



Asbestos and Lead-Based Paint Abatement Completion Report Heart Butte Government Square Heart Butte, Montana



NewFields
February 2021



Blackfeet Environmental Office



Mr. Shawn Lahr Brownfields Coordinator Blackfeet Environmental Office Blackfeet Tribe Brownfields Program

Subject: Asbestos and Lead-Based Paint Abatement Completion Report Heart Butte Government Square, Government Square Loop

Heart Butte, Pondera County, Montana

Dear Mr. Lahr:

NewFields is pleased to provide this Asbestos and Lead-Based Paint (LBP) Completion Report documenting the abatement work completed on the Heart Butte Government Square - Government Square Loop (HBGS) Project in Heart Butte, Montana. Asbestos and LBP abatement work was completed by Abatement Contractors of Montana (ACM) using grant funds from the U.S. Environmental Protection Agency (EPA). NewFields oversaw ACM to ensure that all abatement work was completed in accordance with current EPA and State of Montana Department of Environmental Quality (DEQ) regulations, consistent with the EPA-approved Cleanup Plan for Asbestos and Lead-based Paint Abatement (NewFields, 2020b).

### **PROJECT DESCRIPTION**

HBGS is located just east of the intersection of Heart Butte Road and Spotted Eagle Road in Heart Butte, Montana. The project site encompassed approximately 4.6 acres (**Figures I** and **2**). All buildings on the HBGS property were once used for residential and commercial purposes; however, over time several of the buildings have been vacated and are no longer in use.

The Blackfeet Environmental Office (BEO) utilized a Cleanup Grant from EPA to complete abatement work prior to renovation or demolition of the five buildings included in this project. The five buildings that were part of this project include the Round Hall, the Fire Garage, the Comes at Night House, the Rutherford House, and the Community Center, also be referred to as the Senior Center (**Figures 3** through **7**).

NewFields oversaw the abatement activities over the course of the project and stayed in close contact with both ACM and BEO personnel throughout the project. The project began on August 31, 2020 and was completed by September 10, 2020. A list of services completed by NewFields for this project are listed below.

### **SCOPE OF NEWFIELDS SERVICES**

Components for project completion:

 Preparation of a Sampling and Analysis Plan (SAP) and Site-Specific Health and Safety Plan (HASP) (NewFields, 2020a);

- Preparation of a Cleanup Plan for Asbestos and LBP Abatement (NewFields, 2020b);
- Completing the Analysis of Brownfields Cleanup Alternatives (ABCA) and attending meetings to assist BEO with technical questions during community outreach;
- Coordinating with project stakeholders, including regulatory agencies and historical preservationists;
- Coordinating and leading a pre-abatement logistical planning meeting;
- Performing abatement oversight, including asbestos visual and air clearance sampling and visual lead clearance sampling;
- Reviewing contractor certified payroll and payment applications requests, and other project management duties and
- Preparing this Completion Report.

Copies of the SAP and Cleanup Plan are available upon request. Additional information concerning the components completed by NewFields is provided below.

### ANALYSIS OF BROWNFIELDS CLEANUP ALTERNATIVES (ABCA)

As described in the assessment and cleanup alternatives report prepared by NewFields (NewFields, 2018), three alternatives were considered for abatement of asbestos-containing building materials (ACBM) and lead-based paint (LBP) on the HBGS Project, including:

- Alternative I: No Action.
- Alternative 2: Abatement of asbestos and/or lead-based paint, followed by demolition of all existing structures and redevelopment.
- Alternative 3: Abatement/renovation of three of the structures (Round Hall, Senior Center, and Comes at Night House) and abatement and demolition of two structures (Fire Garage and Rutherford House).

The alternatives were evaluated in the Brownfields Cleanup Alternatives (ABCA) based on regulatory compliance, effectiveness, implementability, and cost. Of the three cleanup alternatives evaluated, Alternative 3 was selected as the preferred alternative. The ABCA is included in **Attachment A**.

### **COMMUNITY OUTREACH**

A Community Outreach Plan (**Attachment B**) was prepared to outline the steps taken to involve stakeholders during the cleanup process. To solicit public comments on the remediation approach, a public meeting was held on August 11, 2020, during the annual powwow at the Heart Butte Society Celebration. The public meeting was advertised and the BEO set up a table outside of the Heart Butte School, where NewFields answered technical questions about the project. Attendees included two members of the Blackfeet Tribal Business Council.

### **HISTORIC REGISTER DETERMINATION**

BEO prepared and submitted a request for documentation of HBGS buildings with the Blackfeet Tribal Historic Preservation Office (THPO). Based on THPO's review of the form, the THPO found no findings of Cultural Significance. Therefore, abatement work was completed without historical mitigation stipulations. The THPO letter is included as **Attachment C**.

### **SELECTION OF ABATEMENT CONTRACTOR**

Abatement Contractors of Montana (ACM) was selected to complete pre-renovation/demolition asbestos and LBP abatement for this project. As required for federally funded projects, NewFields verified that ACM was not listed as ineligible to work on federally funded projects on the Excluded Parties Listing System (EPLS), which later became the System for Award Management (SAM). ACM complied with applicable federal Davis-Bacon wage rate requirements as documented by certified payroll reports and employee interviews conducted by NewFields on behalf of BEO to verify compliance with prevailing wage rates. This documentation is not included in this report due to the sensitivity of personal information contained in payroll reports; however, documentation was submitted to BEO and is available upon request.

### **ABATEMENT ACTIVITIES**

A summary of the asbestos and LBP abated on this project is shown in **Table I** below. Additional details on the work completed for each structure is described in the following sections. A more detailed description of the asbestos and LBP abatement completed at each project is found in the Clearance Letter included as **Attachment D**. **Appendix D** also includes visual inspection forms, air sample collection forms, project photos, waste shipment records for asbestos disposal, and the lead TCLP analytical report for disposal.

Table I. ACBM and Lead-Based Paint Abated on the Project

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Building	Asbestos Abated	LBP Abated	Asbestos/LBP Clearance Completed	Planned Use	
Round Hall	None	Log ends and main entrance	None for asbestos, visual for LBP	Occupancy	
Rutherford House	Sheetrock Ceiling and Walls, Mud Patch Materials	None	Visual for asbestos only	Demo	
Comes at Night House	VSF and Moldy Subfloor	Log Ends and main entrance	Visual and Air Sampling for asbestos, visual for LBP	Occupancy	
Fire Garage	Exterior Cement Asbestos Board Panels	None	Visual for asbestos only	Reuse	
Community Center  VSF and Subfloor, Sheetrock (eastern half of building)		None	Visual and Air Sampling for asbestos only	Occupancy	

### **Asbestos Abatement**

Abatement work was completed by ACM between August 31, 2020 and September 10, 2020. Project management and oversight services were completed by NewFields staff to ensure ACM personnel



### **Asbestos Clearance**

Upon completion of the asbestos abatement activities, NewFields staff completed final clearance air sampling in accordance with the Administrative Rules of Montana (ARM) 17.74.357 and the EPA approved Sampling and Analysis Plan (NewFields, 2020a). Based on the type of asbestos abated and the plans for occupancy and demolition of building, clearance air sampling was completed within the Community Center and Comes at Nights House, and clearance visual inspections were completed at the Fire Garage and the Rutherford House. Based on clearance visual inspections all work areas were deemed clean and free from residual dust and debris. Final clearance air sample results showed that the two occupied buildings were safe for renovations with air quality remaining below the EPA and ARM asbestos clearance standard of less than or equal to 0.01 fibers per cubic centimeter of air (0.01 f/cc).

Based on visual observations made over the course of the project and final clearance visual and air sampling services. NewFields confirmed that the asbestos and LBP abatement work for the HBGS project was completed properly and the buildings were cleared for either re-occupancy or demolition.

### **Lead-Based Paint Removal**

The LBP abatement work was completed in accordance with EPA, OSHA, and the Cleanup Plan (NewFields, 2020b). The work consisted of abatement of LBP on the log ends and the main entrance of the Round Hall and select areas of the Comes at Night House. Loose and flaking paint was removed and the areas were re-painted. These areas should still be considered as containing LBP.

### **Lead Clearance**

Final visual clearance inspections were completed for the Round Hall and the Comes at Night House. NewFields completed a walkover of all areas with ACM personnel and confirmed that all paint chips were captured on plastic sheeting and that the paint chips were collected and scheduled for analysis in accordance with the Toxicity Characteristics Leaching Procedure (TCLP) for waste disposal.

### **DEVIATIONS FROM THE CLEANUP PLAN FOR ABATEMENT**

The scope of work deviated from the Cleanup Plan SAP (NewFields, 2020b), as follows:

- Vermiculite attic insulation in the Comes at Night House was originally scheduled to be abated but was omitted due to cost constraints by the BEO. In addition to the change in scope for vermiculite, the overall square footage of vinyl sheet flooring was reduced to include only the vinyl sheet flooring impacted by water intrusion. ACM, BEO and NewFields worked with Mr. Comes at Night to ensure the safe abatement and cleanup of his house. ACM applied a mold remediation treatment at Comes at Night building.
- At the Community Center sheetrock walls and ceilings containing less than one percent (<1%) asbestos in the west half/cafeteria area of the building were not abated as directed by BEO, as there was no plan to renovate the cafeteria.</p>
- The Rutherford House LBP abatement was omitted from the abatement scope of work. Since this building was to be demolished, NewFields instead collected a bulk material composite

sample of the building and analyzed it for lead by the Toxicity Characteristics Leaching Procedure (TCLP) method to determine if the demolition waste would be a hazardous waste. The TCLP lead result showed the demolition waste could be disposed of as a non-hazardous waste (see **Appendix D**).

• The scope at the Round Hall increased a bit to include repair and painting of all log ends in addition to the front entrance, as directed by the BEO.

We appreciate the opportunity to work with the Blackfeet Environmental Office and tribal members to assist through the pre-renovation and demolition asbestos and LBP abatement portion of this project. We look forward more opportunities to work with and assist BEO, and the Blackfeet Tribe for future redevelopment.

