Foothills Environmental, Inc.

Industrial Hygiene, Safety & Environmental Services

LIMITED ASBESTOS BUILDING INSPECTION and LEAD PAINT INSPECTION

CDOT Region 3 Maintenance Shop Building
2829 East Shale Drive
Rangely, Colorado 81648

Prepared for:

Phillip T. Kangas
Colorado Department of Transportation
2828 West Howard Place, 4th Floor
Denver, Colorado 80204

Prepared by:
Foothills Environmental, Inc.
11099 West 8th Avenue
Lakewood, CO 80215

April 7, 2020
FEI Project No. AS2003-2
CDOT PO# 411023624

ACRONYMS

ACM	Asbestos Containing Material
ACBM	Asbestos Containing Building Material
AIHA	American Industrial Hygiene Association
CDPHE	Colorado Department of Public Health and Environment
EPA	United States Environmental Protection Agency
OSHA	Occupational Safety and Health Administration
NVLP	National Voluntary Laboratory Accreditation Program
PLM	Polarized Light Microscopy
PACM	Presumed Asbestos Containing Material
RACM	Regulated Asbestos Containing Material
SVF	Sheet Vinyl Flooring
TEM	Transmission Electron Microscopy
TSI	Thermal System Insulation

TABLE OF CONTENTS

1.0 EXECUTIVE SUMMARY

Limited bulk sampling of suspect building materials was conducted to identify Asbestos-Containing Materials (ACM) on the interior and exterior of the CDOT Region 3 Maintenance Shop building (Bldg. #1000/3/183) located at 2829 East Shale Drive in Rangely, Colorado.

Random bulk samples were collected of suspect building materials throughout the interior and exterior of the building. This asbestos inspection was conducted in general accordance to the guidelines published as the Environmental Protection Agency's Final Rule: Title II of the Toxic Substances Control Act (TSCA), 15 USC, Sections 2641 through 2654 or in compliance with 40 CFR, Part 763 and the Colorado Department of Public Health and Environment (CDPHE) Regulation #8.

Mr. Jason Martin, an EPA and Colorado Department of Public Health and Environment (CDPHE) certified asbestos inspector, conducted the inspection on March 25th, 2020. A total of thirty-nine (39) samples were collected for this investigation. Certifications are provided in Appendix D.

- None of the building materials tested as part of this limited inspection contained asbestos.

1.1 Asbestos Containing Building Materials Requiring Removal Prior to Demolition

Regulated Asbestos-Containing Material (RACM) means (a) friable asbestos-containing material, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by the forces expected to act on the material in the course of demolition or renovation operations.

Non-RACMs are those non-friable materials not likely to be rendered friable during the normal demolition process, therefore are less likely to release airborne asbestos. Under normal demolition activities, non-RACMs that are non-friable Category I materials (gaskets, resilient flooring, adhesives, and asphalt roofing) and similar non-friable Category II are allowed by EPA and CDPHE regulations to remain during normal building demolition, and can be disposed of as normal demolition debris, provided these materials remain non-friable during demolition activities and the landfill will accept the waste as solid waste.

Table 1 – RACM

ACM Description/Homogeneous Area(s)	Condition	Type / Friable or Non-Friable	Analytical Result	Approx. Quantity	Material Locations
None	-	-	-	-	-

Table 2 – Non-RACM >1%

ACM Description/Homogeneous Area(s)	Condition	Type / Friable or Non-Friable	Analytical Result	Approx. Quantity	Material Locations
None	-	-	-	-	-

Table 3 – Materials Containing 1% of Less Asbestos (Trace)

ACM Description/Homogeneous Area(s)	Condition	Type / Friable or Non-Friable	Analytical Result	Approx. Quantity	Material Locations
None	-	-	-	-	-

1.2 Lead-Containing Paint

Paint chip samples were collected from five (5) paints for lead-based paint (LBP) analysis during this inspection. Paint chip sample collection was limited to those non-metal building materials that may be removed and disposed of as part of the planned office/restroom renovation.

OSHA regulations apply to tasks that disturb lead based and lead containing paint.

Sample Number, Sample Color, and Substrate	Sample Location	Condition	Lead Concentration (%)
PB1-1 – Gray epoxy paint, concrete floor	Garage, northwest concrete floor	Good	BRL
PB2-1 – White on brown paint, vinyl cove base	Office, south wall cove base	Good	BRL
PB3-1 – Gray paint, plywood floor/deck	Loft, plywood floor/deck	Good	0.011
PB4-1 – White paint, drywall walls and ceiling	Office, south wall drywall	Good	BRL
PB5-1 – Blue paint, wood access panel	Garage west wall (Office), wood access panel	Good	BRL

BRL: Below Reporting Limit

2.0 ASBESTOS INSPECTION

The following sections summarize the survey findings and analytical results for suspect ACM sampled at the subject site. ACM summary tables shown have been prepared for each general sample location: floors, walls, ceilings, etc. These tables are organized to show each material analyzed, its asbestos content, and sample location. Representative samples of suspect materials were sent to an accredited laboratory for analysis.

2.1 Scope of Work

The combined goals of sampling and visual assessments were to:

1. Identify asbestos-containing material (ACM) at the building and document the location, condition, friability and quantity of each identified material.
2. Make appropriate recommendations on how to approach each material identified as an ACM prior to demolition or renovation.
3. Compile sample data information, observations obtained from site visits, conclusions and recommendations into a report.

2.2 Standard Bulk Sampling and Analytical Procedures Scope of Work

This asbestos inspection was completed in general accordance with the Environmental Protection Agency (EPA) National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation using bulk sampling techniques referenced in OSHA 29 CFR 1910.1001, which in turn, references U.S. EPA Asbestos

Hazard Emergency Response Act (AHERA) protocol, which is incorporated by reference in Colorado, Regulation No. 8.

The inspection was completed by separating materials into Homogeneous Areas. A homogeneous area (material) is defined as an area containing a material that appears similar throughout with regard to color, texture, and date of application. Individual systems that were inspected, but not suspected to contain asbestos, are not included in this report. Such systems include concrete, carpet, fiberglass, plastic, and wood products. From the list of suspect homogeneous areas, a physical assessment was performed for each material on the list. A physical assessment includes evaluating the condition, friability, and amount of damage of each material. By definition, "friable" materials are those that can be crumbled or reduced to powder by hand pressure when dry. Each material on the list was further classified into one of three categories, which have specific sampling requirements for each category.

Surfacing Materials: Refers to spray or troweled applied surfaces such as plaster ceilings and walls, fireproofing, textured paints, textured plasters, and spray-applied acoustical surfaces.

Thermal System Insulation: Refers to insulation used to inhibit heat gain or loss on pipes, boilers, tanks, ducts, and various other building components.

Miscellaneous Materials: Refers to friable and non-friable products and materials that do not fit in any of the above two (2) categories such as resilient floor covering, baseboards, mastics, adhesives, roofing material, caulking, glazing, and siding. This category also contains wallboard, joint compound, and ceiling tiles.

