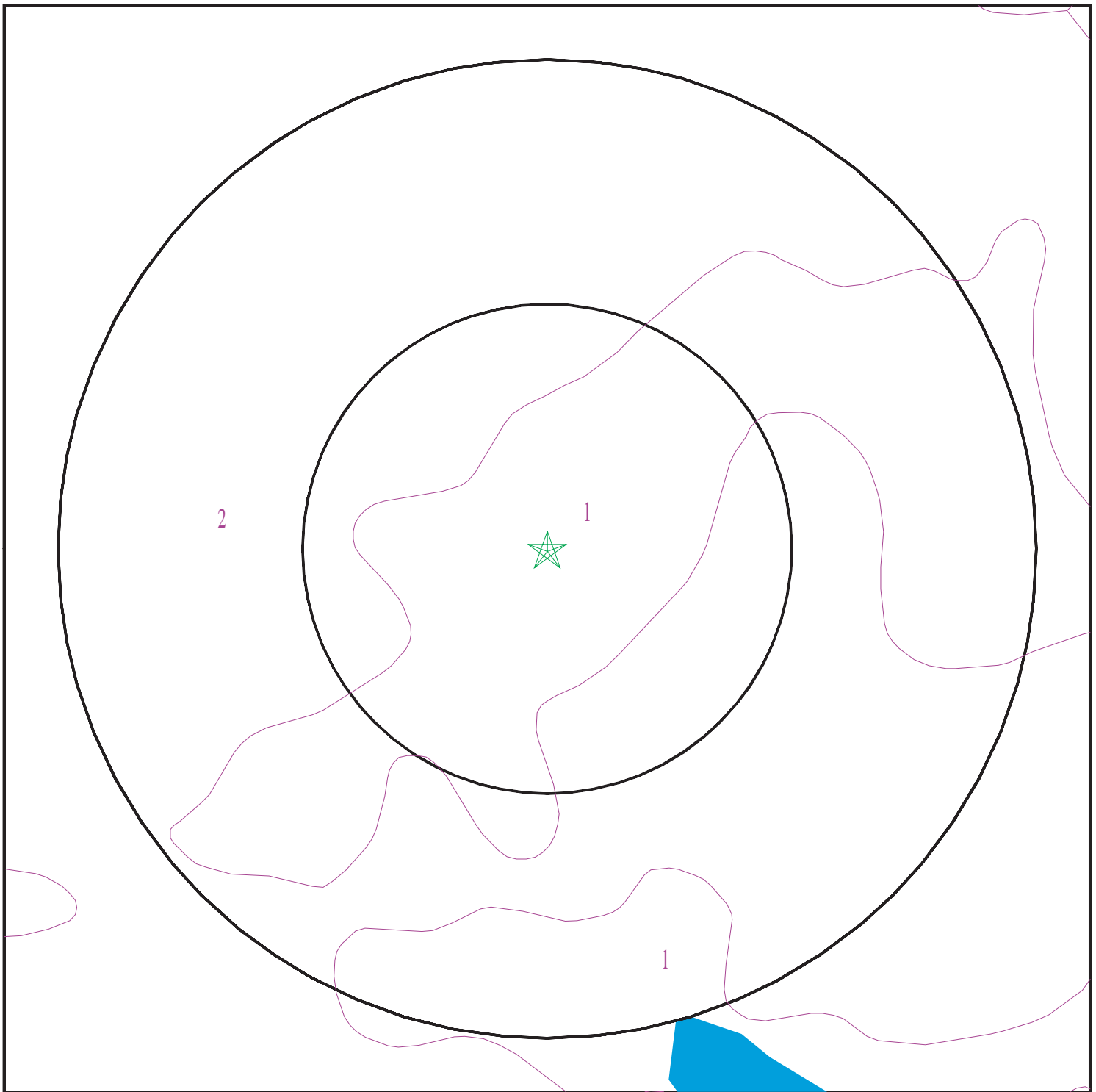
Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).



# SSURGO SOIL MAP - 6173969.2s

Highland Manor Environmental Review  
Appendix I 94



- ★ Target Property
- SSURGO Soil
- Water

0 1/16 1/8 1/4 Miles



SITE NAME: Highland Manor Apartments  
ADDRESS: 1325 Jefferson Ave  
Havre MT 59501  
LAT/LONG: 48.539046 / 109.69517

CLIENT: NewFields  
CONTACT: Christin Hileman  
INQUIRY #: 6173969.2s  
DATE: August 31, 2020 9:40 am



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

#### Soil Map ID: 1

Soil Component Name: JOPLIN

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
2	5 inches	9 inches	clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
3	9 inches	25 inches	clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4
4	25 inches	59 inches	clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 8.4 Min: 7.4

#### Soil Map ID: 2

Soil Component Name: TELSTAD

Soil Surface Texture: loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
2	5 inches	11 inches	clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
3	11 inches	40 inches	clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9
4	40 inches	59 inches	clay loam	Not reported	Not reported	Max: 1.4 Min: 0.42	Max: 9 Min: 7.9

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

### FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
75	MT0001275	1/2 - 1 Mile NE



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
--------	---------	---------------------

Note: PWS System location is not always the same as well location.

### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	MTG600000170431	0 - 1/8 Mile SSW
2	MTG600000170391	1/4 - 1/2 Mile WSW
3	MTG600000170409	1/4 - 1/2 Mile NNW
A4	MTG600000170505	1/4 - 1/2 Mile NE
A5	MTG600000170506	1/4 - 1/2 Mile NE
A6	MTG600000170507	1/4 - 1/2 Mile NE
A7	MTG600000170508	1/4 - 1/2 Mile NE
8	MTG600000170511	1/4 - 1/2 Mile SE
9	MTG600000170491	1/4 - 1/2 Mile SSE
B10	MTG600000170548	1/4 - 1/2 Mile ENE
B11	MTG600000170549	1/4 - 1/2 Mile ENE
B12	MTG600000170550	1/4 - 1/2 Mile ENE
C13	MTG600000170554	1/4 - 1/2 Mile ENE
C14	MTG600000170553	1/4 - 1/2 Mile ENE
C15	MTG600000170552	1/4 - 1/2 Mile ENE
C16	MTG600000170555	1/4 - 1/2 Mile ENE
C17	MTG600000170558	1/4 - 1/2 Mile ENE
C18	MTG600000170559	1/4 - 1/2 Mile ENE
C19	MTG600000170556	1/4 - 1/2 Mile ENE
C20	MTG600000170557	1/4 - 1/2 Mile ENE
21	MTG600000170587	1/4 - 1/2 Mile ESE
22	MTG600000170475	1/4 - 1/2 Mile NNE
D23	MTG600000170551	1/2 - 1 Mile NE
D24	MTG600000170570	1/2 - 1 Mile NE
25	MTG600000170359	1/2 - 1 Mile SW
26	MTG600000170325	1/2 - 1 Mile SW
27	MTG600000170583	1/2 - 1 Mile NE
28	MTG600000170604	1/2 - 1 Mile ENE
E29	MTG600000170328	1/2 - 1 Mile NW
E30	MTG600000170326	1/2 - 1 Mile NW
E31	MTG600000170327	1/2 - 1 Mile NW
32	MTG600000170430	1/2 - 1 Mile North
F33	MTG600000170360	1/2 - 1 Mile NW
F34	MTG600000170361	1/2 - 1 Mile NW
35	MTG600000170390	1/2 - 1 Mile SSW
36	MTG600000170307	1/2 - 1 Mile WSW
G37	MTG600000170689	1/2 - 1 Mile ENE
G38	MTG600000170690	1/2 - 1 Mile ENE
39	MTG600000170275	1/2 - 1 Mile WNW
H40	MTG600000170654	1/2 - 1 Mile SE
H41	MTG600000170655	1/2 - 1 Mile SE
H42	MTG600000170656	1/2 - 1 Mile SE
43	MTG600000170735	1/2 - 1 Mile East
I44	MTG600000170601	1/2 - 1 Mile NE



## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

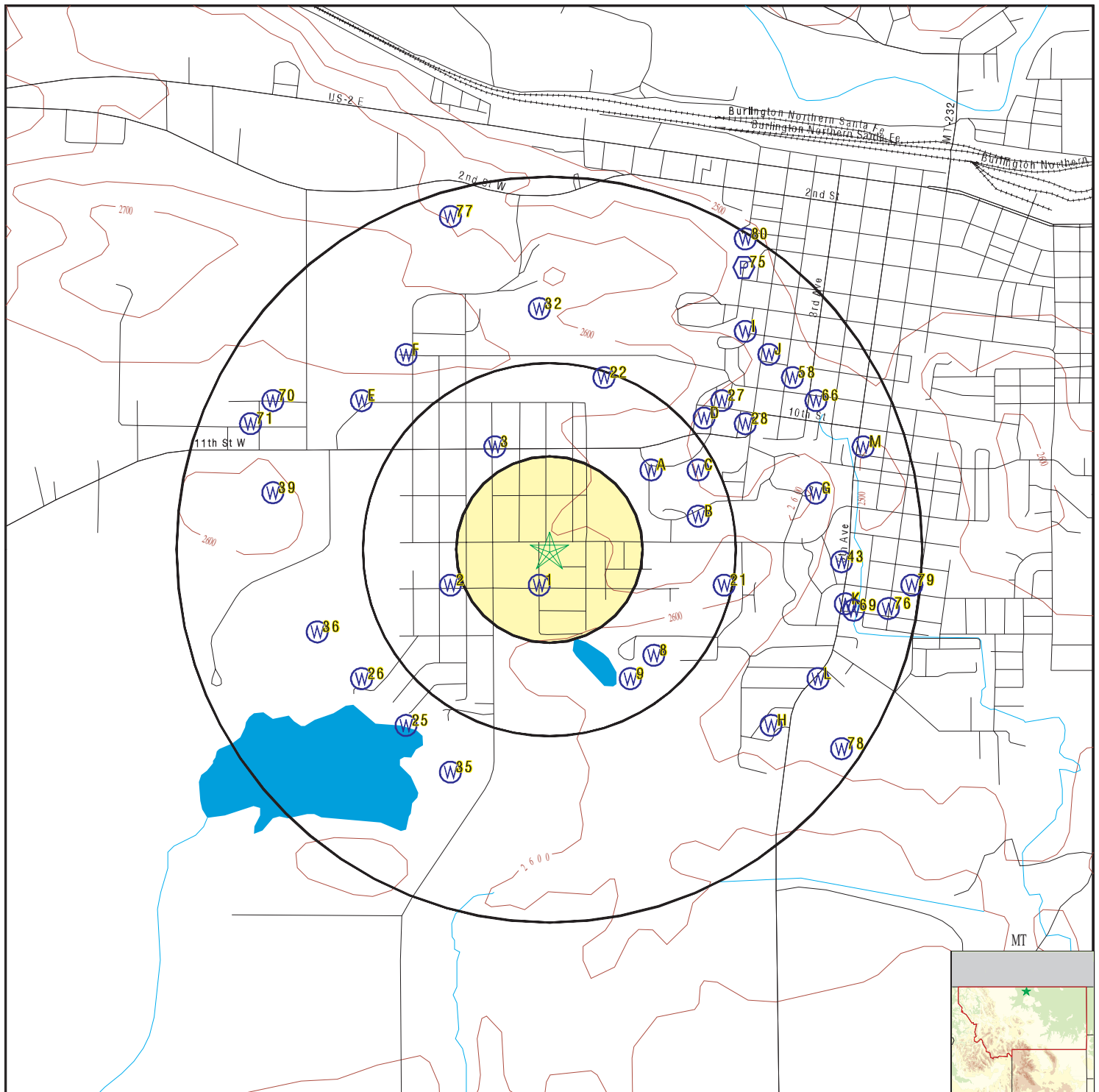
### STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
I45	MTG600000170600	1/2 - 1 Mile NE
I46	MTG600000170603	1/2 - 1 Mile NE
I47	MTG600000170602	1/2 - 1 Mile NE
J48	MTG600000170645	1/2 - 1 Mile NE
J49	MTG600000170646	1/2 - 1 Mile NE
J50	MTG600000170642	1/2 - 1 Mile NE
J51	MTG600000170643	1/2 - 1 Mile NE
J52	MTG600000170644	1/2 - 1 Mile NE
J53	MTG600000170640	1/2 - 1 Mile NE
J54	MTG600000170641	1/2 - 1 Mile NE
K55	MTD600000000626	1/2 - 1 Mile East
K56	MTG600000170731	1/2 - 1 Mile East
K57	MTG600000170725	1/2 - 1 Mile East
58	MTG600000170671	1/2 - 1 Mile NE
L59	MTG600000170706	1/2 - 1 Mile ESE
L60	MTG600000170707	1/2 - 1 Mile ESE
K61	MTG600000170736	1/2 - 1 Mile East
K62	MTG600000170740	1/2 - 1 Mile ESE
K63	MTG600000170742	1/2 - 1 Mile East
K64	MTG600000170741	1/2 - 1 Mile ESE
K65	MTG600000170743	1/2 - 1 Mile East
66	MTG600000170691	1/2 - 1 Mile ENE
K67	MTG600000170744	1/2 - 1 Mile ESE
K68	MTG600000170745	1/2 - 1 Mile East
69	MTG600000170747	1/2 - 1 Mile ESE
70	MTG600000170276	1/2 - 1 Mile WNW
71	MTG600000170258	1/2 - 1 Mile WNW
M72	MTG600000170754	1/2 - 1 Mile ENE
M73	MTG600000170755	1/2 - 1 Mile ENE
M74	MTG600000170756	1/2 - 1 Mile ENE
76	MTG600000170790	1/2 - 1 Mile East
77	MTG600000170392	1/2 - 1 Mile NNW
78	MTG600000170734	1/2 - 1 Mile SE
79	MTG600000170841	1/2 - 1 Mile East
80	MTG600000170605	1/2 - 1 Mile NNE



# PHYSICAL SETTING SOURCE MAP - 6173969.2s

Highland Manor Environmental Review  
Appendix I 99



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Oil, gas or related wells

SITE NAME: Highland Manor Apartments  
ADDRESS: 1325 Jefferson Ave  
Havre MT 59501  
LAT/LONG: 48.539046 / 109.69517

CLIENT: NewFields  
CONTACT: Christin Hileman  
INQUIRY #: 6173969.2s  
DATE: August 31, 2020 9:40 am



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**1**  
**SSW**  
**0 - 1/8 Mile**  
**Higher**

Database: Montana Groundwater Information Center Water Well Data (GWIC) Database  
PWS ID: Not Reported GWSI ID: Not Reported  
Water Right #: Not Reported Well/Site Name: LDS CHURCH HAVRE  
Well Type: WELL Total Depth (ft): 201  
Pumping Depth to Water: 0 Non-pumping Depth to Water: 0  
Recovery Water Level: 0 Yield (gal/mn): 0  
Test Type: Not Reported Test Duration (h): 0  
Recovery Time (h): 0 Distance to Drill Stem: 0  
Driller: HI-LINE DRILLING INC License #: WWC345  
Completion Date: 20-SEP-11 Data Source: LOG  
Water Quality Data: N Hydrograph Data: N

**2**  
**WSW**  
**1/4 - 1/2 Mile**  
**Higher**

Database: Montana Groundwater Information Center Water Well Data (GWIC) Database  
PWS ID: Not Reported GWSI ID: Not Reported  
Water Right #: Not Reported Well/Site Name: DAVIDSON NOEL R.  
Well Type: WELL Total Depth (ft): 185  
Pumping Depth to Water: 0 Non-pumping Depth to Water: 0  
Recovery Water Level: 0 Yield (gal/mn): 45  
Test Type: OTHER Test Duration (h): 0  
Recovery Time (h): 0 Distance to Drill Stem: 0  
Driller: Not Reported License #: Not Reported  
Completion Date: 01-JAN-16 Data Source: Not Reported  
Water Quality Data: N Hydrograph Data: N

**3**  
**NNW**  
**1/4 - 1/2 Mile**  
**Higher**

Database: Montana Groundwater Information Center Water Well Data (GWIC) Database  
PWS ID: Not Reported GWSI ID: Not Reported  
Water Right #: Not Reported Well/Site Name: WATTAM E.D.  
Well Type: WELL Total Depth (ft): 189  
Pumping Depth to Water: 0 Non-pumping Depth to Water: 170  
Recovery Water Level: 0 Yield (gal/mn): 19  
Test Type: OTHER Test Duration (h): 0  
Recovery Time (h): 0 Distance to Drill Stem: 0  
Driller: Not Reported License #: Not Reported  
Completion Date: 01-JAN-59 Data Source: Not Reported  
Water Quality Data: N Hydrograph Data: N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A4**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170505**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	C30005160	Well/Site Name:	MSU-NORTHERN PHYSICAL PLANT *MW 2
Well Type:	WELL	Total Depth (ft):	147
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	200
Test Type:	AIR	Test Duration (h):	8
Recovery Time (h):	1	Distance to Drill Stem:	145
Driller:	BOLAND DRILLING	License #:	WWC535
Completion Date:	29-NOV-02	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**A5**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170506**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	C30005160	Well/Site Name:	MSU-NORTHERN PHYSICAL PLANT *MW 1
Well Type:	WELL	Total Depth (ft):	163
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	405
Test Type:	PUMP	Test Duration (h):	20
Recovery Time (h):	3	Distance to Drill Stem:	153
Driller:	BOLAND DRILLING	License #:	WWC535
Completion Date:	29-NOV-02	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**A6**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170507**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	MSU-NORTHERN , PHYSICAL PLANT
Well Type:	WELL	Total Depth (ft):	148
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	200
Test Type:	AIR	Test Duration (h):	8
Recovery Time (h):	1	Distance to Drill Stem:	0
Driller:	BOLAND DRILLING	License #:	WWC535
Completion Date:	29-NOV-02	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**A7**  
**NE**  
**1/4 - 1/2 Mile**  
**Lower****MT WELLS MTG600000170508**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	C30005160	Well/Site Name:	MSU-NORTHERN PHYSICAL PLANT
Well Type:	WELL	Total Depth (ft):	160
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	PUMP	Test Duration (h):	20
Recovery Time (h):	3	Distance to Drill Stem:	0
Driller:	BOLAND DRILLING	License #:	WWC535
Completion Date:	29-NOV-02	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**8**  
**SE**  
**1/4 - 1/2 Mile**  
**Lower****MT WELLS MTG600000170511**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	KLEIH JOLENE AND STEVE
Well Type:	WELL	Total Depth (ft):	207
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	33
Test Type:	PUMP	Test Duration (h):	2
Recovery Time (h):	20	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC345
Completion Date:	27-OCT-01	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**9**  
**SSE**  
**1/4 - 1/2 Mile**  
**Lower****MT WELLS MTG600000170491**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	FALTRINO LOUIS J
Well Type:	WELL	Total Depth (ft):	205
Pumping Depth to Water:	0	Non-pumping Depth to Water:	110
Recovery Water Level:	0	Yield (gal/mn):	18
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	15-MAY-46	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**B10**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS      MTG600000170548**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	149
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	150
Test Type:	AIR	Test Duration (h):	1
Recovery Time (h):	0	Distance to Drill Stem:	148
Driller:	HI-LINE DRILLING INC	License #:	WWC46
Completion Date:	26-SEP-84	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**B11**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS      MTG600000170549**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	MSU-NORTHERN
Well Type:	WELL	Total Depth (ft):	157
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	300
Test Type:	AIR	Test Duration (h):	4
Recovery Time (h):	0	Distance to Drill Stem:	147
Driller:	HI-LINE DRILLING INC	License #:	WWC345
Completion Date:	29-JUN-04	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**B12**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS      MTG600000170550**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	MSU-NORTHERN
Well Type:	WELL	Total Depth (ft):	164
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	500
Test Type:	AIR	Test Duration (h):	4
Recovery Time (h):	0	Distance to Drill Stem:	164
Driller:	HI-LINE DRILLING INC	License #:	WWC345
Completion Date:	29-JUN-04	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**C13**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170554**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**C14**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170553**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**C15**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170552**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**C16**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170555**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**C17**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170558**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**C18**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170559**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**C19**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170556**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**C20**  
**ENE**  
**1/4 - 1/2 Mile**  
**Lower**

**MT WELLS MTG600000170557**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**21**  
**ESE**  
**1/4 - 1/2 Mile**  
**Higher**

**MT WELLS MTG600000170587**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA HOSPITAL
Well Type:	WELL	Total Depth (ft):	212
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	80
Test Type:	PUMP	Test Duration (h):	2
Recovery Time (h):	.33	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC345
Completion Date:	22-JUN-00	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**22****NNE****1/4 - 1/2 Mile****Higher****MT WELLS****MTG600000170475**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	HILL CO CEMETERY DIST.
Well Type:	WELL	Total Depth (ft):	0
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	33
Test Type:	PUMP	Test Duration (h):	72
Recovery Time (h):	4	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC345
Completion Date:	12-MAY-08	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**D23****NE****1/2 - 1 Mile****Lower****MT WELLS****MTG600000170551**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	CITY OF HAVRE
Well Type:	WELL	Total Depth (ft):	107
Pumping Depth to Water:	0	Non-pumping Depth to Water:	67
Recovery Water Level:	0	Yield (gal/mn):	550
Test Type:	PUMP	Test Duration (h):	9
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	SIMPSON	License #:	WWC15
Completion Date:	13-MAR-74	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**D24****NE****1/2 - 1 Mile****Lower****MT WELLS****MTG600000170570**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	HAVRE * WELL #5 NMC
Well Type:	WELL	Total Depth (ft):	88
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	Not Reported	Data Source:	QW
Water Quality Data:	Y	Hydrograph Data:	N



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**25**  
**SW**  
**1/2 - 1 Mile**  
**Higher****MT WELLS MTG600000170359**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	FELTON DONALD AND CLARA
Well Type:	WELL	Total Depth (ft):	206
Pumping Depth to Water:	140	Non-pumping Depth to Water:	130
Recovery Water Level:	0	Yield (gal/mn):	16
Test Type:	PUMP	Test Duration (h):	12
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC46
Completion Date:	05-AUG-68	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**26**  
**SW**  
**1/2 - 1 Mile**  
**Higher****MT WELLS MTG600000170325**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SMITH MARVIN
Well Type:	WELL	Total Depth (ft):	129
Pumping Depth to Water:	55	Non-pumping Depth to Water:	43
Recovery Water Level:	0	Yield (gal/mn):	10
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	08-SEP-62	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**27**  
**NE**  
**1/2 - 1 Mile**  
**Lower****MT WELLS MTG600000170583**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	HINRICHS F F
Well Type:	WELL	Total Depth (ft):	120
Pumping Depth to Water:	0	Non-pumping Depth to Water:	40
Recovery Water Level:	0	Yield (gal/mn):	25
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-16	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**28**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170604**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NOVA CONSULTING
Well Type:	WELL	Total Depth (ft):	21
Pumping Depth to Water:	0	Non-pumping Depth to Water:	16
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	ATLATL INC.	License #:	MWC386
Completion Date:	22-OCT-08	Data Source:	DRILLERWEB
Water Quality Data:	N	Hydrograph Data:	N

**E29**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**MT WELLS MTG600000170328**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	HAVRE MIDDLE SCHOOL DISTRICT 16A
Well Type:	WELL	Total Depth (ft):	184
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC345
Completion Date:	29-JUN-02	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**E30**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**MT WELLS MTG600000170326**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	HAVRE JUNIOR HIGH SCHOOL
Well Type:	WELL	Total Depth (ft):	194
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC46
Completion Date:	21-SEP-83	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**E31**  
**NW**  
**1/2 - 1 Mile**  
**Higher****MT WELLS MTG600000170327**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	HAVRE JUNIOR HIGH SCHOOL *WELL 1
Well Type:	WELL	Total Depth (ft):	190
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	JACOBSON DRILLING	License #:	WWC190
Completion Date:	13-AUG-83	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**32**  
**North**  
**1/2 - 1 Mile**  
**Higher****MT WELLS MTG600000170430**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHEPPARD LARRY M
Well Type:	WELL	Total Depth (ft):	123
Pumping Depth to Water:	110	Non-pumping Depth to Water:	94
Recovery Water Level:	0	Yield (gal/mn):	10
Test Type:	BAILER	Test Duration (h):	8
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC46
Completion Date:	27-APR-64	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**F33**  
**NW**  
**1/2 - 1 Mile**  
**Higher****MT WELLS MTG600000170360**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	DANIEL WILLIAM I
Well Type:	WELL	Total Depth (ft):	168
Pumping Depth to Water:	112	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	15
Test Type:	BAILER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HANBERG	License #:	WWC6
Completion Date:	09-JUL-60	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**F34**  
**NW**  
**1/2 - 1 Mile**  
**Higher**

**MT WELLS MTG600000170361**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	ZAVAS DAVID
Well Type:	WELL	Total Depth (ft):	160
Pumping Depth to Water:	130	Non-pumping Depth to Water:	85
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	BAILER	Test Duration (h):	2
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	SIMPSON	License #:	WWC15
Completion Date:	12-NOV-76	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**35**  
**SSW**  
**1/2 - 1 Mile**  
**Higher**

**MT WELLS MTG600000170390**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	GAUER JOHN F
Well Type:	WELL	Total Depth (ft):	99
Pumping Depth to Water:	84	Non-pumping Depth to Water:	77
Recovery Water Level:	0	Yield (gal/mn):	20
Test Type:	BAILER	Test Duration (h):	4
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	TOWNSEND	License #:	Not Reported
Completion Date:	19-AUG-59	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**36**  
**WSW**  
**1/2 - 1 Mile**  
**Higher**

**MT WELLS MTG600000170307**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	WILLIAMS CHARLES
Well Type:	WELL	Total Depth (ft):	254
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	TOWNSEND	License #:	WWC21
Completion Date:	29-AUG-59	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**G37**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**MT WELLS MTG600000170689**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	JONES GEORGE
Well Type:	WELL	Total Depth (ft):	0
Pumping Depth to Water:	0	Non-pumping Depth to Water:	114
Recovery Water Level:	0	Yield (gal/mn):	15
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-41	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**G38**  
**ENE**  
**1/2 - 1 Mile**  
**Higher**

**MT WELLS MTG600000170690**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	FILLER EDDIE M
Well Type:	WELL	Total Depth (ft):	115
Pumping Depth to Water:	0	Non-pumping Depth to Water:	70
Recovery Water Level:	0	Yield (gal/mn):	25
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-37	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**39**  
**WNW**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170275**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NAULT RAY
Well Type:	WELL	Total Depth (ft):	180
Pumping Depth to Water:	0	Non-pumping Depth to Water:	180
Recovery Water Level:	0	Yield (gal/mn):	20
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-OCT-49	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**H40**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170654**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	STEIN, DONALD R. AND KAREN
Well Type:	WELL	Total Depth (ft):	234
Pumping Depth to Water:	230	Non-pumping Depth to Water:	130
Recovery Water Level:	0	Yield (gal/mn):	8
Test Type:	BAILER	Test Duration (h):	1
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	WARBURTON	License #:	WWC31
Completion Date:	04-NOV-77	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**H41**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170655**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SLABY CYRIL EDMUND
Well Type:	WELL	Total Depth (ft):	0
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	10
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-MAY-56	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**H42**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170656**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	WARWICK W JAS
Well Type:	WELL	Total Depth (ft):	104
Pumping Depth to Water:	0	Non-pumping Depth to Water:	104
Recovery Water Level:	0	Yield (gal/mn):	20
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-AUG-45	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**43**  
**East**  
**1/2 - 1 Mile**  
**Lower****MT WELLS MTG600000170735**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	BLAIR HAROLD A
Well Type:	WELL	Total Depth (ft):	110
Pumping Depth to Water:	0	Non-pumping Depth to Water:	20
Recovery Water Level:	0	Yield (gal/mn):	20
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-45	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**I44**  
**NE**  
**1/2 - 1 Mile**  
**Lower****MT WELLS MTG600000170601**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	TIRERAMA
Well Type:	WELL	Total Depth (ft):	20
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HANSEN ENVIRONMENTAL DRILLING		
License #:	MWC230	Completion Date:	06-OCT-10
Data Source:	LOG	Water Quality Data:	N
Hydrograph Data:	N		

**I45**  
**NE**  
**1/2 - 1 Mile**  
**Lower****MT WELLS MTG600000170600**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	TIRERAMA
Well Type:	WELL	Total Depth (ft):	20
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HANSEN ENVIRONMENTAL DRILLING		
License #:	MWC230	Completion Date:	06-OCT-10
Data Source:	LOG	Water Quality Data:	N
Hydrograph Data:	N		



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**I46**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170603**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	TIRERAMA
Well Type:	WELL	Total Depth (ft):	20
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HANSEN ENVIRONMENTAL DRILLING		
License #:	MWC230	Completion Date:	06-OCT-10
Data Source:	LOG	Water Quality Data:	N
Hydrograph Data:	N		

**I47**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170602**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	TIRERAMA
Well Type:	WELL	Total Depth (ft):	20
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HANSEN ENVIRONMENTAL DRILLING		
License #:	MWC230	Completion Date:	06-OCT-10
Data Source:	LOG	Water Quality Data:	N
Hydrograph Data:	N		

**J48**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170645**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	50
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-19	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**J49**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170646**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	NORTHERN MONTANA COLLEGE
Well Type:	WELL	Total Depth (ft):	112
Pumping Depth to Water:	0	Non-pumping Depth to Water:	75
Recovery Water Level:	0	Yield (gal/mn):	50
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-54	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**J50**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170642**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	GOLIE EDWARD M AND HALLIE
Well Type:	WELL	Total Depth (ft):	106
Pumping Depth to Water:	0	Non-pumping Depth to Water:	30
Recovery Water Level:	0	Yield (gal/mn):	6
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-44	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**J51**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170643**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	WATKINS WILBUR
Well Type:	WELL	Total Depth (ft):	99
Pumping Depth to Water:	25	Non-pumping Depth to Water:	13
Recovery Water Level:	0	Yield (gal/mn):	5
Test Type:	BAILER	Test Duration (h):	2
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	SIMPSON	License #:	WWC15
Completion Date:	22-MAY-62	Data Source:	GW2
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**J52**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170644**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	ROWE GARY
Well Type:	WELL	Total Depth (ft):	43
Pumping Depth to Water:	25	Non-pumping Depth to Water:	10
Recovery Water Level:	0	Yield (gal/mn):	10
Test Type:	BAILER	Test Duration (h):	2
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	SIMPSON	License #:	WWC15
Completion Date:	18-JUL-76	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**J53**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170640**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	CONLEY WILMA L
Well Type:	WELL	Total Depth (ft):	0
Pumping Depth to Water:	0	Non-pumping Depth to Water:	70
Recovery Water Level:	0	Yield (gal/mn):	5
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-48	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**J54**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170641**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	HOVEE STANLEY
Well Type:	WELL	Total Depth (ft):	70
Pumping Depth to Water:	0	Non-pumping Depth to Water:	45
Recovery Water Level:	0	Yield (gal/mn):	15
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-61	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**K55**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTD60000000626**

Database:	Montana Public Water Supply Well Location (DEQ)		
PWS ID:	MT0003347	Primary Name:	MELS FOOD STORE HAVRE
Water Class:	Non-Community, AKA Transient	Well Status:	Inactive
Water Source:	Havre, City of	Source Status:	Inactive

**K56**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170731**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	BOLAND DRILLING	License #:	MWC439
Completion Date:	20-OCT-11	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**K57**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170725**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	BOLAND DRILLING	License #:	MWC439
Completion Date:	20-OCT-11	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**58**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170671**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	C058243-00	Well/Site Name:	FREIER, ROBERT/ANDERSON, BOB
Well Type:	WELL	Total Depth (ft):	95
Pumping Depth to Water:	65	Non-pumping Depth to Water:	63



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Recovery Water Level:	0	Yield (gal/mn):	30
Test Type:	PUMP	Test Duration (h):	4
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC345
Completion Date:	18-MAR-85	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**L59**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS      MTG600000170706**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	CASSEL W W
Well Type:	WELL	Total Depth (ft):	128
Pumping Depth to Water:	48	Non-pumping Depth to Water:	43
Recovery Water Level:	0	Yield (gal/mn):	50
Test Type:	PUMP	Test Duration (h):	7
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	JACOBSON DRILLING	License #:	WWC15
Completion Date:	22-FEB-68	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**L60**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS      MTG600000170707**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	WELTE FRANCES
Well Type:	WELL	Total Depth (ft):	113
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	139
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	08-AUG-51	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**K61**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS      MTG600000170736**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	1
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	1.5	Distance to Drill Stem:	0
Driller:	BOLAND DRILLING	License #:	MWC439
Completion Date:	17-OCT-11	Data Source:	LOG



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Water Quality Data: N

Hydrograph Data: N

**K62**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170740**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	BAILER	Test Duration (h):	1
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	AMEC GEOMATRIX INC	License #:	MWC440
Completion Date:	27-SEP-10	Data Source:	DRILLERWEB
Water Quality Data:	N	Hydrograph Data:	N

**K63**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170742**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	BAILER	Test Duration (h):	1
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	AMEC GEOMATRIX INC	License #:	MWC440
Completion Date:	27-SEP-10	Data Source:	DRILLERWEB
Water Quality Data:	N	Hydrograph Data:	N

**K64**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170741**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	BOLAND DRILLING	License #:	MWC439
Completion Date:	18-OCT-11	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**K65**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170743**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	BOLAND DRILLING	License #:	MWC439
Completion Date:	21-OCT-11	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**66**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170691**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	ELNES HELEN E
Well Type:	WELL	Total Depth (ft):	103
Pumping Depth to Water:	0	Non-pumping Depth to Water:	34
Recovery Water Level:	0	Yield (gal/mn):	13
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	15-JUN-42	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**K67**  
**ESE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170744**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	BAILER	Test Duration (h):	1
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	AMEC GEOMATRIX INC	License #:	MWC440
Completion Date:	23-SEP-10	Data Source:	DRILLERWEB
Water Quality Data:	N	Hydrograph Data:	N



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**K68**  
**East**  
**1/2 - 1 Mile**  
**Lower****MT WELLS MTG600000170745**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	30
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	AMEC GEOMATRIX INC	License #:	MWC440
Completion Date:	23-SEP-10	Data Source:	DRILLERWEB
Water Quality Data:	N	Hydrograph Data:	N

**69**  
**ESE**  
**1/2 - 1 Mile**  
**Lower****MT WELLS MTG600000170747**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHORT STOP
Well Type:	WELL	Total Depth (ft):	25
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	Not Reported	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	BOLAND DRILLING	License #:	MWC439
Completion Date:	18-OCT-11	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**70**  
**WNW**  
**1/2 - 1 Mile**  
**Higher****MT WELLS MTG600000170276**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported		
Well/Site Name:	MSCA *HILL COUNTY FAIRGROUNDS *HI-43 *HOLE 33		
Well Type:	WELL	Total Depth (ft):	48
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	MT SALINITY	License #:	Not Reported
Completion Date:	09-JUL-90	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N



**GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS**Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**71****WNW****1/2 - 1 Mile****Higher****MT WELLS****MTG600000170258**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	SHEPARD KENT
Well Type:	WELL	Total Depth (ft):	175
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	30
Test Type:	PUMP	Test Duration (h):	1
Recovery Time (h):	1	Distance to Drill Stem:	0
Driller:	HI-LINE DRILLING INC	License #:	WWC345
Completion Date:	08-MAY-09	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**M72****ENE****1/2 - 1 Mile****Lower****MT WELLS****MTG600000170754**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	ROUSH ROBERT A
Well Type:	WELL	Total Depth (ft):	110
Pumping Depth to Water:	0	Non-pumping Depth to Water:	40
Recovery Water Level:	0	Yield (gal/mn):	1
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-AUG-44	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N

**M73****ENE****1/2 - 1 Mile****Lower****MT WELLS****MTG600000170755**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	HINRICHS R R
Well Type:	WELL	Total Depth (ft):	101
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	25
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-JAN-43	Data Source:	GW4
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database EDR ID Number

**M74**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170756**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	WARWICK VANCE T AND HELEN M
Well Type:	WELL	Total Depth (ft):	104
Pumping Depth to Water:	0	Non-pumping Depth to Water:	49
Recovery Water Level:	0	Yield (gal/mn):	14
Test Type:	BAILER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	MCCUTCHEON	License #:	Not Reported
Completion Date:	01-AUG-45	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**75**  
**NE**  
**1/2 - 1 Mile**  
**Lower**