Respectfully submitted,

**NewFields** 

Ryan McGee

Sr. Environmental Scientist

Chris Cerquone
Principal Scientist

Figures:

Figure I - Location Map

Figure 2 - Site Map

Figures 3 - 7 Abatement Figures

Attachments:

Attachment A Analysis of Brownfields Cleanup Alternatives

Attachment B Community Relations Plan

Attachment C THPO Letter

Attachment D Final Clearance Letter for Asbestos and Lead-Based Paint Abatement

Electronic copy:

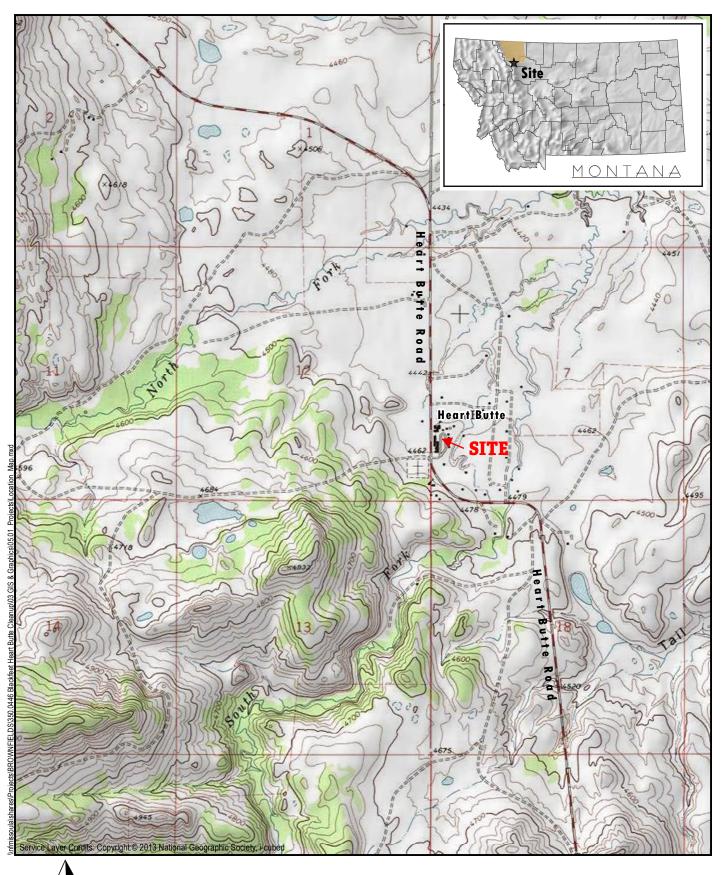
Ms. Barbara Benoy, U.S. Environmental Protection Agency, Region 8







# FIGURES

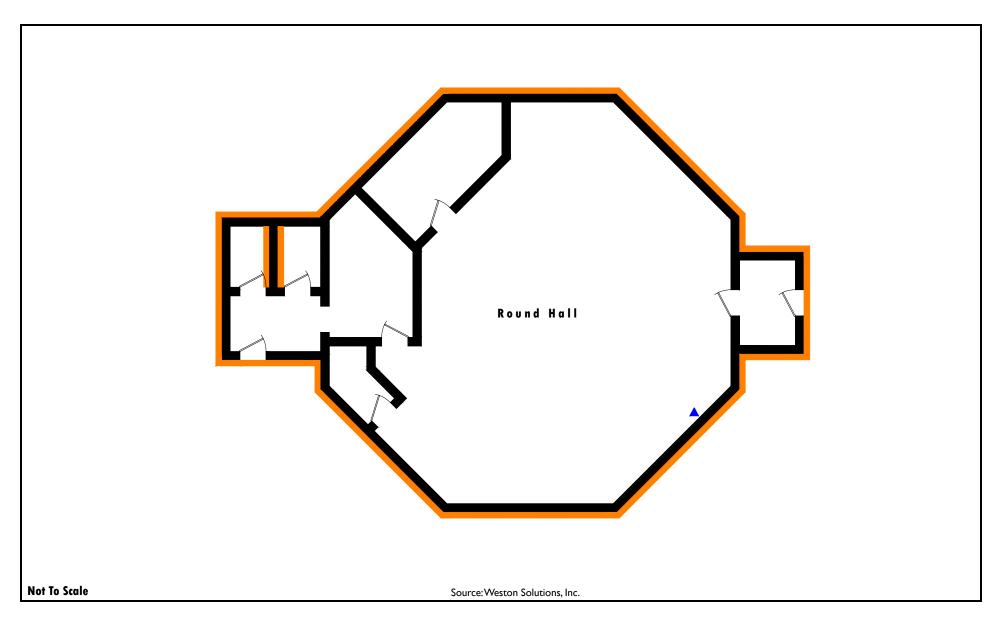


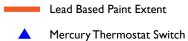






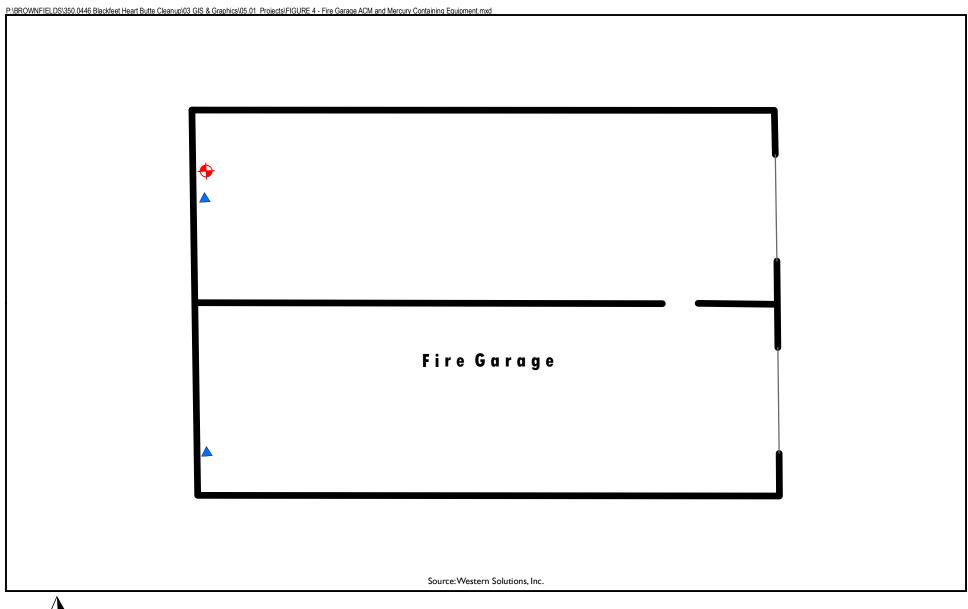








Round Hall - Lead Based Paint Hazardous Building Materials Survey Government Square Heart Butte, Montana FIGURE 3





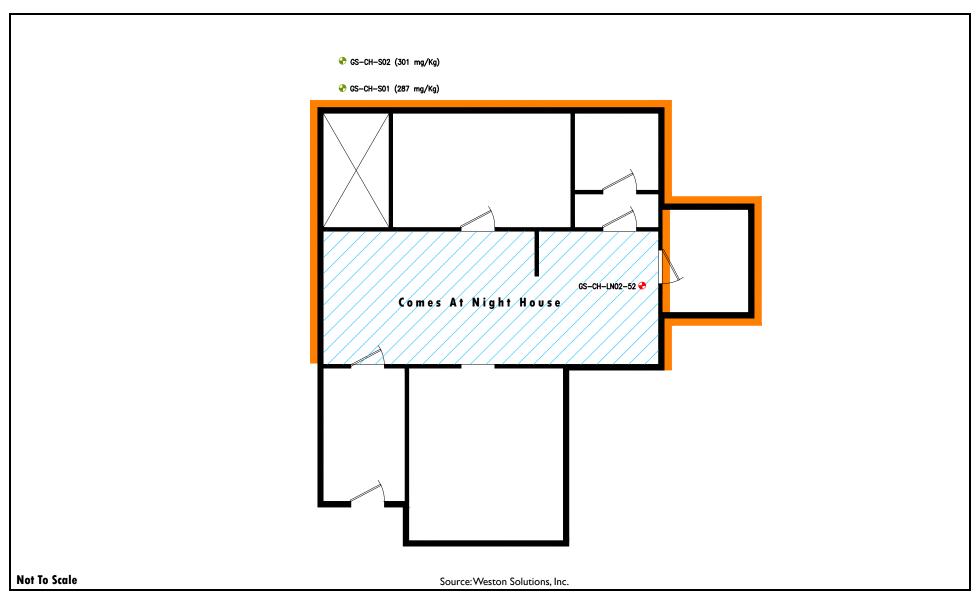


AMC Sample Location (Approximate)

— Garage Door

- Walls

Fire Garage ACM and Mercury Containing Equipment
Hazardous Building Materials Survey
Government Square
Heart Butte, Montana
FIGURE 4





Lead Based Paint Extent No Access

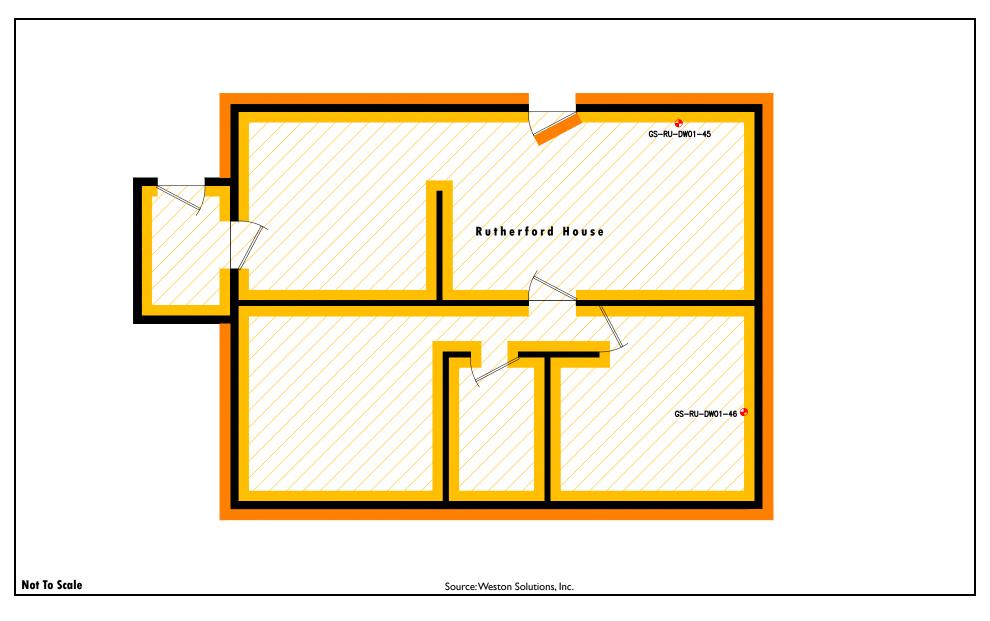
ACM Linoleum Extent

ACM Asbestos Containing Material

LBP Lead Based Paint

**ACM Sample Location** (Approximate)

Lead in Soil Sample Location (Approximate) Comes At Night House - ACM and LBP Inventory **Hazardous Building Materials Survey Government Square Heart Butte, Montana** FIGURE 5