The condition of suspect materials was evaluated as “good”, “damaged”, or “significantly damaged” using the following parameters:

Good- material with no visible damage or deterioration or showing only very limited damage or deterioration.

Damaged- material which has deteriorated or sustained physical injury such that the internal structure (cohesion) of the material is inadequate or, if applicable, which has delaminated such that the bond to the substrate (adhesion) is inadequate or which for any other reason lacks fiber cohesion or adhesion qualities. Damaged material are those that are <10% scattered or <25% localized.

Significantly Damaged- material which has extensive and severe damage. Significantly damaged materials are those that are >10% scattered or > 25% localized.

Each suspect material was also classified as friable (F), Category I non-friable (Cat. I), or Category II non-friable (Cat. II), according to the U.S. EPA National Emissions Standard for Hazardous Air Pollutants (NESHAP) definitions.

The sampled materials were wetted with an amended water solution to minimize the release of airborne fibers during sample collection. A sample collection hand tool, cleaned after the collection of each sample,

was used to remove a small sample of suspect material. Each suspect material was placed into a small plastic bag, labeled, and sealed. Upon completion of sampling activities, samples were placed into a sealed container along with chain of custody forms and delivered for analysis to Reservoirs Environmental Inc. (REI) in Denver, Colorado. REI is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP) for conducting bulk and air sample analyses for asbestos.

As specified in 40 CFR Part 763, Subpart F, Appendix A, each sample was analyzed using Polarized Light Microscopy (PLM) in accordance with U.S. EPA Method 600/R-93/116, June, 1993. Some samples will contain numerous "layers". The laboratory will classify and report each layer found with a corresponding asbestos content. In some instances, bulk samples of similar materials (HAs) are reported as having a different number of layers. Percent asbestos for separate layers and total for the sample are delineated in the laboratory report. Unused portions of samples are archived for six months unless the client requests special handling.

The Environmental Protection Agency (EPA) defines ACM as a material containing greater than 1.0 percent (%) asbestos. Both friable and non-friable materials were sampled. A friable material is a material that when dry may be crumbled, pulverized, or reduced to powder by hand pressure. Because friable materials are more easily damaged and more likely to release fibers into the air, they are of greater concern than non-friable ACM.

Materials containing 1% or less asbestos are considered Trace by EPA and CDPHE. The Occupational Safety and Health Administration (OSHA) Construction Asbestos Standard 29 CFR 1926.1101 contains work practice and engineering control requirements and prohibitions that must be observed regardless of the percentage of asbestos in installed construction materials. Even though these materials are not regulated under the NESHAP for demolition, consideration must be given for worker exposure during any activities that may disturb them.

2.3 Building Description

The building is an approximately 3,040 square foot one-story metal frame structure originally constructed in 1987. In 2005-2006, the Garage portion was extended approximately twelve (12) feet to the south and a storage room was added on the west end of the Garage approximately ten (1) years ago. The exterior siding, roof and interior Garage walls are finished with steel panels. The floor throughout the building in concrete and a gray epoxy coating is applied to the Office, Restroom and northwest Garage floor. The Garage Storage Room walls were finished with painted plywood and the exterior siding and roof are finished with steel panels. The Office and Restroom were constructed with wood framing and the walls and ceiling are finished with textured drywall. Windows are aluminum frame double pane sliders.

2.4 Statement of Inaccessibility

Accessible areas of the structures were inspected for ACM. Underground conduit, electrical panels, instruments or other appurtenances were not inspected. Attempts were made to identify and access suspect materials; however, the potential for additional unidentified materials may exist within inaccessible areas, such as in machinery, in equipment, underground, etc. Any suspect materials located in these areas should be assumed asbestos-containing until sample collection can be performed and subsequent analyses prove otherwise.

Conclusions of the report are professional opinions based solely upon site observations and interpretations of analyses as described in our report. The opinions presented herein apply to site conditions at the time of our investigation, and interpretation of current regulations pertaining to regulated materials. Therefore, our

opinions and recommendations may not apply to future conditions that may exist at the building, which we have not had the opportunity to evaluate. The regulations should always be verified prior to any work involving regulated materials.

Within the limitations of scope, schedule, and budget, our services have been executed in accordance with generally accepted practices in this area at the time this report was prepared. No other hazardous materials/wastes were investigated. No other conditions, expressed or implied, should be assumed.

3.0 ASBESTOS-CONTAINING MATERIAL (ACM) LOCATION SUMMARY

The following sections summarize the survey findings and analytical results for suspect ACM sampled at the subject site. ACM summary tables shown have been prepared for each general sample location: floors, walls, ceilings, etc. These tables are organized to show each material analyzed, its asbestos content, and sample location. Representative samples of suspect materials were sent to an accredited laboratory for analysis.

3.1 Bulk Sample Inspection Summary

The following suspect materials were identified and sampled on the exterior of the former commercial building. The material identification is listed by Homogeneous Area designation and description following:

3.1.1 Suspect Surfacing Materials

- TEX1-1 – Drywall surface texture (orange peel)

3.1.2 Suspect Thermal System Insulation Materials

- None

3.1.3 Suspect Miscellaneous Materials

- CDW1 – Composite drywall, joint compound and surface texture (orange peel)
- DM1 – Duct mastic, gray
- INS1 – Insulation, fiberglass
- CBG1 – Vinyl cove base, 4” gray with tan mastic
- CK1 – Caulk, red
- CK2 – Caulk, white
- ECK1 – Exterior caulk, silver
- ECK2 – Exterior caulk, white
- EJ1 – Expansion joint material
- SF1 – Screw flashing (Garage addition siding)
- SF2 – Screw flashing (original Garage siding)
- SF3 – Screw flashing (Garage Storage Addition siding)
- ECK3 – Exterior caulk, butyl gray (Garage addition roof)
- ECK4 – Exterior caulk, butyl gray (original Garage addition roof)
- BM1 – Black roofing mastic
- FS1 – Foundation sealant, black

- EJC1 – Expansion joint caulk, light gray

3.2 SAMPLE RESULTS TABLE

The following table summarizes sample results collected for this project. A copy of analytical results is attached in Appendix B to this report for your reference. Room numbers (where indicated) are as described on Drawings in Appendix A.