**FRDS PWS MT0001275**

Epa region:	08	State:	MT
Pwsid:	MT0001275	Pwsname:	KOA OF HAVRE
Cityserved:	Not Reported	Stateserved:	MT
Zipserved:	Not Reported	Fipscounty:	30005
Status:	Closed	Retpopsrvt:	50
Pwssvconn:	0	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	unknown
Contact:	KOA OF HAVRE	Contactorgname:	Not Reported
Contactphone:	Not Reported	Contactaddress1:	Not Reported
Contactaddress2:	BOX KOA	Contactcity:	HAVRE
Contactstate:	MT	Contactzip:	59501
Pwsactivitycode:	I		
PWS ID:	MT0001275	PWS type:	Not Reported
PWS name:	Not Reported	PWS address:	Not Reported
PWS city:	Not Reported	PWS state:	Not Reported
PWS zip:	Not Reported	PWS ID:	MT0001275
Activity status:	Active	Date system activated:	7706
Date system deactivated:	Not Reported	Retail population:	00000050
System name:	KOA OF HAVRE	System address:	Not Reported
System address:	BOX KOA	System city:	HAVRE
System state:	MT	System zip:	59501
Population served:	Under 101 Persons	Treatment:	Untreated
Latitude:	483300	Longitude:	1094059

**76**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS MTG600000170790**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	VASSEUR SELENA D AND A F



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Type:	WELL	Total Depth (ft):	110
Pumping Depth to Water:	0	Non-pumping Depth to Water:	50
Recovery Water Level:	0	Yield (gal/mn):	10
Test Type:	PUMP	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-SEP-48	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**77**  
**NNW**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS      MTG600000170392**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported		
Well/Site Name:	MSCA *HILL COUNTY FAIRGROUNDS *HI-43 *HOLE 8		
Well Type:	WELL	Total Depth (ft):	57
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	0
Test Type:	OTHER	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	MT SALINITY	License #:	Not Reported
Completion Date:	09-JUL-90	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**78**  
**SE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS      MTG600000170734**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	C026638-00	Well/Site Name:	LUTHERAN HOME OF THE GOOD SHEPARD
Well Type:	WELL	Total Depth (ft):	0
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	200
Test Type:	AIR	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	75
Driller:	HI-LINE DRILLING INC	License #:	WWC46
Completion Date:	21-JAN-80	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N

**79**  
**East**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS      MTG600000170841**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	Not Reported	Well/Site Name:	VANDEPETE JAMES JOSEPH
Well Type:	WELL	Total Depth (ft):	110
Pumping Depth to Water:	0	Non-pumping Depth to Water:	20
Recovery Water Level:	0	Yield (gal/mn):	20
Test Type:	OTHER	Test Duration (h):	0



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Recovery Time (h):	0	Distance to Drill Stem:	0
Driller:	Not Reported	License #:	Not Reported
Completion Date:	01-AUG-50	Data Source:	Not Reported
Water Quality Data:	N	Hydrograph Data:	N

**80**  
**NNE**  
**1/2 - 1 Mile**  
**Lower**

**MT WELLS      MTG600000170605**

Database:	Montana Groundwater Information Center Water Well Data (GWIC) Database		
PWS ID:	Not Reported	GWSI ID:	Not Reported
Water Right #:	C058165-00	Well/Site Name:	SCHLIEVE BOB
Well Type:	WELL	Total Depth (ft):	83
Pumping Depth to Water:	0	Non-pumping Depth to Water:	0
Recovery Water Level:	0	Yield (gal/mn):	100
Test Type:	AIR	Test Duration (h):	0
Recovery Time (h):	0	Distance to Drill Stem:	82
Driller:	HI-LINE DRILLING INC	License #:	WWC46
Completion Date:	09-JUL-85	Data Source:	LOG
Water Quality Data:	N	Hydrograph Data:	N



## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

### AREA RADON INFORMATION

State Database: MT Radon

#### Radon Test Results

Total Meas	Mean	Geom mean	Median	Std Dev	Max	% Sites>4 pCi/L	% Sites>10 pCi/L
9	2.9	2.3	2.7	1.8	6.0	22	0

Federal EPA Radon Zone for HILL 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: 59501

Number of sites tested: 6

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.450 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	2.900 pCi/L	83%	17%	0%



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### TOPOGRAPHIC INFORMATION

#### USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

#### Current USGS 7.5 Minute Topographic Map

Source: U.S. Geological Survey

### HYDROLOGIC INFORMATION

**Flood Zone Data:** This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

#### State Wetlands Data: Wetland and Riparian Framework

Source: Natural Heritage Program

Telephone: 406-444-0915

### HYDROGEOLOGIC INFORMATION

#### AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

### GEOLOGIC INFORMATION

#### Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

#### STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

#### SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.



# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### Montana Public Water Supply Well Locations

Source: Department of Environmental Quality

Telephone: 406-444-3744

#### Montana Groundwater Information Center Water Well Data

Source: Bureau of Mines and Geology

Telephone: 406-444-5358

## OTHER STATE DATABASE INFORMATION

#### Montana Oil/Gas Wells Database

Source: Montana Board of Oil and Gas

Telephone: 406-656-0040

### RADON

#### State Database: MT Radon

Source: Department of Environmental Quality

Telephone: 406-444-6768

Radon Test Results

#### Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

### OTHER

#### Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

#### Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

#### Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey



## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### STREET AND ADDRESS INFORMATION

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Aerial Photographs

  
Bear Paw Development Corporation  
of Northern Montana

# APPENDIX D





## Highland Manor Apartments

1325 Jefferson Ave

Havre, MT 59501

Inquiry Number: 6173969.5

August 31, 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**

08/31/20

**Site Name:**

Highland Manor Apartments  
1325 Jefferson Ave  
Havre, MT 59501  
EDR Inquiry # 6173969.5

**Client Name:**

NewFields  
700 SW Higgins Avenue, Suite 15  
MISSOULA, MT 59803  
Contact: Christin Hileman



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>
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1997	1"=500'	Acquisition Date: September 22, 1997	USGS/DOQQ
1991	1"=750'	Flight Date: August 26, 1991	USGS
1986	1"=500'	Flight Date: June 26, 1986	USGS
1976	1"=500'	Flight Date: August 22, 1976	USGS
1956	1"=750'	Flight Date: August 22, 1956	USGS

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INQUIRY #: 6173969.5

YEAR: 2017

— = 500'







INQUIRY #: 6173969.5

YEAR: 2013

— = 500'







INQUIRY #: 6173969.5

YEAR: 2009

— = 500'







INQUIRY #: 6173969.5

YEAR: 2006

— = 500'







INQUIRY #: 6173969.5

YEAR: 1997

— = 500'







INQUIRY #: 6173969.5

YEAR: 1991

— = 750'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.





INQUIRY #: 6173969.5

YEAR: 1986

— = 500'



Subject boundary not shown because it exceeds image extent or image is not georeferenced.









INQUIRY #: 6173969.5

YEAR: 1956

— = 750'




Subject boundary not shown because it exceeds image extent or image is not georeferenced.





Sanborn Map





Highland Manor Apartments

1325 Jefferson Ave

Havre, MT 59501

Inquiry Number: 6173969.3

August 31, 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

08/31/20

## Site Name:

Highland Manor Apartments  
1325 Jefferson Ave  
Havre, MT 59501  
EDR Inquiry # 6173969.3

## Client Name:

NewFields  
700 SW Higgins Avenue, Suite 15  
MISSOULA, MT 59803  
Contact: Christin Hileman



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by NewFields 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 #** 725A-4720-9E90

**PO #** NA

**Project** 350.0044.005/Phase 02/Task E

## UNMAPPED PROPERTY

This report certifies that the complete holdings of the Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property were not found.



Sanborn® Library search results

Certification #: 725A-4720-9E90

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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Site Photographs

  
Bear Paw Development Corporation  
of Northern Montana

# APPENDIX F





Photo 1. View of subject property building 1 and shed; looking northeast.



Photo 2. View of subject property Building 2, facing east.





Photo 3. View from subject property looking northeast at the on-site playground and neighboring apartment complex.



Photo 4. Drain in storage closet down which bleach and other cleaning supplies are disposed.





Photo 5. Example of ceiling tiles in common areas.



Photo 6. Part of the drainage system used to address the flooding in the easternmost apartments.





Photo 7. Example of linoleum flooring in one apartment unit.



Photo 8. Multiple types of flooring used inside the apartments.





Photo 9. Florescent light in the common area of the subject property.



Photo 10. Types of paint and pesticides stored onsite.





## Site Inspection Field Notes

  
Bear Paw Development Corporation  
of Northern Montana

# APPENDIX G



# NewFields

## PHASE I ESA – SITE RECONNAISSANCE CHECKLIST

Method(s) Used to Observe Property: \_\_\_\_\_

Physical inspection - Lindsay  
Lorane + Christin Helman

Date: 9/9/20

Project Number: 350-0044-005

Project Name: Highland Manor

Address/Location: 1325 Jefferson Haver  
1315 Jefferson Haver

Access/ Observation Limitations: \_\_\_\_\_

Property managers provided  
access - no limitations

NewFields Staff: Lindsay + Christin

Site Manager: LuAnn Brabson

Phone Number: 357-8076

Other Interviewees: \_\_\_\_\_

Item	Observations
<b>I. GENERAL SITE SETTING</b>	
1. Current and Past Use(s): • Property • Surrounding area • Adjoining properties	apartment residential churches
2. Site Topography	mostly flat slight slopes to North and west
3. Site Hydrology • Streams • Springs, seeps • Ponds • Surface water flow direction	
4. Site Geology, Hydrogeology • Sinkholes • Mining activity? • Groundwater occurrence, depth • Outcrops	
5. Structures – General Description • No. buildings • No. stories • Date – orig. construction, renovations • General condition	New roof + rain gutters 2017
6. Site Surface Cover • Vegetation - type • Manmade - type	grass pavement/gravel
7. Roads • Adjoining thoroughfares • Streets, roads, paths – use/outlet/public access • Parking facilities	large central parking lot alley behind eastern building



# NewFields

<i>Item</i>	<i>Observations</i>
8. Potable Water Supply • Source	city
9. Sewage Disposal System • Type • Age	city
<b>II. INTERIOR/EXTERIOR OBSERVATIONS</b>	
1. Aboveground Tanks (ASTs) Check for tank pads, piping evidence of former tanks <u>How Many? For Each:</u> • Location • Contents • Age • Volume (cap.) • Piping/condition? • Condition (check for fixture leakage, ruptures, corrosion, dents, etc.) • Spills/leaks? (check for stained soil, dead vegetation, etc.)	none
2. Underground Tanks, (USTs) Check for vent and fill pipes, pump pads, cover plates, other aboveground access ways <u>How Many? For Each:</u> • Location • Contents • Age • Volume (cap.) • Condition/inspections? • Spills/leaks • Piping/condition? • If closed – closure date, procedure used	none
3. Odors • Describe • Source(s)?	none
4. Pools of Liquids • Type? • Sumps w/liquids	issue w/ ground water - has damaged parking lot, #5N has an interior sump
5. Drums • Location • Contents • Labels • Condition (check for seals, bulges, rusting, proper closure) • Spill control features? • Type • Size/capacity • Leakage?	none
6. Other Containers • Location • Contents • Labels • Storage conditions • Type • Approx. size/quantity • Leakage? • Spill control features?	none standard cleaning solvents + chemicals in storage closets



# NewFields

Item	Observations
<p>7. PCB Items</p> <p>Check electrical, hydraulic equipment, esp. transformers; do not include fluorescent light ballasts</p> <ul style="list-style-type: none"> <li>• Location</li> <li>• Age</li> <li>• Condition</li> <li>• Type</li> <li>• Labels/ID Nos.?</li> <li>• Leakage?</li> </ul>	<p>numerous flouresant lights in hallways</p> <p>2 transformers no leakage noted</p>
<b>III. INTERIOR OBSERVATIONS</b>	
<p>1. Heating/Cooling system</p> <ul style="list-style-type: none"> <li>• Type</li> <li>• Fuel source</li> <li>• Boiler room - none</li> <li>• Exhaust(s)</li> </ul>	<p>window air conditioning units - no central air</p> <p>electric baseboard heat</p>
<p>2. Stains/Corrosion</p> <ul style="list-style-type: none"> <li>• Floors</li> <li>• Walls</li> <li>• Ceilings</li> <li>• Sources?</li> </ul>	<p>very minimal - carpet stains</p>
<p>3. Drains/Sumps</p> <ul style="list-style-type: none"> <li>• Where go?</li> </ul>	<p>4 drains Outside door North building - laundry room</p> <p>2nd floor storage - bleach/cleaning - TO street</p> <p>laundry room, bottom floor storage closet</p> <p>center parking lots</p> <p>South Building</p>
<p>4. Flooring Material</p>	<p>no popcorn</p> <p>7-8 types of vinyl, ceilings</p> <p>2-3 types of ceiling/wall texture</p>
<p>5. Insulation Type</p> <p>(If asbestos - see optional asbestos section at end of checklist)</p>	<p>unknown</p>
<p>6. Process Equipment</p> <p>Check For:</p> <ul style="list-style-type: none"> <li>• Paint booths?</li> <li>• Dip tanks?</li> <li>• Sanding?</li> <li>• Cleaning units/degreasers?</li> <li>• Plating?</li> </ul>	<p>none</p>
<b>IV. EXTERIOR OBSERVATIONS</b>	
<p>1. Pits, Ponds, Lagoons</p> <ul style="list-style-type: none"> <li>• Location</li> <li>• Age</li> <li>• Type of const.</li> <li>• What used for/contents</li> <li>• Size</li> <li>• General condition</li> <li>• Pollution control?</li> <li>• Discharge? To what?</li> <li>• Monitoring? (If wells - note number, location, depth, condition)</li> <li>• Any leaks, seeps spill evidence?</li> </ul>	<p>none</p>
<p>2. Stained Soil, Pavement</p> <ul style="list-style-type: none"> <li>• Describe</li> <li>• Sources?</li> </ul>	<p>none</p>
<p>3. Stressed Vegetation</p> <ul style="list-style-type: none"> <li>• Describe</li> <li>• Use of herbicides? Pesticides?</li> <li>• Location</li> </ul>	<p>none</p> <p>weed + feed on lawns.</p>

#12N - suspected meth use



# NewFields

Item	Observations
<ul style="list-style-type: none"> <li>Amount/frequency of application</li> <li>Who applied</li> </ul>	
4. Solid Waste Disposal – Landfills, Waste Piles (incinerators) <ul style="list-style-type: none"> <li>Check for fills, mounds, depressions, ash/burnt areas, construction debris</li> <li>Off site disposal – dumpsters? Contractor name?</li> </ul>	no-large garbage cans
<ul style="list-style-type: none"> <li>For Each On-Site Waste Disposal Area Facility:               <ul style="list-style-type: none"> <li>Location</li> <li>Size</li> <li>Age</li> <li>Type of construction</li> <li>General condition</li> <li>Discharge? To what?</li> <li>Pollution control?</li> <li>Monitoring? (If wells – note location, number, depth, condition)</li> <li>Any leaks, seeps, spills evidence?</li> </ul> </li> </ul>	city disposal dumpsters on site
5. Wastewaters/Stormwaters <ul style="list-style-type: none"> <li>Discharge to drains? Ditches? Streams?</li> <li>Manholes?</li> <li>Oil/water separators?</li> <li>Wastewater treatment? What kind? If sludge generated, where disposed?</li> </ul>	exterior drain pipe/bump?
6. Wells – Dry Wells, Water Wells, Irrigation, injection, Oil and Gas, Monitoring, Abandoned <ul style="list-style-type: none"> <li>Type</li> <li>Location</li> <li>Condition</li> </ul>	none
7. On site Septic System – Tanks, Cesspools <ul style="list-style-type: none"> <li>Type</li> <li>Condition</li> </ul>	none
8. Pipelines <ul style="list-style-type: none"> <li>General location</li> <li>Type (substances carried)</li> <li>Age</li> <li>Construction</li> <li>Depth</li> <li>Size</li> <li>Leakage? Tests?</li> </ul>	none
9. Air Emissions <ul style="list-style-type: none"> <li>Exhausts</li> <li>Stacks</li> <li>Vents</li> <li>Incinerators</li> <li>Air pollution control equipment (baghouses, cyclones, etc.)</li> <li>Sources, emissions?</li> </ul>	none
<b>V. QUESTIONS – HELPFUL DOCUMENTS, LEGAL PROCEEDINGS</b>	
1. Site Plans 2. Aerials 3. ESA Reports 4. Environmental Audit Reports 5. Environmental Permits (e.g., solid waste, haz. Waste, NPDES, air, wastewater, pretreatment, UIC) <ul style="list-style-type: none"> <li>Type</li> <li>Status</li> </ul> 6. UST/AST Registrations	





<i>Item</i>	<i>Observations</i>
7. UST/AST Inspections 8. UST/AST Inventory Reports 9. MSDS Sheets 10. Community Right to Know Plan 11. Safety, SPCC Plans 12. Spill Reports 13. Fire Dept. hazardous Use Permits/Inspections 14. Pipeline Inspection Reports 15. Hazardous Waste Generator, Notification or Reports 16. Hazardous Waste Manifests/Solid Waste Disposal Documentation 17. Hydrogeologic Reports 18. Geotechnical Studies 19. Correspondence RE: Violations or Env. Liens 20. Knowledge of Any Pending, Threatened, or Past Litigation, Administrative Proceedings, or Notices of Possible Env. Liability?	
<b>VI. SKETCH MAP</b>	
<b>OPTION – ASBESTOS – Preliminary Survey</b> <ul style="list-style-type: none"> <li>• Asbestos in construction materials?</li> <li>• Age of construction/renovation(s)?</li> <li>• Any asbestos survey conduction? Results?</li> <li>• Visual Indications of ACM:               <ul style="list-style-type: none"> <li>○ Insulation – pipes, etc.</li> <li>○ Floor Tiles (esp. 9"x9")</li> <li>○ Spray-on material – ceilings</li> <li>○ Others</li> </ul> </li> </ul>	





## Questionnaires

  
Bear Paw Development Corporation  
of Northern Montana

# APPENDIX H



## ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

### Property Owner/Representative or Facility Manager

**Subject Property:** Highland Manor Apartments

**Project:** Phase I Environmental Site Assessment

**Introduction:** The following questionnaire has been prepared in accordance with the U.S. EPA All Appropriate Inquiries (AAI) Final Rule and ASTM International (ASTM) Standard E1527-13, Standard Practice for Environmental Site Assessments, adopted by the ASTM as part of the Phase I Environmental Site Assessment standard process.

**Questionnaire Purpose:** NewFields Companies, LLC (NewFields) has been retained to conduct an environmental site assessment of the subject property. The purpose of the assessment is to evaluate the property for evidence of hazardous waste or hazardous material releases to the environment. As the property owner, owner's representative, or current or past lessee/tenant, your input in the assessment is requested to collect information that is not found in the public record or is not visually apparent. Please answer the following questions by circling the appropriate response. If an employee has better knowledge of property history related to hazardous waste or hazardous material releases, please have him or her complete a copy of the questionnaire by circling the appropriate answer to each of the following questions. The completed questionnaire should be signed by the preparer and returned to NewFields. You may send the completed questionnaire to:

NewFields Companies, LLC  
700 SW Higgins Avenue Suite 108  
Missoula, Montana 59803  
Fax: (406) 549-8277

### QUESTIONNAIRE PART I: ESA BACKGROUND INFORMATION

**A. Please provide current and historical addresses for the subject property:**

1315 Jefferson Ave, Havre, MT 59501

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**B. Please provide a brief chronology of the subject property ownership and history:**

This property has been owned and was built by Melvin Shulund. Melvin died August of 2019 and the property was inherited by his sons, Jeff Shulund, Kurt, Dustin Shulund and his wife Donna owns a share as well.

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

**QUESTIONNAIRE PART II: ENVIRONMENTAL QUESTIONS**

**A.** To your knowledge, is the subject property and/or adjoining property used or have/has been used in the past in the following manner:

1. Any industrial use
2. Gasoline station
3. Motor or equipment repair facility
4. Commercial printing facility
5. Dry cleaners
6. Photo developing laboratory
7. Junkyard or landfill
8. A waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

☐ Yes (Circle all that apply)      ☒ No      ☐ Unknown

Comments:

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**B.** Are there currently or have there been in the past any of the following materials stored at, used at, or brought onto the subject property or facility and/or adjoining property or facility (if applicable, identify which):

1. Automotive or industrial batteries
2. Pesticides
3. Paint
4. Other chemicals
5. Fill dirt originated from a contaminated site or of an unknown origin (if applicable, identify which)?

☒ Yes (Circle all that apply)      ☐ No  
☐ Unknown

Comments:

Paint

Pesticides

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

C. Are there currently or have there been in the past any of the following features located on the property and/or adjoining property:

1. Pits
2. Lagoons or ponds
3. Clarifiers or sumps
4. Stained soil
5. Registered or unregistered storage tanks (above or underground) (if applicable, identify which)?

☐ Yes (Circle all that apply)      X ☒ No      ☐ Unknown

Comments:

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D. To your knowledge, are there currently or have there been in the past any of the following objects or evidence located on the property or adjacent to any structure located on the property and/or adjoining property:

1. Vent pipes
2. Fill pipes
3. Access ways indicating a fill pipe protruding from the ground
4. Leaks, spill, or staining by substances other than water (if applicable, identify which)
5. Foul odors associated with any flooring, drains, walls, ceilings, or exposed ground (if applicable, identify which)?

☐ Yes (Circle all that apply)      X ☒ No      ☐ Unknown

Comments:

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

- E. If the property and/or adjoining property is served by a private well or non-public water system, do you have any knowledge that:**
1. Contaminants have been identified in the well or system that exceed guidelines applicable to the water system
  2. The well has been designated by any government environmental/health agency as being contaminated?

☐ Yes (Circle all that apply)      ☐ No      ☐ Unknown

Comments:

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- F. With respect to the property or any facility located on the property and/or adjoining property, do you have any knowledge of or have you been informed of:**
1. Past or current existence of hazardous substances or petroleum products.
  2. Past or current existence of environmental violations
  3. Any permits, orders, or waste discharge requirements issued by or requested from any environmental regulatory agency in relation to the properties.
  4. Any environmental assessment indicating the presence or contamination of hazardous substances or petroleum products or recommended further assessment
  5. Any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products?

☐ Yes (Circle all that apply)      X ☒ No      ☐ Unknown

Comments:

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

**G. Has the property and/or adjoining property discharged, dumped above grade, buried and/or burned any of the following materials on or adjacent to the property and/or into a storm water or sanitary sewer system (if applicable, identity which):**

1. Wastewater (not including sanitary waste or storm water)
2. Any hazardous substances or petroleum products
3. Unidentified waste materials
4. Tires
5. Automotive or industrial batteries
6. Any other waste materials?

☐ Yes (Circle all that apply)      X ☒ No      ☐ Unknown

Comments:

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**H. Are there or have there been any of the following equipment for which there are any records indicating the presence of polychlorinated biphenyls (PCBs)?**

1. Transformer
2. Capacitor
3. Any hydraulic equipment?

☐ Yes (Circle all that apply)      X ☒ No      ☐ Unknown

Comments:

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

**I. To your knowledge, have any environmental or geotechnical assessments of the property and/or adjoining property been conducted? Please provide the nature and dates of these assessments, if known.**

1. Environmental
2. Geotechnical
3. Other?

☐ Yes (Circle all that apply)      ☒ No      ☐ Unknown

Comments:

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**J. Are you aware of any environmental cleanup liens against the property, governmental orders, consent decrees, cleanup and abatement orders, or lawsuits that are filed or recorded under federal, state, tribal or local law?**

☐ Yes      ☒ No      ☐ Unknown

Comments:

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## ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Property Owner/Representative or Facility Manager

K. Are you aware of any activity or land use limitations, such as engineering controls, land use restrictions or institutional controls, that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)? Please provide the nature and dates of these assessments, if known.

1. Engineering Controls (e.g., engineered cap, subsurface barrier wall, etc.)
2. Land Use Restrictions (e.g., industrial only, no groundwater removal, etc.)
3. Institutional Controls (e.g., deed restrictions, financial assurances, etc.)

☐ Yes (Circle all that apply)      ☒ No      ☐ Unknown

Comments:

This questionnaire was completed by:

Name Brenda Shuhund

Title General Manager

Representing Highland Manor LLC

Address PO Box 4720

City, State, Zip Bozeman, MT 59772

Phone Number 406-399-0753

Signature 

Date 09/09/2020



## ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

### Property Owner/Representative or Facility Manager

**Subject Property:** Highland Manor II Apartments

**Project:** Phase I Environmental Site Assessment

**Introduction:** The following questionnaire has been prepared in accordance with the U.S. EPA All Appropriate Inquiries (AAI) Final Rule and ASTM International (ASTM) Standard E1527-13, Standard Practice for Environmental Site Assessments, adopted by the ASTM as part of the Phase I Environmental Site Assessment standard process.

**Questionnaire Purpose:** NewFields Companies, LLC (NewFields) has been retained to conduct an environmental site assessment of the subject property. The purpose of the assessment is to evaluate the property for evidence of hazardous waste or hazardous material releases to the environment. As the property owner, owner's representative, or current or past lessee/tenant, your input in the assessment is requested to collect information that is not found in the public record or is not visually apparent. Please answer the following questions by circling the appropriate response. If an employee has better knowledge of property history related to hazardous waste or hazardous material releases, please have him or her complete a copy of the questionnaire by circling the appropriate answer to each of the following questions. The completed questionnaire should be signed by the preparer and returned to NewFields. You may send the completed questionnaire to:

NewFields Companies, LLC  
700 SW Higgins Avenue Suite 108  
Missoula, Montana 59803  
Fax: (406) 549-8277

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1325 Jefferson Ave, Havre, MT 59501

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**B. Please provide a brief chronology of the subject property ownership and history:**

This property has been owned and was built by Melvin Shulund, Donna Shulund, Jeff, Kurt and Dustin Shulund. Melvin died August of 2019 and his share was equally divided by his three sons. Donna retains a share as well.

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

**QUESTIONNAIRE PART II: ENVIRONMENTAL QUESTIONS**

**A.** To your knowledge, is the subject property and/or adjoining property used or have/has been used in the past in the following manner:

1. Any industrial use
2. Gasoline station
3. Motor or equipment repair facility
4. Commercial printing facility
5. Dry cleaners
6. Photo developing laboratory
7. Junkyard or landfill
8. A waste treatment, storage, disposal, processing, or recycling facility (if applicable, identify which)?

☐ Yes (Circle all that apply)      ☒ No      ☐ Unknown

Comments:

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**B.** Are there currently or have there been in the past any of the following materials stored at, used at, or brought onto the subject property or facility and/or adjoining property or facility (if applicable, identify which):

1. Automotive or industrial batteries
2. Pesticides
3. Paint
4. Other chemicals
5. Fill dirt originated from a contaminated site or of an unknown origin (if applicable, identify which)?

☒ Yes (Circle all that apply)      ☐ No  
☐ Unknown

Comments:

Paint

Pesticides

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## ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Property Owner/Representative or Facility Manager

C. Are there currently or have there been in the past any of the following features located on the property and/or adjoining property:

1. Pits
2. Lagoons or ponds
3. Clarifiers or sumps
4. Stained soil
5. Registered or unregistered storage tanks (above or underground) (if applicable, identify which)?

☐ Yes (Circle all that apply)

X ☒

No

☐ Unknown

Comments:

D. To your knowledge, are there currently or have there been in the past any of the following objects or evidence located on the property or adjacent to any structure located on the property and/or adjoining property:

1. Vent pipes
2. Fill pipes
3. Access ways indicating a fill pipe protruding from the ground
4. Leaks, spill, or staining by substances other than water (if applicable, identify which)
5. Foul odors associated with any flooring, drains, walls, ceilings, or exposed ground (if applicable, identify which)?

☐ Yes (Circle all that apply)

X ☒

No

☐ Unknown

Comments:



**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

- E. If the property and/or adjoining property is served by a private well or non-public water system, do you have any knowledge that:
1. Contaminants have been identified in the well or system that exceed guidelines applicable to the water system
  2. The well has been designated by any government environmental/health agency as being contaminated?

☐ Yes (Circle all that apply)      ☐ No      ☐ Unknown

Comments:

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- F. With respect to the property or any facility located on the property and/or adjoining property, do you have any knowledge of or have you been informed of:
1. Past or current existence of hazardous substances or petroleum products.
  2. Past or current existence of environmental violations
  3. Any permits, orders, or waste discharge requirements issued by or requested from any environmental regulatory agency in relation to the properties.
  4. Any environmental assessment indicating the presence or contamination of hazardous substances or petroleum products or recommended further assessment
  5. Any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products?

☐ Yes (Circle all that apply)      X ☐ No      ☐ Unknown

Comments:

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

**G. Has the property and/or adjoining property discharged, dumped above grade, buried and/or burned any of the following materials on or adjacent to the property and/or into a storm water or sanitary sewer system (if applicable, identify which):**

1. Wastewater (not including sanitary waste or storm water)
2. Any hazardous substances or petroleum products
3. Unidentified waste materials
4. Tires
5. Automotive or industrial batteries
6. Any other waste materials?

☐ Yes (Circle all that apply)      ☒ No      ☐ Unknown

Comments:

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**H. Are there or have there been any of the following equipment for which there are any records indicating the presence of polychlorinated biphenyls (PCBs)?**

1. Transformer
2. Capacitor
3. Any hydraulic equipment?

☐ Yes (Circle all that apply)      ☒ No      ☐ Unknown

Comments:

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

I. To your knowledge, have any environmental or geotechnical assessments of the property and/or adjoining property been conducted? Please provide the nature and dates of these assessments, if known.

1. Environmental
2. Geotechnical
3. Other?

☐ Yes (Circle all that apply)

X ☐

No

☐

Unknown

Comments:

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J. Are you aware of any environmental cleanup liens against the property, governmental orders, consent decrees, cleanup and abatement orders, or lawsuits that are filed or recorded under federal, state, tribal or local law?

☐ Yes

X ☐

No

☐

Unknown

Comments:

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**ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE**  
**Property Owner/Representative or Facility Manager**

**K.** Are you aware of any activity or land use limitations, such as engineering controls, land use restrictions or institutional controls, that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26)? Please provide the nature and dates of these assessments, if known.

1. Engineering Controls (e.g., engineered cap, subsurface barrier wall, etc.)
2. Land Use Restrictions (e.g., industrial only, no groundwater removal, etc.)
3. Institutional Controls (e.g., deed restrictions, financial assurances, etc.)

☐ Yes (Circle all that apply)      ☒ No      ☐ Unknown

Comments:

**This questionnaire was completed by:**

Name Brenda Shulund

Title General Manager

Representing Highland Manor LLC

Address PO Box 4720

City, State, Zip Bozeman, MT 59772

Phone Number 406-399-0753

Signature Brenda Shulund

Date 09/09/2020



# Phase II Environmental Site Assessment for Building Materials Inspection



Highland Manor Apartments  
1315 & 1325 Jefferson Ave  
Havre, Montana

  
**Bear Paw Development Corporation**  
of Northern Montana



# Phase II Environmental Site Assessment Building Materials Inspection

Highland Manor Apartments  
1315 and 1325 Jefferson Avenue  
Havre, MT 59501

***Prepared for:***

*Bear Paw Development Corporation  
48 2<sup>nd</sup> Avenue  
PO Box 170  
Havre, MT 59501  
Grant #95809110*

***Prepared by:***

*NewFields  
700 SW Higgins Avenue, Suite 15  
Missoula, MT 59803*



December 2021  
Project 350.0044.006



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## 1.0 INTRODUCTION

From July 19 through October 29, 2021, NewFields performed a Building Materials Inspection (BMI) for potential asbestos, methamphetamine (meth), lead in drinking water, radon, polychlorinated biphenyls (PCBs) in light ballasts, and mercury-containing thermostats and fluorescent light tubes at the Highland Manor Apartments (“site”). The site is located at 1315 and 1325 Jefferson Avenue in a residential area of Havre, Montana (**Figures 1** and **2**). The inspection was completed under contract to Bear Paw Development Corporation using U.S. Environmental Protection Agency (EPA) Brownfield assessment grant funds. Highland Manor Partnership and Highland Manor II Ltd Partnership, which currently own the Highland Manor Apartments, plan to sell the properties to a new owner who plans to renovate the interior of the two 16-unit apartment buildings.

The inspection was completed to:

- Identify friable and non-friable asbestos-containing building materials (ACBM) associated with the onsite structures;
- Determine if suspect apartments were meth contaminated;
- Determine whether the drinking water is contaminated with lead;
- Determine if the buildings have elevated levels of radon;
- Determine if light ballasts contain PCBs and
- Determine if building thermostats contain mercury and whether the building has mercury-containing fluorescent light tubes.

NewFields performed the inspection in general accordance with the following documents:

- Site-Specific Sampling and Analysis Plan for Building Materials Inspection, Highland Manor Apartments, Havre, Montana (NewFields, June 2021a, v1);
- Programmatic Building Materials Sampling Guide (NewFields, March 2021b, v2) that includes standard operating procedures and
- Bear Paw’s EPA-approved Quality Assurance Project Plan (NewFields, 2021c, v4).

Mr. Ryan McGee a Montana-accredited asbestos inspector completed the asbestos inspection assisted by Mr. Matthew Tooke, inspector in training, in July of 2021. Mr. Michael Kelly completed radon and lead in water sampling in October 2021. NewFields staff accreditations are provided in **Appendix A**. Field notes and photos documenting the inspection are included in **Appendix B**.



## 2.0 FINDINGS

A summary of the identified onsite hazardous materials at the site are shown in **Table 2-1** (attached).

### 2.1 ASBESTOS

Over the course of the inspection, a total of 24 materials were identified as suspect ACBMs. Of these materials, 84 samples were collected for asbestos analysis. Based on the laboratory results, no materials were confirmed as ACBM (a material containing >1% asbestos). Asbestos sample locations are depicted on **Figures 3** through **6**. A copy of the analytical report is presented in **Appendix C**.

### 2.2 LEAD IN DRINKING WATER

NewFields collected 11 tap water samples from apartment kitchen faucets and 1 blind duplicate. Seven samples were collected from faucets in the north building, while four were collected from the south building. All samples were confirmed less than the EPA's action level for lead in drinking water (i.e., concentrations below 15 parts per billion or 0.015 mg/L). **Table 2-2** presents the results from each sample collected, and **Figures 3** through **6** show sample locations. A copy of the analytical report is presented in **Appendix C**.

**Table 2-2 Lead in Drinking Water Results**

Building	Aerator On/Off	Apartment	Sample ID	Results (mg/L)
North Apartments, Main Floor	On	5	HM-05	0.003
North Apartments, Main Floor	On	6	HM-06	0.001
North Apartments, Upstairs	On	9	HM-09	ND
North Apartments, Upstairs	On	16	HM-16	0.001
South Apartments, Main Floor	On	17	HM-17	ND
Blind duplicate of HM-06	On	35	HM-35	0.001
North Apartments, Upstairs	On	10	HM1 - #10	0.010
North Apartments, Main Floor	Off	1	HM1 - #1	0.002
North Apartments, Main Floor	Off	4	HM1 - #4	0.010
South Apartments, Main Floor	Off	22	HM2 - #22	ND
South Apartments, Upstairs	Off	27	HM2 - #27	ND
South Apartments, Upstairs	Off	32	HM2 - #32	ND

Notes:

1. ND = none detected = <0.001 mg/L
2. EPA action level = ≥0.015 mg/L

### 2.3 METHAMPHETAMINE

A total of 15 meth samples were taken from three apartments. The apartments sampled were selected by the site owner. Wipe samples were analyzed using a modified NIOSH Method 9111, and EPA Method 1694 for LC/MS analysis of meth. Based on laboratory results, all samples were confirmed less than



Montana’s decontamination meth standard of 1.5 µg/100 cm<sup>2</sup>. **Table 2-3** presents the results for each sample collected and **Figure 7** shows sample locations. A copy of the analytical report is present in **Appendix C**.