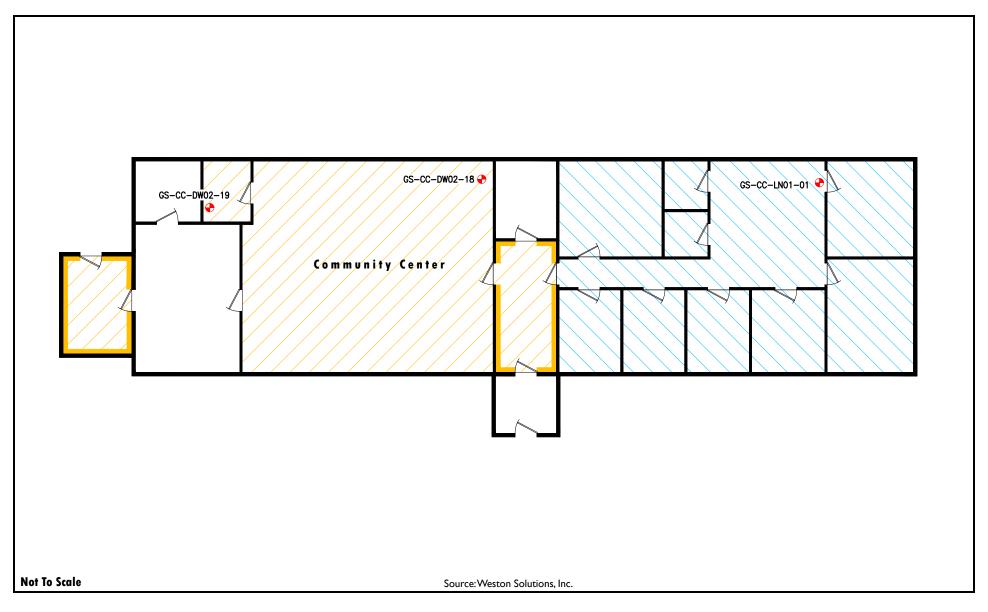


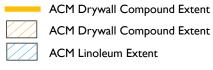
ACM Asbestos Containing Material

BP Lead Based Paint

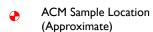
ACM Sample Location (Approximate)

Rutherford House - ACM and LBP Inventory Hazardous Building Materials Survey Government Square Heart Butte, Montana FIGURE 6





ACM Asbestos Containing Material











# Analysis of Brownfields Cleanup Alternatives



# ATTACHMENTA

FINAL Analysis of Brownfield Cleanup Alternatives (ABCA)
Heart Butte Government Square Site
Blackfeet Indian Reservation
Pondera County, Montana

### **Introduction and Background**

A draft Analysis of Brownfields Cleanup Alternatives (ABCA) was prepared by the Blackfeet Environmental Office (BEO) in anticipation of the BEO's application for a U.S. EPA Brownfields cleanup grant for the Government Square site. This final ABCA was developed following community input on the project. The Government Square site is located in Heart Butte, Montana, a community of approximately 570 inhabitants located 26 miles south of Browning. Heart Butte, one of the oldest traditional communities on the Reservation, is the former location of an Indian agency.

The Government Square site lies on the east side of Heart Butte Road near the intersection of Spotted Eagle Road between the north and south forks of White Tail Creek. Residential land uses predominate to the south and east of the site, while the Heart Butte Health Station lies to the north of the site. Buildings on the Government Square property were constructed on a larger parcel that is owned by the U.S. Government in Trust for the Blackfeet Tribe. Contaminants of concern within the onsite structures include asbestos, lead-based paint, and mold.

Tribal member residents, who make up 99% of the population, suffer from a poverty rate of more than 50%, high unemployment, and a very low median household income. When compared to the Blackfeet Reservation as a whole, rates of poverty and unemployment are higher in Heart Butte, and the median income is lower. Although no information on rates of disease in Heart Butte are available, incidence rates for cancer are higher on the Blackfeet Reservation than for Montana as a whole. The Government Square site, when cleaned up and redeveloped, will serve as a catalyst for improvements in residents' health, incomes, and standards of living, while also providing economic opportunities that will benefit tribal members.

The site consists of five buildings situated around the Government Square loop (see table below). All of the buildings are located within an area of approximately 500 feet by 350 feet. Because of their close proximity and the all-encompassing redevelopment vision for the area, the structures were collectively determined to be a single site for the purposes of the cleanup grant application. The Senior Center is used for occasional meetings and gatherings of Heart Butte residents. The Comes At Night residence is occupied. All other structures are unused and abandoned. The existing buildings were historically used as a community center, residences, a fire garage, and a tribal Round Hall, all of which were constructed before 1979. Debris from previous buildings at the site remain.

Based on available information, no Phase I ESAs have been completed at the Government Square site. In July 2017, Weston Solutions, Inc. (a contractor to the U.S. EPA) completed a Phase II Environmental Site Assessment (ESA) of the property. The ESA included I) collection of building materials samples, 2) surface soil sampling adjacent to the buildings for lead, 3) surface soil sampling of open space areas within the interior of the Government Square loop, 4) inspections of light fixture ballasts for the presence of PCBs, 5) evaluations of mercury-containing thermostats, and 6) mold inspections. Based on the ESA results, contaminants at the above structures include asbestos-containing building materials (ACBMs), lead-based

paint (LBP), mold, and mercury in thermostat switches. Soil samples did not indicate the presence of any contaminants above regional screening levels. No PCB-containing ballasts were identified. Potential human exposure pathways include inhalation of asbestos fibers and lead-based paint, ingestion of lead-based paint, inhalation of mold spores, and inhalation of mercury vapors from broken switches. The structures, associated contaminants, and redevelopment plans are listed in the table below.

Structure	Contaminants	Extent	Redevelopment Plan	
Round Hall	LBP and mold	Entire exterior (LBP)	Reuse of building	
Senior Center	ACBMs	Linoleum (east half)	Renovated structure	
	ACDINS	Drywall (west half)	Kellovated structure	
Comes at	ACBMs, LBP, and	Linoleum (ACBMs; one room)	Residence	
Night House	mold	Northern exterior (LBP);		
Rutherford	ACBMs and LBP	Drywall (ACBMs; entire structure)	Residence or Business	
House	ACDI'IS AND LDF	Entire exterior (LBP)	Residence of business	
Fire Garage	Mold	Various locations	Open Space	

LBP=Lead based paint; ACBM=Asbestos Containing Building Materials

### Cleanup Alternatives

Three cleanup alternatives were considered for the Heart Butte Government Square. Under the first alternative, "no action," the site would not be cleaned up, the structures would remain dilapidated and underutilized, the Government Square area would remain blighted, a risk to human health, and no new community assets would be created. The Blackfeet Tribe has the ability to implement this alternative, because no activities would be carried out. Although there would be no cost directly associated with implementation of the "no action" alternative, community benefits would not be realized and the area would remain dormant. This alternative is therefore not considered reasonable or effective because the redevelopment vision and goals for the site could not come to fruition.

The second alternative would result in the demolition of all existing structures followed by redevelopment. Abatement of asbestos and/or lead may be required prior to demolition. The sites of the former structures would then be available for redevelopment. This plan is not reasonable nor effective because it 1) does not allow for continued use of occupied structures without the need for substantial capital investment; and 2) would preclude the possibility of renovating and reusing existing buildings. The total cost to implement this alternative (estimated at \$350,000) would be higher than the third alternative (below), and insufficient funds are available to rebuild existing structures. The Blackfeet Tribe may not be able to implement this plan in its entirety due to high total costs that would include redevelopment rather than renovation of onsite structures.

The third alternative would involve abatement/renovation of three of the structures (Round Hall, Senior Center, and Comes At Night House) and demolition of two structures (Fire Garage and Rutherford House). The Blackfeet Tribe believes that the Round Hall and Senior Center buildings serve an important purpose in Heart Butte, and insufficient resources are available to fund their replacement.

This plan is reasonable and effective because it I) allows for continued use of occupied structures without the need for substantial capital investment (Senior Center and Comes At Night House); 2) will lead to renovation and reuse of the historic Round Hall for the benefit of the community 3) will create open space

that can be used as park land (Fire Garage) and 4) will allow for a new business (Rutherford House). The total cost to implement this alternative is higher than the first (no-action) alternative but lower than the second (demolition) alternative. Based on the revised cost estimate provided in the cleanup plan, the Blackfeet Tribe will be able to implement this plan in its entirety using EPA grant funds. This cleanup alternative will reduce the volume of material transported to a landfill compared with the second alternative.

### Proposed Cleanup (Recommended Alternative) and Revitalization Plan

The preferred alternative is the third option discussed above: abatement/renovation of three of the structures (Round Hall, Senior Center, and Comes At Night House) and demolition of two structures (Rutherford House and Fire Garage). The BEO will assume oversight responsibility for the site during cleanup. Activities already completed in anticipation of site cleanup include: administrative and programmatic oversight; procurement of a technical consultant and building materials abatement contractor; evaluation of the 2017 Phase II ESA Report of Findings; preparation of a Quality Assurance Project Plan (QAPP); preparation of a Cleanup Planning Sampling and Analysis Plan (SAP); preparation of a Community Outreach Plan and a pre-cleanup fact sheet; a detailed site inspection; and limited supplemental asbestos sampling. The remaining tasks include abatement of ACBMs and LBP surfaces using industry standard methods; transportation to and disposal of wastes at an approved and licensed facility; and preparation of a final cleanup report. A final Cleanup Report will be prepared following abatement.

This cleanup plan aligns well with the redevelopment vision advanced by community members. Elements of the revitalization strategy include open land or park space, a grocery/convenience store, a fueling station, a revitalized senior citizens center, and a meeting space (Round Hall). New businesses and other site uses such as the senior citizens center will be able to take advantage of existing water and sewer systems already in place in central Heart Butte. The site is located near Heart Butte Road, the principal thoroughfare connecting the community to the larger community of Browning.

### **Climate Change and Severe Weather Events**

The EPA requires a discussion of whether climate change could impact the cleanup alternatives proposed above. According to the NOAA National Centers for Environmental Information, climate changes predicted for Montana include:

- Continued increases in mean annual air temperatures;
- Increased soil moisture loss during dry periods;
- Increased intensity of droughts;
- Fewer very cold days in the winter;
- Increased springtime precipitation could result in severe flooding; and
- Increased frequency of wildfire occurrence and severity.