The following table summarizes the sample results collected from the interior and exterior of the **CDOT Region 3 Maintenance Shop building:**

Data #	Sample Number	Material Description	Sample Location	Condition	Approx. Quantity	Analytical Result
1	CDW1-1	Composite drywall, joint compound and surface texture (orange peel)	Office, east wall, southeast corner	G / NF	750 SF	ND*
2	CDW1-2		Restroom, east wall, southeast corner			ND*
3	TEX1-1	Drywall surface texture (orange peel)	Office, west wall	G / NF	750 SF	ND*
4	TEX1-2		Restroom, east wall			ND*
5	TEX1-3		Restroom, west wall			ND*
6	DM1-1	Duct mastic, gray	Garage, heater intake duct, 2nd from east	G / NF	20 SF	ND
7	DM1-2		Garage, heater intake duct, 3rd from east			ND
8	INS1-1	Insulation, fiberglass	Loft, ceiling cavity, at sewer vent	G / F	11,000 SF	ND
9	INS1-2		Garage, west wall			ND
10	CBG1-1	Vinyl cove base, 4" gray with tan mastic	Restroom, south wall, west of door	G / NF	24 SF	ND
11	CBG1-2		Office, south wall, west of door			ND
12	CK1-1	Caulk, red	Garage, heater exhaust duct, 3rd from east	G / NF	10 SF	ND
13	CK1-2		Garage, heater exhaust duct, 2nd from east			ND
14	CK2-1	Caulk, white	Restroom, window, right lower	G / NF	2 SF	ND
15	CK2-2		Restroom, window, left lower			ND
16	ECK1-1	Exterior caulk, silver	East exterior, at vent	G / NF	4 SF	ND
17	ECK1-2		North exterior, at 4th vent from east			ND
18	ECK2-1	Exterior caulk, white	Southwest man door roof, south at roof	G / NF	10 SF	ND
19	ECK2-2		East roof gutter, at seam			ND
20	ECK2-3		East roof gutter, at seam			ND
21	EJ1-1	Expansion joint material	Garage, floor at north man door	G / F	9 SF	ND
22	EJ1-2		Garage, floor at west wall			ND
23	SF1-1	Screw flashing (Garage addition siding)	Garage addition, east exterior	G / NF	2 SF	ND
24	SF1-2		Garage addition, south exterior, southwest corner			ND
25	SF2-1	Screw flashing (original Garage siding)	Original Garage, east exterior	G / NF	4 SF	ND
26	SF2-2		Original Garage, north exterior			ND

F= friable
NF=non-friable

†= approximate total square feet of drywall

G=good
D=damaged
SD=severely damaged
SF=square feet
LF=lineal feet

ND=none detected
*= multiple layers

The following table summarizes the sample results collected from the interior and exterior of the **CDOT Region 3 Maintenance Shop building:**

Data #	Sample Number	Material Description	Sample Location	Condition	Approx. Quantity	Analytical Result
27	SF3-1	Screw flashing (Garage Storage Addition siding)	Garage Storage Addition, north exterior	G / NF	1 SF	ND
28	SF3-2		Garage Storage Addition, west exterior			ND
29	ECK3-1	Exterior caulk, butyl gray (Garage addition roof)	Southwest man door roof, south and peak	G / NF	10 SF	ND
30	ECK3-2		Garage addition roof, peak			ND
31	ECK4-1	Exterior caulk, butyl gray (original Garage roof)	Original Garage roof, west edge	G / NF	30 SF	ND
32	ECK4-2		Original Garage roof, peak			ND
33	BM1-1	Black roofing mastic	Roof, north center vent	G / NF	4 SF	ND*
34	BM1-2		Roof, northwest sewer vent			ND
35	FS1-1	Foundation sealant, black	Garage addition, east foundation, south end	G / NF	10 SF	ND
36	FS1-2		Garage addition, east foundation, north end			ND*
37	EJC1-1	Expansion joint caulk, light gray	Garage addition, east interior floor	G / NF	5 SF	ND*
38	EJC1-2		Garage addition, west interior floor			ND*
39	EJC1-3		Garage addition, west interior floor			ND*

F= friable
NF=non-friable

†= approximate total square feet of drywall

G=good
D=damaged
SD=significantly damaged
SF=square feet
LF=lineal feet

ND=none detected
*= multiple layers

4.0 ASBESTOS RECOMMENDED ACTIONS

Asbestos-Containing Materials – General

Removal, in accordance with the Colorado Department of Public Health and Environment's (CDPHE) Regulation No. 8, is required of materials with an asbestos content greater than one percent (1%) that are friable or will be made friable during renovation or demolition activities. Friable means that the material, when dry may be crumbled, pulverized, or reduced to powder by hand pressure.

The National Emission Standard for Hazardous Air Pollutants (NESHAP) regulations set forth by the U.S. Environmental Protection Agency control asbestos emissions from renovation and demolition activities.

The following sections describe materials that were identified during this inspection and recommended actions prior to renovation or demolition.

4.1 Friable ACM

Friable ACM must be removed prior to demolition.

The following materials were identified as friable during the investigation:

- None

4.2 Non-friable ACM

The following materials were identified as non-friable ACM during the inspection:

- None

4.3 Materials Containing 1% or Less Asbestos (Trace)

The following materials were identified as trace materials during the inspection:

- None

4.4 RACM vs NON-RACM

ACM identified that are non-friable usually remain non-friable in their current condition; however, they may become friable during renovation or demolition activities. These materials must be removed prior to activities that will render them friable including (drilling, sanding, grinding, or cutting). Removal is recommended before renovation or demolition unless minimal or no breakage is reasonably achievable.

Removal of non-friable ACM must be performed by trained personnel according to procedures outlined in current regulations. Removal activities must be completed in compliance with the OSHA Asbestos in Construction standard 29 CFR 1926.1101 as a Class II work operation, which includes engineering controls and monitoring. Some landfills allow the materials to be disposed with construction debris; however, the waste hauler and landfill must be notified that they are receiving a Category II non-friable asbestos material.

If the material is removed as an asbestos removal project it should be disposed of as non-friable asbestos waste.

4.5 Asbestos Inspection Limitations

This report describes the installed locations and conditions of ACM identified in the facility during the inspection. FEI represents that our services are performed within the limits prescribed by applicable regulations and in a manner consistent with the level of care and skill ordinarily exercised by other professional consultants under similar circumstances. No other representation is made to the client, expressed or implied, and no warranty or guarantee is included or intended.

Accessible areas of the structures were inspected for ACM. Underground conduit, electrical panels, fire rated doors, instruments or other appurtenances were not inspected. Attempts were made to identify and access suspect materials; however, the potential for additional unidentified materials may exist within inaccessible areas, such as behind walls, in chases, beneath carpeted areas, in machinery, in equipment, underground etc. Any suspect materials located in these areas should be assumed asbestos-containing until sample collection can be performed during destructive testing and subsequent analyses prove otherwise.

Conclusions of the report are professional opinions based solely upon site observations and interpretations of analyses as described in our report. The opinions presented herein apply to site conditions at the time of our investigation, and interpretation of current regulations pertaining to regulated materials. Therefore, our opinions and recommendations may not apply to future conditions that may exist at the building, which we have not had the opportunity to evaluate. The regulations should always be verified prior to any work involving regulated materials.

This document describes the locations and conditions of ACM identified in the facility during the time of inspection. This report is limited to the scope of work identified in this report and should not be construed to represent anything outside the scope of work.

5.0 LEAD PAINT INSPECTION

The purpose of this inspection is to identify and assess painted components at the subject property which could be subject to individual component demolition/renovation activities and to determine the level of lead hazard control needed at the property. The intent of this study was to identify the presence of lead-based paint above specified regulatory action levels. If lead-based paint was found, the inspection would identify the architectural components and their respective lead concentrations in such a manner that this report could be used as a basis for subsequent abatement activity. This report presents the results of Foothills Environmental, Inc.'s lead-based paint inspection of the CDOT Region 3 Maintenance Shop building in Rengely, Colorado. The inspection was performed on March 25th, 2020.