**Table 2-3 Methamphetamine Surface-Wipe Sample Results**

Apartment	Sample ID	Results (µg/100 cm <sup>2</sup> )	Recommendations
4	A4-1, Wall Behind Stove	ND	No Action
	A4-2, Bathroom Ceiling/Fan	ND	No Action
	A4-3, Living Room Wall	ND	No Action
	A4-4, Wall/Window	ND	No Action
	A4-5 Master Bedroom	ND	No Action
12	A12-1, Wall Behind Stove	0.66	No Action
	A12-2, Bathroom Ceiling/Fan	0.2	No Action
	A12-3, Master Bedroom	ND	No Action
	A12-4, Living Room Wall	0.64	No Action
	A12-5, Bedroom Wall/Window	0.28	No Action
13	A13-1, Wall Behind Stove	ND	No Action
	A13-2, Bathroom Ceiling/Fan	ND	No Action
	A13-3, Living Room Wall	ND	No Action
	A13-4, Master Bedroom	ND	No Action
	A13-5, Bedroom Wall/Window	ND	No Action

Notes:

1. ND = none detected = <0.01 µg/100 cm<sup>2</sup>
2. Montana Department of Environment Quality (MDEQ) decontamination standard = 1.5 µg/100 cm<sup>2</sup>

## 2.4 RADON

NewFields collected a total of 20 radon samples, 1 field blank, and 1 trip blank. At each sample location two collocated samples were collected, and the results are reported as the average of the samples. Due to a kitchen fire and an unexpected cleaning, two radon samples (18 and 19) were not analyzed because “closed-door conditions” were not maintained. See **Table 2-4** for all radon results and **Appendix C** for analytical reports. See **Figures 3** through **6** for radon sample locations.

**Table 2-4 Radon Sample Results**

Apartment	Box Number	Average Radon Concentration (pCi/L)		
		Device 1	Device 2	Average
1	272904	0.4	0.9	0.6
2	273404	0.9	1.3	1.1
3	273402	-0.5	0.0	0.0
4	272905	1.9	1.6	1.8
5	273405	1.5	2.1	1.8
6	273401	0.4	0.4	0.4
7	273395	1.7	0.8	1.3



Apartment	Box Number	Average Radon Concentration (pCi/L)		
		Device 1	Device 2	Average
8	273403	1.6	1.7	1.7
14	273394	-0.5	0.1	0.1
15	273392	0.5	0.8	0.6
17	273398	1.1	1.1	1.1
18	273393	Not Analyzed		
19	272902	Not Analyzed		
20	273399	1.1	1.1	1.1
21	273389	0.7	1.0	0.9
22	273400	1.4	2	1.7
23	272901	1.4	2	1.7
24	272903	1.4	1.3	1.3
26	273397	0.0	0.3	0.2
28	273396	-0.2	-0.7	0.0
28 (Field Blank)	273391	-0.7	-0.9	0.0
Transit Blank	273390	-0.6	-0.6	0.0

Note:

1. EPA action level =  $\leq 4.0$  pCi/L

## 2.5 LIGHTS AND THERMOSTATS (PCB AND MERCURY)

During the inspection, a total of 5 fluorescent light fixtures were identified, containing a total of 8 bulbs. In accordance with the site-specific sampling and analysis (SAP), ~25% of the ballasts were inspected. Three, 4-foot fixtures were found to contain electronic ballasts that are not suspect for PCBs. Two, 2-foot fixtures had no information on the light ballasts and are considered suspect for PCBs. The suspect light ballasts are in Apartments 4 and 6.

No suspect mercury-containing thermostats were observed.

## 2.6 DEVIATIONS FROM SAMPLE AND ANALYSIS PLAN

There were four deviations from the SAP during the inspection:

- Apartment 15 was not accessed during the asbestos inspection due to recent covid issues. It was accessed later for radon sampling.
- Apartment 25 was not accessed during the asbestos inspection at the request of the property manager and tenant.
- Sample ID F1.5, vinyl sheet flooring (VSF), was not acquired because Apartment 5 could not be re-accessed. Vinyl sheet flooring was identified as a suspect ACBM in the initial walkthrough of the apartment.
- Methamphetamine sampling, originally planned for one apartment, was completed in three apartments at the owner's request.



## 3.0 RECOMMENDATIONS

### 3.1 ASBESTOS

The inspection did not identify ACBMs associated with the north and south apartment buildings. During renovation planning it is recommended it be verified that building materials in Apartments 15 and 25 were sampled parts of the building, as these two apartments were not inspected. It is also recommended that the VSF in Apartment 5 be sampled.

### 3.2 LEAD IN DRINKING WATER

No actions are recommended to address lead in drinking water system, as the lead results were all below the EPA action limit of 15 µg/L. Lead was found in the system in the north building above EPA's maximum contaminant level goal of 0 mg/L, which is a non-enforceable goal. Should the owner wish to seek action to eliminate lead in the north building system, funding through the federal government to help cover cost of replacing lead service lines may be available. Further information can be located on EPA's website at <https://www.epa.gov/ground-water-and-drinking-water/lead-service-line-replacement>.

Three of the four samples in the south building were collected with faucet aerators removed. Technically, aerators should remain during sampling, due to the minimal chance that an aerator may be a source of lead. NewFields does not believe removing the aerators impacts the risk management decision for the buildings at the site. In nearly all cases, lead is found in drinking water systems due to the leaching of the lead from the pipes, and in the south building all results were non-detect (<0.001 µg/L) with or without aerators present on the faucet.

### 3.3 METHAMPHETAMINE

Results from meth sampling were all less than the 2021 MDEQ decontamination standard of 1.5 µg/100 cm<sup>2</sup>; therefore, no remediation is necessary in the apartments sampled.

### 3.4 LIGHTS AND THERMOSTATS (PCB AND MERCURY)

When replacing the light fixtures that were determined suspect for containing PCBs, they should be disposed of as a universal waste in accordance with 40 CFR 761.62, Disposal of PCB Bulk Product Waste, and Section 3006 of RCRA. Magnetic ballasts discovered during renovations should be considered PCB containing, unless they are labelled with the words "electronic" or "no PCBs".

Based on our visual inspection and the age of the thermostats within the building, no thermostats are suspected to contain mercury.

### 3.5 RADON

The radon results were all less than the EPA action level of 4.0 pCi/L, therefore, mitigation is not required at this time. Repeating the initial testing procedures for both buildings is recommended at least every 5 years. Radon testing should also be repeated if major changes are made to the building that involve new additions, alterations to building configuration, heating or cooling systems alterations that change the building air pressure, concrete foundation modifications that expose soil, or earthquakes that modify the foundation.





## 4.0 LIMITATIONS

NewFields professionally completed this BMI following generally accepted practices, using the degree of skill and care ordinarily exercised by environmental consultants under similar circumstances. No other warranties, expressed or implied, are made.

No site inspection can wholly eliminate uncertainty regarding the potential for the presence of hazardous materials in connection with a property. The inspection was completed to reduce, but not eliminate, this uncertainty. Due to environmental assessments' physical limitations, NewFields does not warrant that the buildings or site are free of hazardous materials or that all hazardous materials have been identified at the site. Some features may have been hidden from plain view during inspections due to debris pile storage or other obstructions. Some hazardous materials may be present behind finished walls, ceilings, or floors that were not surveyed or sampled. As such, no absolute determination concerning the presence of hazardous materials and/or the human health risks they pose is made.

NewFields prepared this report for the Bear Paw Development Corporation, which may rely on the findings of the report. No other party shall rely on this report without the written consent of NewFields.

  
Matthew Tooke  
Staff Environmental Scientist

  
Chris Cerquone  
Sr. Environmental Scientist



## 5.0 REFERENCES

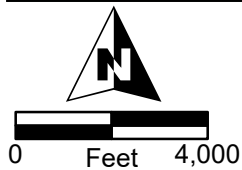
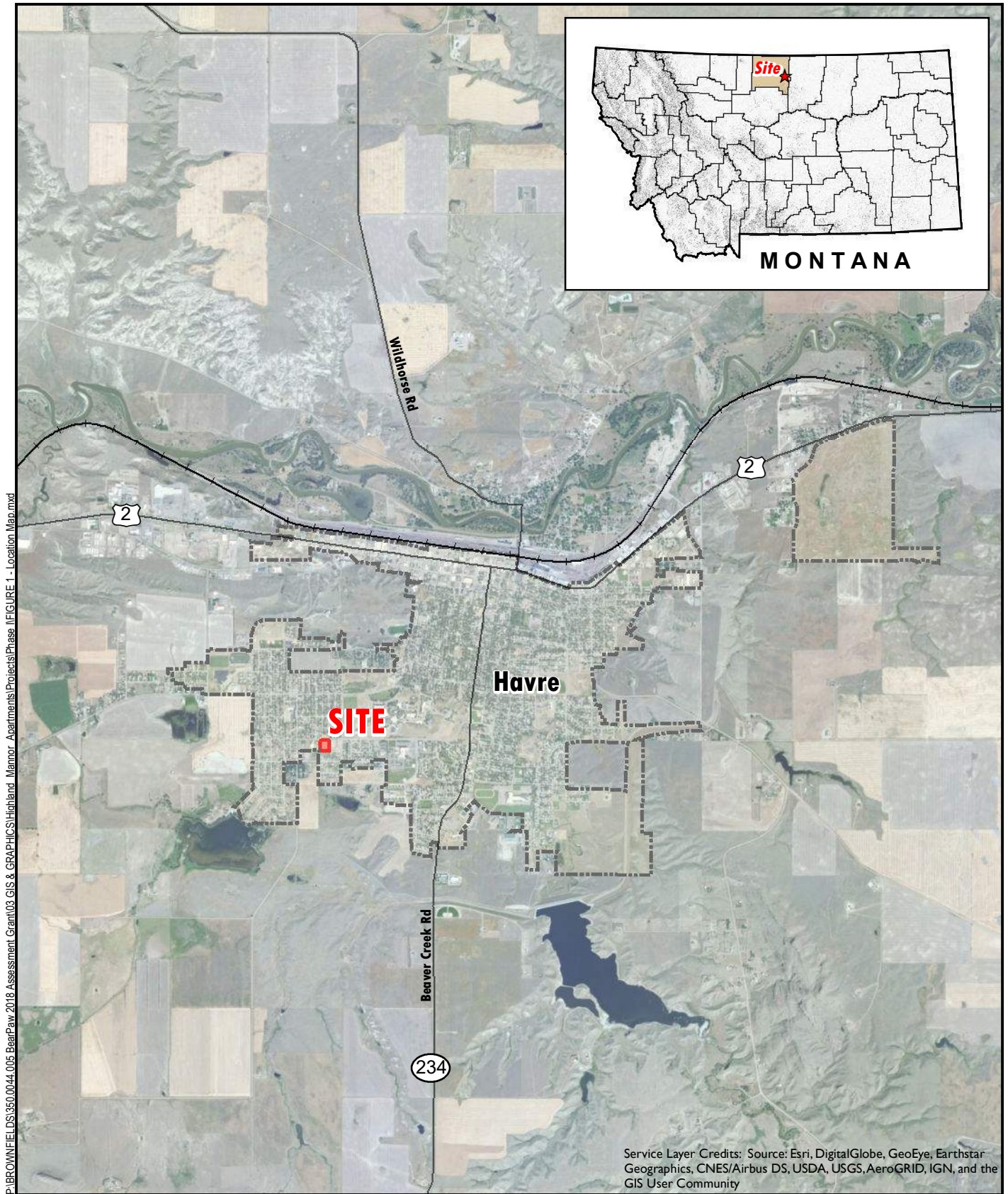
- NewFields, 2021a.** Site-Specific Sampling and Analysis Plan for Building Materials Inspection, Highland Manor, Version 1, prepared for Bearpaw Development Corporation. June 2021.
- NewFields, 2021b.** Programmatic Building Material Sampling Guide, Bear Paw Development Corporation. March 2021, Version 2.
- NewFields, 2021c.** Programmatic Quality Assurance Project Plan, Bear Paw Development Corporation. April 2021, Version 4 Final.
- ANSI/AARST, 2021.** Protocol for Conducting Measurements of Radon and Radon Decay Products in Multifamily Buildings. American Association of Radon Scientists and Technologists, Inc. (AARST). 2017 with January 2021 revisions.



# FIGURES







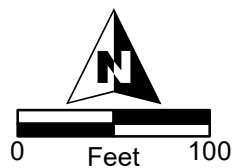
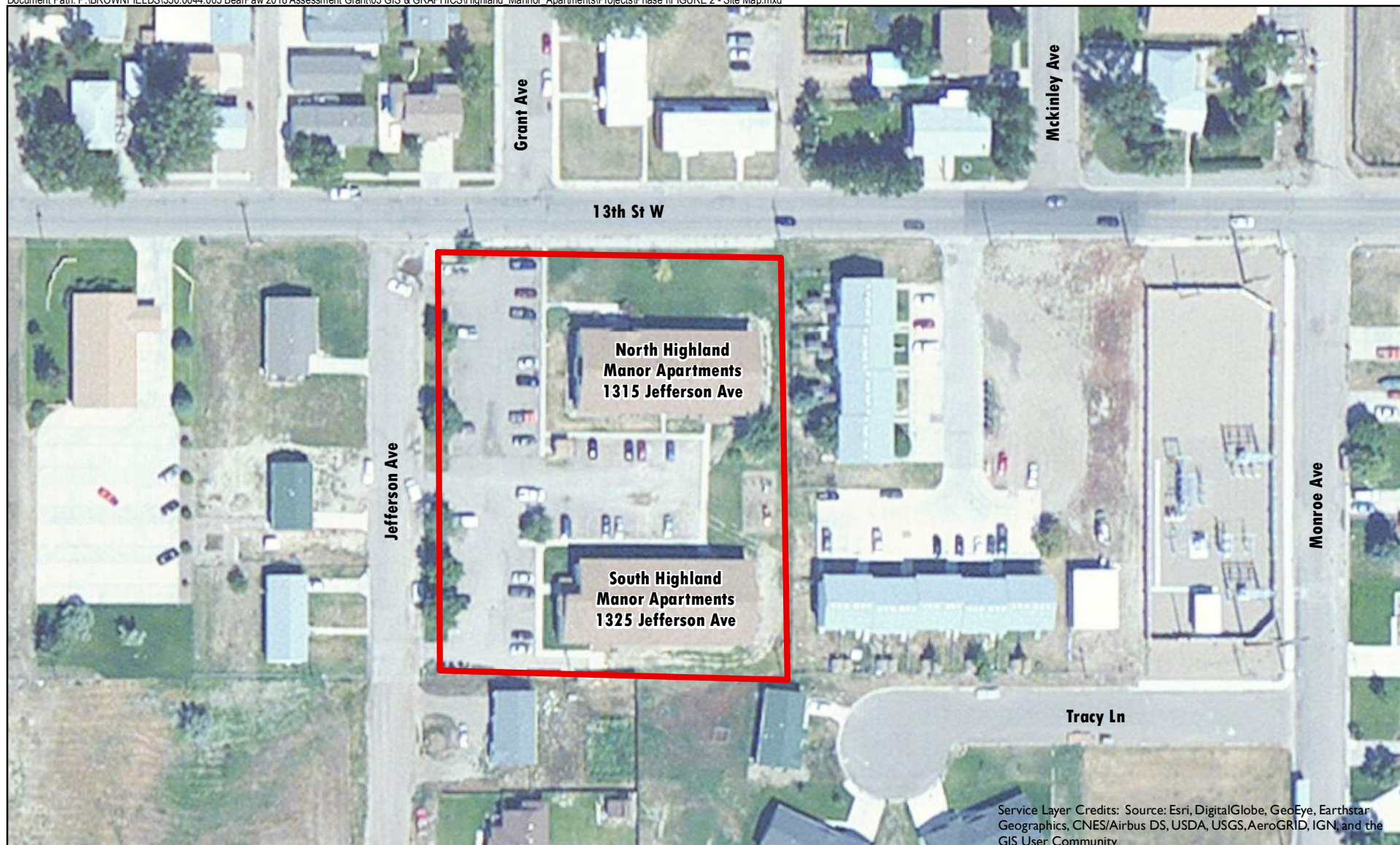
**NewFields**

- Roads
- Railroad
- City Limits - Havre
- Site Location

Location Map  
Highland Manor Apartments SAP  
1315 & 1325 Jefferson Ave  
Havre, MT  
**FIGURE 1**



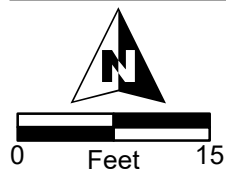
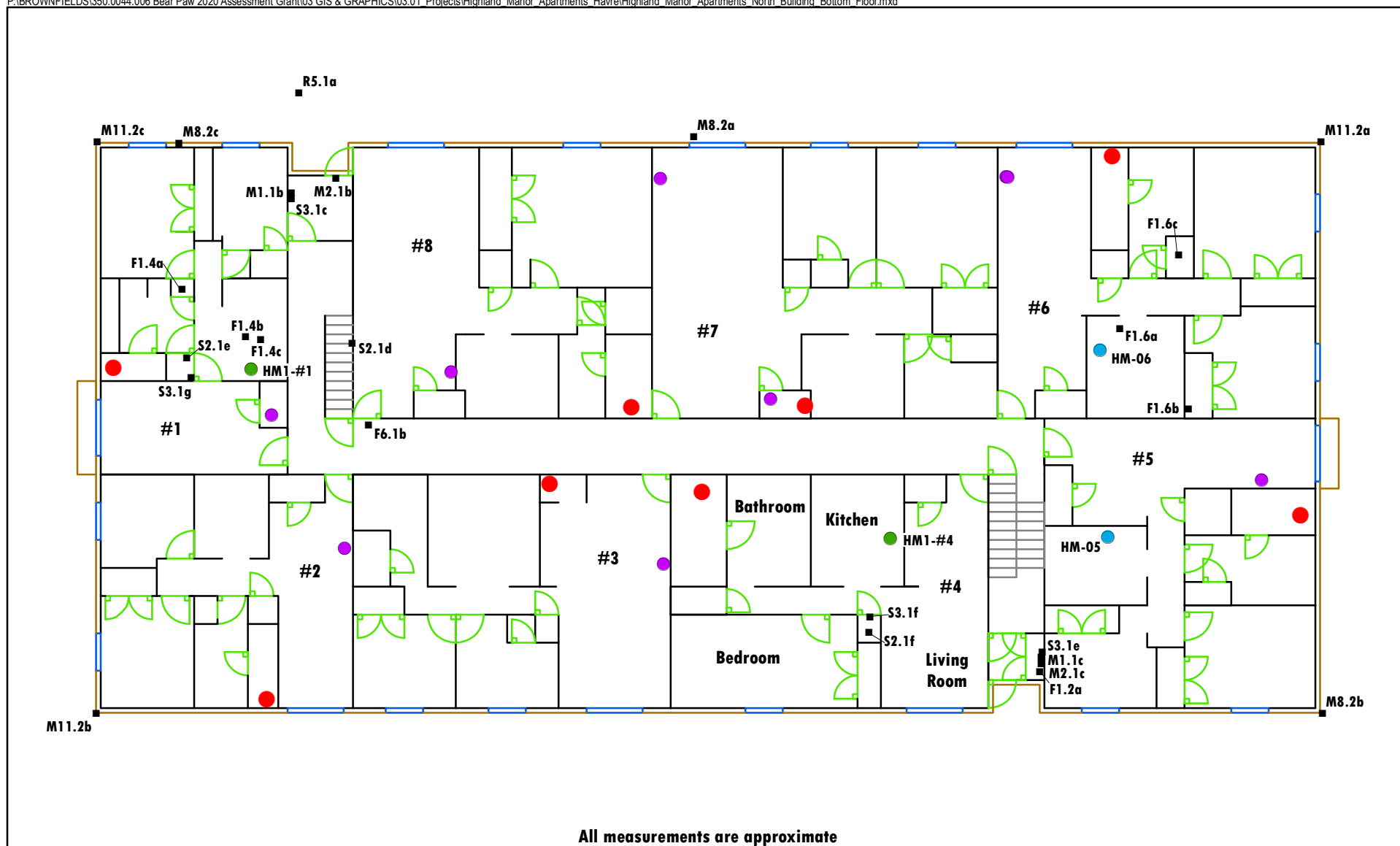
Document Path: P:\BROWNFIELDS\350.0044.005 BearPaw 2018 Assessment Grant\03 GIS & GRAPHICS\Highland Manor Apartments\Projects\Phase I\FIGURE 2 - Site Map.mxd



Site Boundary



P:\BROWNFIELDS\350.0044.006 Bear Paw 2020 Assessment Grant\03 GIS & GRAPHICS\03.01 Projects\Highland Manor Apartments Havre\Highland Manor Apartments North Building Bottom Floor.mxd



**NewFields**

**Asbestos Results**

■ None Detected

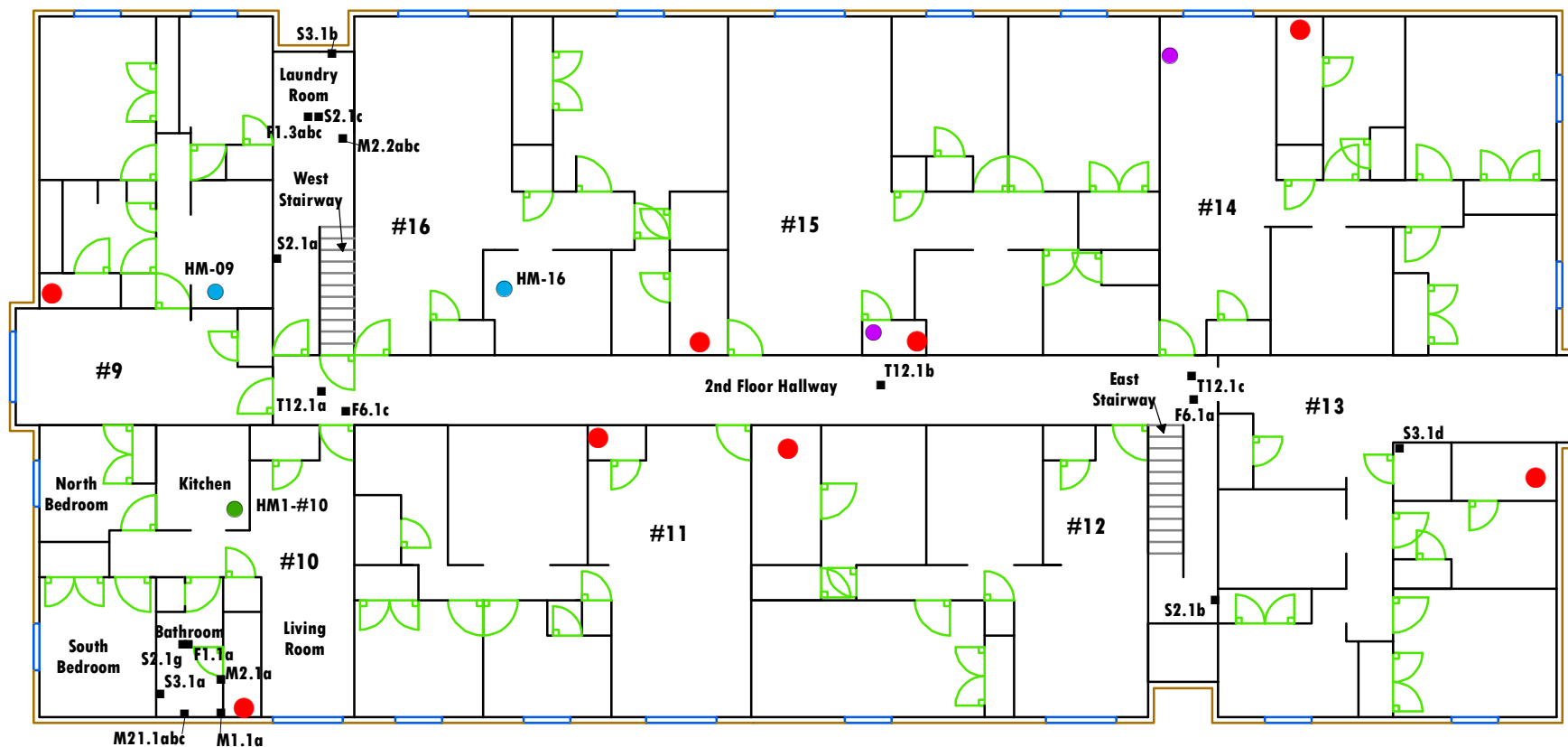
- Lead in Water Samples (7/22/2021)
- Lead in Water Samples (10/26/2021)
- Water Heater
- Radon Sample

- Interior Walls
- Doors
- Exterior Walls
- Stairs
- Windows

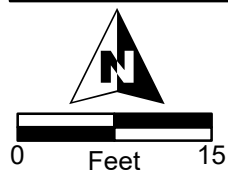
**Inspection Results - Main Floor Plan  
North - Highland Manor Apartments  
1315 Jefferson Ave  
Havre, MT  
FIGURE 3**



P:\BROWNFIELDS\350.0044.006 Bear Paw 2020 Assessment Grant\03 GIS & GRAPHICS\03.01 Projects\Highland Manor Apartments Havre\Highland Manor Apartments North Building Upstairs Floor.mxd



All measurements are approximate



**NewFields**

**Asbestos Results**

■ None Detected

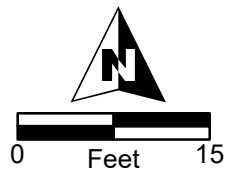
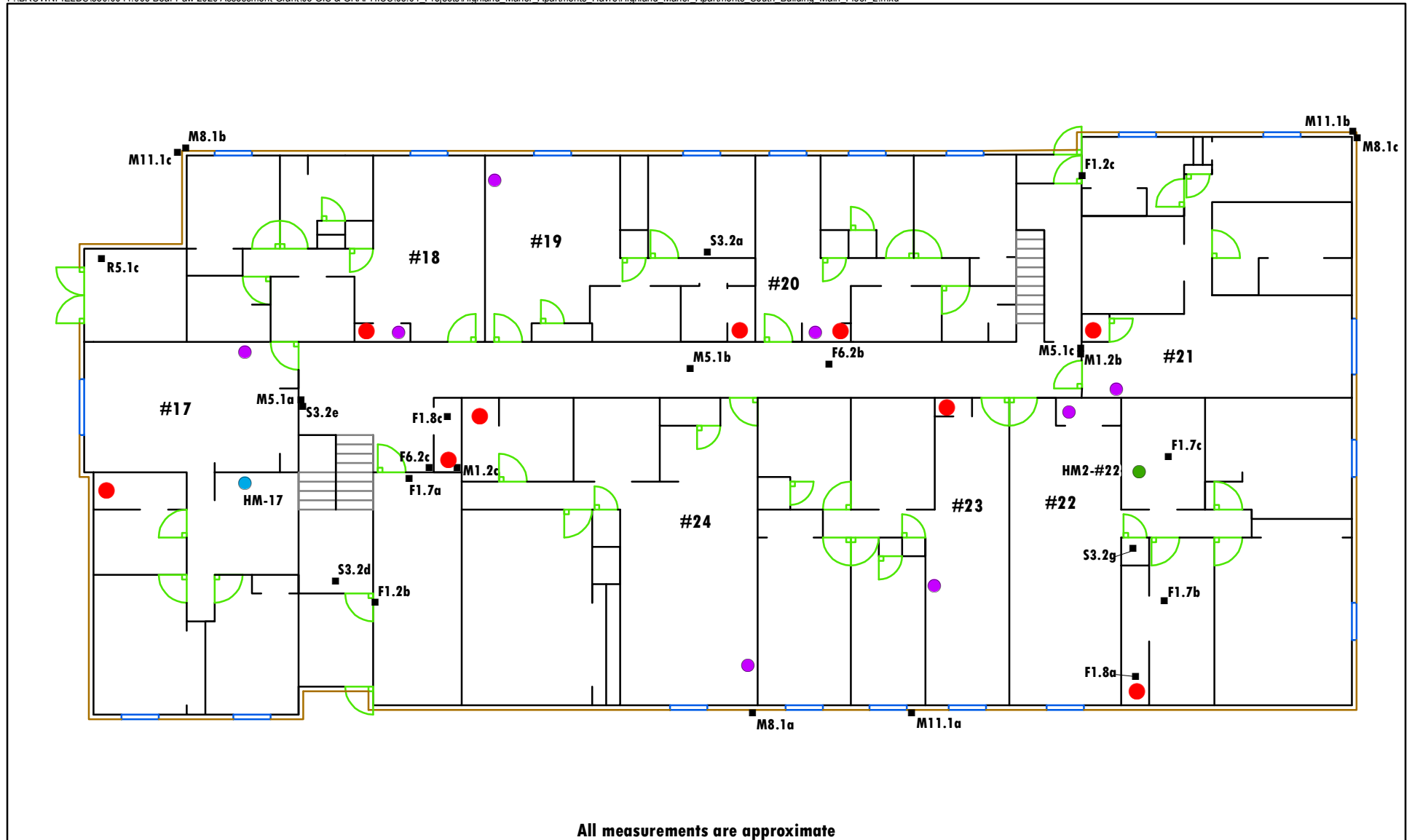
- Lead in Water Samples (7/22/2021)
- Lead in Water Samples (10/26/2021)
- Water Heater
- Radon Sample

- Interior Walls
- Doors
- Exterior Walls
- Stairs
- Windows

**Inspection Results - Upstairs Floor Plan**  
**North - Highland Manor Apartments**  
**1315 Jefferson Ave**  
**Havre, MT**  
**FIGURE 4**



P:\BROWNFIELDS\350.0044.006 Bear Paw 2020 Assessment Grant\03 GIS & GRAPHICS\03.01 Projects\Highland Manor Apartments Havre\Highland Manor Apartments South Building Main Floor 2.mxd



**NewFields**

**Asbestos Results**

■ None Detected

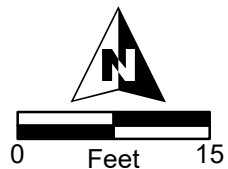
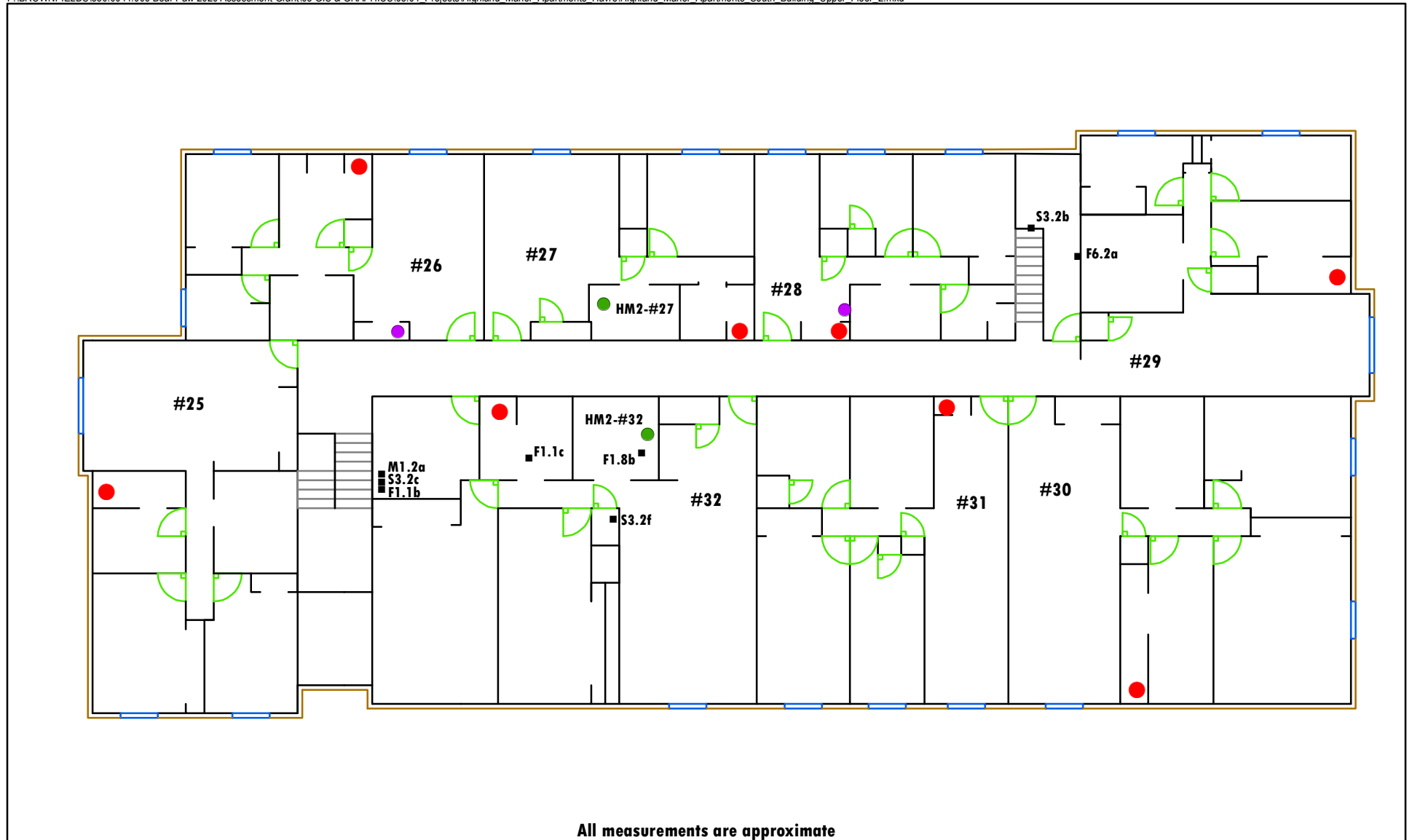
- Lead in Water Samples (7/22/2021)
- Lead in Water Samples (10/26/2021)
- Water Heater
- Radon Sample

- Interior Walls
- Doors
- Exterior Walls
- Stairs
- Windows

**Inspection Results - Main Floor Plan  
South - Highland Manor Apartments  
1325 Jefferson Ave  
Havre, MT  
FIGURE 5**



P:\BROWNFIELDS\350.0044.006 Bear Paw 2020 Assessment Grant\03 GIS & GRAPHICS\03.01 Projects\Highland Manor Apartments Havre\Highland Manor Apartments South Building Upper Floor 2.mxd



NewFields

**Asbestos Results**

■ None Detected

● Lead in Water Samples (7/22/2021)

● Water Heater

● Radon Sample

— Interior Walls

— Doors

— Exterior Walls

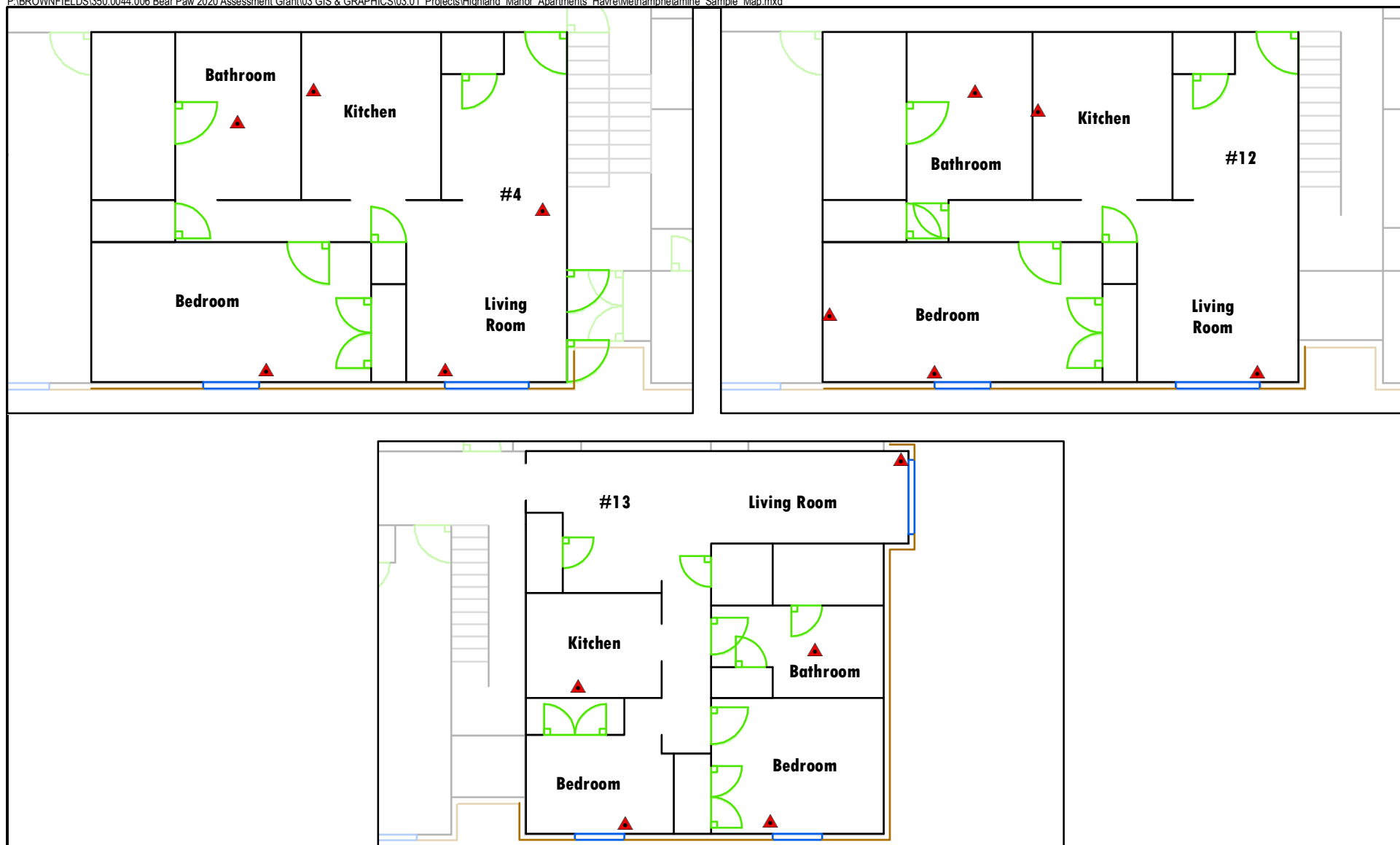
— Stairs

— Windows

Inspection Results - Upstairs Floor Plan  
South - Highland Manor Apartments  
1325 Jefferson Ave  
Havre, MT  
FIGURE 6



P:\BROWNFIELDS\350.0044.006 Bear Paw 2020 Assessment Grant\03 GIS & GRAPHICS\03.01 Projects\Highland Manor Apartments Havre\Methamphetamine Sample Map.mxd



**Methamphetamine Sample Map**  
**North - Highland Manor Apartments**  
**1315 Jefferson Ave**  
**Havre, MT**  
**FIGURE 7**



# TABLES





**Table 2-I**  
**Summary of Inspection Results**  
**Highland Manor, Havre, Montana**

Building ID	Address	Asbestos		Radon <sup>1</sup>	Methamphetamine <sup>2</sup>	Lead in Drinking Water	Light Fixtures (PCBs/Mercury)	Thermostats (Mercury)
		Samples	# of ACBM					
Highland Manor North Apartments	1315 Jefferson Avenue	84	0	N	N	Y <sup>3</sup>	Y/Y	N
Highland Manor South Apartments	1325 Jefferson Avenue			N	N/A	N <sup>4</sup>	N/N	N

**Notes:**

ACBM = Asbestos Containing Building Material

PCBs = Polychlorinated biphenyls

Y = Yes, confirming these contaminants of potential concern (COPCs) are present within the building.