The proposed cleanup project would not be impacted to a significant degree by any of the climatic changes described above in ways that would differ from impacts sustained were the "no action" alternative to be implemented. Under all alternatives, residential and commercial structures are the only targets for cleanup, and the plan does not involve any subsurface remediation that would be impacted by increased flooding.

### **Cleanup Standards**

This section summarizes standards for cleanup of asbestos and lead-based paint.

- RCRA Toxicity Characteristic Leaching Procedure (TCLP) limits
- HUD total lead concentration of 0.5% by weight or 5,000 milligrams per kilogram (mg/kg) (not risk based; identifies a lead-based paint)
- EPA National Emission Standard for Hazardous Air Pollutants (NESHAP) for Asbestos (1% by weight) in 40 CFR 61.140-157
- Standards for airborne concentrations of mold, or mold spores, have not been set. Currently, there are no EPA regulations or standards for airborne mold contaminants.

### **Applicable Laws**

This section summarizes laws & regulations that would be applicable to the proposed cleanup.

### Lead

Applicable codes, regulations, and laws that govern lead remediation/cleanup work and transport/disposal of lead-contaminated wastes include the following:

1. Code of Federal Regulations (CFR) Publications:

a. OSHA 29 CFR 1926.62 Construction Industry Standard (1994)
 b. OSHA 29 CFR 1926.500 Guardrails, Handrails, and Covers

c. OSHA 29 CFR 1910.134 Respiratory Protection

d. OSHA 29 CFR 1910.145 Specifications for Accident Prevention Signs and Tags

e. OSHA 29 CFR 1917.152 Hot Work f. EPA 40 CFR 61 Subpart A, General Provisions

i. 40 CFR 61 Subpart M NESHAP

ii. 40 CFR 260-269 RCRA, Subtitle C

2. American National Standard Institute (ANSI) Publications:

a. Z88.2-1980 Practices for Respiratory Protection National Institute for Occupational Safety and Health (NIOSH)

### <u>Asbestos</u>

Applicable codes, regulations, and laws that govern lead remediation/cleanup work and transport/disposal of lead-contaminated wastes include the following:

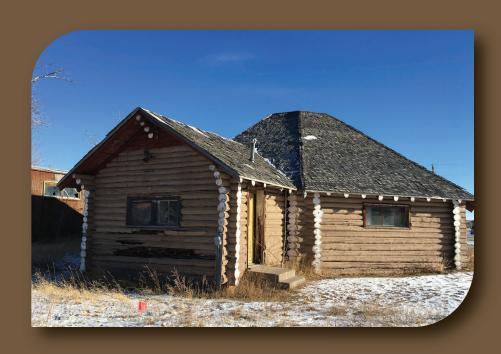
- 1. Code of Federal Regulations (CFR) Publications:
  - a. OSHA 29 CFR 1926.1101 Construction Industry Standard (1994)
  - b. OSHA 29 CFR 1926.500 Guardrails, Handrails, and Covers
  - c. OSHA 29 CFR 1910.134 Respiratory Protection
  - d. OSHA 29 CFR 1910.145 Specifications for Accident Prevention Signs and Tags
  - e. EPA 40 CFR 61 Subpart A General Provisions
  - f. EPA 40 CFR 61 Subpart M National Emission Standard for Hazardous Air Pollutants
  - g. EPA 40 CFR 763.120, 121 Asbestos Abatement Projects
  - h. EPA 40 CFR 763 Subpart E AHERA, Asbestos-containing Materials in Schools
- 2. American National Standard Institute (ANSI) Publications:

- i. Z9.2-1979 Fundamentals Governing the Design and Operations of Local Exhaust Systems
- j. Z88.2-1980 Practices for Respiratory Protection National Institute for Occupational Safety and Health (NIOSH) Revised Recommended Asbestos Standard
- 3. Environmental Protection Agency (EPA):
  - k. 560/5-85-024 Guidance for Controlling Friable Asbestos-Containing Materials in Buildings
- 4. State Requirements:
  - I. Chapter 74 Administrative Rules of Montana
  - m. Applicable sections of the Asbestos Work Practices and Procedures Manual, (2005)





## Community Relations Plan



# ATTACHMENT B

Community Outreach Plan
US EPA Brownfields Cleanup Grant
Heart Butte Government Square
Blackfeet Environmental Office
June 4, 2019

### I.0 OVERVIEW

In 2018, the Blackfeet Tribe was awarded a \$200,000 EPA Brownfields Cleanup Grant by the U.S. Environmental Protection Agency (EPA) to abate hazardous substances associated with structures at the Heart Butte Government Square site in Heart Butte, Montana. The Blackfeet Environmental Office (BEO) prepared this Community Outreach Plan (COP) in accordance with the Cooperative Agreement between the Blackfeet Tribe and EPA. The COP outlines the strategies that will be used to effectively communicate with the public and stakeholders and involve local residents, interested members of the public, surrounding property owners, businesses, government agencies, and local organizations in the cleanup process.

### 2.0 COORDINATOR AND INFORMATION REPOSITORY

The coordinator for this project is Mr. Shawn Lahr, Blackfeet Tribe Brownfields Coordinator, who may be contacted at:

Blackfeet Environmental Office Environmental Protection Department P.O. Box 2029 Browning, MT 59417 (406) 338 7421 slahr@3rivers.net

An administrative record for the project is located at the BEO office in Browning and can be viewed by appointment by contacting Shawn Lahr.

### 3.0 GOVERNMENT SQUARE SITE DESCRIPTION

The site consists of 5 buildings situated around the Government Square loop. All of the buildings are located within an area of approximately 500 feet by 350 feet. Because of their close proximity and the all-encompassing redevelopment vision for the area, the structures were collectively determined to be a single site for the purposes of cleanup. The existing buildings were historically used as a community center, residences, a fire garage, and a tribal Round Hall, all of which were constructed before 1979. Debris from previous buildings at the site (a clinic and a school) remain; however those buildings are no longer present. Contaminants at the above structures include asbestos-containing building materials (ACBMs), lead-based paint (LBP), and mold. Potential human exposure pathways include inhalation of asbestos fibers, lead-based paint, and mold spores as well as ingestion of lead-based paint.

### 4.0 COMMUNITY INVOLVEMENT PLAN

The BEO has facilitated community involvement related to its Brownfields program for a number of years, and part of its web site is dedicated to local Brownfields assessments and cleanups. With regard to the Heart Butte site, the Tribe advertised and facilitated a public meeting at the Heart Butte Senior Center prior to submittal of the grant application in order to discuss the grant proposal and solicit public comment.

Ongoing community involvement will be critical to the success of our brownfields program. The following are the key components of our plan.

- Maintain and enhance our existing brownfields website.
- Develop an educational PowerPoint presentation after cleanup is complete.
- Develop a pre-cleanup and a post-cleanup fact sheet for the site.
- Plan a pre-cleanup and a post-cleanup public meeting. The first meeting is tentatively scheduled for August 11, 2019 during the Heart Butte Society Celebration.
- Engage local media outlets such as the Glacier Reporter while abatement is occurring to advertise the project success.
- Place an informational article in the Blackfeet Tribe newsletter.
- Prepare a Community Outreach Report at the end of the grant period to summarize outreach completed throughout the project. Meeting notes, attendance lists, and meeting advertisements would be appended to the report.

### 5.5 Collaborating Agencies and Organizations

The BEO will work with the following agencies and organizations on this project:

- The Blackfeet Land Department: The Department will provide any necessary permits to complete the cleanup project.
- Tribal Employment Rights Office (TERO): The office will monitor and document implementation of Indian Preference policies.
- The Tribal Historic Preservation Office (TPHO): This agency has reviewed the proposed cleanup activities and issued a determination that there were no findings of cultural significance for the site. Therefore, the proposed assessment and cleanup actions will not impact cultural, historic, or archaeological resources.
- Planning and Economic Development Office: The BEO will communicate with the planning office as the cleanup project is carried out to understand redevelopment plans for the site.
- Blackfeet Department of Commerce: Contractors working on the project have received a Blackfeet Tribal Business License from the Department.
- U.S. EPA: The BEO will communicate regularly with Ms. Barbara Benoy, the U.S. EPA project officer for the site.
- We will collaborate with Blackfeet Community College in an attempt to provide an opportunity for students to learn about asbestos abatement work.
- The BEO will also maintain close contact with the Heart Butte Senior Center staff and members to keep them informed of progress on the project.





## **THPO Letter**



# ATTACHMENT

# Memo

To: John Murry, THPO Director

From: Gerald Wagner, BEO Director & Wogner

Cc: Shawn Lahr, Brownfields Manager

Date: 2/12/2019

Re: Request for documentation for Heart Butte Government Square; Findings of no

effect on tribal cultural properties

The Blackfeet Tribe received a Brownfields Clean up Grant to clean up the Heart Butte Government square site which includes the following structures: HB Senior Center, Round Hall, Jesse Rutherford House, Clarence comes At Night House, Fire/Bus Garage. These structures will be abated of contaminated materials and the Rutherford house will be demolished.

The Blackfeet Environmental Office is requesting documentation from Blackfeet THPO to move forward with the cleanup activities at this site. Please coordinate with Shawn Lahr on our request, Thank you

### Blackfeet Tribal Historic Preservation Office Cultural Resources Survey Blackfeet Indian Reservation

For

**Heart Butte Government Square Site** 

**Brownfields Clean Up Grant** 

T29N- R9W- Section 7

By

Virgil Edwards, Deputy THPO
Blackfeet Tribe
P.O. Box 850
Browning, Montana 59417

February 12, 2019

### **Blackfeet Cultural Resources Survey**

Project Title: Heart Butte Government Square-Brownfields Clean Up Grant Project

Date of Determination: 2/12/2019

Form Completed by: Virgil Edwards, Deputy THPO

Location Method: N/A Agency: Blackfeet Tribe

Physical Site Description: Heart Butte Senior Center, Round Hall, Jesse Rutherford

House, Clarence Comes at Night House & Fire/Bus Garage

### **Description of Undertaking / Project**

<u>Project Description</u>: This project will include abatement of contaminated material and the Rutherford House will be demolished.

Nature of anticipated disturbance: N/A

### **Findings**

The Blackfeet THPO has determined that the abatement process and demolishing will result in:

No Findings of Cultural Significance

Viigit Edwards





## Final Clearance Letter for Asbestos and Lead-Based Paint Abatement



# ATTACHMENT



February I, 2021

Mr. Shawn Lahr Brownfields Coordinator Blackfeet Environmental Office Blackfeet Tribe Brownfields Program

**Project:** Final Clearance Letter

Pre-Renovation and Demolition Asbestos and Lead-Based Paint Abatement

Heart Butte Government Square, Government Square Loop

Heart Butte, Pondera County, Montana

Dear Mr. Lahr:

NewFields is pleased to provide this Final Clearance Letter as documentation of the completion of the Heart Butte Government Square, Government Square Loop (HBGS), Pre-Renovation and Demolition Asbestos Abatement and Lead-Based Paint Abatement Project in Heart Butte, Montana.