The sampling strategy was based on procedures outlined by the U.S. Department of Housing and Urban Development (HUD) "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing. USEPA regulation 40 CFR Part 745, defines LBP as paint containing equal to or greater than 0.5% lead by weight (>0.5%). The USEPA and HUD regulations are applicable to residential properties and child-occupied facilities and the lead-based paint definition is referenced herein as a benchmark. FEI understands that the subject property does not meet the definition of a child-occupied facility. This assessment is not a comprehensive survey and is not compliant with all of the EPA and HUD sampling requirements.

The Occupations Safety and Health Administration (OSHA) regulations apply to tasks that disturb lead based and lead containing paint. OSHA considers lead containing paint of any measurable concentration

as a potential hazard to health and requires an exposure assessment for any work activities that may disturb lead based or lead containing paint.

Additionally, lead-containing materials require a hazardous waste determination pursuant to 40 CFR 262.11, and 40 CFR 261.24. It is a standard industry approach that demolition waste characterization should be performed on structures containing lead-based paint. This procedure is the Toxicity Characteristic Leaching Procedure (TCLP), where a composite sample representative of all building components to be demolished (i.e. all lead-based paint coated and non-lead-based paint coated materials from the structure) is submitted to the laboratory for analysis. The Toxicity Characteristic (TC) limit for lead is 5 part per million (ppm) in the leachate. Materials that exceed this limit must be disposed of as hazardous waste. Materials that do not exceed this limit may be disposed of as solid waste.

5.1 Qualifications

Jason Martin, a Certified Industrial Hygienist (CIH), initially surveyed painted surfaces throughout the structure using a Heuresis Pb200i Lead Paint spectrum analyzer X-ray Fluorescence (XRF) direct reading instrument. Jason then performed a lead based paint inspection using paint chip sampling techniques for the portions of the Office and Restroom that will be removed and disposed of during the planned renovation project. Foothills Environmental, Inc. is a state of Colorado Lead Evaluation Firm #14927.

5.2 Visual Inspection

A visual inspection by FEI revealed that there were five (5) distinct types of paint used on non-metal building component surfaces that will be removed as part of the planned renovation project. Five (5) samples in total were collected of those painted surface.

5.3 Test Protocol

The XRF utilized for this project was a Heuresis Pb200i Lead Paint spectrum analyzer instrument. The instrument was calibrated to the manufacturer's specifications and was also periodically verified against the National Institute of Standards and Testing (NIST) Standard Reference Materials (SRM) 2570 lead film (0.0 mg/cm^2), (SRM) 2571 lead film (3.58 mg/cm^2), (SRM) 2572 lead film (1.53 mg/cm^2), (SRM) 2573 lead film (1.04 mg/cm^2).

Paint chip samples were collected in accordance with U.S. EPA (Guidance on Identification of Lead-Based Paint Hazards) and HUD guidelines. Paint chip sampling involved collection of representative samples of painted material. Paint chip samples were selected based on color and homogeneity of the paint. A razor scraper, cleaned after the collection of each sample, was used to remove a small area of paint.

The inspector removed paint down to the substrate (i.e. concrete, wood, steel, etc.), making sure all layers of paint were intact, and placed it into a pre-labeled plastic bag. Additional paints may exist under the surface coat in different areas other than those tested. Subsequently, a wet cloth was used to clean the area and residual material was placed into a plastic bag and removed by FEI.

Paint chip samples were analyzed by Reservoirs Environmental, Inc. (REI) in Denver, Colorado, which is an American Industrial Hygiene Association (AIHA) accredited and Environmental Lead Laboratory Accreditation Program (ELLAP) accredited laboratory, using Inductively Coupled Plasma Spectrometry according to U.S. EPA Method 3050B/6010C. Laboratory qualifications are in Appendix D.

5.4 Lead Analytical Results

No lead-based paints were identified during the inspection: One (1) lead-containing paints were identified during inspection. The paint chip sample collected from the gray paint on the Loft plywood floor/deck was determined to be lead-containing at 0.011% by weight. All other samples were below the reporting limit for the analysis method used by the laboratory. Analytical results and chain of custody forms are located in Appendix B.

The following table summarizes the paint chip sample analysis results:

Sample Number, Sample Color, and Substrate	Sample Location	Condition	Lead Concentration (%)
PB1-1 – Gray epoxy paint, concrete floor	Garage, northwest concrete floor	Good	BRL
PB2-1 – White on brown paint, vinyl cove base	Office, south wall cove base	Good	BRL
PB3-1 – Gray paint, plywood floor/deck	Loft, plywood floor/deck	Good	0.011
PB4-1 – White paint, drywall walls and ceiling	Office, south wall drywall	Good	BRL
PB5-1 – Blue paint, wood access panel	Garage west wall (Office), wood access panel	Good	BRL

BRL = Below Reporting Limit

The following table summarizes the XRF survey results:

Shot	Room	Object	Substrate	Color	Location	Pb (mg/cm^2)	LBP Result
1	N/A	Blank	N/A	N/A	N/A	0.0	Negative
2	N/A	Positive Baseline	N/A	N/A	N/A	1.0	Positive
3	N/A	Positive Baseline	N/A	N/A	N/A	1.0	Positive
4	N/A	Positive Baseline	N/A	N/A	N/A	1.0	Positive
5	Office	Wall	Drywall	White	North	0.1	Negative
6	Office	Ceiling	Drywall	White	Ceiling	0.0	Negative
7	Office	Baseboard	Vinyl	White/Brown	South	0.2	Negative
8	Office	Perimeter Siding	Metal	Off-White	North	-0.1	Negative
9	Restroom	Wall	Drywall	White	East	0.2	Negative
10	Restroom	Wall	Drywall	White	South	0.1	Negative
11	Restroom	Heat Register	Metal	Tan	West	0.1	Negative
12	Restroom	Water Heater	Metal	Tan	East	-0.2	Negative
13	Garage	Wall Siding	Metal	Off-White	West	-0.1	Negative
14	Garage	Office Wall Siding	Metal	Off-White	West	-0.1	Negative
15	Garage	Fuse Box	Metal	Brown	North	0.1	Negative
16	Garage	Wall Siding	Metal	Off-White	North	-0.1	Negative