N = No, confirming these contaminants of potential concern (COPCs) are **NOT** present within the building.

N/A = Not Applicable or Not sampled

<sup>1</sup> = All radon was less than half the EPA's Action level.

<sup>2</sup> = All methamphetamine samples were less than Montana DEQ's decontamination standard.

<sup>3</sup> = Lead was detected in tap water above the EPA's Maximum Level Goal of zero, lead was below the EPA's action level of 0.15 mg/L.

<sup>4</sup> = None detected, but more sampling should be completed to deny the presence of lead in drinking water.



# Appendix A



NewFields Staff  
Accreditations





## Michael Peter Kelly

Has satisfactorily fulfilled the requirements set forth by the  
National Radon Proficiency Program and is therefore certified as a:

### Residential Measurement Provider

NRPP ID 109705 RT  
Expires 04/30/2022

Valid for specific activities or  
measurement devices, which can be  
verified with NRPP. State and local  
agencies may have additional  
requirements.



In witness Whereof,  
I have subscribed my name as a  
Representative of NRPP

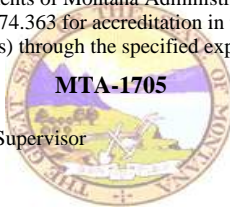
*Christina Johnson*

Christina Johnson  
NRPP Credentialing Coordinator



**RYAN D MCGEE**

has met the requirements of Montana Administrative Rule  
17.74.362 and/or 17.74.363 for accreditation in the following  
asbestos occupation(s) through the specified expiration date(s).



Asbestos Inspector  
Project Contractor/Supervisor  
Project Designer

04/22/2022  
09/18/2021  
02/19/2022

MT DEQ Asbestos Control Program

RYAN D MCGEE  
1763 COLORADO GULCH  
HELENA MT 59601





## CERTIFICATE OF COMPLETION

**RYAN MCGEE**

1763 Colorado Gulch, Helena MT 59601

successfully completed course training and satisfactorily passed the  
course examination meeting the accreditation requirements for the  
**Montana 4-Hour Asbestos Inspector Refresher Course**  
in accordance with Administrative Rules of Montana 17.74.362 and/or 17.74.363

**Certificate Number: ACM 04222021-11**

**Examination Date:** 04/22/2021

**Course Date:** 04/22/2021

**Expiration Date:** 04/22/2022

**Course Instructor:**

Shawna Page  
Abatement Contractors of Montana, LLC  
208 Commerce Street  
Missoula, MT 59808  
406-549-8489

**Course Approving Agency:**

Asbestos Control Program  
Montana Department of Environmental Quality  
PO Box 200901  
Helena, MT 59620-0901

**Instructor Signature:**

*Shawna Page*



**Certified Methamphetamine Cleanup Contractor**

**RYAN D MCGEE**

**EFFECTIVE DATE**

**10/08/2020**

**CERTIFICATION NO.**

**MCP-0103-C**

**EXPIRATION DATE**

**09/02/2022**

**MONTANA  
DEPARTMENT OF ENVIRONMENTAL QUALITY  
WASTE AND UNDERGROUND TANK MANAGEMENT BUREAU  
METHAMPHETAMINE CLEANUP PROGRAM**

**MT DEQ METHAMPHETAMINE CLEAN-  
UP CONTRACTOR CERTIFICATION**

**RYAN D MCGEE**

successfully completed the requirements and is  
Certified as a Methamphetamine Cleanup  
Contractor effective 10/08/2020.

**MCP-0103-C**

**EXPIRES: 09/02/2022**

**MT DEQ METHAMPHETAMINE CLEAN-  
UP CONTRACTOR CERTIFICATION**

**RYAN D MCGEE**

successfully completed the requirements and is  
Certified as a Methamphetamine Cleanup  
Contractor effective 10/08/2020.

**MCP-0103-C**

**EXPIRES: 09/02/2022**

**MT DEQ METHAMPHETAMINE CLEAN-  
UP CONTRACTOR CERTIFICATION**

**RYAN D MCGEE**

successfully completed the requirements and is  
Certified as a Methamphetamine Cleanup  
Contractor effective 10/08/2020.

**MCP-0103-C**

**EXPIRES: 09/02/2022**



# Appendix B



## Inspection Field Notes & Photos



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

## Inspection Components

Renovation or Demolition?	Renovation	Pb-Check Swab Test?	
TCLP Sample?	No	Meth sampling?	Yes
LBP by XRF?	No		
Soil Samples?	No		

## Thermostats

Were suspect Hg containing thermostats present? No

Comments:

## Building: Highland Manor 1, north

Construction Date:	1986	Renovation Date(s):	
Structure Size:		Number of floors:	
Crawlspace?	N/A	Basement?	N/A
Attic?	N/A	Tunnel?	N/A

Comments:  
1315

## Building Construction Information

Foundation:	Exterior Walls:
Frame/Structure:	Roof Type:
Wall/Ceiling Insulation:	
Comments:	

## HVAC System

HVAC Type(s):	
Duct Routing:	Pipe Routing:
Insulation:	
Comments:	



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

## Room/Sample

<b>Room: 1; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.4 in Kitchen and bathroom F1. In bathroom closet. Approx 8x3</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.4abc</b>	<b>A. Bathroom BC. Kitchen</b>				
<b>S2.1e</b>	<b>Closet ceiling</b>				
<b>S3.1g</b>	<b>Closet</b>				
<b>Room: 10; Total Sq. Ft: NR</b> Cove Base: <b>4"</b> , <b>wood cove base around, beige cove base in kitchen and bathroom</b> ; Cove Base Color: <b>Beige</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Rolled Carpet</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>One in Kitchen, unsure need to check</b> ; Room Comments: <b>Living room. 23x11x8 Kitchen. 8x8x8 Hall. 3x13x8 Bathroom. 11.5x8x8 N bed. 11.5x11x8 S bed. 9x12x8</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.1a</b>	<b>Bathroom floor.</b>	<b>Rectangle shaped VSF gray and brown marble design.</b>			
<b>M1.1a</b>	<b>Bathroom behind tub wall</b>	<b>Drywall and joint compound</b>		<b>All walls</b>	
<b>M21.1abc</b>	<b>Bathroom behind tub</b>	<b>Wall Adhesive</b>			<b>Assumed behind every tub. Approx 48 sq ft per tub.</b>
<b>M2.1a</b>	<b>Bathroom by tub</b>	<b>Light brown cove base with cream colored adhesive</b>			
<b>S2.1g</b>	<b>Center ceiling bathroom</b>	<b>Skip troweled surfacing</b>			
<b>S3.1a</b>	<b>Bathroom behind tub wall</b>	<b>Sprayed on wall surfacing. Orange peel</b>		<b>All walls</b>	
<b>Room: 11; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

<b>Room: 12; Total Sq. Ft: NR</b> Cove Base: <b>4", wood in main areas, beige cove base</b> ; Cove Base Color: <b>Beige</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Roller Carpet</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>Interior</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>n/a</b> ; Surfacing Description: <b>Skip troweled ceiling with sprayed on walls.</b> ; Light Fixture Description: <b>LED lights</b> ; Room Comments: <b>Wood throughout house, beige cove base only in bathroom and kitchen Same VSF F1.1 in Kitchen and bathroom Fixed hole above light switch in living room wall boarding kitchen HA. 8</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 13; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.7 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>S3.1d</b>	<b>Closet</b>	<b>Spray on wall surfacing. Orange peel</b>			
<b>Room: 14; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 15 Deviation; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>Deviation because to recent case of covid.</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

<b>Room: 16; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 2; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 2nd floor Hallway; Total Sq. Ft: 6x77x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>carpet on mastic on wood</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>no</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>LED fixtures</b> ; Room Comments: <b>Skip trowel on walls and ceiling Carpet on mastic</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F6.1ac</b>	<b>East end West end</b>	<b>Yellow carpet adhesive.</b>			
<b>Room: 3; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.5 in Kitchen and bathroom, could not access apartment again.</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

**Room: 4; Total Sq. Ft: Living room. 23x12x8 Hall. 3x8.5x8 Kitchen. 8x8x8 Bed. 11.5x12x8 Bathroom. 11.5x5x8**  
Cove Base: **4",wood**; Cove Base Color: **Gray**; Adhesive Color: **Tan**;  
Walls: **Textured Drywall**; Floors: **Rolled Carpet**; Ceiling: **Textured Drywall**; Doors: **Interior**;  
Fluorescent Light Fixtures: **1**; Fluorescent Light Tubes: **1, t12 bulb 2ft**;  
Fluorescent Light Ballasts: **1**; Fluorescent Light Ballasts Suspect for PCBs: **yes**;  
Surfacing Description: **Orange peel walls with skip troweled on ceiling**;  
Light Fixture Description: **NR**;  
Room Comments: **Cove base in Kitchen and bathroom**

Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>S2.1f</b>	<b>Closet ceiling</b>				
<b>S3.1f</b>	<b>Closet</b>				

**Room: 5; Total Sq. Ft: NR**  
Cove Base: **NR**; Cove Base Color: **NR**; Adhesive Color: **NR**;  
Walls: **NR**; Floors: **NR**; Ceiling: **NR**; Doors: **NR**;  
Fluorescent Light Fixtures: **NR**; Fluorescent Light Tubes: **NR**;  
Fluorescent Light Ballasts: **NR**; Fluorescent Light Ballasts Suspect for PCBs: **NR**;  
Surfacing Description: **NR**;  
Light Fixture Description: **NR**;  
Room Comments: **F1.5 in Kitchen and bathroom, could not access Apartment again.**

Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments

**Room: 6; Total Sq. Ft: NR**  
Cove Base: **4",wood**; Cove Base Color: **Black**; Adhesive Color: **Tan**;  
Walls: **Textured Drywall**; Floors: **Rolled Carpet,Sheet Flooring**; Ceiling: **Textured Drywall**; Doors: **Interior**;  
Fluorescent Light Fixtures: **1**; Fluorescent Light Tubes: **1**;  
Fluorescent Light Ballasts: **NR**; Fluorescent Light Ballasts Suspect for PCBs: **NR**;  
Surfacing Description: **Orange peel walls (mix between thicker and thinner) with troweled on ceiling**;  
Light Fixture Description: **One fixture T12 bulb 2ft**;  
Room Comments: **2 bed Kitchen/bathroom Floor F6.1 old vinyl. Also cover base Brown carpet, unsure of what is underneath Thick caulking around tub and kitchen counters**

Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.6abc</b>	<b>AB. Kitchen C. Bathroom</b>	<b>VSF with flower 12x12 design.</b>			

**Room: 7; Total Sq. Ft: NR**  
Cove Base: **NR**; Cove Base Color: **NR**; Adhesive Color: **NR**;  
Walls: **NR**; Floors: **NR**; Ceiling: **NR**; Doors: **NR**;  
Fluorescent Light Fixtures: **NR**; Fluorescent Light Tubes: **NR**;  
Fluorescent Light Ballasts: **NR**; Fluorescent Light Ballasts Suspect for PCBs: **NR**;  
Surfacing Description: **NR**;  
Light Fixture Description: **NR**;  
Room Comments: **F1.7 in Kitchen and bathroom**

Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
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<b>Room: 8; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 9; Total Sq. Ft: NR</b> Cove Base: <b>4"</b> ; Cove Base Color: <b>Light brown</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>1</b> ; Fluorescent Light Tubes: <b>1</b> ; Fluorescent Light Ballasts: <b>Need to verify</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: Attic; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>n/a</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>T12.1abc</b>	<b>A. West end B. Middle C. East end</b>	<b>Blown in insulation</b>			
<b>Room: East stairway and foyer; Total Sq. Ft: Stairway 16.5x9.5x16.5 Foyer 5x8x8</b> Cove Base: <b>4"</b> , <b>wood</b> ; Cove Base Color: <b>Gray</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Rolled Carpet, Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>no</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>All LED</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.2a</b>	<b>Closet corner</b>	<b>12x12 VSF, blue, green, black in color.</b>			
<b>M1.1c</b>	<b>Foyer closet</b>	<b>Drywall and joint compound</b>			
<b>M2.1c</b>	<b>Closet in foyer</b>	<b>Light brown cove base with cream adhesive</b>			
<b>S2.1b</b>	<b>East wall</b>	<b>Skip troweled surfacing</b>			
<b>S3.1e</b>	<b>Closet in foyer</b>	<b>Spray on wall surfacing. Orange peel</b>			



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

<b>Room: Exterior; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>M11.2abc</b>	<b>A. NE corner B. SW corner C. NW corner</b>	<b>Concrete foundation</b>			
<b>M8.2abc</b>	<b>A. North center B. SE corner C. North side, west corner area</b>	<b>Caulking</b>			
<b>Room: Laundry; Total Sq. Ft: 11x4.5x8 and 10x9x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.3 on floor</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.3abc</b>		<b>Diamond shaped VSF</b>		<b>This room</b>	
<b>M2.2abc</b>		<b>Dark brown cove base with adhesive.</b>		<b>Laundry plus one apartment-kitchen and bath.</b>	
<b>S2.1ac</b>	<b>west side and center</b>	<b>Skip troweled surfacing</b>		<b>All ceilings. Walls of Halls and stairways.</b>	
<b>S3.1b</b>	<b>Wall</b>	<b>Spray on wall surfacing. Orange peel</b>			
<b>Room: Main floor Hallway ; Total Sq. Ft: 6x77x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F6.1b</b>	<b>West end</b>	<b>Yellow carpet adhesive</b>			



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

<b>Room: Roof; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>R5.1a</b>	<b>NW awning</b>	<b>Roofing shingle with plastic underlayment.</b>			
<b>R5.1b</b>	<b>Shed roof to SW of building.</b>	<b>Roofing shingle with plastic underlayment</b>			
<b>Room: West stairway and foyer; Total Sq. Ft: Stairway 11x4x16 plus 16.5x4.5x8 Foyer 5x9x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>M1.1b</b>	<b>Foyer</b>	<b>Drywall and joint compound</b>			
<b>M2.1b</b>	<b>By entrance of foyer</b>	<b>Light brown cove base with cream adhesive</b>			
<b>S2.1d</b>	<b>Wall</b>	<b>Skip troweled surfacing</b>			
<b>S3.1c</b>	<b>Wall</b>	<b>Spray on wall surfacing. Orange peel</b>			



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

## Room Photos

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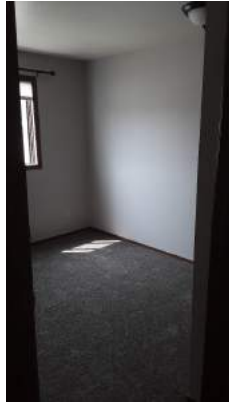




# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

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# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee





# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

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## Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee



2nd floor Hallway





# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

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# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

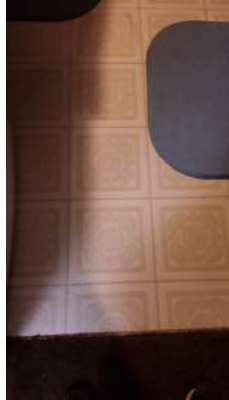
6





# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee





# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

Laundry





# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

## Building: Highland manor 2, south

Construction Date:	1993	Renovation Date(s):	
Structure Size:		Number of floors:	
Crawlspace?	N/A	Basement?	N/A
Attic?	N/A	Tunnel?	N/A
Comments:			

### Building Construction Information

Foundation:	Exterior Walls:
Frame/Structure:	Roof Type:
Wall/Ceiling Insulation:	
Comments:	

### HVAC System

HVAC Type(s):	
Duct Routing:	Pipe Routing:
Insulation:	
Comments:	

1325



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
on 07/19/2021 to 07/22/2021  
by Ryan McGee

## Room/Sample

<b>Room: 17; Total Sq. Ft: NR</b> Cove Base: <b>4", wood</b> ; Cove Base Color: <b>Gray</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Rolled Carpet, Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>n/a</b> ; Surfacing Description: <b>Sprayed on texture</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>Fire in 2017, new sheetrock in some portions. In bathroom different texturing F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Deviation</b>					<b>Fire in 2017, some drywall and carpet replaced</b>
<b>Room: 18; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.7 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 19; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>S3.2a</b>	<b>North wall</b>	<b>Sprayed on surfacing</b>		<b>All walls and ceiling except for ceiling of main floor hallway</b>	
<b>Room: 20; Total Sq. Ft: NR</b> Cove Base: <b>4", wood</b> ; Cove Base Color: <b>Gray</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>Interior</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>no</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>LED fixtures</b> ; Room Comments: <b>Pressed with wood with assumed adhesive above Kitchen cabinets F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
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<b>Room: 21; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.7 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 22; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>1</b> ; Fluorescent Light Tubes: <b>2</b> ; Fluorescent Light Ballasts: <b>1</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>no</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.7 in bathroom and Kitchen, F1.8 under boiler. Approx 3x3</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.7bc</b>	<b>B. Bathroom C. Kitchen</b>				
<b>F1.8a</b>	<b>Bathroom</b>	<b>VSF</b>		<b>In bathroom, about 3x3 chunk</b>	
<b>S3.2g</b>	<b>Closet</b>				
<b>Room: 23; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 24; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments



# Building Materials Inspection Field Notes

for Highland Manor Apartments  
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<b>Room: 25 Deviation; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>Could not enter.</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 26; Total Sq. Ft: NR</b> Cove Base: <b>4"</b> ; Cove Base Color: <b>Gray</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Rolled Carpet, Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>n/a</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.8 Older vinyl, same as downstairs closet in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 27; Total Sq. Ft: NR</b> Cove Base: <b>4", wood</b> ; Cove Base Color: <b>Gray</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Rolled Carpet, Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>Interior</b> ; Fluorescent Light Fixtures: <b>1</b> ; Fluorescent Light Tubes: <b>2</b> ; Fluorescent Light Ballasts: <b>1</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>no</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>2 t8 bulbs 4ft</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 28; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.1 in bathroom, F1.8 in Kitchen</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 29; Total Sq. Ft: NR</b> Cove Base: <b>4"</b> ; Cove Base Color: <b>Gray</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>1</b> ; Fluorescent Light Tubes: <b>2</b> ; Fluorescent Light Ballasts: <b>1</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>no</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>New vinyl. Put in Nov 2020 F1.1 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments



# Building Materials Inspection Field Notes

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<b>Room: 2nd floor hallway; Total Sq. Ft: 5.5x87.5x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 30; Total Sq. Ft: NR</b> Cove Base: <b>4",wood</b> ; Cove Base Color: <b>Gray</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Rolled Carpet,Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>n/a</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>Does not want us back.</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 31; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>F1.7 in Kitchen and bathroom</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: 32 check vinyl; Total Sq. Ft: NR</b> Cove Base: <b>4"</b> ; Cove Base Color: <b>Gray</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Rolled Carpet,Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>n/a</b> ; Surfacing Description: <b>Spray on</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>Old VSF in Kitchen only F1.8 New VSF in bathroom F1.1</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.1c</b>	<b>Bathroom</b>				
<b>F1.8b</b>	<b>Kitchen</b>	<b>VSF</b>			
<b>S3.2f</b>	<b>Closet</b>				



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<b>Room: Attic; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>Blown in fiberglass insulation</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: Bathroom code 1234; Total Sq. Ft: 10x8x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.1b</b>	<b>SW corner</b>	<b>Rectangle VSF, brown and grey marbled design</b>			
<b>S3.2c and M1.2a</b>	<b>SW corner</b>	<b>Sprayed on surfacing and drywall with joint compound</b>			
<b>Room: East stairway and foyer; Total Sq. Ft: Stairway 18x14x4 plus 18x4x8 Foyer 5x8x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.2b</b>	<b>SE corner in foyer</b>	<b>VSF 12x12 imitation brown and tan</b>			
<b>Room: Exterior ; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>M11.1abc</b>	<b>A. South side center B. NE corner C. NW corner</b>	<b>Concret foundation</b>			
<b>M8.1abc</b>	<b>A. South side center B. NW corner C. NE corner</b>	<b>Brown Caulking</b>			



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<b>Room: General information; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>Room: Laundry; Total Sq. Ft: 16x9x8</b> Cove Base: <b>4"</b> ; Cove Base Color: <b>Beige</b> ; Adhesive Color: <b>Tan</b> ; Walls: <b>Textured Drywall</b> ; Floors: <b>Sheet Flooring</b> ; Ceiling: <b>Textured Drywall</b> ; Doors: <b>Interior</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>no</b> ; Surfacing Description: <b>Different surfacing</b> ; Light Fixture Description: <b>All LED fixtures</b> ; Room Comments: <b>F1.7 on floor Very small mold behind cove base next to door</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.7a</b>	<b>South wall</b>	<b>VSF with small and large diamond design</b>			
<b>Room: Main floor hallway; Total Sq. Ft: 5.5x87.5x8 plus 7x12x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>4</b> ; Fluorescent Light Tubes: <b>8</b> ; Fluorescent Light Ballasts: <b>0</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>n/a</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>No ballasts, LED fixtures</b> ; Room Comments: <b>In closet under west stairway, mold repair of drywall.</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.8c</b>	<b>Closet by West stairway</b>	<b>VSF</b>		<b>5x3</b>	
<b>F6.2bc</b>	<b>Middle of hall by floor drain West side by laundry entrance.</b>	<b>Carpet adhesive</b>			
<b>M1.2bc</b>	<b>B. East wall above ceiling panels C. Closet next to Laundry.</b>	<b>Drywall and joint compound</b>			
<b>M5.1abc</b>	<b>A. West side B. Center C. East side</b>	<b>2x4 lay in ceiling panels</b>			
<b>S3.2e</b>	<b>West side above ceiling panels</b>	<b>Sprayed on surfacing</b>			



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<b>Room: Office; Total Sq. Ft: 23x6.5x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F6.2a</b>	<b>East side center</b>	<b>Carpet adhesive</b>			
<b>S3.2b</b>	<b>South wall</b>	<b>Sprayed on surfacing</b>			
<b>Room: Roof; Total Sq. Ft: NR</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>R5.1c</b>	<b>NW corner on lower roof portion</b>	<b>Asphalt shingles with plastic underlayment</b>			
<b>Room: West stairway and foyer; Total Sq. Ft: Stairway 12.5x9x13.5 Foyer 5x9x8</b> Cove Base: <b>NR</b> ; Cove Base Color: <b>NR</b> ; Adhesive Color: <b>NR</b> ; Walls: <b>NR</b> ; Floors: <b>NR</b> ; Ceiling: <b>NR</b> ; Doors: <b>NR</b> ; Fluorescent Light Fixtures: <b>NR</b> ; Fluorescent Light Tubes: <b>NR</b> ; Fluorescent Light Ballasts: <b>NR</b> ; Fluorescent Light Ballasts Suspect for PCBs: <b>NR</b> ; Surfacing Description: <b>NR</b> ; Light Fixture Description: <b>NR</b> ; Room Comments: <b>NR</b>					
Sample ID	Sample Location	Material Description	Color	Size of Sample	Sample Comments
<b>F1.2c</b>	<b>NE corner in foyer</b>	<b>VSF 12x12 imitation brown and tan</b>			
<b>S3.2d</b>	<b>South wall</b>	<b>Sprayed on surfacing</b>			



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## Room Photos

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# Building Materials Inspection Field Notes

for Highland Manor Apartments  
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by Ryan McGee

32 check vinyl



Attic





# Building Materials Inspection Field Notes

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Laundry





# Building Materials Inspection Field Notes

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## Sample Photos

S3.2b





**Highland Manor**

1315 and 1235 Jefferson Ave., Havre, MT 59501

Box Number	Device Number	Location	Exposure Period Start Date/Time	Exposure Period End Date/Time	Temperature (deg F)	Humidity (%)
273405	471161	05	10/26/21 14:40	10/29/21 15:23	68.0	60.0
273405	471307	05	10/26/21 14:40	10/29/21 15:23	68.0	60.0
273391	471339	Field blank (28)			68.0	70.0
273391	471323	Field blank (28)			68.0	70.0
273396	471160	28	10/26/21 13:09	10/29/21 15:01	66.0	70.0
273396	471075	28	10/26/21 13:09	10/29/21 15:01	66.0	70.0
273397	471044	26	10/26/21 13:14	10/29/21 14:59	76.0	30.0
273397	471072	26	10/26/21 13:14	10/29/21 14:59	76.0	30.0
273398	471051	17	10/26/21 13:22	10/29/21 14:57	68.0	60.0
273398	471191	17	10/26/21 13:22	10/29/21 14:57	68.0	60.0
272902	471569	19	10/26/21 13:30	10/29/21 14:52	68.0	70.0
272902	471475	19	10/26/21 13:30	10/29/21 14:52	68.0	70.0
273393	471196	18	10/26/21 13:34	10/29/21 14:55	70.0	70.0
273393	471205	18	10/26/21 13:34	10/29/21 14:55	70.0	70.0
272903	471496	24	10/26/21 13:37	10/29/21 14:50	72.0	50.0
272903	471572	24	10/26/21 13:37	10/29/21 14:50	72.0	50.0
273399	471338	20	10/26/21 13:43	10/29/21 14:49	72.0	60.0
273399	471389	20	10/26/21 13:43	10/29/21 14:49	72.0	60.0
272901	471514	23	10/26/21 13:45	10/29/21 14:45	72.0	50.0
272901	471570	23	10/26/21 13:45	10/29/21 14:45	72.0	50.0
273400	471358	22	10/26/21 13:46	10/29/21 14:43	72.0	60.0
273400	471306	22	10/26/21 13:46	10/29/21 14:43	72.0	60.0
273389	471256	21	10/26/21 13:49	10/29/21 14:41	76.0	50.0
273389	472109	21	10/26/21 13:49	10/29/21 14:41	76.0	50.0
273394	471220	14	10/26/21 13:56	10/29/21 14:38	68.0	20.0
273394	471242	14	10/26/21 13:56	10/29/21 14:38	68.0	20.0
273392	471222	15	10/26/21 14:01	10/29/21 14:35	72.0	60.0
273392	471327	15	10/26/21 14:01	10/29/21 14:35	72.0	60.0
272904	470666	01	10/26/21 14:06	10/29/21 14:30	90.0	20.0
272904	471503	01	10/26/21 14:06	10/29/21 14:30	90.0	20.0
273404	471344	02	10/26/21 14:10	10/29/21 14:28	76.0	30.0
273404	471274	02	10/26/21 14:10	10/29/21 14:28	76.0	30.0
273403	471283	08	10/26/21 14:14	10/29/21 14:25	68.0	40.0



Box Number	Device Number	Location	Exposure Period Start Date/Time	Exposure Period End Date/Time	Temperature (deg F)	Humidity (%)
273403	471184	08	10/26/21 14:14	10/29/21 14:25	68.0	40.0
273402	471286	03	10/26/21 14:18	10/29/21 14:22	72.0	60.0
273402	471378	03	10/26/21 14:18	10/29/21 14:22	72.0	60.0
273395	471221	07	10/26/21 14:21	10/29/21 14:24	72.0	70.0
273395	471215	07	10/26/21 14:21	10/29/21 14:24	72.0	70.0
272905	470652	04	10/26/21 14:28	10/29/21 14:19	70.0	60.0
272905	471564	04	10/26/21 14:28	10/29/21 14:19	70.0	60.0
273401	471337	06	10/26/21 14:32	10/29/21 14:16	72.0	50.0
273401	472291	06	10/26/21 14:32	10/29/21 14:16	72.0	50.0
273390	471367	Transit Blank			68.0	60.0
273390	471335	Transit Blank			68.0	60.0



## Highland Manor, 350.0044.006

Created	2021-10-26 12:44:50 MDT by Michael Kelly
Updated	2021-11-16 16:38:08 MST by Michael Kelly
Select Project	350.0044.006: 2021 Bear Paw Development Corporation Br
Project Name	Highland Manor
Personnel	M. Kelly and C. Hileman

Exterior Photos



Project Number	350.0044.006
Property Address	1315 and 1235 Jefferson Ave., Havre, MT 59501
Clients	Bear Paw Development Corporation

## Report Email Delivery

Enter different email for delivery ( multiple emails may be separated by ',' if desired)

Chileman@newfields.com, mkelly@newfields.com



Email that will be used for report delivery	Chileman@newfields.com, mkelly@newfields.com
report_file_name	350.0044.006_RadonCOC_MKaCH
report_email_subject	Radon COC 350.0044.006

## Radon Testing

28, 2021-10-26, 13:09, 2021-10-29, 15:01

Room ID or Number	28
Have closed building conditons been met prior to testing?	Yes
Location of Device	Counter between Living Room and Kitchen.
Start Date (testing)	2021-10-26
Start Time (testing)	13:09
Box Barcode	273396
1st Device Barcode	471160
2nd Device Barcode	471075
Starting Temperature indoor - Fahrenheit	64
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	15:01
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	66
End Humidity indoor - percent	70



# Stop Sampling Photo



## Comments

A field blank was stored beside here.

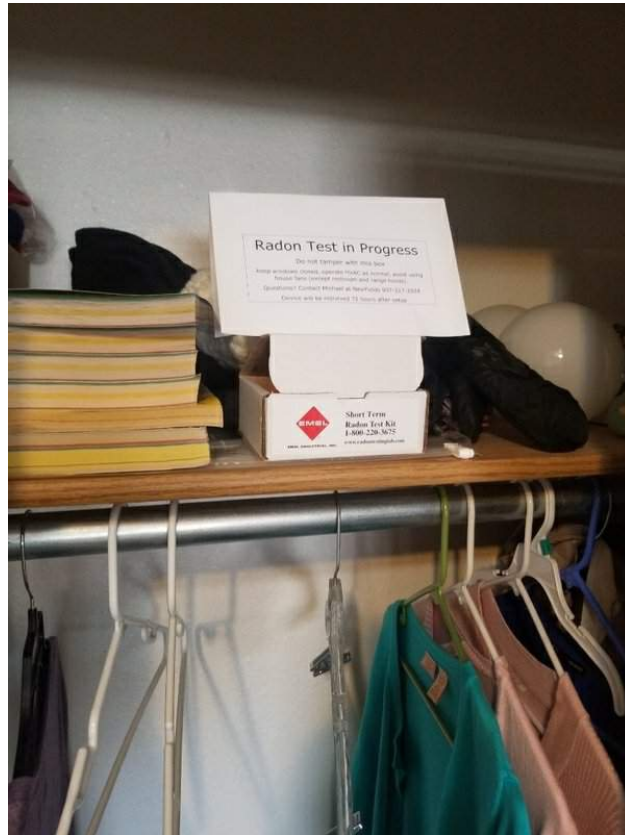
3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

26, 2021-10-26, 13:14, 2021-10-29, 14:59

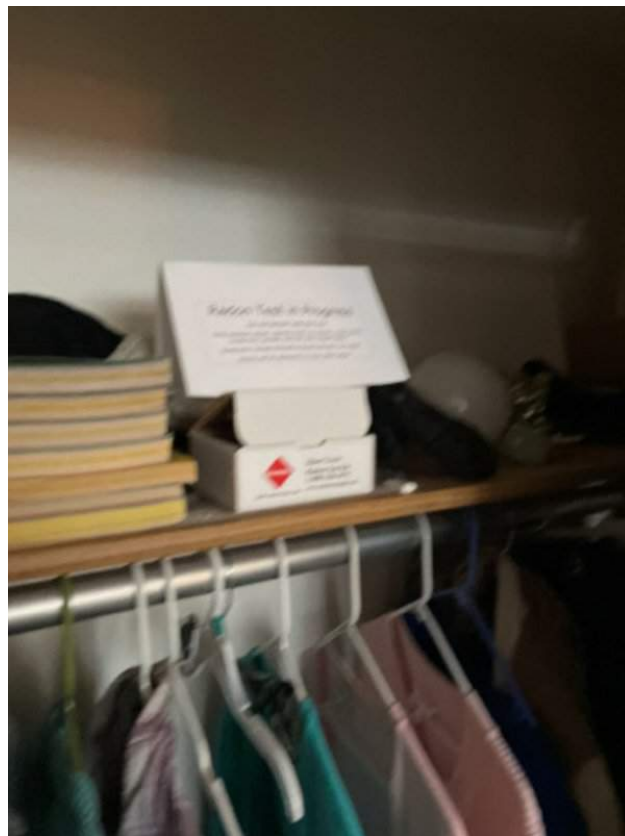
Room ID or Number	26
Have closed building conditons been met prior to testing?	Yes
Location of Device	Closet in living room
Start Date (testing)	2021-10-26
Start Time (testing)	13:14
Box Barcode	273397
1st Device Barcode	471044
2nd Device Barcode	471072
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:59
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	76
End Humidity indoor - percent	30



Start Sampling Photo



Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.



17, 2021-10-26, 13:22, 2021-10-29, 14:57

Room ID or Number	17
Have closed building conditons been met prior to testing?	Yes
Location of Device	On stereo on north wall of living room
Start Date (testing)	2021-10-26
Start Time (testing)	13:22
Box Barcode	273398
1st Device Barcode	471051
2nd Device Barcode	471191
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:57
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	68
End Humidity indoor - percent	60

Start Sampling Photo





Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

19, 2021-10-26, 13:30, 2021-10-29, 14:52

Room ID or Number	19
Have closed building conditons been met prior to testing?	Yes
Location of Device	Behind TV in living room
Start Date (testing)	2021-10-26
Start Time (testing)	13:30
Box Barcode	272902
1st Device Barcode	471569
2nd Device Barcode	471475
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:52
Have "closed-building" conditions been maintained?	No
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	68
End Humidity indoor - percent	70



Start Sampling Photo



Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.