### PROIECT SUMMARY

The Blackfeet Environmental Office (BEO) contracted NewFields to assist in preparing asbestos and lead-based paint (LBP) abatement documents, developing a cleanup plan (abatement scope-of-work), assisting with contractor selection and contract award, performing abatement oversight, and providing project management services on behalf of the BEO. As part of the abatement oversight, NewFields performed final clearance visual inspections (asbestos and lead) and final clearance air sampling (asbestos) services following abatement activities in structures to be re-occupied.

Asbestos and LBP abatement work was completed by Abatement Contractors of Montana (ACM) of Missoula, Montana. Project activities were managed by Mr. Ruben Navarro, project supervisor for ACM. Mr. Ryan McGee, NewFields' Montana-accredited asbestos abatement Contractor/Supervisor (MTA-I705-IN-CS) and EPA accredited Lead Inspector/Risk Assessor (LBP-R-I198901-I) performed project management, oversight, and air clearance sampling throughout the project. Copies of Mr. McGee's asbestos and LBP accreditations are provided in **Appendix A**.

### **ASBESTOS ABATEMENT**

Asbestos abatement activities commenced on August 31, 2020 with a pre-abatement planning meeting held on-site at HBGS. ACM, BEO and NewFields personnel met and discussed the anticipated schedule and confirmed that asbestos abatement would be completed at the Fire Garage, Community Center, Comes at Night House, and Rutherford House would be completed. Abatement of the Rutherford House and Fire Garage would be completed in the first week followed by abatement of the Community Center and Comes at Night House the second week. Scheduling abatement of the two occupied buildings during the second week allowed the owners time to prepare for the abatement.



**Table I** below identifies the asbestos abated from the four buildings, the clearances completed, and which structures were to be reoccupied or demolished.

**Table I: ACBM Abated on the Project** 

Building	Asbestos Abated	Asbestos Clearance Completed	Planned Use
Rutherford House	Sheetrock Ceiling and Walls (Non-RACM), Mud Patch	Visual, as building was being demolished.	Demolition
	Materials (RACM)	demonstred.	
Comes at Night House	VSF and Moldy Subfloor	Visual and Air Sampling	Occupancy
Fire Garage	Exterior Cement Asbestos	Visual, as material was on	Reused (not
	Board Panels	outside of building	inhabited)
Community Center	VSF and Subfloor, Sheetrock (eastern half of building)	Visual and Air Sampling	Occupancy

ACM completed asbestos abatement activities in accordance with OSHA safe work practices using wet methods and vacuums equipped with high efficiency particulate air (HEPA) filtration. NewFields completed the required clearances (visual and/or air sampling) to document the asbestos materials were removed and buildings were safe for re-occupancy, as appropriate.

On September 2, 2020, Mr. McGee and Mr. Navarro completed an asbestos final clearance visual inspection for the Fire Garage exterior cement board abatement, and a pre-abatement walkthrough of the Rutherford House. During the walkthrough of the Rutherford House, Mr. McGee and Mr. Navarro determined that contrary to the findings in the previous inspection (Weston, 2017) only a small area of wall surfacing materials (sheetrock mud) contained >1% asbestos, and the remainder of the sheetrock contained <1% asbestos. Since the Rutherford House was to be demolished, this allowed the abatement crew to remove most of the sheetrock outside of full containment enclosures, saving the BEO considerable cost. The final clearance visual inspection for the Rutherford House was completed on September 10, 2020. Copies of the final clearance visual inspection forms for the Fire Garage and the Rutherford House are provided in **Appendix C**.

Final clearance air sampling for asbestos was also completed for the Comes at Night House and Community Center on September 10, 2020. Final clearance documents for the Comes at Night House are provided in **Appendix D**, and final clearance documents for the Community Center are provided in **Appendix E**.

To close-out the abatement, NewFields obtained waste shipment records from ACM. Waste shipment records showed that a total of 5.73 tons and additional 12 cubic yards of asbestos waste was removed from the four buildings for this project and disposed of at the Northern Montana Joint Refuse Disposal District in Conrad, Montana. Copies of the waste shipment records are provided in **Appendix F**.

### LBP ABATEMENT

LBP was abated on the Round Hall by re-painting the exterior windows, the log ends, and door framework on the main entrance. ACM also removed chipping and peeling LBP and repainted select



areas of exterior window trim, soffit, and fascia of the Comes at Night House. LBP abatement and repainting of the Rutherford House was omitted from the scope of work since this building is to be demolition. Instead, a sample representative of the entire house was collected and analyzed for total lead using the EPA Toxicity Characteristics Leaching Procedure (TCLP) method. A copy of the Lead TCLP Analysis is provided in **Appendix G**. Based on the TCLP result, the waste stream generated for the Rutherford House can be disposed of at a Class II landfill without concern for lead.

To abate the lead on both structures, ACM placed 6-mil plastic sheeting on the ground around the work areas and scraped and containerize the LBP paint chips. LBP waste (paint chips, gloves, suits, etc.) were containerized and sampled for total lead by the EPA TCLP method. A copy of the TCLP analytical report and the final clearance visual form is provided in **Appendix B**. Based on the TCLP result, ACM disposed of the LBP abatement waste at a Class II landfill.

Mr. McGee completed the final clearance visual inspections on September 10, 2020. Additional documentation of the asbestos and LBP abatement work completed for the HBGS project is depicted in project photos taken during the project in **Appendix H**.

### **REFERENCES**

Weston, 2017. Limited Due Diligence and Phase II Environmental Site Assessmenbt for Blackfeet Tribal Properties, Government Square, Heart Butte, Pondera County, Montana. July.

If you should have questions or would like to discuss any information contained herein, please feel free to contact Ryan McGee at (406) 461-4037/rmcgee@newfields.com or Adam Johnson at (406) 546-1006/ajohnson@newfields.com.

Sincerely,

**NewFields** 

Ryan D. McGee

Sr. Environmental Scientist

Appendix A – NewFields Staff Accreditations

Appendix B - Round Hall Final Clearance Visual and Lead Waste Shipment Record

Appendix C – Fire Hall and Rutherford House Final Clearance Visual

Appendix D – Comes at Night House Final Clearance Air Sampling

Appendix E – Community Center Final Clearance Air Sampling

Appendix F – Waste Shipment Records

Appendix G – Rutherford House Lead TCLP Analysis Summary

Appendix H – Project Photo Log and Field Notes

FINAL CLEARANCE LETTER

APPENDIX A

STAFF ACCREDITATIONS



### 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).

MTA-1705

Asbestos Inspector Project Contractor/Supervisor 03/28/2020 09/27/2020

### **CERTIFICATE OF COMPLETION**

MT DEQ Asbestos Control Program

### RYAN D McGEE

104 E Broadway Street, Suite G1, 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 03282019-11

Examination Date: 03/28/2019

**Course Date:** 03/28/2019

**Expiration Date:** 03/28/2020

### **Course Instructor:**

Brian Betts
Abatement Contractors of Montana, LLC
208 Commerce Street
Missoula, MT 59808
406-549-8489

Instructor Signature:

### **Course Approving Agency:**

Asbestos Control Program Montana Department of Environmental Quality PO Box 200901 Helena, MT 59620-0901

# United States Environmental Protection Agency Uhis is to certify that



Ryan D McGee

has fulfilled the requirements of the Toxic Substances Control Act (TSCA) Section 402, and has received certification to conduct lead-based paint activities pursuant to 40 CFR Part 745.226 as:

Risk Assessor

## In the Jurisdiction of:

All EPA Administered Lead-based Paint Activities Program States, Tribes and

Territories

This certification is valid from the date of issuance and expires

March 21, 2022

LBP-R-I198901-1

Certification #

March 07, 2019

Issued On



Adrienne Priselac, Manager, Toxics Office

Land Division

FINAL CLEARANCE LETTER

APPENDIX B

ROUND HALL

### FINAL CLEARANCE VISUAL INSPECTION

Project	Heart	Bull	e Gov-	f Square	Project #	350.0446.000
Building	Heart Butte Gov't Square			Hall	Date	350.0446.000 9/10/20
Location	South Side / Offices & Storage Exterior					
Material(s) Removed						
None EPA-NESHAP No Hitcaffon Residual dust identified during visual inspection:						
	Yes*	No	N/A	Con	nments	
Floors			V			
Walls			<b>/</b>			
Ledges			/			
Roof Decking			/			
Pipes			V			
Hangars			V			
Conduits			/			
Cables			V			
Light Fixtures			V			
Ductwork			V			4.2
Equipment			/			
*See commen	ts					
Visual Inspection:PASSFAIL						
Remarks: Conducted final virual of exterior painted/encupsulated log ends. All log ends/tips scraped and encupsulated.  Alm collected all paint chips and debris. These materials remared and disposed by Alm as hazardous waste.						
Inspected by: Ryan D. MGCe (Printed Name) (Signature)  Accompanied by: FNOVOW (Signature)  (Printed Name) (Signature)						



# The Identification Specialists

Analysis Report prepared for Abatement Contractors of Montana, LLC

Report Date: 12/30/2020

**Project Name: Heart Buttle** 

Project #: 2020-14

SanAir ID#: 20069878



1551 Oakbridge Dr. Suite B I Powhatan, Virginia 23139-8061 888.895.1177 804.897.1177 fax: 804.897.0070 I IAQ@SanAir.com SanAir.com



SanAir ID Number 20069878 FINAL REPORT 12/30/2020 9:16:10 AM

Name: Abatement Contractors of Montana, LLC

Address: PO Box 8747

Missoula, MT 59807

Phone: 406-549-8489

Project Number: 2020-14

P.O. Number:

**Project Name:** Heart Buttle **Collected Date:** 9/14/2020

Received Date: 12/23/2020 8:00:00 AM

Dear Tanya Chemodurow,

We at SanAir would like to thank you for the work you recently submitted. The 1 sample(s) were received on Wednesday, December 23, 2020 via FedEx. The final report(s) is enclosed for the following sample(s): 1A.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Abisola Kasali

Metals Laboratory Director SanAir Technologies Laboratory

Final Report Includes:

Asisa Calarali

- Cover Letter

- Analysis on Test Family T

- Disclaimers and Additional Information

## Sample conditions:

- 1 samples in Good condition.