Shot	Room	Object	Substrate	Color	Location	Pb (mg/cm^2)	LBP Result
17	Garage	Wall Siding	Metal	Off-White	East	-0.1	Negative
18	Garage Addition	Wall Siding	Metal	White	East	0.1	Negative
19	Garage Addition	Wall Siding	Metal	White	South	-0.1	Negative
20	Garage Addition	Wall Siding	Metal	White	West	0.0	Negative
21	Garage	Door	Metal	White	West	-0.1	Negative
22	Exterior	Roof Gutter	Metal	White	West	0.1	Negative
23	Exterior	Garage Door Trim	Metal	White	South	-0.1	Negative
24	Exterior	Garage Door	Metal	White	South	0.0	Negative
25	Exterior	Crash Post	Metal/Concrete	Yellow	South	0.2	Negative
26	Exterior	Siding	Metal	Tan	South	0.1	Negative
27	Garage Addition Exterior	Siding	Metal	Tan	East	0.1	Negative
28	Exterior	Siding	Metal	Tan	East	-0.1	Negative
29	Exterior	Gas Meter	Metal	Gray	North	0.8	Negative
30	Exterior	Gas Meter Pipe	Metal	Gray	North	-0.1	Negative
31	Exterior	Door	Metal	Silver	North	0.0	Negative
32	Exterior	Door Frame	Metal	Silver	North	-0.1	Negative
33	Exterior	Door Frame	Metal	Reb	North	-0.1	Negative
34	Exterior	Siding	Metal	Tan	North	0.0	Negative
35	Exterior	Utility Box	Metal	Gray	North	0.0	Negative
36	Exterior	Siding Trim	Metal	Off-White	Northwest	-0.1	Negative
37	Exterior	Window Grate	Metal	Black	West	0.0	Negative
38	Storage Addition Exterior	Siding	Metal	Tan	West	0.1	Negative
39	Garage Addition Exterior	Roof	Metal	White	Roof	-0.1	Negative
40	Storage Addition	Wall	Wood	White	West	0.0	Negative
41	Storage Addition	Wall	Wood	White	North	0.0	Negative
42	Garage	Support Beam	Metal	Gray	West	0.0	Negative
43	Garage	Beam Footer	Concrete	Red	West	0.1	Negative
44	Garage	Support Beam	Metal	Red	West	0.0	Negative
45	Garage	Stair Rail	Metal	Black	North	0.1	Negative
46	Garage	Stairs	Metal	Yellow	North	0.0	Negative
47	Loft	Floor/Deck	Wood	Gray	Floor	0.0	Negative
48	Loft	Roof Beam	Wood	Red	North	0.0	Negative
49	Garage	Floor	Concrete	Yellow	North	0.2	Negative
50	Garage	Peg Board	Wood	White	North	0.0	Negative
51	Garage	Peg Board	Wood	Yellow	North	-0.4	Negative
52	Garage	Wall Siding	Metal	Red	North	-0.1	Negative
53	Garage	Door	Metal	Black	North	0.0	Negative
54	Garage	Access Panel	Wood	Blue	West	0.0	Negative
55	Garage	Floor Epoxy	Concrete	Gray	Floor	0.4	Negative
56	Garage	Wall Siding	Metal	Red	North	-0.1	Negative
57	Garage	Wall Board	Wood	Off-White	North	0.1	Negative
58	Office	Floor Epoxy	Concrete	Gray	Floor	0.4	Negative

Shot	Room	Object	Substrate	Color	Location	Pb (mg/cm^2)	LBP Result
59	N/A	Positive Baseline	N/A	N/A	N/A	1.0	Positive
60	N/A	Positive Baseline	N/A	N/A	N/A	1.0	Positive
61	N/A	Positive Baseline	N/A	N/A	N/A	1.1	Positive
62	N/A	Blank	N/A	N/A	N/A	0.1	Negative

For the purposes of this report, LBP has been classified as being either in Good, Fair, or Poor condition. The following are the general definitions of each condition category:

• Intact (Good) Condition	Paint is intact with no sign of peeling or damage over the component system
• Fair Condition	Paint shows signs of wear (chalking, peeling, chipping, abrasion, or minimal delamination less than 10% of a component surface, due to age or other factors such as moisture or physical contact.
• Poor condition	Paint is substantially delaminating or peeling greater than 10% of a component surface or 25% in a focused area of the component system.

5.5 TCLP Composite Sample Collection Protocol

FEI collected a composite sample to determine the lead content of the non-metal building materials that may be removed and disposed of a s part of the planned Office and Restroom renovation project. FEI identified the different components to be demolished and collected aliquots or sub-samples of each component by removing portions of the components. The sub-samples were selected carefully to ensure that the resulting composite sample would be representative of the components to be demolished. The sub-samples were combined together in proportion to their percent by weight representative of the total quantity of debris being removed. The resulting weight of the composite exceeded the 100-gram minimum sample weight specified for the TCLP test. The composite sample was hand delivered to Reservoirs Environmental for TCLP analysis and placed on hold until further notice from CDOT.

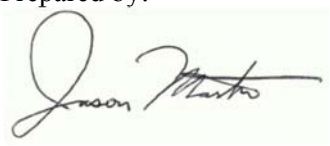
5.6 TCLP Composite Sample Results

The TCLP sample collected from the building materials that may be impacted by the planned Office and Restroom renovation was processed at the request of CDOT since one of the paint chip samples came back at >0.01% lead by weight. The TCLP analysis results received from Reservoirs Environmental, Inc. revealed results below the reporting limit or <0.25 milligrams per liter (mg/l) of lead. The debris is classified as hazardous waste if the TCLP sample result is greater than or equal to 5.0 milligrams per liter (mg/l) of lead. The debris is classified as solid waste if the TCLP sample result is less than 5.0 mg/l.

5.7 Lead Inspection Limitations

This inspection was planned, developed, and implemented based on experience in performing lead-based paint inspections by Foothills Environmental, Inc. Foothills Environmental Inc. utilized state-of-the-art practices and techniques in accordance with regulatory standards while performing this inspection. A copy of personnel certifications and equipment licenses has been provided for your review.

Prepared by:



Jason Martin, CIH, CSP
Senior Industrial Hygienist
CDPHE Asbestos Inspector # 16218