18, 2021-10-26, 13:34, 2021-10-29, 14:55

Room ID or Number	18
Have closed building conditons been met prior to testing?	Yes
Location of Device	In living room closet
Start Date (testing)	2021-10-26
Start Time (testing)	13:34
Box Barcode	273393
1st Device Barcode	471196
2nd Device Barcode	471205
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:55
Have "closed-building" conditions been maintained?	No
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	70
End Humidity indoor - percent	70

Start Sampling Photo





Stop Sampling Photo



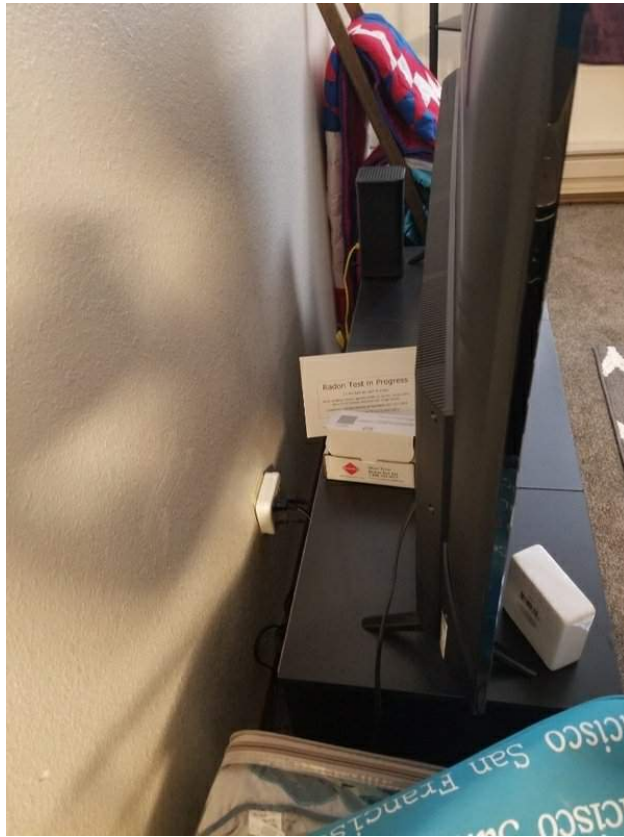
3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

**24, 2021-10-26, 13:37, 2021-10-29, 14:50**

Room ID or Number	24
Have closed building conditons been met prior to testing?	Yes
Location of Device	Behing living room TV
Start Date (testing)	2021-10-26
Start Time (testing)	13:37
Box Barcode	272903
1st Device Barcode	471496
2nd Device Barcode	471572
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:50
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	72
End Humidity indoor - percent	50



Start Sampling Photo



Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.



20, 2021-10-26, 13:43, 2021-10-29, 14:49

Room ID or Number	20
Have closed building conditons been met prior to testing?	Yes
Location of Device	In living room closet
Start Date (testing)	2021-10-26
Start Time (testing)	13:43
Box Barcode	273399
1st Device Barcode	471338
2nd Device Barcode	471389
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:49
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	72
End Humidity indoor - percent	60

Start Sampling Photo





Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

23, 2021-10-26, 13:45, 2021-10-29, 14:45

Room ID or Number	23
Have closed building conditons been met prior to testing?	Yes
Location of Device	Behind living room TV
Start Date (testing)	2021-10-26
Start Time (testing)	13:45
Box Barcode	272901
1st Device Barcode	471514
2nd Device Barcode	471570
Starting Temperature indoor - Fahrenheit	70
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:45
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	72
End Humidity indoor - percent	50



Start Sampling Photo



Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.



22, 2021-10-26, 13:46, 2021-10-29, 14:43

Room ID or Number	22
Have closed building conditons been met prior to testing?	Yes
Location of Device	In living room closet
Start Date (testing)	2021-10-26
Start Time (testing)	13:46
Box Barcode	273400
1st Device Barcode	471358
2nd Device Barcode	471306
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:43
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	72
End Humidity indoor - percent	60

Start Sampling Photo





Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

21, 2021-10-26, 13:49, 2021-10-29, 14:41

Room ID or Number	21
Have closed building conditons been met prior to testing?	Yes
Location of Device	On cabinet shelf in Living room, just right of doorway
Start Date (testing)	2021-10-26
Start Time (testing)	13:49
Box Barcode	273389
1st Device Barcode	471256
2nd Device Barcode	472109
Starting Temperature indoor - Fahrenheit	72
Starting Humidity indoor - percent	60
Stop Date	2021-10-29
Stop Time	14:41
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	76
End Humidity indoor - percent	50



Start Sampling Photo



Stop Sampling Photo



Comments Oxygen tanks and other small medical related fans.

3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

14, 2021-10-26, 13:56, 2021-10-29, 14:38

Room ID or Number 14

Have closed building conditons been met prior to testing? Yes



Location of Device	In living room, below TV
Start Date (testing)	2021-10-26
Start Time (testing)	13:56
Box Barcode	273394
1st Device Barcode	471220
2nd Device Barcode	471242
Starting Temperature indoor - Fahrenheit	66
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:38
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	68
End Humidity indoor - percent	20

Start Sampling Photo





Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

15, 2021-10-26, 14:01, 2021-10-29, 14:35

Room ID or Number	15
Have closed building conditons been met prior to testing?	Yes
Location of Device	In living room closet
Start Date (testing)	2021-10-26
Start Time (testing)	14:01
Box Barcode	273392
1st Device Barcode	471222
2nd Device Barcode	471327
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:35
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	72
End Humidity indoor - percent	60



Start Sampling Photo



Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

01, 2021-10-26, 14:06, 2021-10-29, 14:30

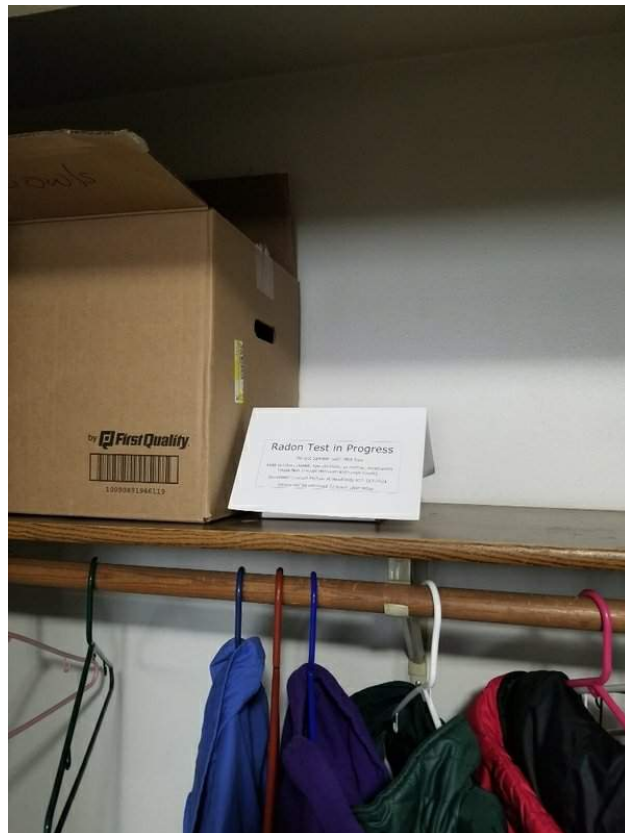
Room ID or Number	01
-------------------	----

Have closed building conditons been met prior to testing?	Yes
---	-----

Location of Device	Living room closet
--------------------	--------------------

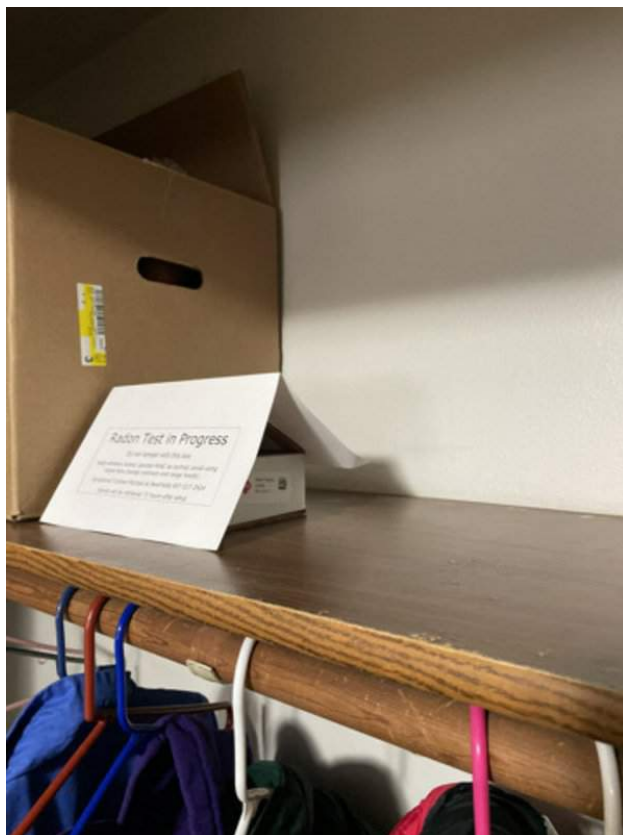


Start Date (testing)	2021-10-26
Start Time (testing)	14:06
Box Barcode	272904
1st Device Barcode	470666
2nd Device Barcode	471503
Starting Temperature indoor - Fahrenheit	66
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:30
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	90
End Humidity indoor - percent	20
Start Sampling Photo	





Stop Sampling Photo



Comments Temperature was very warm. It was above the 88 degrees on the measurement inside the box.

3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

**02, 2021-10-26, 14:10, 2021-10-29, 14:28**

Room ID or Number	02
Have closed building conditons been met prior to testing?	Yes
Location of Device	On freezer in living room
Start Date (testing)	2021-10-26
Start Time (testing)	14:10
Box Barcode	273404
1st Device Barcode	471344
2nd Device Barcode	471274
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:28
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	76
End Humidity indoor - percent	30



Start Sampling Photo



Stop Sampling Photo



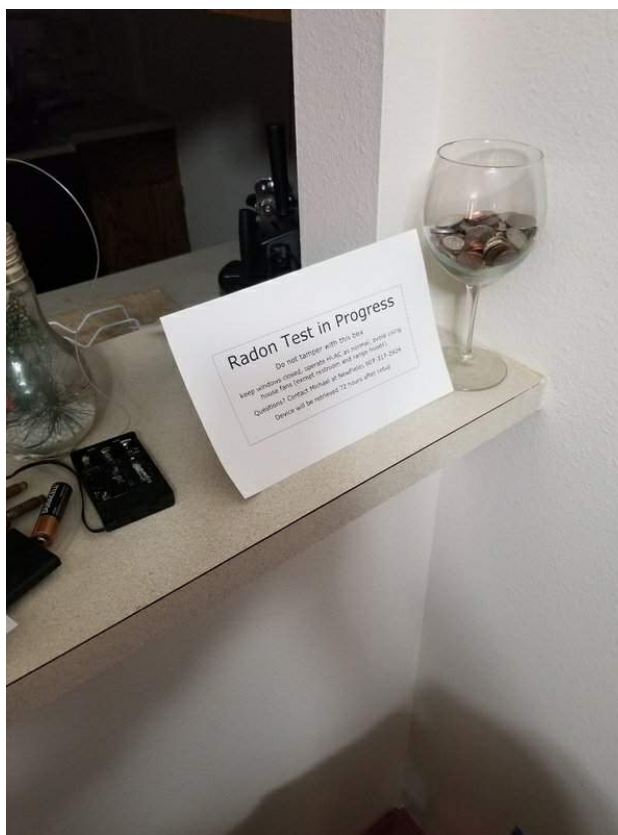
3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.



08, 2021-10-26, 14:14, 2021-10-29, 14:25

Room ID or Number	08
Have closed building conditons been met prior to testing?	Yes
Location of Device	On counter between living room and kitchen
Start Date (testing)	2021-10-26
Start Time (testing)	14:14
Box Barcode	273403
1st Device Barcode	471283
2nd Device Barcode	471184
Starting Temperature indoor - Fahrenheit	70
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:25
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	68
End Humidity indoor - percent	40

Start Sampling Photo





Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

03, 2021-10-26, 14:18, 2021-10-29, 14:22

Room ID or Number	03
Have closed building conditons been met prior to testing?	Yes
Location of Device	On counter in living room
Start Date (testing)	2021-10-26
Start Time (testing)	14:18
Box Barcode	273402
1st Device Barcode	471286
2nd Device Barcode	471378
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:22
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	72
End Humidity indoor - percent	60



Start Sampling Photo



Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.



07, 2021-10-26, 14:21, 2021-10-29, 14:24

Room ID or Number	07
Have closed building conditons been met prior to testing?	Yes
Location of Device	Behind TV in Living room
Start Date (testing)	2021-10-26
Start Time (testing)	14:21
Box Barcode	273395
1st Device Barcode	471221
2nd Device Barcode	471215
Starting Temperature indoor - Fahrenheit	76
Starting Humidity indoor - percent	60
Stop Date	2021-10-29
Stop Time	14:24
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	72
End Humidity indoor - percent	70

Start Sampling Photo





Stop Sampling Photo



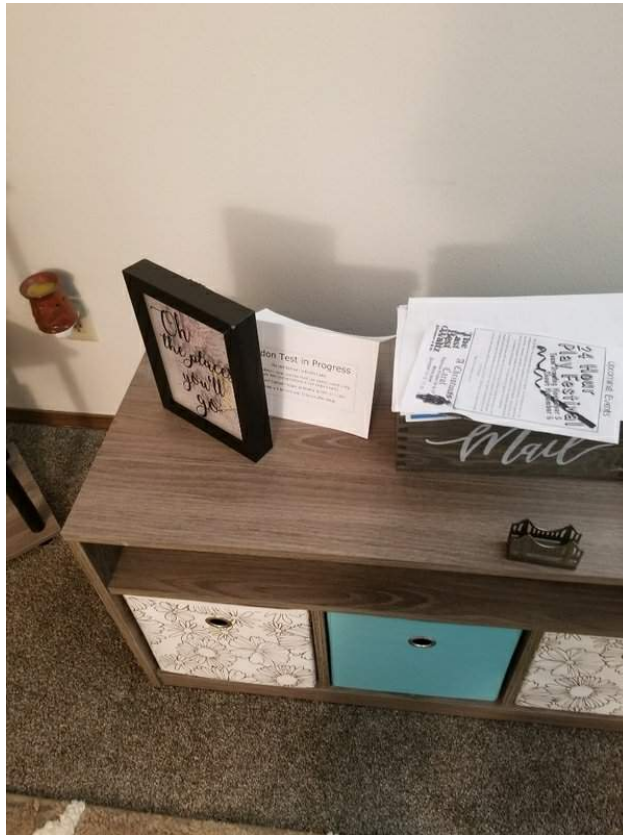
3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

**04, 2021-10-26, 14:28, 2021-10-29, 14:19**

Room ID or Number	04
Have closed building conditons been met prior to testing?	Yes
Location of Device	On counter in living room
Start Date (testing)	2021-10-26
Start Time (testing)	14:28
Box Barcode	272905
1st Device Barcode	470652
2nd Device Barcode	471564
Starting Temperature indoor - Fahrenheit	70
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:19
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	70
End Humidity indoor - percent	60



Start Sampling Photo



Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.



06, 2021-10-26, 14:32, 2021-10-29, 14:16

Room ID or Number	06
Have closed building conditons been met prior to testing?	Yes
Location of Device	Behind TV in living room
Start Date (testing)	2021-10-26
Start Time (testing)	14:32
Box Barcode	273401
1st Device Barcode	471337
2nd Device Barcode	472291
Starting Temperature indoor - Fahrenheit	70
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	14:16
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	72
End Humidity indoor - percent	50

Start Sampling Photo





Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.

05, 2021-10-26, 14:40, 2021-10-29, 15:23

Room ID or Number	05
Have closed building conditons been met prior to testing?	Yes
Location of Device	Behind TV in living room
Start Date (testing)	2021-10-26
Start Time (testing)	14:40
Box Barcode	273405
1st Device Barcode	471161
2nd Device Barcode	471307
Starting Temperature indoor - Fahrenheit	72
Starting Humidity indoor - percent	50
Stop Date	2021-10-29
Stop Time	15:23
Have "closed-building" conditions been maintained?	Yes
Has device been disturbed?	No
End Temperature indoor - Fahrenheit	68
End Humidity indoor - percent	60



Start Sampling Photo



Stop Sampling Photo



3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.



## Field blank (28)

Room ID or Number	Field blank (28)
Location of Device	Field blank beside #28
Box Barcode	273391
1st Device Barcode	471339
2nd Device Barcode	471323
Starting Temperature indoor - Fahrenheit	66
Starting Humidity indoor - percent	50
End Temperature indoor - Fahrenheit	68
End Humidity indoor - percent	70
Comments	Field blank beside #28
3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.	

## Transit Blank

Room ID or Number	Transit Blank
Location of Device	Remained with vehicle
Box Barcode	273390
1st Device Barcode	471367
2nd Device Barcode	471335
Starting Temperature indoor - Fahrenheit	68
Starting Humidity indoor - percent	50
End Temperature indoor - Fahrenheit	68
End Humidity indoor - percent	60
Comments	Transit blank from same shipment. This set travelled with the other samples, but was kept in the vehicle instead of leaving onsite.
3' from windows and doors, 1' from exterior walls, 20" above floor, 1' below ceiling and preferred height less than 8' above floor. Avoid high humidity, small spaces, drafts, heat sources, direct sunlight, and natural rocks.	
Designated Duration	Short Term
Testing Device	Passive
Type of Devices Used	Dual liquid scintillating cartridges

## Fall

Season	Fall
--------	------

## 2021-10-26

Date	2021-10-26
Weather Conditions	Mostly Clear, 18 mph wind
Temperature (F)	52

## Highland Manor buildings

Building ID	Highland Manor buildings
-------------	--------------------------

## Basement or Crawlspce

Type	Slab on grade
Floor	Concrete
Access	NA



### Possible radon entry locations

Cracks in concrete slab?	No
Cracks in foundation walls?	No
Floor drains with dry p-traps?	No
Sump pumps without sealed covers?	No
Any unsealed joints?	No
Any areas of exposed dirt?	No
Any gaps around service pipes?	No
Is there insufficient ventilation?	No

### Water Service

Water Service Type	Public
Water Sample Collected?	No



# Appendix C



## Laboratory Reports



**ASBESTOS**





July 30, 2021

NewFields  
104 E Broadway  
Helena, MT 59601

**CLIENT PROJECT:** Highland Manor 1 and 2, 350.0044.006  
**CEI LAB CODE:** A2110642

Dear Customer:

Enclosed are asbestos analysis results for PLM Bulk samples received at our laboratory on July 23, 2021. The samples were analyzed for asbestos using polarizing light microscopy (PLM) per the EPA 600 Method.

Sample results containing >1% asbestos are considered asbestos-containing materials (ACMs) per EPA regulatory requirements. The detection limit for the EPA 600 Method is <1% asbestos by weight as determined by visual estimation.

Thank you for your business and we look forward to continuing good relations.

Kind Regards,

A handwritten signature in black ink, appearing to read "Tianbao Bai".

Tianbao Bai, Ph.D., CIH  
Laboratory Director







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## **ASBESTOS ANALYTICAL REPORT**

### **By: Polarized Light Microscopy**

**Prepared for**

**NewFields**

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CLIENT PROJECT: Highland Manor 1 and 2, 350.0044.006

LAB CODE: A2110642

TEST METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

REPORT DATE: 07/30/21

TOTAL SAMPLES ANALYZED: 84

# SAMPLES >1% ASBESTOS:





# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Highland Manor 1 and 2, 350.0044.006

**LAB CODE:** A2110642

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
S3.1a		A151967	White	Spray On Wall Surfacing	None Detected
S3.1b	Layer 1	A151968	White	Spray On Wall Surfacing	None Detected
	Layer 2	A151968	White	Drywall	None Detected
S3.1c		A151969	White	Spray On Wall Surfacing	None Detected
S3.1d	Layer 1	A151970	White	Spray On Wall Surfacing	None Detected
	Layer 2	A151970	White	Drywall	None Detected
S3.1e	Layer 1	A151971	White	Spray On Wall Surfacing	None Detected
	Layer 2	A151971	White	Drywall	None Detected
S3.1f	Layer 1	A151972	White	Spray On Wall Surfacing	None Detected
	Layer 2	A151972	White	Drywall	None Detected
S3.1g	Layer 1	A151973	White	Spray On Wall Surfacing	None Detected
	Layer 2	A151973	White	Drywall	None Detected
M1.1a		A151974	White	Drywall/Joint Compound	None Detected
M1.1b		A151975	White	Drywall/Joint Compound	None Detected
M1.1c		A151976	White	Drywall/Joint Compound	None Detected
M21.1a		A151977	Brown	Wall Adhesive	None Detected
M21.1b		A151978	Brown	Wall Adhesive	None Detected
M21.1c		A151979	Brown	Wall Adhesive	None Detected
S2.1a		A151980	White	Skip Troweled Surfacing	None Detected
S2.1b	Layer 1	A151981	White	Skip Troweled Surfacing	None Detected
	Layer 2	A151981	White	Drywall	None Detected
S2.1c		A151982	White	Skip Troweled Surfacing	None Detected
S2.1d	Layer 1	A151983	White	Skip Troweled Surfacing	None Detected
	Layer 2	A151983	White	Drywall	None Detected
S2.1e	Layer 1	A151984	White	Skip Troweled Surfacing	None Detected
	Layer 2	A151984	White	Drywall	None Detected
S2.1f	Layer 1	A151985	White	Skip Troweled Surfacing	None Detected
	Layer 2	A151985	White	Drywall	None Detected
S2.1g	Layer 1	A151986	White	Skip Troweled Surfacing	None Detected
M2.1a		A151987A	Light Brown	Cove Base	None Detected
		A151987B	Beige	Adhesive	None Detected





# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Highland Manor 1 and 2, 350.0044.006

**LAB CODE:** A2110642

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M2.1b		A151988A	Light Brown	Cove Base	None Detected
		A151988B	Beige	Adhesive	None Detected
M2.1c		A151989A	Light Brown	Cove Base	None Detected
		A151989B	Beige	Adhesive	None Detected
F1.1a		A151990A	Brown	Vsf	None Detected
	Layer 1	A151990B	Green	Mastic	None Detected
	Layer 2	A151990B	Gray	Leveling Compound	None Detected
F1.1b		A151991A	Brown	Vsf	None Detected
	Layer 1	A151991B	Green	Mastic	None Detected
	Layer 2	A151991B	Gray	Leveling Compound	None Detected
F1.1c		A151992A	Brown	Vsf	None Detected
		A151992B	Yellow	Mastic	None Detected
F1.2a		A151993	Brown,Tan	Vsf	None Detected
F1.2b		A151994	Brown,Tan	Vsf	None Detected
F1.2c		A151995	Brown,Tan	Vsf	None Detected
F1.3a		A151996A	Diamond Shape,Beige	Vsf	None Detected
		A151996B	Yellow	Mastic	None Detected
F1.3b		A151997A	Diamond Shape,Beige	Vsf	None Detected
		A151997B	Yellow	Mastic	None Detected
F1.3c		A151998A	Diamond Shape,Beige	Vsf	None Detected
		A151998B	Yellow	Mastic	None Detected
M2.2a		A151999A	Dark Brown	Cove Base	None Detected
		A151999B	Tan	Adhesive	None Detected
M2.2b		A152000A	Dark Brown	Cove Base	None Detected
		A152000B	Tan	Adhesive	None Detected
M2.2c		A152001A	Dark Brown	Cove Base	None Detected
		A152001B	Tan	Adhesive	None Detected
F6.1a		A152002	Yellow	Mastic	None Detected
F6.1b		A152003	Yellow	Mastic	None Detected





# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

**PROJECT:** Highland Manor 1 and 2, 350.0044.006

**LAB CODE:** A2110642

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
F6.1c		A152004	Yellow	Mastic	None Detected
R5.1a	Layer 1	A152005	Brown,Black	Roofing Shingle	None Detected
	Layer 2	A152005	White	Underlayment	None Detected
R5.1b	Layer 1	A152006	Brown,Black	Roofing Shingle	None Detected
	Layer 2	A152006	White	Underlayment	None Detected
R5.1c	Layer 1	A152007	Brown,Black	Roofing Shingle	None Detected
	Layer 2	A152007	White	Underlayment	None Detected
S3.2a		A152008	White	Spray-on Surfacing	None Detected
S3.2b		A152009	White	Spray-on Surfacing	None Detected
S3.2c		A152010	White	Spray-on Surfacing	None Detected
S3.2d	Layer 1	A152011	White	Spray-on Surfacing	None Detected
	Layer 2	A152011	White	Drywall	None Detected
S3.2e	Layer 1	A152012	White	Spray-on Surfacing	None Detected
	Layer 2	A152012	White	Drywall	None Detected
S3.2f	Layer 1	A152013	White	Spray-on Surfacing	None Detected
	Layer 2	A152013	White	Drywall	None Detected
S3.2g	Layer 1	A152014	White	Spray-on Surfacing	None Detected
	Layer 2	A152014	White	Drywall	None Detected
F6.2a		A152015	Yellow	Carpet Adhesive	None Detected
F6.2b		A152016	Yellow	Carpet Adhesive	None Detected
F6.2c		A152017	Yellow	Carpet Adhesive	None Detected
M1.2a		A152018	White	Drywall/Joint Compound	None Detected
M1.2b		A152019	White	Drywall/Joint Compound	None Detected
M1.2c		A152020	White	Drywall/Joint Compound	None Detected
F1.4a		A152021	Tan,Marble Design	Vsf	None Detected
F1.4b		A152022	Tan,Marble Design	Vsf	None Detected
F1.4c		A152023	Tan,Marble Design	Vsf	None Detected
F1.6a		A152024	Beige,Flower Design	Vsf	None Detected





# Asbestos Report Summary

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**LAB CODE:** A2110642

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
F1.6b		A152025	Beige, Flower Design	Vsf	None Detected
F1.6c		A152026	Beige, Flower Design	Vsf	None Detected
F1.7a		A152027	Tan	Vsf	None Detected
F1.7b		A152028A	Tan	Vsf	None Detected
		A152028B	Tan	Mastic	None Detected
F1.7c		A152029A	Tan	Vsf	None Detected
		A152029B	Tan	Mastic	None Detected
M5.1a		A152030	White	Lay-in Ceiling Panel	None Detected
M5.1b		A152031	White	Lay-in Ceiling Panel	None Detected
M5.1c		A152032	White	Lay-in Ceiling Panel	None Detected
F1.8a		A152033A	Tan, Small Squares	Vsf	None Detected
		A152033B	Tan	Mastic	None Detected
F1.8b		A152034A	Tan, Small Squares	Vsf	None Detected
		A152034B	Tan	Mastic	None Detected
F1.8c		A152035A	Tan, Small Squares	Vsf	None Detected
		A152035B	Tan	Mastic	None Detected
M11.1a		A152036	Gray	Concrete Foundation	None Detected
M11.1b		A152037	Gray	Concrete Foundation	None Detected
M11.1c		A152038	Gray	Concrete Foundation	None Detected
M8.1a		A152039	Gray	Caulking	None Detected
M8.1b		A152040	Gray	Caulking	None Detected
M8.1c		A152041	Gray	Caulking	None Detected
M11.2a		A152042	Gray	Concrete Foundation	None Detected
M11.2b		A152043	Gray	Concrete Foundation	None Detected
M11.2c		A152044	Gray	Concrete Foundation	None Detected
M8.2a		A152045	Gray	Caulking	None Detected
M8.2b		A152046	Gray	Caulking	None Detected





## Asbestos Report Summary

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**PROJECT:** Highland Manor 1 and 2, 350.0044.006

**LAB CODE:** A2110642

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**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
M8.2c		A152047	Gray	Caulking	None Detected
T12.1a		A152048	White	Blown In Insulation	None Detected
T12.1b		A152049	White	Blown In Insulation	None Detected
T12.1c		A152050	White	Blown In Insulation	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S3.1a</b> A151967	Spray On Wall Surfacing	Heterogeneous			60%	Binder	None Detected
		White			35%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
<b>S3.1b</b> Layer 1 A151968	Spray On Wall Surfacing	Heterogeneous			60%	Binder	None Detected
		White			35%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
Layer 2 A151968	Drywall	Heterogeneous	15%	Cellulose	85%	Gypsum	None Detected
		White Fibrous Bound					
<b>S3.1c</b> A151969	Spray On Wall Surfacing	Heterogeneous			60%	Binder	None Detected
		White			35%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
<b>S3.1d</b> Layer 1 A151970	Spray On Wall Surfacing	Heterogeneous			60%	Binder	None Detected
		White			35%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					
Layer 2 A151970	Drywall	Heterogeneous	15%	Cellulose	85%	Gypsum	None Detected
		White Fibrous Bound					
<b>S3.1e</b> Layer 1 A151971	Spray On Wall Surfacing	Heterogeneous			60%	Binder	None Detected
		White			35%	Calc Carb	
		Non-fibrous			5%	Paint	
		Bound					





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104 E Broadway  
Helena, MT 59601

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**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A151971	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>S3.1f</b> Layer 1 A151972	Spray On Wall Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A151972	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>S3.1g</b> Layer 1 A151973	Spray On Wall Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A151973	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>M1.1a</b> A151974	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	73% 10% 2%	Gypsum Calc Carb Paint	None Detected
<b>M1.1b</b> A151975	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	73% 10% 2%	Gypsum Calc Carb Paint	None Detected





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## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
M1.1c A151976	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	73% 10% 2%	Gypsum Calc Carb Paint	None Detected
M21.1a A151977	Wall Adhesive	Homogeneous Brown Non-fibrous Bound			100%	Mastic	None Detected
M21.1b A151978	Wall Adhesive	Homogeneous Brown Non-fibrous Bound			100%	Mastic	None Detected
M21.1c A151979	Wall Adhesive	Homogeneous Brown Non-fibrous Bound			100%	Mastic	None Detected
S2.1a A151980	Skip Troweled Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
S2.1b Layer 1 A151981	Skip Troweled Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A151981	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected





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**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S2.1c</b> A151982	Skip Troweled Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
<b>S2.1d</b> Layer 1 A151983	Skip Troweled Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A151983	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>S2.1e</b> Layer 1 A151984	Skip Troweled Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A151984	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>S2.1f</b> Layer 1 A151985	Skip Troweled Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A151985	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected





# ASBESTOS BULK ANALYSIS

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104 E Broadway  
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**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>S2.1g</b> Layer 1 A151986	Skip Troweled Surfacing	Heterogeneous White Non-fibrous Bound	60% 35% 5%	Binder Calc Carb Paint	None Detected
<b>M2.1a</b> A151987A	Cove Base	Homogeneous Light Brown Non-fibrous Tightly Bound	100%	Vinyl	None Detected
A151987B	Adhesive	Homogeneous Beige Non-fibrous Bound	100%	Mastic	None Detected
<b>M2.1b</b> A151988A	Cove Base	Homogeneous Light Brown Non-fibrous Tightly Bound	100%	Vinyl	None Detected
A151988B	Adhesive	Homogeneous Beige Non-fibrous Bound	100%	Mastic	None Detected
<b>M2.1c</b> A151989A	Cove Base	Homogeneous Light Brown Non-fibrous Tightly Bound	100%	Vinyl	None Detected
A151989B	Adhesive	Homogeneous Beige Non-fibrous Bound	100%	Mastic	None Detected





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**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F1.1a A151990A	Vsf	Homogeneous Brown Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
Layer 1 A151990B	Mastic	Homogeneous Green Non-fibrous Bound			100%	Mastic	None Detected
Layer 2 A151990B	Leveling Compound	Homogeneous Gray Non-fibrous Bound			100%	Binder	None Detected
F1.1b A151991A	Vsf	Homogeneous Brown Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
Layer 1 A151991B	Mastic	Homogeneous Green Non-fibrous Bound			100%	Mastic	None Detected
Layer 2 A151991B	Leveling Compound	Homogeneous Gray Non-fibrous Bound			100%	Binder	None Detected
F1.1c A151992A	Vsf	Homogeneous Brown Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected





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## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
A151992B	Mastic	Homogeneous Yellow Non-fibrous Bound			100%	Mastic	None Detected
<b>F1.2a</b> A151993	Vsf	Heterogeneous Brown,Tan Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
<b>F1.2b</b> A151994	Vsf	Heterogeneous Brown,Tan Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
<b>F1.2c</b> A151995	Vsf	Heterogeneous Brown,Tan Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
<b>F1.3a</b> A151996A	Vsf	Heterogeneous Diamond Shape, Beige Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
A151996B	Mastic	Homogeneous Yellow Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>F1.3b</b> A151997A	Vsf	Heterogeneous Diamond Shape, Beige Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected





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## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
A151997B	Mastic	Homogeneous Yellow Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>F1.3c</b> A151998A	Vsf	Heterogeneous Diamond Shape, Beige Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
A151998B	Mastic	Homogeneous Yellow Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>M2.2a</b> A151999A	Cove Base	Homogeneous Dark Brown Non-fibrous Tightly Bound			100%	Vinyl	None Detected
A151999B	Adhesive	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>M2.2b</b> A152000A	Cove Base	Homogeneous Dark Brown Non-fibrous Tightly Bound			100%	Vinyl	None Detected
A152000B	Adhesive	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected





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## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>M2.2c</b> A152001A	Cove Base	Homogeneous Dark Brown Non-fibrous Tightly Bound			100%	Vinyl	None Detected
A152001B	Adhesive	Homogeneous Tan Non-fibrous Bound			100%	Mastic	None Detected
<b>F6.1a</b> A152002	Mastic	Homogeneous Yellow Non-fibrous Bound	<1%	Synthetic Fiber	100%	Mastic	None Detected
<b>F6.1b</b> A152003	Mastic	Homogeneous Yellow Non-fibrous Bound	<1%	Synthetic Fiber	100%	Mastic	None Detected
<b>F6.1c</b> A152004	Mastic	Homogeneous Yellow Non-fibrous Bound	<1%	Synthetic Fiber	100%	Mastic	None Detected
<b>R5.1a</b> Layer 1 A152005	Roofing Shingle	Heterogeneous Brown,Black Fibrous Bound	30%	Fiberglass	60% 10%	Tar Gravel	None Detected
Layer 2 A152005	Underlayment	Homogeneous White Fibrous Bound	15%	Fiberglass	85%	Binder	None Detected