SanAir ID Number
20069878
FINAL REPORT
12/30/2020 9:16:10 AM

Name: Abatement Contractors of Montana, LLC

Address: PO Box 8747

Missoula, MT 59807

Phone: 406-549-8489

**Project Number:** 2020-14

P.O. Number:

**Project Name:** Heart Buttle **Collected Date:** 9/14/2020

Received Date: 12/23/2020 8:00:00 AM

Analyst: Ortega, David

Test Method: EPA 1311/6010C

## **TCLP Analysis**

			Results in	
Sample	Description	Analyte	mg/L	MRL (mg/L)
20069878 - 1	1A / Scrapped Paint And Wood, Suites, Gloves, And SR	Lead (Pb)	< 0.5	< 0.5

Signature:

Date: 12/29/2020

Reviewed:

Date: 12/29/2020

## **Disclaimer**

SanAir Technologies Laboratory, Inc. participates in the Environmental Lead Accreditation Program (ELAP) administered by AIHA-LAP, LLC (Lab ID162952). Refer to our accreditation certificate or <a href="www.aihaaccreditedlabs.org">www.aihaaccreditedlabs.org</a> for an up to date list of the Fields of Testing for which we are accredited. SanAir also participates in the State of New York's DOH-ELAP (Lab Id 11983), and has met the EPA's NLLAP program standards. This report does not constitute endorsement by AIHA-LAP, LLC and/or any other U.S. governmental agencies; and may not be accredited by every local, state or federal regulatory agency.

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## **TCLP EPA Limits**

5.0 mg/L	Silver (Ag)	100 mg/L	Barium (Ba)	5.0 mg/L	Chromium (Cr)	5.0 mg/L	Lead (Pb)
5.0 mg/L	Arsenic (As)	1.0 mg/L	Cadmium (Cd)	0.2 mg/L	Mercury (Hg)	1.0 mg/L	Selenium (Se)



1551 Oakbridge Drive, Suite B - Powhatan, VA 23139

Metals & Lead

SanAi	r ID	Number

804-897-1177 / 888-895-1177 / Fax 804-897-0070 www.sanair.com		Chain of Custody	10049676
Company: Abatement Contractors of Montana		Project #: 2020-014	Phone #: 406-549-8489
Address: P.O Box 8747	Project Name:	Heart Butte	Phone #:
City, St., Zip: Missoula, MT 59807	Date Collected	<sub>:</sub> 9/14/2020	Fax #: 406-728-9416
Samples Collected By:	P.O. Number:		<sub>Email:</sub> on file

## **Matrix Types Metals Analysis Types** Bulk ☐ Air ☐ Aqueous ☐Total Concentration of Lead ☐ ICP-total concentration of metals (please list metals): ☐ Paint ☐ Sludge □ Soil ☐Total Concentration of RCRA 8 Metals □ Dust □Wipe ☐ Potable Water TCLP for Lead □ Non-Potable Water ☐ Wastewater ☐TCLP for RCRA 8 Metals ☐ Other: ☐ Other: ☐TCLP Full (w/ Organics) \*Turn Around Same Day □ 3 Days 1 Day 🗆 2 days □ Times ☐ Full TCLP (10d) ☐ Standard (5 day)

<sup>\*</sup>Courier charge for same day and 1 day TAT for offsite work.

Sample #	Sample Identification/Location	Flow Rate	Start Time	Stop Time	Volume (L) or Area (Sq ft)
1A	Scrapped paint and wood, suites, gloves, and SR				

**Special Instructions** 

Relinquished by	Date	Time	Received by	Date	Time
CR	12/21/2020	12 pm	uu	12/23/20	8000m
	/	/			

Unless scheduled, the turn around time for all samples received after 3 pm will begin at 8 am the next business morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed To Recipient will be charged a \$10 shipping fee.

Page 1 of 1

FINAL CLEARANCE LETTER

APPENDIX C

FIRE GARAGE AND RUTHERFORD HOUSE

## **FINAL CLEARANCE VISUAL INSPECTION**

Project	Heart Butte Gov't Square	Project #	350.0446.000
Building	Fire Garage	Date	9/2/20
Location	Interior Debris	5	-
Material(s) Removed	Cement Asbestos Board	MT Project Permit #	NIA

EPA NESHAP Notification

## Residual dust identified during visual inspection:

	Yes*	No	N/A	Comments
Floors		1		Debris (Non-ACM) remains throughout
Walls		<b>✓</b>		
Ledges		/		
Roof Decking		<b>V</b>		
Pipes		V		
Hangars		<b>\</b>		
Conduits		/		
Cables		/		
Light Fixtures		/		
Ductwork			/	
Equipment			/	
*See comments				

Visual Inspect	tion:FA	AIL	
Remarks: Conducted final c	bearance visua	I inspectio	in of
interior work area. No	o confainment	required +	or dean-
up. All cement asbertas	bourd debris en	daned upar	nd re-moved
I from the fire barage. I		's remain in	
work area passed fine	al charance u	isual for a	spertes.
work area passed fine work completed per co	ntract		
Inspected by: Lyan D. M. Gee	LypreD. Mul	MTA - 170	5
(Printed Name)	(Signature)		
Accompanied by: RNa Uo-W	- Land	MTA - MT	2542
(Printed Name)	(Signature)		

## FINAL CLEARANCE VISUAL INSPECTION

Project	Heart Butte Gov't Square	Project #	350.0446.000
Building	Rutherford House	Date	9/10/20
Location	Interior		
Material(s) Removed	ACM Sheefrock / Surfacing MT Project	Permit #	N/A

EPA NESHAP Notification

## Residual dust identified during visual inspection:

	Yes*	No	N/A	Comments
Floors		/		
Walls		<b>V</b>		
Ledges		<b>V</b>		
Roof Decking		<b>/</b>		
Pipes		<b>V</b>		
Hangars		<b>V</b>		
Conduits		<b>V</b>		
Cables		/		
Light Fixtures			/	
Ductwork			V	2-3
Equipment			1	
*See comments		•	***************************************	

Visual Ins	pection:FAI	L
Remarks: Conducted fine of the butlertord House Compound 2%) removed appeared fear and	WI ACM All sheet	rock Sertaling Joint
Work area passed pr	1	ding inspertion
Inspected by: Zyan D. MGcc (Printed Name)	(Signature)	MTA - 1705
Accompanied by: FN a some (Printed Name)	(Signature)	MTA- 2542

FINAL CLEARANCE LETTER

APPENDIX D

COMES AT NIGHT

## FINAL CLEARANCE VISUAL INSPECTION

Project	Heart Butte Gov't Square	Project #	350.0446.000
Building	Clarance Comes at Night Les iden	@ Date	9/10/20
Location	Kitelen/Dining Rm		
Material(s) Removed	Vinyl Steef Flooring + MT Proj	ect Permit # <sub>/</sub> /	11A

## Residual dust identified during visual inspection:

	Yes*	No	N/A	Comments
Floors		1		
Walls		/		
Ledges		<b>V</b>		-
Roof Decking			<b>/</b>	
Pipes		<b>/</b>		
Hangars		/		
Conduits		· V		
Cables		/		
Light Fixtures		<b>/</b>		
Ductwork			/	
Equipment		<b>V</b>		
*See comments				

Visual Inspection:FAIL
Remarks: Completed final clearance visual inspection of
interior flooring ramoval area in Kitchen + Dining Room
areas =360 SF / No residual dust or debris. Bad nibld problem
failing floor, but all asbestes removed per confract.
Prepared work area for final chearance airs ampling for
asbestos.
Inspected by: Ryan D. M. Gee Sym D. MTA - 1705
(Printed Name) (Signature)
Accompanied by: 12 May June MTA - 25 42
(Printed Name) (Signature)

# **AIR SAMPLE COLLECTION FORM**

Project Buildin Locatio	g: C/a	Project: Heart Butte Gov't Square Building: Clarance Comes At Might I Location: L'Elen Dinin Boom	Posidence		Date: 9/10/20 Calibration Instrument: Dry Personnel: 12, 10/20 c	2/20 Instrur	nstrument:	Dufa			
Project No.:	No.:	350.0446.600		Pe	Permit Number: №14 -	ber: A	14-	NESH	NESHAP NO Hitle	The Ho	1. fo
Sample ID	Pump	Sample Description/Location	Pre-calibration Flow Rate/Time	on Start ne Time	Post-Calibration Flow Rate/Time	ration /Time	Stop	Total	Avg. Flow	Volume (liters)	Results (f/cc)
1000		Final Inside	P1:8 851,0	4 8:30	60:01 62:01		17:01	911	10.726	200, 2/12.44.2/1 257.01	5/100
as	ton h	/ -NE Corner 10.478 8.15	1.8 St. 0	\s	01:01 256:01	01:0	_		10.714	10.714 1,242.82) (6/100	001100
CC03 NOT	するニ	- SW COUME	12:8 SH201	ha	10.984 10:11	7:1(		9	10,864	10,864 1,260,124 203	7.5/100
han	13	- Middle , 410,739 8:26	21.8 8:12	9	11:01 28:01	0:11	>	$\rightarrow$	10.861	10.36/ 1,29,876,002	5.5/100
ars	15	V - SE Conner	8:8 8:01	18	52:01 21:01 525:01	21:0	52:01	021	10.452	10.452   1254.240 4.002	3.5/100
a-a	M/M	Field - open30 seco	4/14								Hold
and		V - opensosecords	-								Hold
ad	>	Lub Lott LOTE BANGED	7								\$0
	•										1
*Notes: NMA = Nb) N/D - Nb	W Q	- Applicate - A - Defected - A W	All samples p Acm that the	873 /	amster sassed veguined classer that the continuent could be though with Mr. Comes at My	red class t court	chara could such	8 1	content	via. Notitiel ed. Carduci	trod

## FINAL CLEARANCE AIR SAMPLE RESULTS

Project	Heart Butte Government Square	Project No.	350.0446.000
Building	Clarence Comes at Night House	Date	9/10/2020
Location(s)	Kitchen/Dining Room Area		

Types of Samples Collected:	Х	PCM		TEM
Aggressive Sampling:	X	YES		NO
Number of Samples Collected:		;	5	
Number of Blanks Collected:		;	3	

## **AIR SAMPLE RESULTS**

		PCM Concentration	TEM Cond	entration
Sample No.	Location	fibers per cubic centimeter (fibers/cc)	structures per square millimeter	structures per cubic centimeter
CC-01	Inside Decon Unit	.002	N/A	N/A
CC-02	NE Corner @ Storage Room	.002	N/A	N/A
CC-03	SW Corner	.003	N/A	N/A
CC-04	Middle of Containment	.002	N/A	N/A
CC-05	SE Corner	<.002	N/A	N/A
CC-06	Field Blank - Inside	Hold	N/A	N/A
CC-07	Fields Blank - Outside	Hold	N/A	N/A
CC-08	Lab Blank	Non-detected	N/A	N/A
	Regulatory standard <sup>1</sup>	0.01	<70.0	Not applicable

	Lyan D. Mers	
<b>Collected and Analyzed by:</b>		MTA-1705
, ,	(Signature)	

<sup>&</sup>lt;sup>1</sup> Performed using the EPA method specified in 40 CFR Part 763 and ARM 17.74.357.