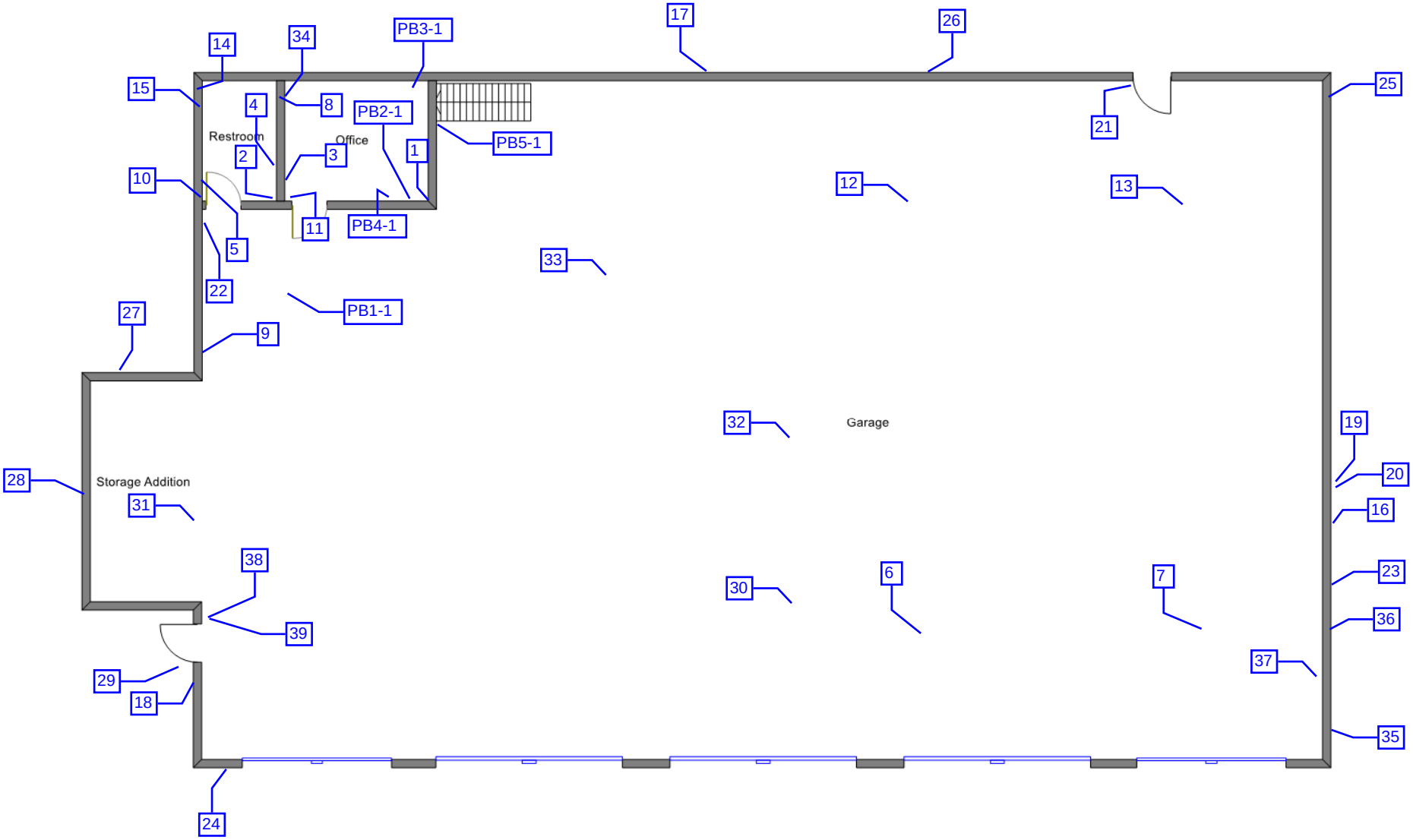
Reviewed by:

Andre Gonzalez, CIH
President
CDPHE Certification #3199

Appendix A

Sample Location Drawings

SAMPLE LOCATIONS DRAWING



CDOT Region 3 Maintenance Shop 2829 East Shale Drive Rangely, Colorado 81648	FEI Project #AS20003-2	Date: 4/8/2020	Figure 1
	Approved by: DMB	Drawn By: JAM	
	Foothills Environmental, Inc. 11099 W 8th Avenue Lakewood, CO 80215		

Appendix B

Laboratory Results

Reservoirs Environmental, Inc.

March 27, 2020

Subcontractor Number:
Laboratory Report: **RES 459663-1**
Project #/P.O. #: **AS20003-2**
Project Description: **CDOT Rangely**

Jason Martin
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

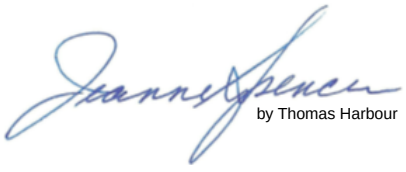
Dear Jason,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the National Voluntary Laboratory Accreditation Program (NVLAP), Lab Code 101896-0 for Transmission Electron Microscopy (TEM) and Polarized Light Microscopy (PLM) analysis and the American Industrial Hygiene Association (AIHA), Lab ID 101533 - Accreditation Certificate #480 for Phase Contrast Microscopy (PCM) analysis. This laboratory is currently proficient in both Proficiency Testing and PAT programs respectively.

Reservoirs Environmental, Inc. has analyzed the following samples for asbestos content as per your request. The analysis has been completed in general accordance with the appropriate methodology as stated in the attached analysis table. The results have been submitted to your office.

RES 459663-1 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,


by Thomas Harbour

Jeanne Spencer
President

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 459663-1**
Client: **Foothills Environmental, Inc. (Lakewood)**
Client Project Number / P.O.: **AS20003-2**
Client Project Description: **CDOT Rangely**
Date Samples Received: **March 26, 2020**
Method: **EPA 600/R-93/116 - Short Report, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **March 26, 2020 - March 27, 2020**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
CDW1-1	A	Off white tape	5		ND	90	10
	B	White texture w/ off white/multi-colored paint	10		ND	0	100
	C	White joint compound	10		ND	0	100
	D	Off white/tan drywall	75		ND	17	83
CDW1-2	A	Off white tape	5		ND	90	10
	B	White joint compound	5		ND	0	100
	C	White texture w/ off white/multi-colored paint	10		ND	0	100
	D	Off white/tan drywall	80		ND	18	82
TEX1-1	A	White texture w/ off white/multi-colored paint	40		ND	0	100
	B	Tan/off white drywall	60		ND	65	35
TEX1-2	A	White texture w/ off white/multi-colored paint	35		ND	0	100
	B	Tan/off white drywall	65		ND	50	50
TEX1-3	A	White texture w/ off white/multi-colored paint	25		ND	0	100
	B	Off white/tan drywall	75		ND	40	60