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**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>R5.1b</b> Layer 1 A152006	Roofing Shingle	Heterogeneous Brown,Black Fibrous Bound	30%	Fiberglass	60%	Tar Gravel	None Detected
Layer 2 A152006	Underlayment	Homogeneous White Fibrous Bound	15%	Fiberglass	85%	Binder	None Detected
<b>R5.1c</b> Layer 1 A152007	Roofing Shingle	Heterogeneous Brown,Black Fibrous Bound	30%	Fiberglass	60%	Tar Gravel	None Detected
Layer 2 A152007	Underlayment	Homogeneous White Fibrous Bound	15%	Fiberglass	85%	Binder	None Detected
<b>S3.2a</b> A152008	Spray-on Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
<b>S3.2b</b> A152009	Spray-on Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
<b>S3.2c</b> A152010	Spray-on Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>S3.2d</b> Layer 1 A152011	Spray-on Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A152011	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>S3.2e</b> Layer 1 A152012	Spray-on Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A152012	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>S3.2f</b> Layer 1 A152013	Spray-on Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected
Layer 2 A152013	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
<b>S3.2g</b> Layer 1 A152014	Spray-on Surfacing	Heterogeneous White Non-fibrous Bound			60% 35% 5%	Binder Calc Carb Paint	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
Layer 2 A152014	Drywall	Heterogeneous White Fibrous Bound	15%	Cellulose	85%	Gypsum	None Detected
F6.2a A152015	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound	<1%	Synthetic Fiber	100%	Mastic	None Detected
F6.2b A152016	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound	<1%	Synthetic Fiber	100%	Mastic	None Detected
F6.2c A152017	Carpet Adhesive	Homogeneous Yellow Non-fibrous Bound	<1%	Synthetic Fiber	100%	Mastic	None Detected
M1.2a A152018	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	73% 10% 2%	Gypsum Calc Carb Paint	None Detected
M1.2b A152019	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	73% 10% 2%	Gypsum Calc Carb Paint	None Detected
M1.2c A152020	Drywall/Joint Compound	Heterogeneous White Fibrous Bound	15%	Cellulose	73% 10% 2%	Gypsum Calc Carb Paint	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
F1.4a A152021	Vsf	Heterogeneous Tan,Marble Design Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
F1.4b A152022	Vsf	Heterogeneous Tan,Marble Design Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
F1.4c A152023	Vsf	Heterogeneous Tan,Marble Design Fibrous Bound	10%	Fiberglass	90%	Vinyl	None Detected
F1.6a A152024	Vsf	Heterogeneous Beige,Flower Design Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
F1.6b A152025	Vsf	Heterogeneous Beige,Flower Design Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
F1.6c A152026	Vsf	Heterogeneous Beige,Flower Design Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>F1.7a</b> A152027	Vsf	Heterogeneous Tan Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
Lab Notes: No mastic present.							
<b>F1.7b</b> A152028A	Vsf	Heterogeneous Tan Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
A152028B	Mastic	Homogeneous Tan Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>F1.7c</b> A152029A	Vsf	Heterogeneous Tan Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
A152029B	Mastic	Homogeneous Tan Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>M5.1a</b> A152030	Lay-in Ceiling Panel	Heterogeneous White Fibrous Loosely Bound	40% 25%	Cellulose Fiberglass	30% 5%	Perlite Binder	None Detected
<b>M5.1b</b> A152031	Lay-in Ceiling Panel	Heterogeneous White Fibrous Loosely Bound	40% 25%	Cellulose Fiberglass	30% 5%	Perlite Binder	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS				ASBESTOS %
			Fibrous		Non-Fibrous		
<b>M5.1c</b> A152032	Lay-in Ceiling Panel	Heterogeneous White Fibrous Loosely Bound	40% 25%	Cellulose Fiberglass	30% 5%	Perlite Binder	None Detected
<b>F1.8a</b> A152033A	Vsf	Heterogeneous Tan, Small Squares Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
A152033B	Mastic	Homogeneous Tan Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>F1.8b</b> A152034A	Vsf	Heterogeneous Tan, Small Squares Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
A152034B	Mastic	Homogeneous Tan Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected
<b>F1.8c</b> A152035A	Vsf	Heterogeneous Tan, Small Squares Fibrous Bound	50%	Cellulose	50%	Vinyl	None Detected
A152035B	Mastic	Homogeneous Tan Non-fibrous Bound	2%	Cellulose	98%	Mastic	None Detected





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>M11.1a</b> A152036	Concrete Foundation	Homogeneous		70% Silicates	None Detected
		Gray		30% Binder	
		Non-fibrous			
		Tightly Bound			
<b>M11.1b</b> A152037	Concrete Foundation	Homogeneous		70% Silicates	None Detected
		Gray		30% Binder	
		Non-fibrous			
		Tightly Bound			
<b>M11.1c</b> A152038	Concrete Foundation	Homogeneous		70% Silicates	None Detected
		Gray		30% Binder	
		Non-fibrous			
		Tightly Bound			
<b>M8.1a</b> A152039	Caulking	Homogeneous		100% Caulk	None Detected
		Gray			
		Non-fibrous			
		Bound			
<b>M8.1b</b> A152040	Caulking	Homogeneous		100% Caulk	None Detected
		Gray			
		Non-fibrous			
		Bound			
<b>M8.1c</b> A152041	Caulking	Homogeneous		100% Caulk	None Detected
		Gray			
		Non-fibrous			
		Bound			
<b>M11.2a</b> A152042	Concrete Foundation	Homogeneous		70% Silicates	None Detected
		Gray		30% Binder	
		Non-fibrous			
		Tightly Bound			





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>M11.2b</b> A152043	Concrete Foundation	Homogeneous		70% Silicates	None Detected
		Gray		30% Binder	
		Non-fibrous			
		Tightly Bound			
<b>M11.2c</b> A152044	Concrete Foundation	Homogeneous		70% Silicates	None Detected
		Gray		30% Binder	
		Non-fibrous			
		Tightly Bound			
<b>M8.2a</b> A152045	Caulking	Homogeneous		100% Caulk	None Detected
		Gray			
		Non-fibrous			
		Bound			
<b>M8.2b</b> A152046	Caulking	Homogeneous		100% Caulk	None Detected
		Gray			
		Non-fibrous			
		Bound			
<b>M8.2c</b> A152047	Caulking	Homogeneous		100% Caulk	None Detected
		Gray			
		Non-fibrous			
		Bound			
<b>T12.1a</b> A152048	Blown In Insulation	Homogeneous	100% Fiberglass		None Detected
		White	<1% Cellulose		
		Fibrous			
		Loose			
<b>T12.1b</b> A152049	Blown In Insulation	Homogeneous	100% Fiberglass		None Detected
		White	<1% Cellulose		
		Fibrous			
		Loose			





# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** NewFields  
104 E Broadway  
Helena, MT 59601

**Lab Code:** A2110642  
**Date Received:** 07-23-21  
**Date Analyzed:** 07-30-21  
**Date Reported:** 07-30-21

**Project:** Highland Manor 1 and 2, 350.0044.006

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS		ASBESTOS %
			Fibrous	Non-Fibrous	
<b>T12.1c</b> A152050	Blown In Insulation	Homogeneous	100%	Fiberglass	None Detected
		White	<1%	Cellulose	
		Fibrous			
		Loose			






---

**LEGEND:**      Non-Anth      = Non-Asbestiform Anthophyllite  
                   Non-Trem      = Non-Asbestiform Tremolite  
                   Calc Carb      = Calcium Carbonate

---

**METHOD:** EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

---

**REPORTING LIMIT:** <1% by visual estimation

---

**REPORTING LIMIT FOR POINT COUNTS:** 0.25% by 400 Points or 0.1% by 1,000 Points

---

**REGULATORY LIMIT:** >1% by weight

---

Due to the limitations of the EPA 600 method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarized light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation. *Estimated measurement of uncertainty is available on request.*

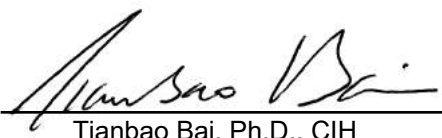
This report relates only to the samples tested or analyzed and may not be reproduced, except in full, without written approval by Eurofins CEI. Eurofins CEI makes no warranty representation regarding the accuracy of client submitted information in preparing and presenting analytical results. Interpretation of the analytical results is the sole responsibility of the client. Samples were received in acceptable condition unless otherwise noted. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. Government.

Information provided by customer includes customer sample ID and sample description.

**ANALYST:**

  
 Ryan Steele

**APPROVED BY:**

  
 Tianbao Bai, Ph.D., CIH  
 Laboratory Director







CEI

730 SE Maynard Road, Cary, NC 27511  
Tel: 866-481-1412; Fax: 919-481-1442

## CHAIN OF CUSTODY

LAB USE ONLY:

CEI Lab Code: A2110642

CEI Lab I.D. Range: A151967 - A1512050

COMPANY INFORMATION	PROJECT INFORMATION
CEI CLIENT #: 26861	Job Contact: Ryan McGee
Company: NewFields	Email / Tel: RMcGee@NewFields.com (406) 461-4037
Address: 104 E Broadway Helena, MT 59601	Project Name: Highland Manor 1 and 2
Email: MHuntington@newfields.com	Project ID#: 350.0044.006
Tel: 406-443-3556 Fax: NA	PO #: Same as Project ID#
	STATE SAMPLES COLLECTED IN: MONTANA

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

ASBESTOS	METHOD	TURN AROUND TIME					
		4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY
PLM BULK	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
PLM POINT COUNT (400)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM POINT COUNT (1000)	EPA 600	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM GRAV w POINT COUNT	EPA 600		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PLM BULK	CARB 435		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PCM AIR	NIOSH 7400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	EPA AHERA	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	NIOSH 7402	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR (PCME)	ISO 10312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM AIR	ASTM 6281-15	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM BULK	CHATFIELD		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST WIPE	ASTM D6480-05 (2010)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM DUST MICROVAC	ASTM D5755-09 (2014)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM SOIL	ASTM D7521-16			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM VERMICULITE	CINCINNATI METHOD			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TEM QUALITATIVE	IN-HOUSE METHOD		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
OTHER:		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## REMARKS / SPECIAL INSTRUCTIONS:

Use positive-stop analysis

Use point count analysis for results between ND and 1%

☒

Accept Samples

☐

Reject Samples

Relinquished By:	Date/Time	Received By:	Date/Time
Matthew Tooker	7-22-21 14:20	Fedex	7-22-21 14:20

Samples will be disposed of 30 days after analysis





# SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: NewFields

Job Contact: [Ryan McGee](#)

Project Name: Highland Manor Land 2

Sample Date: 7-20-21

Project ID #: 350.0044.006

Tel: (406) 461-4037

SAMPLE ID#	DESCRIPTION - LOCATION
53.1a	Sprayed on wall surfacing - Apt 10, Bathroom behind tub - H/M1
↓ b	↓ - Laundry room - H/M1
↓ c	↓ - West stairs, foyer - H/M1
↓ d	↓ - Apt 13, closet - H/M1
↓ e	↓ - East stair, closet in foyer - H/M1
↓ f	↓ - Apt 4, closet - H/M1
↓ g	↓ - Apt 1, closet - H/M1
171.1a	Dry wall and Joint Compound - Apt 10, Bathroom by tub - H/M1
↓ b	↓ - West stair, foyer - H/M1
↓ c	↓ - East stair, closet in foyer - H/M1
172.1a	Wall adhesive - Apt 10, Bathroom behind tub wall - H/M1
↓ b	↓ - - - - - ↓ - - - - - ↓ - - - - - ↓ - - - - -
↓ c	↓ - - - - - ↓ - - - - - ↓ - - - - - ↓ - - - - -
52.1a	Skip troweled Surfacing - West wall of Laundry - H/M1
↓ b	↓ - East wall, east stairway - H/M1
↓ c	↓ - Laundry, ceiling - H/M1
↓ d	↓ - West stairway - H/M1
↓ e	↓ - Apt 1, closet ceiling - H/M1
↓ f	↓ - Apt 4, closet ceiling - H/M1
↓ g	↓ - Apt 10, Bathroom ceiling - H/M1
172.1a	Light Brown Cove Base w/adhesive - Apt 10, Bathroom - H/M1
↓ b	↓ - <del>Entrance</del> West stair, Entrance - H/M1
↓ c	↓ - East stair, closet in foyer - H/M1
Fl.1a	VSF Brown rectangle shaped - Apt 10, Bathroom - H/M1
↓ b	↓ - Bathroom - H/M2
↓ c	↓ - Apt 32, Bathroom - H/M2
Fl.2a	VSF Brown/tan 12" - East stair, closet in foyer - H/M1
↓ b	↓ - East foyer - H/M2
↓ c	↓ - West foyer - H/M2
Fl.3a	Diamond shaped VSF - Laundry Rm - H/M1
↓ b	↓ - - - - - ↓ - - - - - ↓ - - - - - ↓ - - - - -
↓ c	↓ - - - - - ↓ - - - - - ↓ - - - - - ↓ - - - - -

Page 2 of 4





CEI

# SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: NewFields

Job Contact: Ryan McGee

Project Name: Same

Sample Date: Same

Project ID #: Same

Tel: (406) 461-4037

SAMPLE ID#	DESCRIPTION - LOCATION
172.2a	Dark brown Cove Base w/ adhesive - Laundry - H/11
└ b	└ └ └ └
└ c	└ └ └ └
F6.1a	Yellow Mastic - East end of 2nd floor Hall - H/11
└ b	└ - Vest end of main floor Hall - H/11
└ c	└ - Vest end of 2nd floor Hall - H/11
125.1a	Roofing shingle and underlayment - NW awning - H/11
└ b	└ - Shed at SW area - H/11
└ c	└ - NW awning - H/12
S3.2a	Spray-on surfacing - Apt 19, S-wall of Bed - H/12
└ b	└ - Office S wall - H/12
└ c	└ - Bathroom S wall - H/12
└ d	└ - Vest stairway - H/12
└ e	└ Vest <del>Bed</del> - <del>Vest</del> Hall, main floor - H/12
└ f	└ - Apt 32, closet - H/12
└ g	└ - Apt 22, closet - H/12
F6.2a	Carpet adhesive - Yellow - Office, East wall center - H/12
└ b	└ - Main floor Hall middle - H/12
└ c	└ - Main floor Hall west - H/12
M1.2a	Drywall and joint compound - Bathroom S wall - H/12
└ b	└ - Main floor, East Hall - H/12
└ c	└ -
F1.4a	VSF, tan marbled design - Apt 1, Bathroom - H/11
└ b	└ - Kitchen -
└ c	└ -
<del>F1.5a</del>	
<del>└ b</del>	
<del>└ c</del>	
F1.6a	VSF with 12x12 flower design - Apt 6, Kitchen - H/11
└ b	└ - Kitchen - H/11
└ c	└ - Bathroom - H/11

Page 3 of 4

\* Do not analyze drywall





CEI

# SAMPLING FORM

## COMPANY CONTACT INFORMATION

Company: <u>NewFields</u>	Job Contact: <u>Ryan McGee</u>
Project Name: <u>Same</u>	Sample Date: <u>Same</u>
Project ID #: <u>Same</u>	Tel: <u>(406) 461-4037</u>

SAMPLE ID#	DESCRIPTION - LOCATION
Fl. 7a	Tan VSF, Small and Large diamond - Laundry - Small - H172
┆ b	┆ - Apt 22, Bathroom - H172
┆ c	┆ - Kitchen - H172
M5.1a	2x4 lay-in ceiling panels - Main floor, west side Hall - H172
┆ b	┆ - Main floor, center Hall - H172
┆ c	┆ - Main floor, East side Hall - H172
Fl. 8a	VSF with small squares, tan - Apt 22, Bathroom - H172
┆ b	┆ - Apt 32, Kitchen - H172
┆ c	┆ - Closet of main floor Hall - H172
M11.1a	Concrete Foundation - Exterior, South center - H172
┆ b	┆ - NE corner - H172
┆ c	┆ - NW corner - H172
M8.1a	Caulking around exterior - Exterior - South center - H172
┆ b	┆ - NW corner - H172
┆ c	┆ - NE corner - H172
M11.2a	Concrete foundation - Exterior - NE corner - H171
┆ b	┆ - SW corner - H171
┆ c	┆ - NW corner - H171
M8.2a	Caulking - Exterior - North center - H171
┆ b	┆ - SE corner - H171
┆ c	┆ - North side, west area - H171
T12.1a	Blown in insulation - Attic - West end - H171
┆ b	┆ - Middle - H171
┆ c	┆ - East End - H171



## **Basden, Justas**

---

**From:** Basden, Justas  
**Sent:** Friday, July 23, 2021 3:42 PM  
**To:** 'rmcgee@newfields.com'; 'Mtooke@newfields.com'  
**Subject:** Confirmation

Good Afternoon Ryan,

Thanks for the help earlier! This is written confirmation of our discussion earlier on project Highland Manor 1 and 2, 350.0044.006. Per our phone call we will proceed as follows: We will strike the Set (F1.5a, F1.5b, & F1.5c) from the COC as they were not taken as we discussed, We appreciate your assistance and business!

Please reply at your earliest convenience to confirm. Let me know if there is anything else I can do for you, and thank you for choosing Eurofins CEI Labs.

Best Regards

**Justas Basden**  
Senior Laboratory Technician / Processing Specialist, Sample Receiving

Eurofins CEI  
730 SE Maynard Rd  
Cary, NC 27511  
USA

Phone: +1 919-481-141

Fax: +1 919-481-1442  
E-mail: [Justas.Basden@eurofinset.com](mailto:Justas.Basden@eurofinset.com)  
[www.EurofinsUS.com/CEI](http://www.EurofinsUS.com/CEI)



## LEAD IN DRINKING WATER





## ANALYTICAL SUMMARY REPORT

August 13, 2021

NewFields

700 SW Higgins Ave Ste 15  
Missoula, MT 59803-1489

Work Order: H21070586

Project Name: Highland Manor

Energy Laboratories Inc Helena MT received the following 6 samples for NewFields on 7/22/2021 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
H21070586-001	H171-#4	07/22/21 8:35	07/22/21	Drinking Water	Metals by ICP/ICPMS, Drinking Water Metals Digestion by E200.2
H21070586-002	H171-#1	07/22/21 8:22	07/22/21	Drinking Water	Same As Above
H21070586-003	H171-#10	07/22/21 7:18	07/22/21	Drinking Water	Same As Above
H21070586-004	H172-#27	07/22/21 8:08	07/22/21	Drinking Water	Same As Above
H21070586-005	H172-#22	07/22/21 7:27	07/22/21	Drinking Water	Same As Above
H21070586-006	H172-#32	07/22/21 7:38	07/22/21	Drinking Water	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 3161 E. Lyndale Ave., Helena, MT 59604, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

If you have any questions regarding these test results, please contact your Project Manager.

Report Approved By:





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Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

## LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** H21070586-001  
**Client Sample ID:** H171-#4

**Report Date:** 08/13/21  
**Collection Date:** 07/22/21 08:35  
**Date Received:** 07/22/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL (CONTRACT LAB MT00945)</b>							
Copper	0.154	mg/L		0.005	1.3	E200.8	07/26/21 23:57 / dck
Lead	0.010	mg/L		0.001	0.015	E200.8	07/26/21 23:57 / dck

**Report Definitions:**  
RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** H21070586-002  
**Client Sample ID:** H171-#1

**Report Date:** 08/13/21  
**Collection Date:** 07/22/21 08:22  
**Date Received:** 07/22/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL (CONTRACT LAB MT00945)</b>							
Copper	0.074	mg/L		0.005	1.3	E200.8	07/26/21 23:59 / dck
Lead	0.002	mg/L		0.001	0.015	E200.8	07/26/21 23:59 / dck

**Report Definitions:**  
RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** H21070586-003  
**Client Sample ID:** H171-#10

**Report Date:** 08/13/21  
**Collection Date:** 07/22/21 07:18  
**Date Received:** 07/22/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL (CONTRACT LAB MT00945)</b>							
Copper	0.507	mg/L		0.005	1.3	E200.8	07/27/21 17:03 / dck
Lead	0.010	mg/L		0.001	0.015	E200.8	07/27/21 17:03 / dck

**Report Definitions:**  
RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** H21070586-004  
**Client Sample ID:** H172-#27

**Report Date:** 08/13/21  
**Collection Date:** 07/22/21 08:08  
**Date Received:** 07/22/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL (CONTRACT LAB MT00945)</b>							
Copper	0.121	mg/L		0.005	1.3	E200.8	07/27/21 17:05 / dck
Lead	ND	mg/L		0.001	0.015	E200.8	07/27/21 17:05 / dck

**Report Definitions:**  
RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** H21070586-005  
**Client Sample ID:** H172-#22

**Report Date:** 08/13/21  
**Collection Date:** 07/22/21 07:27  
**Date Received:** 07/22/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL (CONTRACT LAB MT00945)</b>							
Copper	0.069	mg/L		0.005	1.3	E200.8	07/27/21 00:01 / dck
Lead	ND	mg/L		0.001	0.015	E200.8	07/27/21 00:01 / dck

**Report Definitions:**  
RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Helena, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** H21070586-006  
**Client Sample ID:** H172-#32

**Report Date:** 08/13/21  
**Collection Date:** 07/22/21 07:38  
**Date Received:** 07/22/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL (CONTRACT LAB MT00945)</b>							
Copper	0.177	mg/L		0.005	1.3	E200.8	07/27/21 00:03 / dck
Lead	ND	mg/L		0.001	0.015	E200.8	07/27/21 00:03 / dck

**Report**  
**Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





## QA/QC Summary Report

Prepared by Helena, MT Branch

Client: NewFields

Work Order: H21070586

Report Date: 08/13/21

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method: E200.8</b>										Analytical Run: ICPMS205-H_210726D
<b>Lab ID: ICV</b>	2	Initial Calibration Verification Standard								07/26/21 22:47
Copper		0.0606	mg/L	0.010	101	90	110			
Lead		0.0591	mg/L	0.0010	98	90	110			
<b>Lab ID: ICSA</b>	2	Interference Check Sample A								07/26/21 22:53
Copper		0.000940	mg/L	0.010						
Lead		0.0000221	mg/L	0.0010						
<b>Lab ID: ICSAB</b>	2	Interference Check Sample AB								07/26/21 22:56
Copper		0.0189	mg/L	0.010	94	70	130			
Lead		0.0000238	mg/L	0.0010		0	0			
<b>Method: E200.8</b>										Batch: R166898
<b>Lab ID: LRB</b>	2	Method Blank								Run: ICPMS205-H_210726D 07/26/21 23:06
Copper		ND	mg/L	0.0005						
Lead		ND	mg/L	0.0002						
<b>Lab ID: LFB</b>	2	Laboratory Fortified Blank								Run: ICPMS205-H_210726D 07/26/21 23:08
Copper		0.0536	mg/L	0.010	107	85	115			
Lead		0.0507	mg/L	0.0010	101	85	115			
<b>Lab ID: H21070585-004AMS</b>	2	Sample Matrix Spike								Run: ICPMS205-H_210726D 07/26/21 23:49
Copper		0.0661	mg/L	0.0050	107	70	130			
Lead		0.0520	mg/L	0.0010	103	70	130			
<b>Lab ID: H21070585-004AMSD</b>	2	Sample Matrix Spike Duplicate								Run: ICPMS205-H_210726D 07/26/21 23:51
Copper		0.0648	mg/L	0.0050	104	70	130	1.9	20	
Lead		0.0503	mg/L	0.0010	100	70	130	3.4	20	
<b>Lab ID: H21070614-003BMS</b>	2	Sample Matrix Spike								Run: ICPMS205-H_210726D 07/27/21 00:16
Copper		0.0552	mg/L	0.0050	108	70	130			
Lead		0.0494	mg/L	0.0010	99	70	130			
<b>Lab ID: H21070614-003BMDS</b>	2	Sample Matrix Spike Duplicate								Run: ICPMS205-H_210726D 07/27/21 00:18
Copper		0.0540	mg/L	0.0050	106	70	130	2.2	20	
Lead		0.0490	mg/L	0.0010	98	70	130	0.8	20	

### Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)





## QA/QC Summary Report

Prepared by Helena, MT Branch

Client: NewFields

Work Order: H21070586

Report Date: 08/13/21

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
<b>Method: E200.8</b>		Analytical Run: ICPMS205-H_210727C								
<b>Lab ID: ICV</b>	2	Initial Calibration Verification Standard 07/27/21 16:20								
Copper		0.0616	mg/L	0.010	103	90	110			
Lead		0.0598	mg/L	0.0010	100	90	110			
<b>Lab ID: ICSA</b>	2	Interference Check Sample A 07/27/21 16:24								
Copper		0.00117	mg/L	0.010						
Lead		0.0000161	mg/L	0.0010						
<b>Lab ID: ICSAB</b>	2	Interference Check Sample AB 07/27/21 16:26								
Copper		0.0199	mg/L	0.010	100	70	130			
Lead		0.0000199	mg/L	0.0010		0	0			
<b>Method: E200.8</b>		Batch: 57218								
<b>Lab ID: MB-57218</b>	2	Method Blank Run: ICPMS205-H_210727C 07/27/21 16:45								
Copper		ND	mg/L	0.0005						
Lead		ND	mg/L	0.0002						
<b>Lab ID: LCS-57218</b>	2	Laboratory Control Sample Run: ICPMS205-H_210727C 07/27/21 16:53								
Copper		0.498	mg/L	0.0050	100	85	115			
Lead		0.484	mg/L	0.0010	97	85	115			
<b>Lab ID: H21070586-003AMS3</b>	2	Sample Matrix Spike Run: ICPMS205-H_210727C 07/27/21 17:09								
Copper		0.981	mg/L	0.0050	95	70	130			
Lead		0.419	mg/L	0.0010	82	70	130			
<b>Lab ID: H21070586-003AMSD</b>	2	Sample Matrix Spike Duplicate Run: ICPMS205-H_210727C 07/27/21 17:13								
Copper		0.985	mg/L	0.0050	96	70	130	0.5	20	
Lead		0.426	mg/L	0.0010	83	70	130	1.8	20	

### Qualifiers:

RL - Analyte Reporting Limit

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# Work Order Receipt Checklist

NewFields

H21070586

Login completed by: Wanda Johnson

Date Received: 7/22/2021

Reviewed by: BL2000\kmartin

Received by: JCS

Reviewed Date: 8/12/2021

Carrier name: Hand Del

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	0.0°C On Ice - From Field		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Not Applicable <input type="checkbox"/>

## Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

## Contact and Corrective Action Comments:

Samples for Lead & Copper were preserved in the laboratory to pH <2 with 2 mL of nitric acid per liter upon receipt and within the EPA recommended 14 day holding time. In accordance with the Safe Drinking Water Act, these samples must be held for 24 hours prior to analysis. wj 7/22/2021

er client do not report to the DEQ. wj 8/13/2021





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## Chain of Custody &amp; Analytical Request Record

www.energylab.com

Page \_\_\_\_ of \_\_\_\_

Page 11 of 11

## Account Information (Billing Information)

Company Name <u>New Fields Matthew Tooke</u>		
Contact <u>Matthew Tooke</u>		
Phone <u>406-210-7824</u>		
Mailing Address <u>700 SW Higgins</u>		
City, State, Zip <u>Missoula, MT, 59801</u>		
Email <u>mtooke@newfields.com</u>		
Receive Invoice <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Email	Receive Report <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Email	
Purchase Order	Quote	Bottle Order <u>154300</u>

## Report Information (If different than Account Information)

Company Name	
Contact	
Phone	
Mailing Address	
City, State, Zip	
Email	
Receive Report <input type="checkbox"/> Hard Copy <input type="checkbox"/> Email	
Special Report/Format:	
<input type="checkbox"/> LEVEL IV <input type="checkbox"/> INELAC <input type="checkbox"/> EDD/EDT (contact laboratory) <input type="checkbox"/> Other	

## Comments

## Project Information

Project Name, PWSID, Permit, etc. <u>Highland Manor</u>	
Sampler Name <u>Matthew Tooke</u>	Sampler Phone <u>406-210-7824</u>
Sample Origin State <u>MT</u>	EPA/State Compliance <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
URANIUM MINING CLIENTS MUST indicate sample type	
<input type="checkbox"/> Unprocessed Ore	
<input type="checkbox"/> Processed Ore (Ground or Refined) **CALL BEFORE SENDING	
<input type="checkbox"/> 11(e)2 Byproduct Material (Can ONLY be Submitted to ELI Casper Location)	

## Matrix Codes

- A - Air  
W - Water  
S - Solids  
V - Vegetation  
B - Bioassay  
O - Oil  
DW - Drinking Water

## Analysis Requested

Sample Identification (Name, Location, Interval, etc.)	Collection		Number of Containers	Matrix (See Codes Above)	See Attached	Analysis Requested										RUSH TAT	ELI LAB ID Laboratory Use Only
	Date	Time															
1 H/71-#4	7-22-21	08:35	1	DW	X												H21070586
2 H/71-#1	7-22-21	08:22	1	DW	X												
3 H/71-#10	7-22-21	07:18	1	DW	X												
4 H/72-#27	7-22-21	08:08	1	DW	X												
5 H/72-#22	7-22-21	07:27	1	DW	X												
6 H/72-#32	7-22-21	07:38	1	DW	X												
7																	
8																	
9																	

ELI IS REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC.

Custody Record MUST be signed	Relinquished by (print) <u>Matthew Tooke</u>	Date/Time <u>7-22-21 14:47</u>	Signature <u>[Signature]</u>	Received by (print)	Date/Time	Signature
	Relinquished by (print)	Date/Time	Signature	Received by Laboratory (print) <u>JESSICA EMITH</u>	Date/Time <u>07/22/2021 14:47</u>	Signature <u>[Signature]</u>
LABORATORY USE ONLY						
Shipped By <u>HAND</u>	Cooler ID(s) <u>Y</u>	Custody Seals <u>Y</u> <u>N</u> <u>C</u> <u>B</u>	Intact <u>Y</u> <u>N</u>	Receipt Temp <u>0.0</u> °C	Temp Blank <u>Y</u> <u>N</u>	On Ice <u>Y</u> <u>N</u>
Payment Type <u>CC</u> <u>Cash</u> <u>Check</u>			Amount \$	Receipt Number (cash/check only)		

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.





## ANALYTICAL SUMMARY REPORT

November 03, 2021

NewFields

700 SW Higgins Ave Ste 15  
Missoula, MT 59803-1489

Work Order: B21102280

Project Name: Highland Manor

Energy Laboratories Inc Billings MT received the following 6 samples for NewFields on 10/28/2021 for analysis.

Lab ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B21102280-001	HM-05	10/26/21 14:43	10/28/21	Drinking Water	Metals by ICP/ICPMS, Drinking Water Metals pH check by the Laboratory FIRST Metals Digestion by E200.2
B21102280-002	HM-06	10/26/21 14:36	10/28/21	Drinking Water	Same As Above
B21102280-003	HM-09	10/26/21 14:51	10/28/21	Drinking Water	Same As Above
B21102280-004	HM-16	10/26/21 14:55	10/28/21	Drinking Water	Same As Above
B21102280-005	HM-17	10/26/21 13:25	10/28/21	Drinking Water	Same As Above
B21102280-006	HM-35	10/26/21 15:20	10/28/21	Drinking Water	Same As Above

The analyses presented in this report were performed by Energy Laboratories, Inc., 1120 S 27th St., Billings, MT 59101, unless otherwise noted. Any exceptions or problems with the analyses are noted in the report package. Any issues encountered during sample receipt are documented in the Work Order Receipt Checklist.

The results as reported relate only to the item(s) submitted for testing. This report shall be used or copied only in its entirety. Energy Laboratories, Inc. is not responsible for the consequences arising from the use of a partial report.

If you have any questions regarding these test results, please contact your Project Manager.

Report Approved By:





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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** B21102280-001  
**Client Sample ID:** HM-05

**Report Date:** 11/03/21  
**Collection Date:** 10/26/21 14:43  
**Date Received:** 10/28/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Lead	0.003	mg/L		0.001	0.015	E200.8	11/03/21 01:05 / car

**Report**  
**Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** B21102280-002  
**Client Sample ID:** HM-06

**Report Date:** 11/03/21  
**Collection Date:** 10/26/21 14:36  
**Date Received:** 10/28/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Lead	0.001	mg/L		0.001	0.015	E200.8	11/03/21 01:15 / car

**Report**  
**Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** B21102280-003  
**Client Sample ID:** HM-09

**Report Date:** 11/03/21  
**Collection Date:** 10/26/21 14:51  
**Date Received:** 10/28/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Lead	ND	mg/L		0.001	0.015	E200.8	11/03/21 01:18 / car

**Report Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** B21102280-004  
**Client Sample ID:** HM-16

**Report Date:** 11/03/21  
**Collection Date:** 10/26/21 14:55  
**Date Received:** 10/28/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Lead	0.001	mg/L		0.001	0.015	E200.8	11/03/21 01:21 / car

**Report**  
**Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** B21102280-005  
**Client Sample ID:** HM-17

**Report Date:** 11/03/21  
**Collection Date:** 10/26/21 13:25  
**Date Received:** 10/28/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Lead	ND	mg/L		0.001	0.015	E200.8	11/03/21 01:34 / car

**Report Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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## LABORATORY ANALYTICAL REPORT

Prepared by Billings, MT Branch

**Client:** NewFields  
**Project:** Highland Manor  
**Lab ID:** B21102280-006  
**Client Sample ID:** HM-35

**Report Date:** 11/03/21  
**Collection Date:** 10/26/21 15:20  
**Date Received:** 10/28/21  
**Matrix:** Drinking Water

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
<b>METALS, TOTAL</b>							
Lead	0.001	mg/L		0.001	0.015	E200.8	11/03/21 01:37 / car

**Report**  
**Definitions:** RL - Analyte Reporting Limit  
QCL - Quality Control Limit

MCL - Maximum Contaminant Level  
ND - Not detected at the Reporting Limit (RL)





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Highland Manor Environmental Review  
Appendix 1316  
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Gillette, WY 866.686.7175 • Helena, MT 877.472.0711

## QA/QC Summary Report

Prepared by Billings, MT Branch

Client: NewFields

Work Order: B21102280

Report Date: 11/03/21

Analyte	Count	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8										Analytical Run: ICPMS208-B_211102A
Lab ID: QCS		Initial Calibration Verification Standard								11/02/21 23:58
Lead		0.0500	mg/L	0.0010	100	90	110			
Method: E200.8										Batch: R369659
Lab ID: LRB		Method Blank					Run: ICPMS208-B_211102A			11/03/21 00:08
Lead		ND	mg/L	0.00004						
Lab ID: LFB		Laboratory Fortified Blank					Run: ICPMS208-B_211102A			11/03/21 00:11
Lead		0.0449	mg/L	0.0010	90	90	110			
Lab ID: B21102280-004AMS		Sample Matrix Spike					Run: ICPMS208-B_211102A			11/03/21 01:24
Lead		0.0465	mg/L	0.0010	91	70	130			
Lab ID: B21102280-004AMSD		Sample Matrix Spike Duplicate					Run: ICPMS208-B_211102A			11/03/21 01:27
Lead		0.0458	mg/L	0.0010	89	70	130	1.7	20	

### Qualifiers:

RL - Analyte Reporting Limit

ND - Not detected at the Reporting Limit (RL)





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# Work Order Receipt Checklist

NewFields

B21102280

Login completed by: Dylan A. Chirrick

Date Received: 10/28/2021

Reviewed by: BL2000\gmccartney

Received by: tjg

Reviewed Date: 11/1/2021

Carrier name: Return-FedEx Ground

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all shipping container(s)/cooler(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on all sample bottles?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time? (Exclude analyses that are considered field parameters such as pH, DO, Res Cl, Sulfite, Ferrous Iron, etc.)	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Temp Blank received in all shipping container(s)/cooler(s)?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>
Container/Temp Blank temperature:	4.7°C On Ice		
Containers requiring zero headspace have no headspace or bubble that is <6mm (1/4").	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>

## Standard Reporting Procedures:

Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH, Dissolved Oxygen and Residual Chlorine, are qualified as being analyzed outside of recommended holding time.

Solid/soil samples are reported on a wet weight basis (as received) unless specifically indicated. If moisture corrected, data units are typically noted as –dry. For agricultural and mining soil parameters/characteristics, all samples are dried and ground prior to sample analysis.

Radiochemical precision results represent a 2-sigma Total Measurement Uncertainty.

## Contact and Corrective Action Comments:

The samples for Lead were preserved in the laboratory to pH <2 with 2 mL of nitric acid per 250mL upon receipt and within the EPA recommended 14 day holding time. In accordance with the Safe Drinking Water Act, these samples must be held for 16 hours prior to analysis.