FINAL CLEARANCE LETTER

APPENDIX E

COMMUNITY CENTER

## FINAL CLEARANCE VISUAL INSPECTION

Project	Heart Butte Gov't Square	Project #	350.0446.000
Building	Community Center	Date	9/10/20
Location	Sorthside Offices + Storage		
Material(s) Removed	Viny / Sheef Flooring / SRL190 MT Project	Permit #	UIA
	EDA N	IESHAP.	Not-Fication

Residual dust identified during visual inspection:

	Yes*	No	N/A	Comments
Floors		<b>V</b>		
Walls		/		
Ledges		<b>V</b>		
Roof Decking			<b>/</b>	
Pipes		/		
Hangars		/		
Conduits		<b>\</b>		
Cables		<b>V</b>		
Light Fixtures		/		
Ductwork		1		
Equipment		~		
*See comments				

Visual Inspect	tion: V_PASSFAIL
Remarks: Conductied final c	learance visual with ACM. All
viny sheet flooring and she	setrock (4/2) remared. No residual
	I work area. ACM installed raper
barrier during abateaus	of. Vapor barrier will remain
following elekarance air	anstine.
/,	
Prepried with area for as	wessive timal clearance air suppling
//	,
Inspected by: Ryan D. M. Gec	Jesan D. Muf MTA - 1705
(Printed Name)	(Signature)
Accompanied by: RNavano	/ D = 2541
Accompanied by: KNautono	MTA - ~ 7 2542
(Printed Name)	(Signature)

# **AIR SAMPLE COLLECTION FORM**

Project: Heart Butte Cort Square	Date: 9/10/20
Building: (ommenty Center)	Calibration Instrument: Ang
Location: "South sille Viny Sect Flooring ( Section Personnel: K. Milee	Personnel: K.M.C.e.
Project No.: 350.0446.000 /	-18 Permit Number: N/4 - LPA NESHAP NEVIFICATION

to say

11.565 1,319,340 4.500 Results (f/cc) 10.758 1,312,476 4.002 11.951 1,337.171 2.002 1,29 lary x.002 1,25/814 .002 3/100 Volume (liters) 10.943 11.078 Avg. Flow 122 Total Time 116 South Office 10.999 17:17 12:35 11:92 2:36 2:36 121 2:31 113 113 2:34 2:33 2:38 Stop Time 25:33 5:34 Post-Calibration Flow Rate/Time SEJ Harth for 10,799 12:15 12:36 10,716 2:38 18:2 / 62601 88:27 02:21 11/11 11.453 12:12 21:31 11:47 58/81 28:21 81:21 006:01 Start Time Pre-calibration Flow Rate/Time open to seconds Inside Clearance SW Corner Containant open 30 Seconds \_ Restrooms Sample Description/Location Middle Serade North Tinal Pump ID Comm Not Comm Not is Comm Comm Comm Sample ID 20-Comm Comm -83 -06 40-\*Notes:

## FINAL CLEARANCE AIR SAMPLE RESULTS

Project	Heart Butte Government Square	Project No.	350.0446.000		
Building	Community Center	Date	9/10/2020		
Location(s)	Southside Offices, Restrooms, and Storage Area				

Types of Samples Collected:	Х	PCM		TEM
Aggressive Sampling:	X	YES		NO
Number of Samples Collected:	5			
Number of Blanks Collected:	2			

## **AIR SAMPLE RESULTS**

		PCM Concentration	TEM Concentration		
Sample No. Location		fibers per cubic centimeter (fibers/cc)	structures per square millimeter	structures per cubic centimeter	
Comm-01	Restrooms Southwest Corner	<.002	N/A	N/A	
Comm-02	SE Corner	<.002	N/A	N/A	
Comm-03	South Offices - Middle	<.002	N/A	N/A	
Comm-04	Middle of Containment	<.002	N/A	N/A	
Comm-05	North Corner – Former Storage Area	.002	N/A	N/A	
Comm-06	Field Blank - Inside	Hold	N/A	N/A	
Comm-07	Fields Blank - Outside	Hold	N/A	N/A	
	Regulatory standard <sup>1</sup>	0.01	<70.0	Not applicable	

	Lyan D. Muy	
Collected and Analyzed by:		MTA-1705
. ,	(Signature)	

 $<sup>^{\</sup>rm 1}$  Performed using the EPA method specified in 40 CFR Part 763 and ARM 17.74.357.

FINAL CLEARANCE LETTER

APPENDIX F

WASTE SHIPMENT RECORDS

Northern Montana Joint Charge Invoice Refuse Disposal District 42883
Date: 9/2/20
Billed to: ACM
Load Volume: 2.59 tons
Transportation Cost:
Landfill Fees: # 33
TOTAL DUE 85.14
Please remit payment to: Northern Montana Joint Refuse Disposal District
P.O. Box 757 Conrad, Montana 59425 (406) 278-3095
Check will be mailed. NMJRDD
PO BOX 757 Conrad, MT
Driver: 59425 Tuitland
LANDFILL

	n Montana Joint Charge Invoid Disposal District 42889
	Date: 9/3/20
Billed to:	JCN
	2020014
Load Vol	ume: 3.15
	Transportation Cost:
	Landfill Fees:
	TOTAL DUE 103.95
Northern P.O. Box 7	Iontana 59425
(400) 276-	3093
	2 Navemo



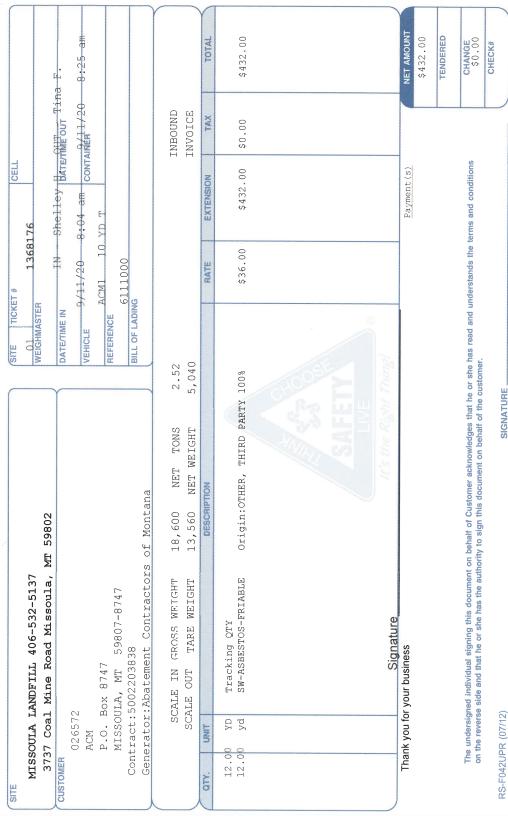
## NON-HAZARDOUS SPECIAL WASTE & ASBESTOS MANIFEST

If waste is asbestos waste, complete Sections I, II, III and IV If waste is  ${\color{red} {\bf NOT}}$  asbestos waste, complete Sections I, II and III

2020-014

Bill to 26572

I. GENERATOR (Generate	or completes I	a-r)							
b. Manifest Document Number c. Page 1 of									
d. Generator's Name and Location:	N/A	The pontera Guity Black Feet Environmental of the pontera Guity of Fice 120 Box 2029 g. Phone: Browning Mt. 59417							
d. Generator's Name and Location:	neit 50	war sit.	e. Generator's Mailing Add	ck Fe	et Er	UUI 70 Mer	tal o		
d. Generator's Name and Location:  33	BUTTEP	onleva c	ouity OF	i ce	12.0	BOX 20	29		
f. Phone: Heart	Butte	MT	g. Phone:	NWO	ing 1	UT. 59	417		
If owner of the generating facility differs fr	om the generator.	, provide:	9.1 110110.	,					
h. Owner's Name:	meital	OFF +Ce	i. Owner's Phone No.:	- 7	451				
j. Waste Profile #	k. Exp. Date	I. Waste Shi	oping Name and	m. Cor	tainers	n. Total	o. Unit		
		Description		No.	Туре	Quantity	Wt/Vol		
				-					
4 500000000	0.14.0.100.000		18	1000	/	7.4.1	MITAGO		
A. 5002203838	3/18/2023	Friable /	Aspestos / L/	DAY VI		- INA	WTVO		
	100				,	/			
				100	E. W 6				
B. 5002203836	3/18/2023	Non-Fre	ble Asbestos	1.00	DE TOTAL				
		Hall Trustering							
GENERATOR'S CERTIFICATION: I here	by certify that the	above named mate	erial is not a hazardous waste	e as define	d by 40 Cl	FR 261 or any api	plicable		
state law, has been properly described, cl	assified and pack	aged, and is in proj	per condition for transportation	n accordin	g to applic	able regulations;	AND, if this		
waste is a treatment residue of a previous been treated in accordance with the requi							iste has		
been treated in accordance with the requi	rements of 40 Cr	1 200 and is 110 101	ger a nazardous waste as de	elliled by 4					
ACM FOR Test P	- na var	V So				11-20			
p. Generator Authorized Agent Name (Pri		. Signature			r. Date				
II. TRANSPORTER (Gene	rator complete	es Ila-b and Tra	nsporter completes lic-	e)					
a. Transporter's Name and Address:									
Abatement Contractors of MT									
PO Box 8747 b. Phone: Missoula MT 59807	400	549,8489							
0. 0	40.65	248-8488		0	1.	7 - 7			
ENauero		- Alfredon		7-	11-	202	0		
c. Driver Name (Print)	d. Sign		ation City assembleton III	e. Date					
III. DESTINATION (General	or complete ii								
a. Disposal Facility and Site Address:		c. US EPA Nur	niber d. Discrepancy indica	ation Space	3.				
Republic Services Missoula La	indhii								
b. Missoula MT 59802							1		
I hereby certify that the above named mat	erial has been ac	cepted and to the b	est of my knowledge the fore	egoing is tr	ue and acc	curate.			
Shalla Have	1	574	111		0.	11-71)			
e. Name of Authorized Agent (Print)	f. Signa	ature		g. Date	/	11 20			
IV. ASBESTOS (Generator			complete IVa-i)	3. 50.0					
a. Operator's Name and Address:		and operator	c. Responsible Agency Nar	me and Ad	dress:				
Abatement Contractors of MT						sbestos Program			
Abatement Contractors of MT P.O. Box 8747  NESHAP Admin: MT DEQ, Asbestos Program P.O. Box 200901									
b. Phone: Missoula, MT 59807 406-549-8489 d. Phone: Helena, MT 59620 406-444-5300									
e. Special Handling Instructions and Addit	ional Information:								
					1				
f Friable Non-Friable Both		riable	% Non-Friable	E Y					
OPERATOR'S CERTIFICATION: I hereby	declare that the	contents of this con	signment are fully and accura	ately descr	ibed above	by the proper sh	nipping name.		
and are classified, packaged, marked and national governmental regulations.	labeled/placarde	u, and are in all res	pects in proper condition for	uansport a	ccoraing to	o applicable interr	iational and		
0.1.1.1.1.		Show	)	0	11				
a Charataria Nama and Titla (Dain)	h 0:	Muco		i Deta	11-	202	2		
g. Operator's Name and Title (Print) *Operator refers to the company which ow	h. Sign		pervises the facility being den	i. Date	renovated	I, or the demolition	n or		
renovation operation or both									