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 459663-1**
Client: **Foothills Environmental, Inc. (Lakewood)**
Client Project Number / P.O.: **AS20003-2**
Client Project Description: **CDOT Rangely**
Date Samples Received: **March 26, 2020**
Method: **EPA 600/R-93/116 - Short Report, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **March 26, 2020 - March 27, 2020**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
DM1-1	A	Gray resinous material	100		**ND**	0	100
DM1-2	A	Gray resinous material	100		**ND**	0	100
INS1-1	A	Black insulation	100		**ND**	95	5
INS1-2	A	Off white insulation	100		**ND**	95	5
CBG1-1	A	Gray cove base w/ tan adhesive	100		**ND**	0	100
CBG1-2	A	Gray cove base w/ tan adhesive	100		**ND**	0	100
CK1-1	A	Red caulk	100		**ND**	0	100
CK1-2	A	Red caulk	100		**ND**	0	100
CK2-1	A	White caulk w/ off white/tan paint	100		**ND**	0	100
CK2-2	A	White caulk w/ off white/tan paint	100		**ND**	0	100
ECK1-1	A	Silver caulk	100		**ND**	0	100
ECK1-2	A	Silver caulk	100		**ND**	0	100
ECK2-1	A	White caulk	100		**ND**	0	100
ECK2-2	A	White caulk	100		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 459663-1**
Client: **Foothills Environmental, Inc. (Lakewood)**
Client Project Number / P.O.: **AS20003-2**
Client Project Description: **CDOT Rangely**
Date Samples Received: **March 26, 2020**
Method: **EPA 600/R-93/116 - Short Report, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **March 26, 2020 - March 27, 2020**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
ECK2-3	A	White caulk	100		**ND**	0	100
EJ1-1	A	Black/multi-colored fibrous material	100		**ND**	80	20
EJ1-2	A	Brown/multi-colored fibrous material	100		**ND**	85	15
SF1-1	A	Black resinous material w/ a trace of off white/silver paint	100		**ND**	0	100
SF1-2	A	Black resinous material w/ a trace of off white/silver paint	100		**ND**	0	100
SF2-1	A	Black resinous material w/ a trace of off white/silver paint	100		**ND**	0	100
SF2-2	A	Black resinous material w/ a trace of off white paint	100		**ND**	0	100
SF3-1	A	Black resinous material w/ a trace of off white/silver paint	100		**ND**	0	100
SF3-2	A	Black resinous material w/ off white/silver material	100		**ND**	0	100
ECK3-1	A	Gray caulk	100		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 459663-1**
Client: **Foothills Environmental, Inc. (Lakewood)**
Client Project Number / P.O.: **AS20003-2**
Client Project Description: **CDOT Rangely**
Date Samples Received: **March 26, 2020**
Method: **EPA 600/R-93/116 - Short Report, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **March 26, 2020 - March 27, 2020**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
ECK3-2	A	Gray caulk	100		**ND**	0	100
ECK4-1	A	Gray caulk	100		**ND**	0	100
ECK4-2	A	Gray caulk	100		**ND**	0	100
BM1-1	A	Brown/colorless caulk	25		**ND**	0	100
	B	Black fibrous tar	75		**ND**	12	88
BM1-2	A	Black fibrous tar	100		**ND**	12	88
FS1-1	A	Black tar	100		**ND**	4	96
FS1-2	A	Tan powder	10		**ND**	0	100
	B	Black tar	90		**ND**	5	95
EJC1-1	A	White resinous material	10		**ND**	0	100
	B	Gray resinous material	90		**ND**	0	100
EJC1-2	A	White resinous material	8		**ND**	0	100
	B	Gray resinous material	92		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

RESERVOIRS ENVIRONMENTAL INC.

NVLAP Lab Code 101896-0

TABLE: PLM BULK ANALYSIS, PERCENTAGE COMPOSITION BY VOLUME

RES Job Number: **RES 459663-1**
Client: **Foothills Environmental, Inc. (Lakewood)**
Client Project Number / P.O.: **AS20003-2**
Client Project Description: **CDOT Rangely**
Date Samples Received: **March 26, 2020**
Method: **EPA 600/R-93/116 - Short Report, Bulk**
Turnaround: **Standard**
Date Samples Analyzed: **March 26, 2020 - March 27, 2020**

ND=None Detected
TR=Trace, <1% Visual Estimate
Trem/Act=Tremolite/Actinolite

Client Sample Number	LAYER	Physical Description	Sub Part (%)	Asbestos Content: Mineral	Asbestos Content: Visual Estimate (%)	Non Asbestos Fibrous Components (%)	Non-Fibrous Components (%)
EJC1-3	A	White resinous material	12		**ND**	0	100
	B	Gray resinous material	88		**ND**	0	100

TEM Analysis recommended for organically bound material (i.e. floor tile) if PLM results are <1%.

Emily R. Giddens — Analyst
Josh E. Baker — Analyst
John C. McIntyre — Analyst
Tyler Hutchinson — Analyst
Thomas Harbour — Data QA

Reservoirs Environmental, Inc.

RES Job #: 459663

SUBMITTED BY		INVOICE TO		CONTACT INFORMATION		SERIES
Company:	FOOTHILLS ENVIRONMENTAL, INC. (LAKEWO ...	Company:	FOOTHILLS ENVIRONMENTAL, INC. (LAKEWO ...	Contact:	JASON MARTIN	-1 PLM STANDARD
Address:	11099 W. 8TH AVENUE	Address:	11099 W. 8TH AVENUE	Phone:	(720) 837-7312	-2 CHEM STANDARD
				Fax:		-3 CHEM STANDARD
	LAKEWOOD, CO 80215		LAKEWOOD, CO 80215	Cell:		
Project Number and/or P.O. #:	AS20003-2			Final Data Deliverable Email Address:		
Project Description/Location:	CDOT RANGELY			JASON@FOOTHILLSUSA.COM (+ 1 ADDNL. CONTACTS)		

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm

PLM / PCM / TEM — DTL RUSH PRIORITY STANDARD

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Dust — RUSH PRIORITY STANDARD

Metals — RUSH PRIORITY STANDARD

*PRIOR NOTICE REQUIRED FOR SAME DAY TAT

Organics* — SAME DAY RUSH PRIORITY STANDARD

MICROBIOLOGY LABORATORY HOURS: Weekdays: 8am - 5pm

Viable Analysis** — PRIORITY STANDARD

**TAT DEPENDENT ON SPEED OF MICROBIAL GROWTH

Medical Device Analysis — RUSH STANDARD

Mold Analysis — RUSH PRIORITY STANDARD

****Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.****

Special Instructions:

REQUESTED ANALYSIS

- **PLM** - Short Report, Long Report, CARB 435
- **TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-
- **PCM** - 7400A, 7400B, OSHA
- **DUST** - Total, Respirable
- **METALS** - Analyte(s), Pb, Lead Only (7082, 7420, 6020A, 200.8, Waste Water, Foodware), Multi Metal (7303, 200.8, Waste Water, Foodware), pH (Liquid, Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan
- **ORGANICS** - Methamphetamine, TSS
- **Viables**: Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E. coli O157:H7, E. coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E. coli (State Water, Drinking Water, Non-Drinking Water, +/-, Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)
- **MEDICAL** - Bioburden, LAL
- **MOLD** - Spore Trap, Bulk Mold, Particulate Identification

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Food = F
Paint = P	Soil = S
Surface = SU	Swab = SW
Tape = T	Wipe = W
Drinking Water = DW	
Waste Water = WW	
ASTM E1792 approved wipe media only	

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS	CHEMISTRY					MICROBIOLOGY			Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
1 CDW1-1	X											B		03/26/20		
2 CDW1-2	X											B		03/26/20		
3 TEX1-1	X											B		03/26/20		
4 TEX1-2	X											B		03/26/20		
5 TEX1-3	X											B		03/26/20		
6 DM1-1	X											B		03/26/20		PROG(A)
7 DM1-2	X											B		03/26/20		PROG(A)
8 INS1-1	X											B		03/26/20		PROG(B)
9 INS1-2	X											B		03/26/20		PROG(B)
10 CBG1-1	X											B		03/26/20		PROG(C)
11 CBG1-2	X											B		03/26/20		PROG(C)
12 CK1-1	X											B		03/26/20		PROG(D)
13 CK1-2	X											B		03/26/20		PROG(D)

REI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall consitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:		JASON MARTIN	Date/Time: 03/26/2020 17:42:48	Sample Condition: ACCEPTABLE - INTACT
Received By:		HANNA MARTI	Date/Time: 03/26/2020 17:43:12	Carrier: HAND

Reservoirs Environmental, Inc.