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# Chain of Custody & Analytical Request Record

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Page 1 of 1

## Account Information (Billing information)

Company Name <u>New Fields</u>		
Contact <u>Michael Kelly</u>		
Phone <u>907-317-2924</u>		
Mailing Address <u>700 SW Higgins Ave.</u>		
City State Zip <u>Missoula, MT, 59803</u>		
Email <u>MKelly@NewFields.com</u>		
Receive Invoice <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Email	Receive Report <input type="checkbox"/> Hard Copy <input checked="" type="checkbox"/> Email	
Purchase Order <u>350.0044.006</u>	Quote	Bottle Order <u>157444</u>

## Report Information (If different than Account information)

Company Name	
Contact	
Phone	
Mailing Address	
City State Zip	
Email	
Receive Report <input type="checkbox"/> Hard Copy <input type="checkbox"/> Email	
Special Report/Format	
<input type="checkbox"/> LEVEL IV <input type="checkbox"/> INELAC <input type="checkbox"/> EDDVET (contact laboratory) <input type="checkbox"/> Other	

## Comments

--

## Project Information

Project Name, PWSID, Permit, etc. <u>Highland Manor</u>	
Sampler Name <u>Michael Kelly</u>	Sampler Phone <u>907-317-2924</u>
Sample Origin State <u>MT</u>	EPA/State Compliance <input type="checkbox"/> Yes <input type="checkbox"/> No
URANIUM MINING CLIENTS MUST indicate sample type	
<input type="checkbox"/> Unprocessed Ore	
<input type="checkbox"/> Processed Ore (Ground or Refined) **CALL BEFORE SENDING	
<input type="checkbox"/> 11(a)2 Byproduct Material (Can ONLY be Submitted to ELI Casper Location)	

## Matrix Codes

- A. Air
- W. Water
- S. Soil/ Solids
- V. Vegetation
- B. Bioassay
- O. Oil
- DW. Drinking Water

## Analysis Requested

Lead - only  
ICP/ICPMS  
drinking water

See Attached

All turnaround times are standard unless marked as RUSH.  
Energy Laboratories MUST be contacted prior to RUSH sample submittal for charges and scheduling - See Instructions Page

Sample Identification (Name, Location, Interval, etc.)		Collection		Number of Containers	Matrix (See Codes Above)	Analysis Requested										See Attached	RUSH TAT	ELI LAB ID Laboratory Use Only
Date	Time																	
1	HM-05	10/26	1443	1	W	X												1321107280
2	HM-06		1436			X												
3	HM-09		1451			X												
4	HM-16		1455			X												
5	HM-17		1325			X												
6	HM-35		1520			X												
7																		
8																		
9																		

ELI is REQUIRED to provide preservative traceability. If the preservatives supplied with the bottle order were NOT used, please attach your preservative information with this COC

Custody Record MUST be signed	Relinquished by (print) <u>Michael Kelly</u>	Date/Time <u>10/27/21</u>	Signature <u>[Signature]</u>	Received by (print) <u>Ed EX</u>	Date/Time <u>10/27/21 16:30</u>	Signature <u>[Signature]</u>
	Relinquished by (print)	Date/Time <u>16:30</u>	Signature	Received by Laboratory (print) <u>[Signature]</u>	Date/Time <u>10/28/21 09:10</u>	Signature <u>[Signature]</u>
LABORATORY USE ONLY						
Shipped By	Cooler ID(s)	Custody Seals Y N C B	Intact Y N	Receipt Temp °C	Temp Blank Y N	On Ice Y N
				Payment Type CC Cash Check	Amount \$	Receipt Number (cash/check only)

In certain circumstances, samples submitted to Energy Laboratories, Inc. may be subcontracted to other certified laboratories in order to complete the analysis requested. This serves as notice of this possibility. All subcontracted data will be clearly notated on your analytical report.



**Montana DEQ - Waste Management and Remediation Division**  
**Data Validation Summary Form (Version 1.3.0, Revised 1/26/18)**

Please fill out the information below, using one form for each lab batch (one form can be used for multiple analytical methods). The form will grow and adjust, based on your responses. Please include a discussion regarding the sampling event in the report that is sent to DEQ with this form. For additional instructions, please click the Open Complete Instructions button.

[Open Complete Instructions](#)

**Basic Questions**

[View example](#) (Note: example optimized for viewing in Chrome browser)

1. Site/Facility name	Highland Manor Apartments		
2. Site code or facility ID (if applicable)			
3. Release ID (if applicable)			
4. Sample delivery group	B21102280, H21070586		
5. Name of DEQ-approved sampling plan	Site-Specific Sampling & Analysis Plan for Building Materials Investigation		
6. Date DEQ approved the sampling plan	6/28/2021	M/D/YY	
7. Name of data validator	S.Riddle		
8. Phone			
9. Date validated	11/30/2021	M/D/YY	

**Field Collection Questions**

[View example](#) (Note: example optimized for viewing in Chrome browser)

10. Sample matrix	<input type="checkbox"/> Soil <input type="checkbox"/> Sediment <input type="checkbox"/> Surface water <input type="checkbox"/> Groundwater <input checked="" type="checkbox"/> Tap water <input type="checkbox"/> Air (including soil gas) <input type="checkbox"/> Other							
11. Sample collection start date	7/22/2021	M/D/YY						
12. Sample collection end date	10/26/2021	M/D/YY						
13. Analytical methods used	<table border="1"> <tr> <td>Add Method</td> <td>Analytical Method(s)</td> </tr> <tr> <td>Delete Method</td> <td>EPA Method 200.8: Metals</td> </tr> </table>				Add Method	Analytical Method(s)	Delete Method	EPA Method 200.8: Metals
Add Method	Analytical Method(s)							
Delete Method	EPA Method 200.8: Metals							

*Use Add Method button to list multiple methods. Enter any other methods in the field manually.*

**Laboratory-related Questions**

[View example](#) (Note: example optimized for viewing in Chrome browser)

14. Laboratory name and location	Energy Laboratory - Billings, MT			
15. Laboratory project ID	B21102280, H21070586			
16. Were samples received in good condition and at appropriate temperature, chain-of-custody forms complete, and all samples analyzed within holding times?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	See Below <input type="radio"/>	Comments <div></div>
17. Were all laboratory quality control procedures complied with and is data validated without qualifiers?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	See Below <input type="radio"/>	Comments <div></div>



18. Were the total number of lab method blanks at least 5% of the total number of samples, or as required by the method?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
19. Were the total number of lab matrix spike samples prepared at least 5% of the total number of samples, or as required by the method?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
20. Please list any project samples used for matrix spike/matrix spike duplicates.			
Add Sample	Lab ID	Field Sample ID	Comments
Delete Sample	H21070586-003	H171-#10	Matrix spike/matrix spike duplicate
Delete Sample	B21102280-004	HM-16	Matrix spike/matrix spike duplicate
21. Is the total number of laboratory control samples at least 5% of the total number of samples?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments <div style="border: 1px solid black; height: 20px; width: 100%;"></div>

**Consultant/Validator Questions**

[View example](#) (Note: example optimized for viewing in Chrome browser)

22. Are the detection limits appropriate for the project (i.e. at or below screening levels)?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
23. Are the reported units appropriate for the sample matrix (i.e. water results in ug/L, not mg/kg)?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
24. Do the analytical methods comply with project requirements (e.g. in the SAP, work plan, or QAPP)?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
25. Do the laboratory reports include all constituents requested to be analyzed on the chain-of-custody or under the sampling plan or other applicable document?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments <div style="border: 1px solid black; height: 20px; width: 100%;"></div>
26. Is the number of sample blanks (e.g. equipment, trip, or field blanks) equal to at least 10% of the total number of samples, or as otherwise required?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	Comments <div style="border: 1px solid black; height: 20px; width: 100%; padding: 5px;">Rinse blank not required because samples are collected directly from the tap.</div>
27. Are field blanks free from contamination, duplicates collected as required, and field duplicate percent differences within data validation quality control limits?	Yes <input checked="" type="radio"/>	No <input type="radio"/>	See Below <input type="radio"/>
Comments <div style="border: 1px solid black; height: 20px; width: 100%;"></div>			

28. Please provide an Excel or CSV file to the DEQ project manager (via e-mail or CD) that lists all samples evaluated in this summary and lists any qualified data.

Please use the following format:

Lab ID	Field Sample ID	Qualifiers	Comments (indicate whether the issue biases the results high or low)
Example 48310-2.31E	Example GW-1	R	Sample dropped in lab and unrecoverable
Example 48310-2.32D	Example GW-2		

Please use the following format for qualifiers. See EPA's National Functional Guidelines for more information on qualifiers for unique samples such as dioxins.



Qualifier	Explanation
C	Pesticide and Arochlor results confirmed with GC/MS
J-	Estimated value, may be biased low
J	Analyte identified, but concentration is estimated
J+	Estimated value, may be biased high
NJ	Tentatively identified compound
R	Sample result rejected
U	Analyte analyzed for, but not detected above quantitation limit
UJ	Analyte not detected above CRQL, but CRQL may be inaccurate
X	Pesticide and Arochlor results attempted using GC/MS, but unsuccessful

If you wish to manually enter qualified sample results, please use the table below.

Add Sample	Lab ID	Field Sample ID	Qualifiers	Comments (indicate whether the issue biases the results high or low)
Delete Sample				

29. What is the percent completeness (samples planned versus valid samples collected)?

30. Was the completeness goal met? ☒ Yes ☐ No

31. Does all data conform to analytical methods and data quality objectives specified for this project? ☒ Yes ☐ No

32. Other general comments or observations?

### Split Samples

33. Did DEQ collect split samples? ☐ Yes ☒ No

Print Form

Save As

Open Instructions

Hide Instructions



## METHAMPHETAMINE





## ANALYTICAL REPORT

Report Date: July 30, 2021

Michael Kelly  
NewFields  
700 SW Higgins Ave  
Missoula, MT 59803

Phone: 406 549-8270

E-mail: mkelly@newfields.com

Workorder: **34-2120778**

Client Project ID: Highland Manor Apartments  
Purchase Order: Highland Manor Apts  
Project Manager: Kevin Griffiths

## Analytical Results

Sample ID: <b>A4-1</b>		Collected: 07/19/2021	
Lab ID: 2120778001		Received: 07/26/2021	
Method: NIOSH 9111		Media: Wipe	
Dilution: 1		Instrument: LCMS01	
Sampling Parameter: Area 100 cm <sup>2</sup>		Analyzed: 07/28/2021 (282684)	
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

Sample ID: <b>A4-2</b>		Collected: 07/19/2021	
Lab ID: 2120778002		Received: 07/26/2021	
Method: NIOSH 9111		Media: Wipe	
Dilution: 1		Instrument: LCMS01	
Sampling Parameter: Area 100 cm <sup>2</sup>		Analyzed: 07/28/2021 (282684)	
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

Sample ID: <b>A4-3</b>		Collected: 07/19/2021	
Lab ID: 2120778003		Received: 07/26/2021	
Method: NIOSH 9111		Media: Wipe	
Dilution: 1		Instrument: LCMS01	
Sampling Parameter: Area 100 cm <sup>2</sup>		Analyzed: 07/28/2021 (282684)	
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

Sample ID: <b>A4-4</b>		Collected: 07/19/2021	
Lab ID: 2120778004		Received: 07/26/2021	
Method: NIOSH 9111		Media: Wipe	
Dilution: 1		Instrument: LCMS01	
Sampling Parameter: Area 100 cm <sup>2</sup>		Analyzed: 07/28/2021 (282684)	
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

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## ANALYTICAL REPORT

Workorder: **34-2120778**Client Project ID: Highland Manor Apartments  
Purchase Order: Highland Manor Apts  
Project Manager: Kevin Griffiths

## Analytical Results

Sample ID: <b>A4-5</b>		Collected: 07/19/2021	
Lab ID: 2120778005		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

Sample ID: <b>A12-1</b>		Collected: 07/19/2021	
Lab ID: 2120778006		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	0.66	0.66	0.10

Sample ID: <b>A12-2</b>		Collected: 07/19/2021	
Lab ID: 2120778007		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	0.20	0.20	0.10

Sample ID: <b>A12-3</b>		Collected: 07/19/2021	
Lab ID: 2120778008		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

Sample ID: <b>A12-4</b>		Collected: 07/19/2021	
Lab ID: 2120778009		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	0.64	0.64	0.10





## ANALYTICAL REPORT

Workorder: **34-2120778**Client Project ID: Highland Manor Apartments  
Purchase Order: Highland Manor Apts  
Project Manager: Kevin Griffiths

## Analytical Results

Sample ID: <b>A12-5</b>		Collected: 07/19/2021	
Lab ID: 2120778010		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	0.28	0.28	0.10

Sample ID: <b>A13-1</b>		Collected: 07/19/2021	
Lab ID: 2120778011		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

Sample ID: <b>A13-2</b>		Collected: 07/19/2021	
Lab ID: 2120778012		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

Sample ID: <b>A13-3</b>		Collected: 07/19/2021	
Lab ID: 2120778013		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

Sample ID: <b>A13-4</b>		Collected: 07/19/2021	
Lab ID: 2120778014		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/28/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Sampling Location: Highland Manor Apts			
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10





## ANALYTICAL REPORT

Workorder: **34-2120778**Client Project ID: Highland Manor Apartments  
Purchase Order: Highland Manor Apts  
Project Manager: Kevin Griffiths

## Analytical Results

Sample ID: <b>A13-5</b>		Collected: 07/19/2021	
Lab ID: 2120778015		Received: 07/26/2021	
Method: NIOSH 9111		Instrument: LCMS01	
Dilution: 1		Analyzed: 07/29/2021 (282684)	
Media: Wipe		Sampling Parameter: Area 100 cm <sup>2</sup>	
Analyte	Result (ug/sample)	Result (ug/100cm <sup>2</sup> )	RL (ug/sample)
Methamphetamine	ND	<0.10	0.10

## Report Authorization (/S/ is an electronic signature that complies with 21 CFR Part 11)

Method (Analysis Batch)	Analyst	Peer Review
NIOSH 9111 (282684)	/S/ Christopher Winter 07/30/2021 12:28	/S/ Thomas Bosch 07/30/2021 13:13

## Laboratory Contact Information

ALS Environmental  
960 W Levoe Drive  
Salt Lake City, Utah 84123Phone: (801) 266-7700  
Email: als@alt.labs.com  
Web: www.alslab.com

## General Lab Comments

The results provided in this report relate only to the items tested.  
Samples were received in acceptable condition unless otherwise noted.  
The following was provided by the client: Sample ID, Collection Date, Sampling Location, Media Type, Sampling Parameter.  
Collection Date, Media Type, and Sampling Parameter can potentially affect the validity of the results.  
Samples have not been blank corrected unless otherwise noted.  
This test report shall not be reproduced, except in full, without written approval of ALS.

ALS provides professional analytical services for all samples submitted. ALS is not in a position to interpret the data and assumes no responsibility for the quality of the samples submitted.

All quality control samples processed with the samples in this report yielded acceptable results unless otherwise noted.

ALS is accredited for specific fields of testing (scopes) in the following testing sectors. The quality system implemented at ALS conforms to accreditation requirements and is applied to all analytical testing performed by ALS. The following table lists testing sector, accreditation body, accreditation number and website. Please contact these accrediting bodies or your ALS project manager for the current scope of accreditation that applies to your analytical testing.

Testing Sector	Accreditation Body (Standard)	Certificate Number	Website
Environmental	PJLA (DoD ELAP)	L20-57	<a href="http://www.pjllabs.com">http://www.pjllabs.com</a>
	PJLA (ISO 17025)	L20-58	<a href="http://www.pjllabs.com">http://www.pjllabs.com</a>
Industrial Hygiene	AIHA (ISO 17025 & AIHA IHLAP)	101574	<a href="http://www.aihaaccreditedlabs.org">http://www.aihaaccreditedlabs.org</a>
	DOECAP-AP	L20-59	<a href="http://www.pjllabs.com">http://www.pjllabs.com</a>
	Washington	C596	<a href="https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation">https://ecology.wa.gov/Regulations-Permits/Permits-certifications/Laboratory-Accreditation</a>
Dietary Supplements	PJLA (ISO 17025)	L20-58	<a href="http://www.pjllabs.com">http://www.pjllabs.com</a>





## ANALYTICAL REPORT

Workorder: **34-2120778**

Client Project ID: Highland Manor Apartments

Purchase Order: Highland Manor Apts

Project Manager: Kevin Griffiths

### Definitions

LOD = Limit of Detection = MDL = Method Detection Limit, A statistical estimate of method/media/instrument sensitivity.

LOQ = Limit of Quantitation = RL = Reporting Limit, A verified value of method/media/instrument sensitivity.

ND = Not Detected, Testing result not detected above the LOD or LOQ.

NA = Not Applicable.

\*\* No result could be reported, see sample comments for details.

< Means this testing result is less than the numerical value.

( ) This testing result is between the LOD and LOQ and has higher analytical uncertainty than values at or above the LOQ.





2120778



# ANALYTICAL REQUEST FORM

1. ☒ REGULAR Status 2120778

☐ RUSH Status Requested - ADDITIONAL CHARGE

RESULTS REQUIRED BY \_\_\_\_\_ DATE \_\_\_\_\_

CONTACT ALS SALT LAKE PRIOR TO SENDING SAMPLES

2. Date 7/22/2021 Purchase Order No. \_\_\_\_\_

3. Company Name: NewFields

Address: 104 E. Broadway, Suite G1  
Helena, MT. 59601

Person to Contact: Ryan McBee

Telephone: (406) 461-4037

Fax Telephone: ( ) \_\_\_\_\_

E-mail Address: rmcbee@newfields.com

Billing Address (if different from above)  
Same

4. Quote No. \_\_\_\_\_

ALS Project Manager: \_\_\_\_\_

5. Sample Collection

Sampling Site: Highland Manor Apartments

Industrial Process: Real Estate

Date of Collection: 7/19/2021

Time Collected: Various times 1:30 - 4 pm

Date of Shipment: 7/22/2021

Chain of Custody No.: 350.0044.006

6. How did you first learn about ALS?  
Tiffany Ott, Butte, MT

## 7. REQUEST FOR ANALYSES

Client Sample Number	Matrix*	Sample/Area Volume	ANALYSES REQUESTED - Use method number if known	Units**	Lab Comments
A4-1	Wipe	100cm <sup>2</sup>	Meth - Wall Behind Stove	ug/100cm <sup>2</sup>	
-2			Bathroom Ceiling/Fan	ug/100cm <sup>2</sup>	
-3			Living Room Wall		
-4			Wall/Window		
-5			Master Bedroom Wall		
A12-1			Wall Behind Stove		
2			Bathroom Ceiling/Fan		
3			Master Bedroom		
4			Living Room Wall		
-5			Bedroom Wall		
A13-1			Wall Behind Stove		
2			Bathroom Ceiling		
3			Living Room Wall		
4			Master Bedroom Wall		

\* Specify: Solid sorbent tube, e.g. Charcoal; Filter type; Impinger solution; Bulk sample; Blood; Urine; Tissue; Soil; Water; Other

\*\* 1. µg/sample 2. mg/m<sup>3</sup> 3. ppm 4. % 5. µg/m<sup>3</sup> 6. (other) Please indicate one or more units in the column entitled Units\*\*

Comments \* Please provide analysis for A13-5 - Bedroom Wall/Window

Possible Contamination and/or Chemical Hazards None

## 7. Chain of Custody (Optional)

Relinquished by	<u>Ryan D. McBee</u>	Date/Time	<u>7/22/2021 5:30 pm</u>
Received by	<u>Angela Coates</u>	Date/Time	<u>7-26-2021 0845</u>
Relinquished by		Date/Time	
Received by		Date/Time	



Align top of FedEx Express® shipping label here.

ORIGIN ID:HLNA (406) 461-4037  
RYAN MCGEE  
NEWFIELD  
1349 W PEACHTREE ST NW #1950

ATLANTA, GA 30309  
UNITED STATES US

SHIP DATE: 22JUL21  
ACTWGT: 0.95 LB  
CAD: 6994234/99FE2202

BILL THIRD PARTY

Part # 155297#03A-9804E7035 06/22

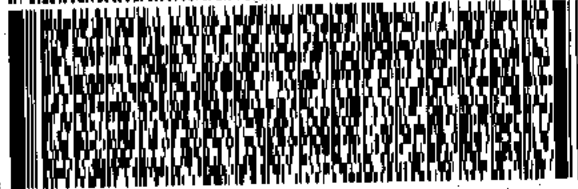
TO **ALS LABS**  
**ALS LABS**  
**960 W LEVOY DR**

**SALT LAKE CITY UT 84123**

(800) 366-0136

REF:

DEPT:



**FedEx**  
Express



**MON - 26 JUL 4:30P**

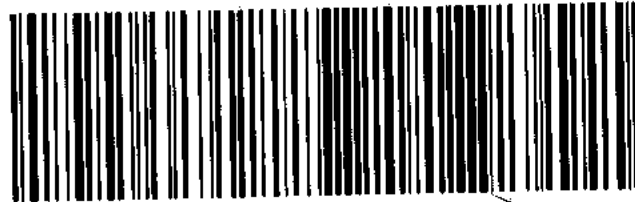
TRK# 2817 5324 7543  
0201

**\*\* 2DAY \*\***

**SH BTFA**

**84123**

**UT-US SLC**



Align bottom of peel-and-stick airbill or pouch here.

RT 907  
ST 15  
16:30  
1543  
07:28  
A



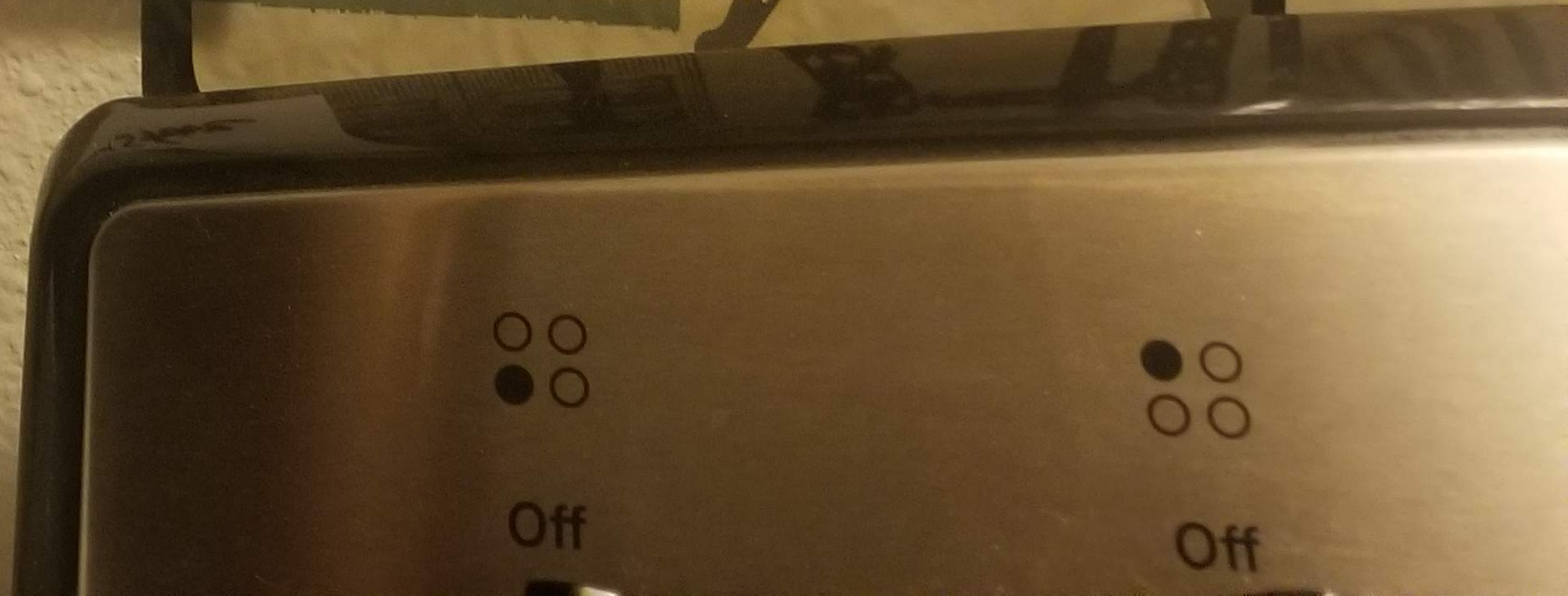
7/1/21

①

100cm<sup>2</sup>



Unit 12 - Kitchen Behind Stove

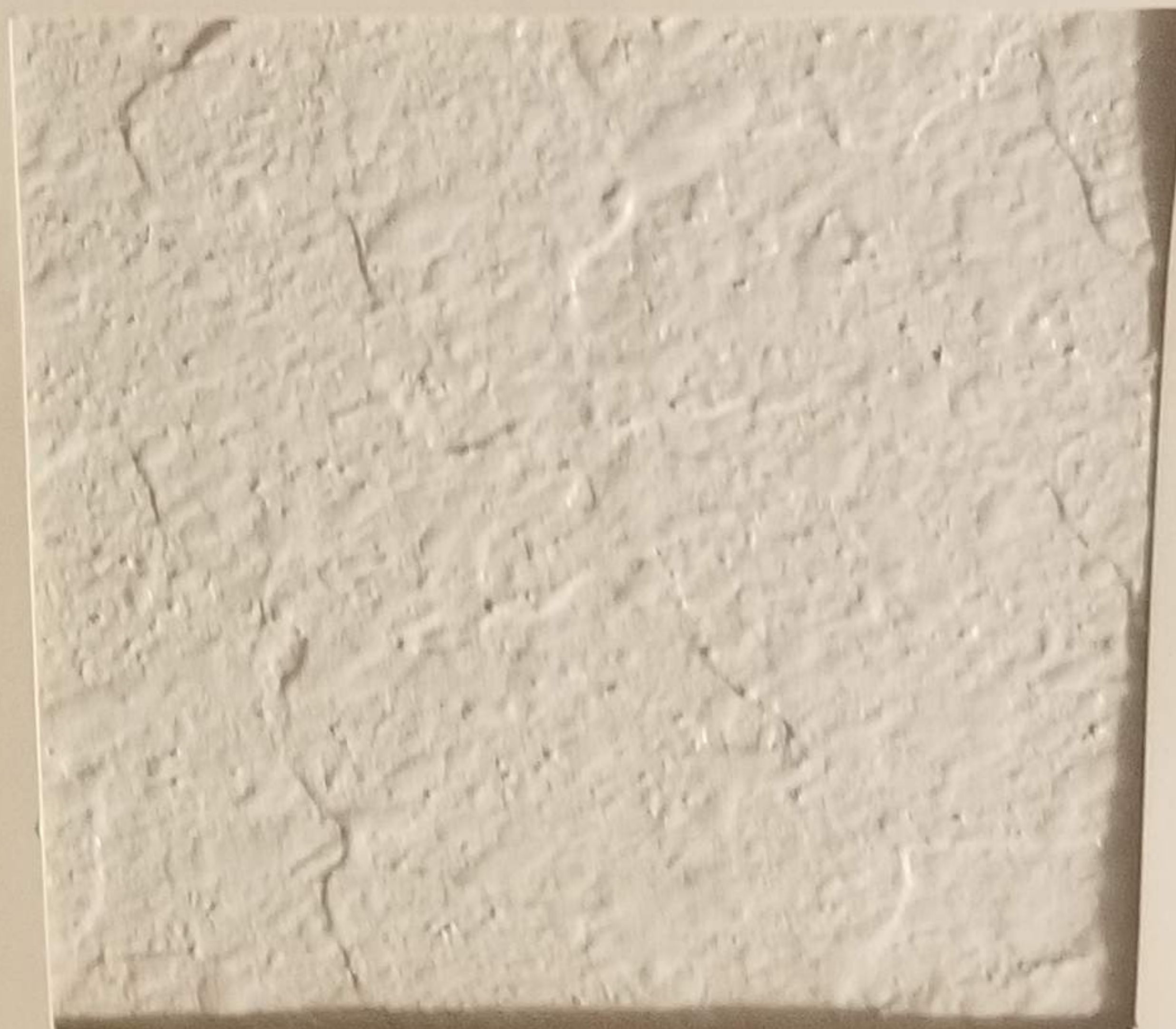




7/19/21

②

100cm<sup>2</sup>



Unit 12 - Bathroom Ceiling Fan



7/19/2021

(3)

100cm<sup>2</sup>

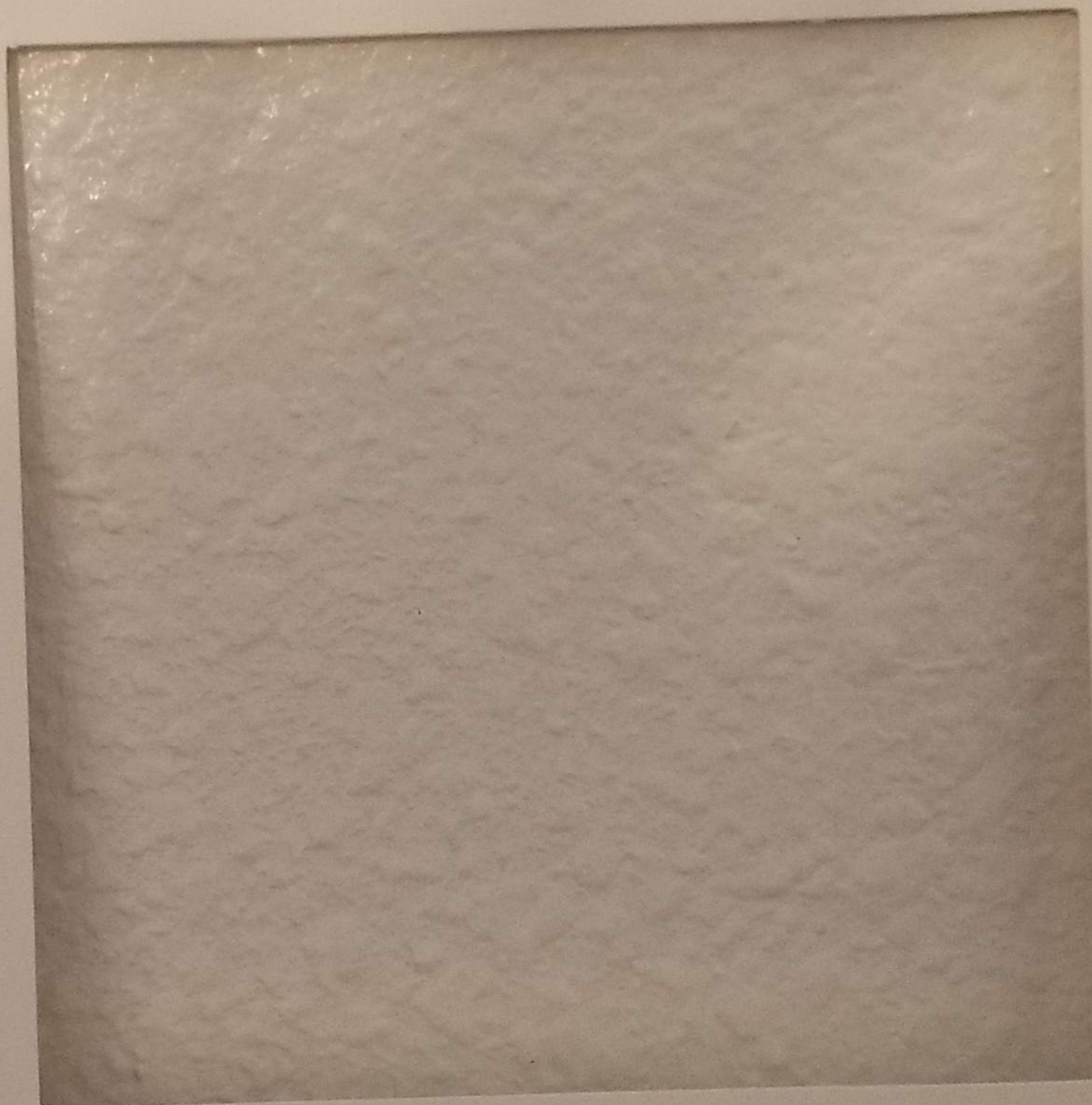
Unit 12 - Master Bedroom window  
Frame 15.71



7/17/2021

(4)