FINAL CLEARANCE LETTER

APPENDIX G

RUTHERFORD HOUSE LEAD TCLP ANALYSIS SUMMARY



## Lead TCLP Analysis Summary

**CLIENT:** NewFields CEI Lab Code: C200734

 104 E Broadway
 Received:
 09-24-20

 Helena, MT 59601
 Reported:
 10-01-20

Project: Heart Butte Gov't Square, 350.0446.000

CLIENT ID	CEI LAB ID	Sample Weight	Concentration
		(g)	ppm (mg/L)
TCLP-01	CA3392	100	<0.50

Regulatory Limit: 5.0 mg/L
Reporting Limit: 0.50 mg/L

**METHOD:** EPA SW846 1311/3010A/7000B

REVIEWED BY: /

REGULATORY EPA Action Level = >5.0 mg/L
LIMITS

**LEGEND** ppm = parts per million mg = milligrams L = Liter

All lead analyses are performed by a subcontracted accredited laboratory.

Rutherford House - LEAD TCLP COC
CHAIN OF CUSTODY

730 SE Maynard Road, Cary, NC 27511 Tel: 866-481-1412; Fax: 919-481-1442

LAB USE ONLY:	
CEI Lab Code: CZ0073	40
CEI Lab I.D. Range: CA 3392	

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	Project Name: Heart Butte Gov't Square	
Helena, MT 59601	Project ID#: 350.0446.000	
Email: MHuntington@newfields.com	PO #: Same as Project ID#	
Tel: 406-443-3556 Fax: NA	STATE SAMPLES COLLECTED IN: MONTANA	

IF TAT IS NOT MARKED STANDARD 3 DAY TAT APPLIES.

		TURN AROUND TIME						
ASBESTOS	METHOD	4 HR	8 HR	1 DAY	2 DAY	3 DAY	5 DAY	
PLM BULK	EPA 600							
PLM POINT COUNT (400)	EPA 600							
PLM POINT COUNT (1000)	EPA 600							
PLM GRAV w POINT COUNT	EPA 600							
PLM BULK	CARB 435							
PCM AIR	NIOSH 7400							
TEM AIR	EPA AHERA							
TEM AIR	NIOSH 7402							
TEM AIR (PCME)	ISO 10312							
TEM AIR	ASTM 6281-15							
TEM BULK	CHATFIELD							
TEM DUST WIPE	ASTM D6480-05 (2010)							
TEM DUST MICROVAC	ASTM D5755-09 (2014)							
TEM SOIL	ASTM D7521-16							
TEM VERMICULITE	CINCINNATI METHOD							
TEM QUALITTATIVE	IN-HOUSE METHOD							
OTHER:								

REMARKS / SPECIAL IN Use positive-stop analy	NSTRUCTIONS Pais— <b>RM</b>	* Please Pr sample an	rovide TCLP nalysis (5 Day)	Accep	t Samples
Use point count analysi	s for results be	tween ND and	1% pm	Reject	Samples
↑ Relinquished By:	Date	/Time	Received By:	Dat	te/Time
Jeans Mus	9/23/20	11:45 am	Fed Ex Carrier	9/23/20	11:45am
/ "/			B	9/24	9:50

Samples will be disposed of 30 days after analysis



## **SAMPLING FORM**

CE

COMPANY CONTACT INFORMATION			
Company: NewFields	Job Contact: Ryan McGee		
Project Name: Heart Butte Gov't Square	Sample Date: 9/9/2020		
Project ID #: 350.0446.000	Tel: (406) 461-4037		

SAMPLE ID#	DESCRIPTION - LOCATION
	Rufferford House
TCLP-01	Rutherford House Interior/Exterior Building Waterials scheduled for Demolition
	Demolition

FINAL CLEARANCE LETTER

APPENDIX H

PROJECT PHOTO LOG AND FIELD NOTES



Photo I. Entrance to Heart Butte Government Square. This photo shows the proximity of the Round Hall and Community Center.



Photo 2. Project close-out photo looking southwest at the Round Hall and Fire Garage.

Appendix H: Project Photo Log Page H - 1



Photo 3. Project close-out photo for lead abatement and repainting of log ends and framework on the main entrance of the Round Hall.



Photo 4. Project close-out photo Rutherford House looking northeast.

Appendix H: Project Photo Log Page H - 2



Photo 5. Final clearance photo of Rutherford House interior following removal of sheetrock wall and ceiling materials.



Photo 6. Final clearance photo of Rutherford House interior following removal of sheetrock wall and ceiling materials.

Appendix H: Project Photo Log

Page H - 3



Photo 7. Final clearance air sampling following asbestos abatement within the Comes at Night House.



Photo 8. Water damaged subfloor materials in the Comes at Night House kitchen. Owner will be responsible for removal of moldy wood subfloor.

Appendix H: Project Photo Log



Photo 9. Project close-out photo for lead abatement and repainting of exterior trim on the Comes at Night House



Photo 10. Project close-out photo for lead abatement and repainting of exterior window trim on the Comes at Night House.

Appendix H: Project Photo Log Page H - 5



Photo II. Final clearance project photo taken inside the Community Center looking northwest.



Photo 12. Final clearance project photo taken inside the Community Center looking southwest.

Appendix H: Project Photo Log Page H - 6

	CLIENT: Blackfeet Nation - Environmenta/SHEET 1 OF Z
NewFields	PROJECT: Heart Buffe Gov't Square DATE: 8/3/120
Perspective, Vision, Solutions.	DESCRIPTION: Abertement / Geaming Oversight PROJECT NO: 350,0446 000
· Gerald	DESCRIPTION: Absternet / Cheaning Oversight Project No: 350,0446 000  PREPARED BY: L. W. Get CHECKED BY:
· Adam	A \$ 5,500 Vermiculite = A
7:30 Departed Residence	7,000
	Lai Sinchart + Buston Butterfly Conducted
Walk through of So	Center. Discussed scope.
	Certific . Discussed step .
Conducted wathrough	of Clarance Comesathight's House, discussed scape
of work. Carl of Br	Ton-sife, goined on wa Pethroughs
Conducted walkthe	rough of Rutherford House, Fire Garage, & Rounds
Hall, discussed scop	e.
1.50 Completed Walk throw	ighs. and anticipated scope of work on
all sylveyres	> dedact
Comes at Night - scope of	work continued w/ owner. Vermiculité steus, subfacer (360 SF) to be remaied + LBPon
ceiling stays. VSF and s	subfloor (360 SF) to be remained + LBPon
WINDOWS. HAD Mold freatmen	
Firehall - No Charge	* Futterford House I viny visual chearance
Acus Teldel	-No LBP [Delete/ Leduct]
Acon Teta waste	
Hound Hall - No Change	TCLP? include at hethorord House
Sr. Center_ verify floor	Y Ceiling stores (<190) OSHA ceiling
area stays (no Impact	V. Ceiling storys (<190) OSHA ceiling
N. Portion - No impact	Confirm VFT7
c 2 Lon Coul land	e Gilling
S. Portion - Gut - Leav	
S. Portion - Walls/Trin	rus? \$ 5,000 change Order
swape/cut danaged a	the 5,000 change Order
TCLP - Trim - ACM D NF collect Waste Manife	3
2 7 7000011	

\*



Perspective. Vision. Solutions.	PROJECT: HDGS	DATE: 8/3//CO
	DESCRIPTION: Abatement Oversight	PROJECT NO: <u>350.0446-0</u> 00
	PREPARED BY: L. MGE	CHECKED BY:
2.25	1.1.1.51	11/1/
· 2:30 pm Walthrough	complete w/ Shown Lair. Man	wann Hell
Blackfeet TERO Officers	showed by project work	ed all workers.
decid - 12 mo Chief =	stopped by project verif.	1 1-6
All informed of one	individual qualitied in all	phases of about
Ment work. Chris will	individual qualified in all keep TERO (Maryann) intoin	wa H Miss .
This project.		
· 3 pm Chris Rinchart o	M-ile	
		la 16-01-
Sr. Center has been me	ade available for use of shelf	and servicens.
Mr. Suttertly (Buton) w	il confirm the building is so. Butterfly's Those number 338	wire of the orange
It The work day. Mr	. Butterty's those number 338	8-2222 [Kitchia Phone]
· Clarance Comes at Night	* Discussed/Re	Plan WI ACM
	28P - 3008 8/31/20. Indily	duals present
	Lugar Mol	- June Danton
· C ( NC)	- 02 20	Ch (Dune)
· Carl McLean > 845	*Discussed / Re  *Discussed / Re  -> 845-9807 Health + Safeth  338-3008 8/31/20. Indily  Fyand-May  5-8288 Navor	Rit Churce
13/26 - 125 - 63 hrs		
	! Adam Johnson on Heav+	2. He Gov't Square
- Invoices Updated	Adam Johnson on Heaver	34/100
De analogica d'a AK ans		
be applying in AK AM		
918 120 NOM mosite	starting on charence Come extrock 2% ACM in mud () He Rufferford House and (	SAT Wight's Resid
110/20 = ACT 01-3110,	Lock 129 ACM in mad (i	oint compound),
ence. Fill one	Ha O I clark thouse and	Community Ceater
removed from	The Kurfus for of Victoria 2000	

PROJECT: HBGS

CLIENT: BFT-Env. Dept. SHEET Z OF 2

DATE: 8/31/20