100cm<sup>2</sup>



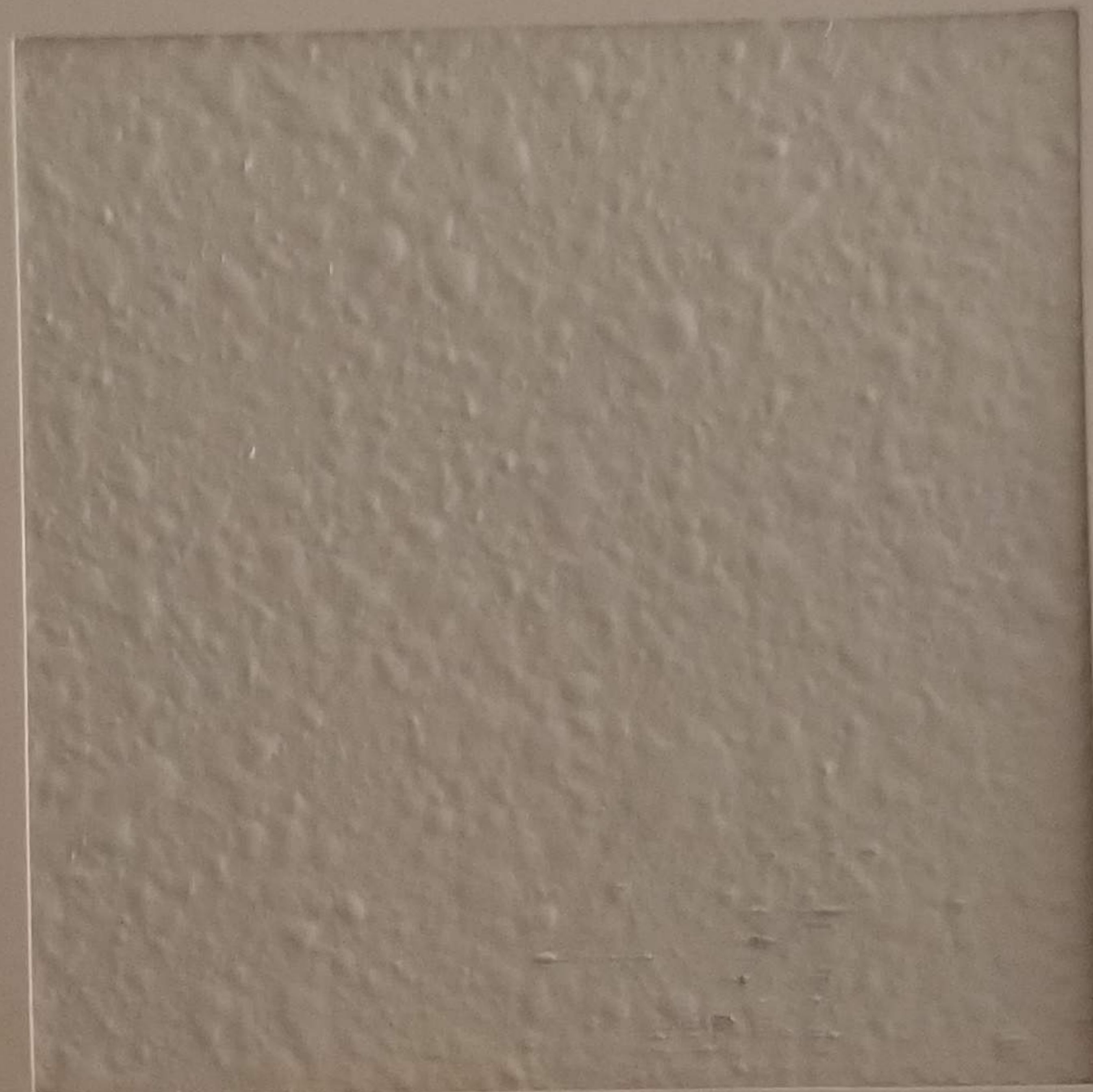
Unit 12 living room window/skull



7/19/2021

⑤

100 cm<sup>2</sup>



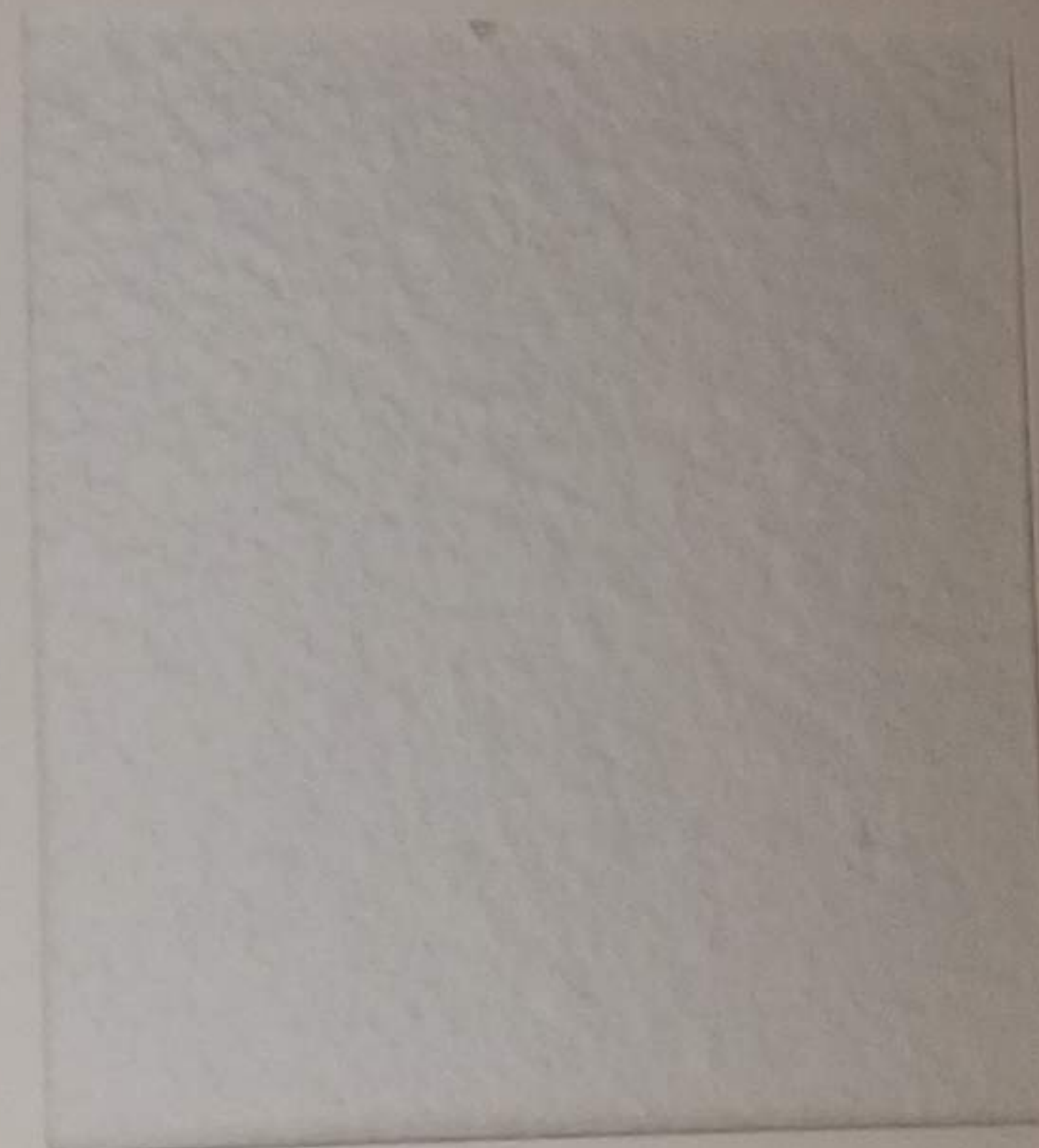
Unit 12 - Bedroom Wall



7/19/21

①

100cm<sup>2</sup>



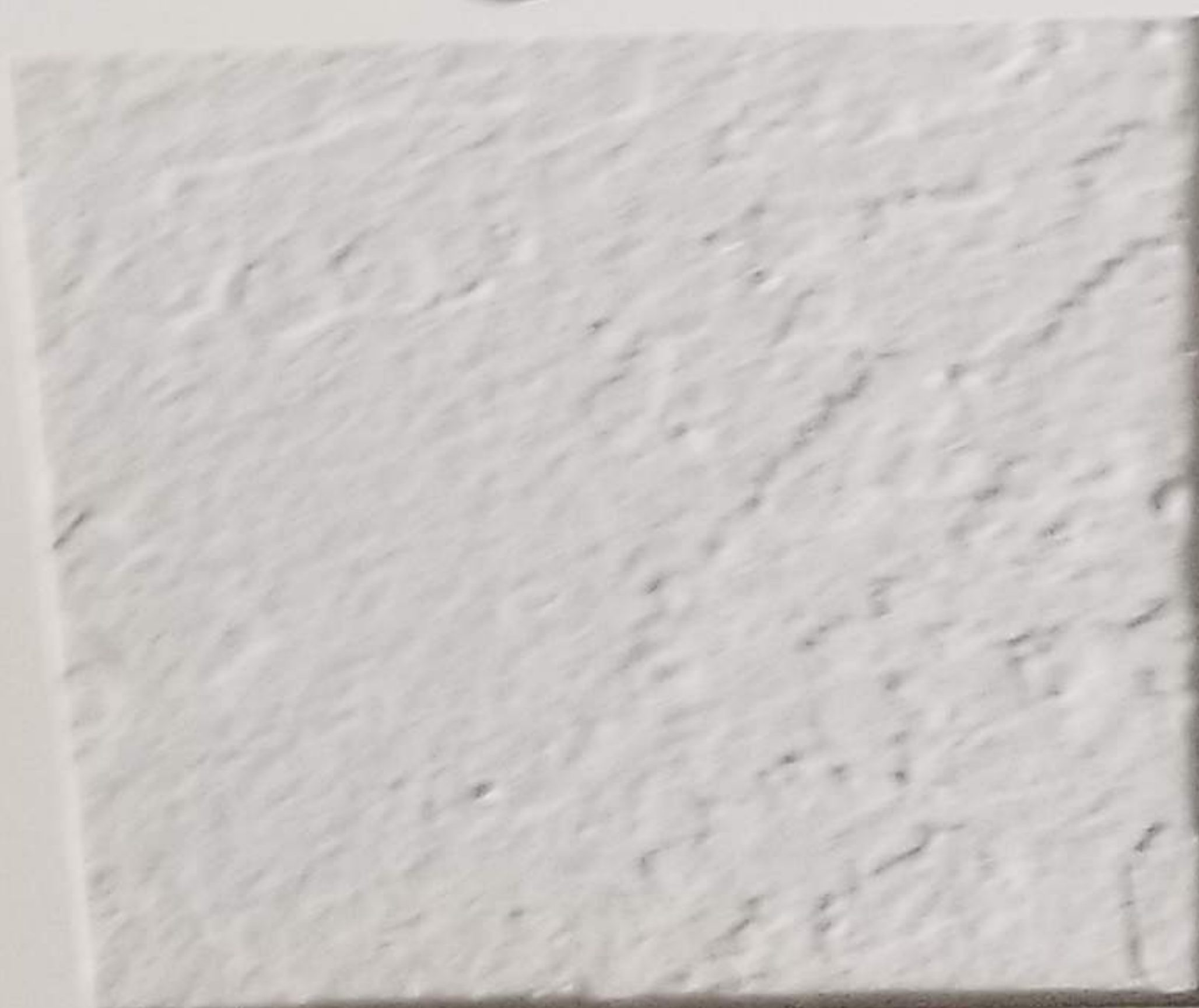
Unit 4 - Wall behind stove



7/19/21

(2)

100cm<sup>2</sup>



Unit 4 - Bathroom Ceiling by Ten



7/19/21

③

100cm<sup>2</sup>

Unit 4 - Living Room Wall/Window



④

Unit 4 - Mar Bedroom wall window



7/19/21

⑤

100cm<sup>2</sup>

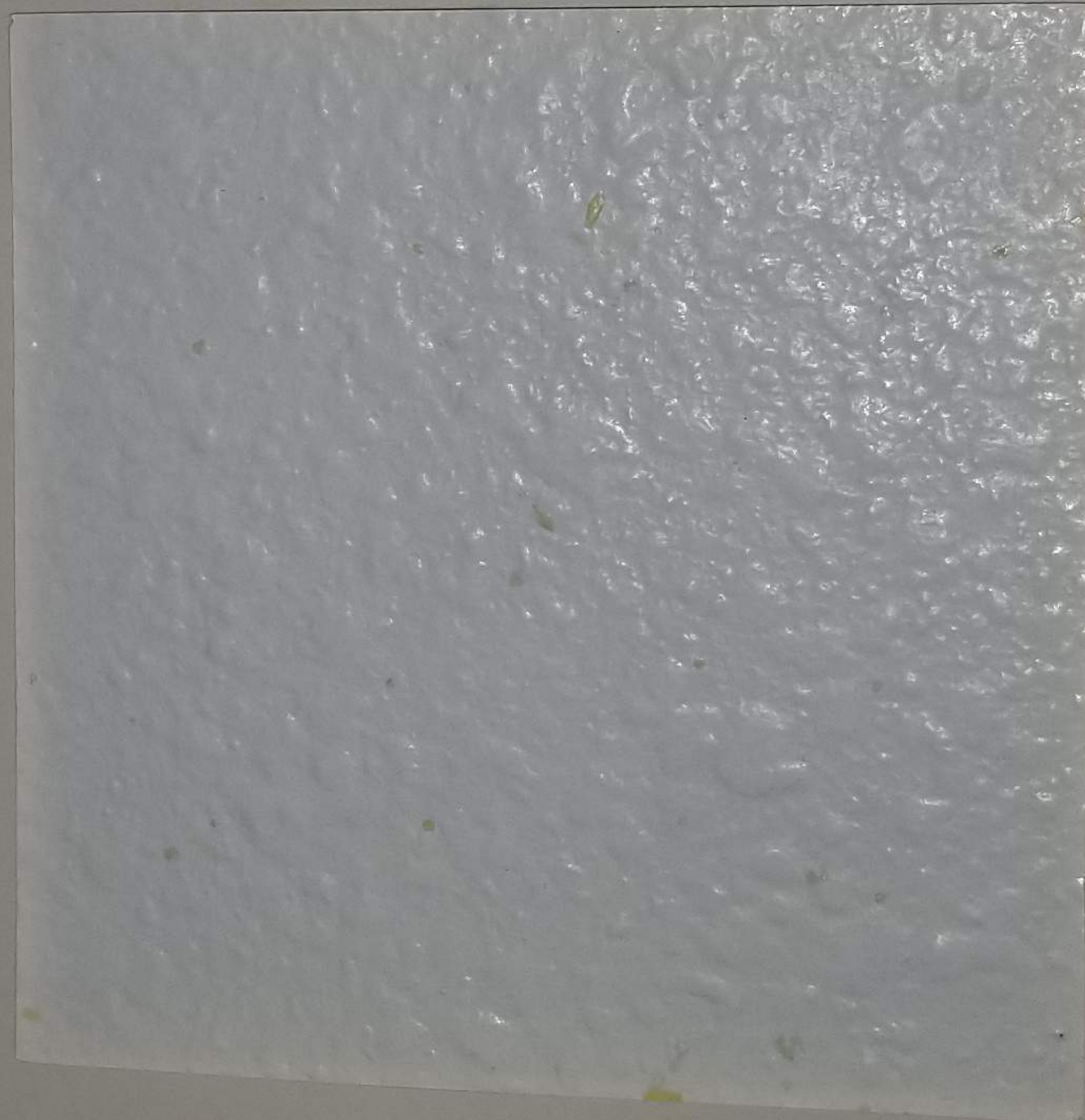
Unit 4 - Master Bedroom wall



7/19/21



100cm<sup>2</sup>



Unit 13 - Wall Behind Stone





7/19/21

②

100cm<sup>2</sup>



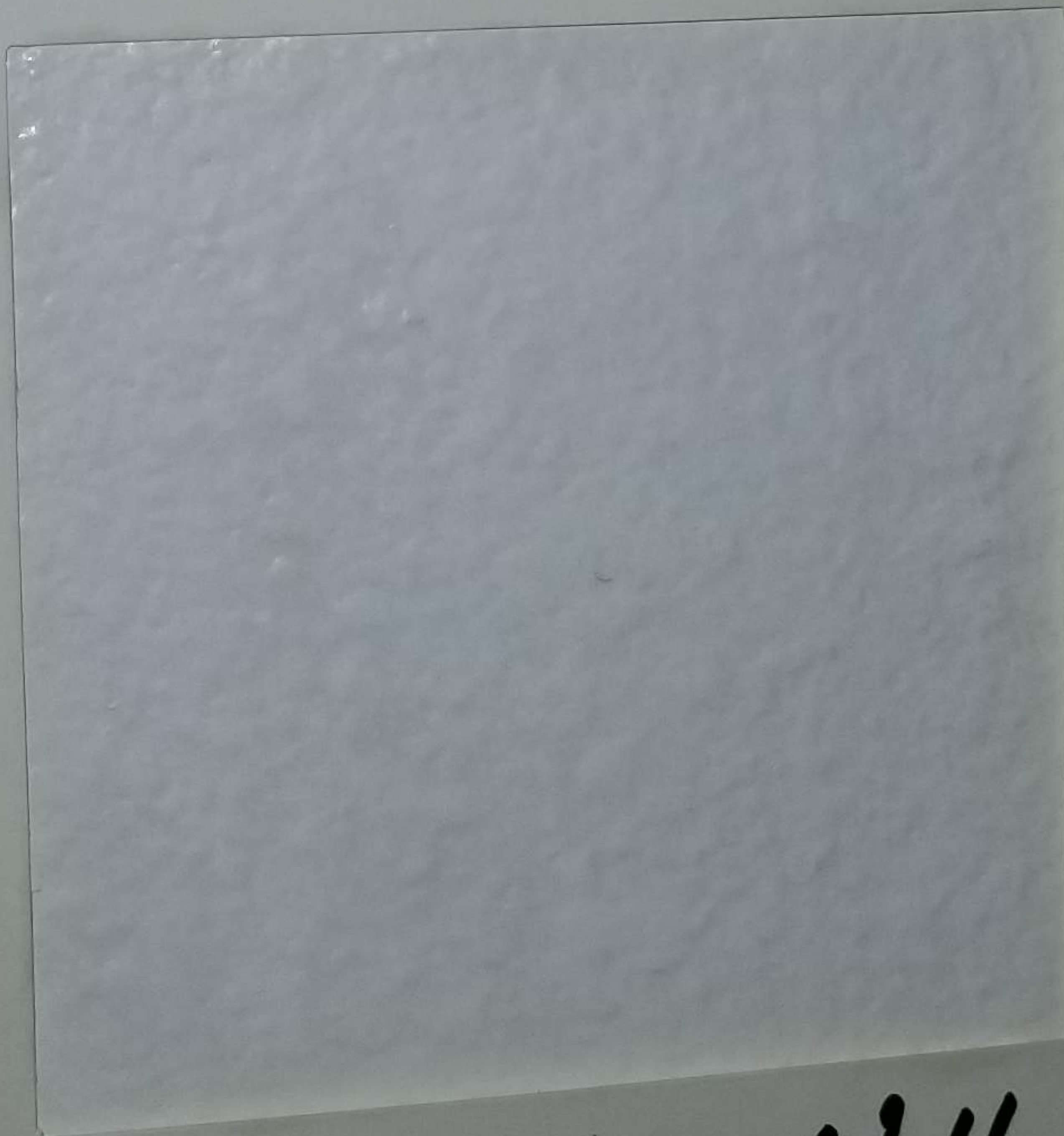
Unit 13-Bathroom Ceiling



7/19/21

③

100cm<sup>2</sup>



Unit B - Living Room Wall



7/19/12

④

100cm<sup>2</sup>

Unit 13 Master Bedroom Window/  
Wall



7/19/21

⑤

100cm<sup>2</sup>



Unit 13 - Bedroom wall/window



## RADON



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-0327

<http://www.EMSL.com>[cinnaminsonradonlab@emsl.com](mailto:cinnaminsonradonlab@emsl.com)

EMSL Order: 382111513

CustomerID: NEWF42

CustomerPO:

ProjectID:

Attn: **Michael Kelly**  
**NewFields**  
**104 E Broadway Street, Ste G-1**  
**Helena, MT 59602**

Phone: (406) 549-8270  
 Fax: (406) 549-8277  
 Received: 11/5/2021 10:30 AM  
 Analysis Date: 11/5/2021  
 Collected: 10/26/2021

Project: **Highland Manor / 1315 & 1325 Jefferson Avenue**

Test Site: **Highland Manor**  
**1315 & 1325 Jefferson Avenue**  
**Havre, MT 59501**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 273405**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471161	05	1.5	10/26/2021	10/29/2021	68	60	Customer
382111513-0001			2:40:00 PM	3:23:00 PM			

**Sample Notes:**

471307	05	2.1	10/26/2021	10/29/2021	68	60	Customer
382111513-0002			2:40:00 PM	3:23:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273405** **Average Radon Result: 1.8 pCi/L**

**Samples for EMSL Kit 273391**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471339	Field Blank (28)	-0.7	10/26/2021	10/29/2021	68	70	Blank
382111513-0003			1:09:00 PM	3:01:00 PM			

**Sample Notes:**

471323	Field Blank (28)	-0.9	10/26/2021	10/29/2021	68	70	Blank
382111513-0004			1:09:00 PM	3:01:00 PM			

**Sample Notes:****Samples for EMSL Kit 273396**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471160	28	-0.2	10/26/2021	10/29/2021	66	70	Customer
382111513-0005			1:09:00 PM	3:01:00 PM			

**Sample Notes:**

471075	28	-0.7	10/26/2021	10/29/2021	66	70	Customer
382111513-0006			1:09:00 PM	3:01:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273396** **Average Radon Result: 0.0 pCi/L**



**EMSL Analytical, Inc.**

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<http://www.EMSL.com>[cinnaminsonradonlab@emsl.com](mailto:cinnaminsonradonlab@emsl.com)

EMSL Order: 382111543

CustomerID: NEWF42

CustomerPO:

ProjectID:

Attn: **Michael Kelly**  
**NewFields**  
**104 E Broadway Street, Ste G-1**  
**Helena, MT 59602**

Phone: (406) 549-8270  
 Fax: (406) 549-8277  
 Received: 11/5/2021 10:30 AM  
 Analysis Date: 11/5/2021  
 Collected: 10/26/2021

Project: **Highland Manor / 1315 & 1325 Jefferson Avenue**

Test Site: **Highland Manor**  
**1315 & 1325 Jefferson Avenue**  
**Havre, MT 59501**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 273397**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471044	26	0	10/26/2021 1:14:00 PM	10/29/2021 2:59:00 PM	76	30	Customer
382111513-0007							

**Sample Notes:**

471072	26	0.3	10/26/2021 1:14:00 PM	10/29/2021 2:59:00 PM	76	30	Customer
382111513-0008							

**Sample Notes:**

**Summary for EMSL Kit 273397** **Average Radon Result: 0.2 pCi/L**

**Samples for EMSL Kit 273398**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471051	17	1.1	10/26/2021 1:22:00 PM	10/29/2021 2:57:00 PM	68	60	Customer
382111513-0009							

**Sample Notes:**

471191	17	1.1	10/26/2021 1:22:00 PM	10/29/2021 2:57:00 PM	68	60	Customer
382111513-0010							

**Sample Notes:**

**Summary for EMSL Kit 273398** **Average Radon Result: 1.1 pCi/L**

**Samples for EMSL Kit 272902**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471569	19		10/26/2021 1:30:00 PM	10/29/2021 2:52:00 PM	68	70	Customer
382111513-0011							

**Sample Notes:** Not Analyzed  
 Closed house conditions not kept during testing.

471475	19		10/26/2021 1:30:00 PM	10/29/2021 2:52:00 PM	68	70	Customer
382111513-0012							

**Sample Notes:** Not Analyzed  
 Closed house conditions not kept during testing.

**Summary for EMSL Kit 272902** **Average Radon Result: 0.0 pCi/L**



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<http://www.EMSL.com>[cinnaminsonradonlab@emsl.com](mailto:cinnaminsonradonlab@emsl.com)

Highland Manor Environmental Review

EMSL Order: 382111513

CustomerID: NEWF42

CustomerPO:

ProjectID:

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Attn: **Michael Kelly**  
**NewFields**  
**104 E Broadway Street, Ste G-1**  
**Helena, MT 59602**

Phone: (406) 549-8270  
 Fax: (406) 549-8277  
 Received: 11/5/2021 10:30 AM  
 Analysis Date: 11/5/2021  
 Collected: 10/26/2021

Project: **Highland Manor / 1315 & 1325 Jefferson Avenue**

Test Site: **Highland Manor**  
**1315 & 1325 Jefferson Avenue**  
**Havre, MT 59501**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 273393**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471196	18		10/26/2021	10/29/2021	70	70	Customer
382111513-0013			1:34:00 PM	2:55:00 PM			

**Sample Notes:** Not Analyzed  
 Closed house conditions not kept during testing.

471205	18		10/26/2021	10/29/2021	70	70	Customer
382111513-0014			1:34:00 PM	2:55:00 PM			

**Sample Notes:** Not Analyzed  
 Closed house conditions not kept during testing.

**Summary for EMSL Kit 273393** **Average Radon Result: 0.0 pCi/L**

**Samples for EMSL Kit 272903**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471496	24	1.4	10/26/2021	10/29/2021	72	50	Customer
382111513-0015			1:37:00 PM	2:50:00 PM			

**Sample Notes:**

471572	24	1.3	10/26/2021	10/29/2021	72	50	Customer
382111513-0016			1:37:00 PM	2:50:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 272903** **Average Radon Result: 1.3 pCi/L**

**Samples for EMSL Kit 273399**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471338	20	1.1	10/26/2021	10/29/2021	72	60	Customer
382111513-0017			1:43:00 PM	2:49:00 PM			

**Sample Notes:**

471389	20	1.1	10/26/2021	10/29/2021	72	60	Customer
382111513-0018			1:43:00 PM	2:49:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273399** **Average Radon Result: 1.1 pCi/L**



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200 Route 130 North, Cinnaminson, NJ 08077

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<http://www.EMSL.com>[cinnaminsonradonlab@emsl.com](mailto:cinnaminsonradonlab@emsl.com)

EMSL Order: 382111543

CustomerID: NEWF42

CustomerPO:

ProjectID:

Attn: **Michael Kelly**  
**NewFields**  
**104 E Broadway Street, Ste G-1**  
**Helena, MT 59602**

Phone: (406) 549-8270  
 Fax: (406) 549-8277  
 Received: 11/5/2021 10:30 AM  
 Analysis Date: 11/5/2021  
 Collected: 10/26/2021

Project: **Highland Manor / 1315 & 1325 Jefferson Avenue**

Test Site: **Highland Manor**  
**1315 & 1325 Jefferson Avenue**  
**Havre, MT 59501**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 272901**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471514	23	1.4	10/26/2021	10/29/2021	72	50	Customer
382111513-0019			1:45:00 PM	2:45:00 PM			

**Sample Notes:**

471570	23	2	10/26/2021	10/29/2021	72	50	Customer
382111513-0020			1:45:00 PM	2:45:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 272901** **Average Radon Result: 1.7 pCi/L**

**Samples for EMSL Kit 273400**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471358	22	1.4	10/26/2021	10/29/2021	72	60	Customer
382111513-0021			1:46:00 PM	2:43:00 PM			

**Sample Notes:**

471306	22	2	10/26/2021	10/29/2021	72	60	Customer
382111513-0022			1:46:00 PM	2:43:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273400** **Average Radon Result: 1.7 pCi/L**

**Samples for EMSL Kit 273389**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471256	21	0.7	10/26/2021	10/29/2021	76	50	Customer
382111513-0023			1:49:00 PM	2:41:00 PM			

**Sample Notes:**

472109	21	1	10/26/2021	10/29/2021	76	50	Customer
382111513-0024			1:49:00 PM	2:41:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273389** **Average Radon Result: 0.9 pCi/L**



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-0327

<http://www.EMSL.com>[cinnaminsonradonlab@emsl.com](mailto:cinnaminsonradonlab@emsl.com)

Highland Manor Environmental Review

EMSL Order: 382111513

CustomerID: NEWF42

CustomerPO:

ProjectID:

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Attn: **Michael Kelly**  
**NewFields**  
**104 E Broadway Street, Ste G-1**  
**Helena, MT 59602**

Phone: (406) 549-8270  
 Fax: (406) 549-8277  
 Received: 11/5/2021 10:30 AM  
 Analysis Date: 11/5/2021  
 Collected: 10/26/2021

Project: **Highland Manor / 1315 & 1325 Jefferson Avenue**

Test Site: **Highland Manor**  
**1315 & 1325 Jefferson Avenue**  
**Havre, MT 59501**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 273394**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471220	14	-0.5	10/26/2021	10/29/2021	68	20	Customer
382111513-0025			1:56:00 PM	2:38:00 PM			

**Sample Notes:**

471242	14	0.1	10/26/2021	10/29/2021	68	20	Customer
382111513-0026			1:56:00 PM	2:38:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273394** **Average Radon Result: 0.1 pCi/L**

**Samples for EMSL Kit 273392**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471222	15	0.5	10/26/2021	10/29/2021	72	60	Customer
382111513-0027			2:01:00 PM	2:35:00 PM			

**Sample Notes:**

471327	15	0.8	10/26/2021	10/29/2021	72	60	Customer
382111513-0028			2:01:00 PM	2:35:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273392** **Average Radon Result: 0.6 pCi/L**

**Samples for EMSL Kit 272904**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
470666	01	0.4	10/26/2021	10/29/2021	90	20	Customer
382111513-0029			2:06:00 PM	2:30:00 PM			

**Sample Notes:**

471503	01	0.9	10/26/2021	10/29/2021	90	20	Customer
382111513-0030			2:06:00 PM	2:30:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 272904** **Average Radon Result: 0.6 pCi/L**



**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-0327

<http://www.EMSL.com>[cinnaminsonradonlab@emsl.com](mailto:cinnaminsonradonlab@emsl.com)

EMSL Order: 382111543

CustomerID: NEWF42

CustomerPO:

ProjectID:

Attn: **Michael Kelly**  
**NewFields**  
**104 E Broadway Street, Ste G-1**  
**Helena, MT 59602**

Phone: (406) 549-8270  
 Fax: (406) 549-8277  
 Received: 11/5/2021 10:30 AM  
 Analysis Date: 11/5/2021  
 Collected: 10/26/2021

Project: **Highland Manor / 1315 & 1325 Jefferson Avenue**

Test Site: **Highland Manor**  
**1315 & 1325 Jefferson Avenue**  
**Havre, MT 59501**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 273404**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471344	02	0.9	10/26/2021	10/29/2021	76	30	Customer
382111513-0031			2:10:00 PM	2:28:00 PM			

**Sample Notes:**

471274	02	1.3	10/26/2021	10/29/2021	76	30	Customer
382111513-0032			2:10:00 PM	2:28:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273404** **Average Radon Result: 1.1 pCi/L**

**Samples for EMSL Kit 273403**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471283	08	1.6	10/26/2021	10/29/2021	68	40	Customer
382111513-0033			2:14:00 PM	2:25:00 PM			

**Sample Notes:**

471184	08	1.7	10/26/2021	10/29/2021	68	40	Customer
382111513-0034			2:14:00 PM	2:25:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273403** **Average Radon Result: 1.7 pCi/L**

**Samples for EMSL Kit 273402**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471286	03	-0.5	10/26/2021	10/29/2021	72	60	Customer
382111513-0035			2:18:00 PM	2:22:00 PM			

**Sample Notes:**

471378	03	0	10/26/2021	10/29/2021	72	60	Customer
382111513-0036			2:18:00 PM	2:22:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273402** **Average Radon Result: 0.0 pCi/L**



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Highland Manor Environmental Review

EMSL Order: 382111513

CustomerID: NEWF42

CustomerPO:

ProjectID:

Attn: **Michael Kelly**  
**NewFields**  
**104 E Broadway Street, Ste G-1**  
**Helena, MT 59602**

Phone: (406) 549-8270  
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 Received: 11/5/2021 10:30 AM  
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Project: **Highland Manor / 1315 & 1325 Jefferson Avenue**

Test Site: **Highland Manor**  
**1315 & 1325 Jefferson Avenue**  
**Havre, MT 59501**

**Test Report: Radon in Air Test Results****Samples for EMSL Kit 273395**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471221	07	1.7	10/26/2021	10/29/2021	72	70	Customer
382111513-0037			2:21:00 PM	2:24:00 PM			

**Sample Notes:**

471215	07	0.8	10/26/2021	10/29/2021	72	70	Customer
382111513-0038			2:21:00 PM	2:24:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273395** **Average Radon Result: 1.3 pCi/L**

**Samples for EMSL Kit 272905**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
470652	04	1.9	10/26/2021	10/29/2021	70	60	Customer
382111513-0039			2:28:00 PM	2:19:00 PM			

**Sample Notes:**

471564	04	1.6	10/26/2021	10/29/2021	70	60	Customer
382111513-0040			2:28:00 PM	2:19:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 272905** **Average Radon Result: 1.8 pCi/L**

**Samples for EMSL Kit 273401**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471337	06	0.4	10/26/2021	10/29/2021	72	50	Customer
382111513-0041			2:32:00 PM	2:16:00 PM			

**Sample Notes:**

472291	06	0.4	10/26/2021	10/29/2021	72	50	Customer
382111513-0042			2:32:00 PM	2:16:00 PM			

**Sample Notes:**

**Summary for EMSL Kit 273401** **Average Radon Result: 0.4 pCi/L**





## EMSL Analytical, Inc.

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[cinnaminsonradonlab@emsl.com](mailto:cinnaminsonradonlab@emsl.com)

Highland Manor Environmental Review

EMSL Order: 382111543

CustomerID: NEWF42

CustomerPO:

ProjectID:

Attn: **Michael Kelly**  
**NewFields**  
**104 E Broadway Street, Ste G-1**  
**Helena, MT 59602**

Phone: (406) 549-8270  
Fax: (406) 549-8277  
Received: 11/5/2021 10:30 AM  
Analysis Date: 11/5/2021  
Collected: 10/26/2021

Project: **Highland Manor / 1315 & 1325 Jefferson Avenue**

Test Site: **Highland Manor**  
**1315 & 1325 Jefferson Avenue**  
**Havre, MT 59501**

## Test Report: Radon in Air Test Results

### Samples for EMSL Kit 273390

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
471367	Transit Blank	-0.6	10/26/2021	10/29/2021	68	60	Blank
382111513-0043			2:40:00 PM	2:45:00 PM			

### Sample Notes:

471335	Transit Blank	-0.6	10/26/2021	10/29/2021	68	60	Blank
382111513-0044			2:40:00 PM	2:45:00 PM			

### Sample Notes:

The radon test was performed using a liquid scintillation radon detector/s and counted on a liquid scintillation counter using approved EPA testing protocols for Radon in Air testing. The EPA recommends fixing your home if the average of two short-term tests taken in the lowest lived-in level of the home show radon levels that are equal to or greater than 4.0pCi/L. The EPA recommends retesting your home every two years.

Please contact EMSL Analytical, Inc. or your State Health Department for further information.

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of Radon in Air.

## Report Note

Analyst(s)

Kevin Schwartz (40)

Dominic Gehret, Radiochemistry Laboratory Manager, NJ Radon  
Measurement Specialist MES 13910  
or other approved signatory

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder. The test results meets all NELAC requirements unless otherwise specified.

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ FL RB2034/R2687,IL RNL2008202,IN RTL00935,IA RNLAB10005,KS KS-LB-0005/KS-MS-0482,ME SPC202,MN RL-0005,NE 474/RMB-1083,NJ 03036/MEB92525/MES13910,NY 10872,OH RL39,OK D9952,PA 2573/3393/68-00367,RI RMB-108/RI00179,WV RL000220,NRSB-ARL6006,NRPP

Initial report from 11/09/2021 13:45:05

Please visit [www.radontestinglab.com](http://www.radontestinglab.com)





EMSL ANALYTICAL, INC.

RECEIVED  
EMSL  
CINNAMINSON, N.J.

2021 NOV -5 A 10:30

KS

CHAIN OF CUSTODY  
RADON LABORATORY SERVICES  
(COMMERCIAL USE)

EMSL Job #: 382111513

EMSL ANALYTICAL, INC.  
200 ROUTE 130 NORTH  
CINNAMINSON, NJ 08077  
PHONE: 800-220-3675  
FAX: 856-786-0327

## Company Information

Company Name: NewFields  
 EMSL Account #: NEWF42  
 Contact: Michael Kelly  
 Address: 700 SW Higgins Ave  
 City: Missoula  
 State: MT Zip Code: 59803  
 Phone: 907-317-2924  
 Fax: NA  
 Email: MKelly@NewFields.com

## Project / Property Information:

Name: Highland Manor  
 Address: 1315 & 1325 Jefferson Ave  
 City: Havre  
 Municipality: — County: Hill  
 State: MT Zip Code: 59501  
 PO#/Project#: 350.0044.006  
☐ Please check box if this is a Post Mitigation Test  
 Technician Name: Michael Kelly  
 Technician Certification #: NRPP ID 109705 RT  
 Technician Signature: [Signature]

## Disclaimer

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages arising out of or in connection with EMSL's services there under or the delivery, use, reliance upon or interpretation of test results by client or third party. We accept no legal responsibility for the purposes for which the client uses the test results. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereafter.

Box Number	Device Number	Location	Exposure Period Beginning Date and Time	Exposure Period Ending Date and Time	Temperature, °F	Humidity, %
	EMSL					
	200 ROUTE 130 N					
	CINNAMINSON NJ 08077					
	P: PINK06 S: 1		I: 615			
	0615 - RDL					
	17697X09034497		6050			
	HCP6JVB DOOR BA		NOV 5 04:38:32 2021			
	UPS					

Relinquished By:

Received By:



382111513

**Highland Manor**

350.0044.006

1315 and 1235 Jefferson Ave., Havre, MT 59501

Box Number	Device Number	Location	Exposure Period Start Date/Time	Exposure Period End Date/Time	Temperature (deg F)	Humidity (%)
273405	471161	05	10/26/21 14:40	10/29/21 15:23	68.0	60.0
273405	471307	05	10/26/21 14:40	10/29/21 15:23	68.0	60.0
273391	471339	Field blank (28)	10/26/21 13:09	10/29/21 15:01	68.0	70.0
273391	471323	Field blank (28)			68.0	70.0
273396	471160	28	10/26/21 13:09	10/29/21 15:01	66.0	70.0
273396	471075	28	10/26/21 13:09	10/29/21 15:01	66.0	70.0
273397	471044	26	10/26/21 13:14	10/29/21 14:59	76.0	30.0
273397	471072	26	10/26/21 13:14	10/29/21 14:59	76.0	30.0
273398	471051	17	10/26/21 13:22	10/29/21 14:57	68.0	60.0
273398	471191	17	10/26/21 13:22	10/29/21 14:57	68.0	60.0
272902	471569	19	10/26/21 13:30	10/29/21 14:52	68.0	70.0
272902	471475	19	10/26/21 13:30	10/29/21 14:52	68.0	70.0
273393	471196	18	10/26/21 13:34	10/29/21 14:55	70.0	70.0
273393	471205	18	10/26/21 13:34	10/29/21 14:55	70.0	70.0
272903	471496	24	10/26/21 13:37	10/29/21 14:50	72.0	50.0
272903	471572	24	10/26/21 13:37	10/29/21 14:50	72.0	50.0
273399	471338	20	10/26/21 13:43	10/29/21 14:49	72.0	60.0
273399	471389	20	10/26/21 13:43	10/29/21 14:49	72.0	60.0
272901	471514	23	10/26/21 13:45	10/29/21 14:45	72.0	50.0
272901	471570	23	10/26/21 13:45	10/29/21 14:45	72.0	50.0
273400	471358	22	10/26/21 13:46	10/29/21 14:43	72.0	60.0
273400	471306	22	10/26/21 13:46	10/29/21 14:43	72.0	60.0
273389	471256	21	10/26/21 13:49	10/29/21 14:41	76.0	50.0
273389	472109	21	10/26/21 13:49	10/29/21 14:41	76.0	50.0
273394	471220	14	10/26/21 13:56	10/29/21 14:38	68.0	20.0
273394	471242	14	10/26/21 13:56	10/29/21 14:38	68.0	20.0
273392	471222	15	10/26/21 14:01	10/29/21 14:35	72.0	60.0
273392	471327	15	10/26/21 14:01	10/29/21 14:35	72.0	60.0
272904	470666	01	10/26/21 14:06	10/29/21 14:30	90.0	20.0
272904	471503	01	10/26/21 14:06	10/29/21 14:30	90.0	20.0
273404	471344	02	10/26/21 14:10	10/29/21 14:28	76.0	30.0
273404	471274	02	10/26/21 14:10	10/29/21 14:28	76.0	30.0
273403	471283	08	10/26/21 14:14	10/29/21 14:25	68.0	40.0



382111513

Box Number	Device Number	Location	Exposure Period Start Date/Time	Exposure Period End Date/Time	Temperature (deg F)	Humidity (%)
273403	471184	08	10/26/21 14:14	10/29/21 14:25	68.0	40.0
273402	471286	03	10/26/21 14:18	10/29/21 14:22	72.0	60.0
273402	471378	03	10/26/21 14:18	10/29/21 14:22	72.0	60.0
273395	471221	07	10/26/21 14:21	10/29/21 14:24	72.0	70.0
273395	471215	07	10/26/21 14:21	10/29/21 14:24	72.0	70.0
272905	470652	04	10/26/21 14:28	10/29/21 14:19	70.0	60.0
272905	471564	04	10/26/21 14:28	10/29/21 14:19	70.0	60.0
273401	471337	06	10/26/21 14:32	10/29/21 14:16	72.0	50.0
273401	472291	06	10/26/21 14:32	10/29/21 14:16	72.0	50.0
273390	471367	Transit Blank	10/26/21 14:40	10/29/21 14:45	68.0	60.0
273390	471335	Transit Blank			68.0	60.0