Res Job#: **459663**

Submitted By: **FOOTHILLS ENVIRONMENTAL, INC. (LAKEWOOD)**

		REQUESTED ANALYSIS										VALID MATRIX CODES						LAB NOTES
		PLM - Short Report, Long Report, CARB 435	**TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-	**PCM** - 7400A, 7400B, OSHA	**DUST** - Total, Respirable	**METALS** - Analyte(s), Pb, Lead Only (7082, 7420), Waste Water, Foodware), Multi Metal (7303, 6020A, 200.8, Waste Water, Foodware), pH (Liquid, Non-Liquid), RCRA 8 Scan, Welding Fume Scan, Full Metals Scan, TCLP	**ORGANICS** - Methamphetamine, TSS	Viables: Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E.coli (State Water, Drinking Water, Non-Drinking Water, +/- Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)	**MEDICAL** - Bioburden, LAL	**MOLD** - Spore Trap, Bulk Mold, Particulate Identification	Air = A; Bulk = B; Dust = D; Food = F; Paint = P; Soil = S; Surface = SU; Swab = SW; Tape = T; Wipe = W; Drinking Water = DW; Waste Water = WW; **ASTM E1792 approved wipe media only**	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
	Client Sample ID Number (Sample ID's must be unique)	**ASBESTOS**			**CHEMISTRY**			**MICROBIOLOGY**										
14	CK2-1	X												B		03/26/20		PROG(E)
15	CK2-2	X												B		03/26/20		PROG(E)
16	ECK1-1	X												B		03/26/20		PROG(F)
17	ECK1-2	X												B		03/26/20		PROG(F)
18	ECK2-1	X												B		03/26/20		PROG(G)
19	ECK2-2	X												B		03/26/20		PROG(G)
20	ECK2-3	X												B		03/26/20		PROG(G)
21	EJ1-1	X												B		03/26/20		PROG(H)
22	EJ1-2	X												B		03/26/20		PROG(H)
23	SF1-1	X												B		03/26/20		PROG(I)
24	SF1-2	X												B		03/26/20		PROG(I)
25	SF2-1	X												B		03/26/20		PROG(J)
26	SF2-2	X												B		03/26/20		PROG(J)
27	SF3-1	X												B		03/26/20		PROG(K)
28	SF3-2	X												B		03/26/20		PROG(K)
29	ECK3-1	X												B		03/26/20		PROG(L)
30	ECK3-2	X												B		03/26/20		PROG(L)
31	ECK4-1	X												B		03/26/20		PROG(M)
32	ECK4-2	X												B		03/26/20		PROG(M)
33	BM1-1	X												B		03/26/20		PROG(N)
34	BM1-2	X												B		03/26/20		PROG(N)
35	FS1-1	X												B		03/26/20		PROG(O)
36	FS1-2	X												B		03/26/20		PROG(O)
37	EJC1-1	X												B		03/26/20		PROG(P)
38	EJC1-2	X												B		03/26/20		PROG(P)
39	EJC1-3	X												B		03/26/20		PROG(P)
40	PB1-1					X								P		03/26/20		
41	PB2-1					X								P		03/26/20		
42	PB3-1					X								P		03/26/20		
43	PB4-1					X								P		03/26/20		

Reservoirs Environmental, Inc.

Res Job#: **459663**

Submitted By: **FOOTHILLS ENVIRONMENTAL, INC. (LAKEWOOD)**

REQUESTED ANALYSIS

VALID MATRIX CODES

Air = A | Bulk = B
Dust = D | Food = F
Paint = P | Soil = S
Surface = SU | Swab = SW
Tape = T | Wipe = W
Drinking Water = DW
Waste Water = WW
ASTM E1792 approved wipe media only

LAB NOTES

Client Sample ID Number (Sample ID's must be unique)	**PLM** - Short Report, Long Report, CARB 435	**TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-	**PCM** - 7400A, 7400B, OSHA	**DUST** - Total, Respirable	**METALS** - Analyte(s) [Pb, Lead Only (7082, 7420, 6020), 200.8, Waste Water, Foodware), Multi Metal (7303, Waste Water, Foodware), pH (Liquid, Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan	**ORGANICS** - Methamphetamine, TSS	**Viables** Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E.coli (State Water, Drinking Water, Non-Drinking Water, +/- Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)	**MEDICAL** - Bioburden, LAL	**MOLD** - Spore Trap, Bulk Mold, Particulate Identification	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	**Laboratory Analysis Instructions**
	ASBESTOS			**CHEMISTRY**			**MICROBIOLOGY**									
44 **PB5-1**					X							P		03/26/20		
45 **TCLP1-1**					X							B		03/26/20		NA

Reservoirs Environmental, Inc.

April 01, 2020

Subcontractor Number:
Laboratory Report: **RES 459663-2**
Project #/P.O. #: **AS20003-2**
Project Description: **CDOT Rangely**

Jason Martin
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Jason,

Reservoirs Environmental, Inc. is an analytical laboratory accredited for the analysis of Industrial Hygiene and Environmental matrices by the American Industrial Hygiene Association, Lab ID 101533 - Accreditation Certificate #480. The laboratory is currently proficient in both IHPAT & ELPAT programs respectively.

Reservoirs has analyzed the following sample(s) using Atomic Absorption Spectroscopy (AAS) / Atomic Emission Spectroscopy - Mass Spectrometry (ICP-MS) per your request. Reported sample results were not blank corrected. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 459663-2 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

Robin S Klover
by Jeff Green

Robin Klover
Vice President

RESERVOIRS ENVIRONMENTAL, INC

NVLAP Lab Code 101896-0
AIHA Certificate of Accreditation #480 LAB ID 101533

TABLE: I ANALYSIS: LEAD IN PAINT

RES Job Number:	**RES 459663-2**
Client:	**Foothills Environmental, Inc. (Lakewood)**
Client Project/P.O.:	**AS20003-2**
Client Project Description:	**CDOT Rangely**
Date Samples Received:	**March 26, 2020**
Analysis Type:	**REI CHEMISTRY SOP / USEPA SW846 3050B/7420-M**
Turnaround:	**Standard**
Date Samples Analyzed:	**March 28, 2020**

NA = Not Analyzed
NR = Not Received
ND = None Detected
BAS = Below Analytical Sensitivity
BRL = Below Reporting Limit

Client ID Number	Reporting Limit (%)	LEAD CONCENTRATION (%)
Pb1-1	0.0040	BRL
Pb2-1	0.0029	BRL
Pb3-1	0.0045	0.011
Pb4-1	0.0049	BRL
Pb5-1	0.0056	BRL

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory

Jeff Green
Analyst/Data QA

Reservoirs Environmental, Inc.

RES Job #: 459663

SUBMITTED BY		INVOICE TO		CONTACT INFORMATION		SERIES
Company:	FOOTHILLS ENVIRONMENTAL, INC. (LAKEWO ...	Company:	FOOTHILLS ENVIRONMENTAL, INC. (LAKEWO ...	Contact:	JASON MARTIN	-1 PLM STANDARD
Address:	11099 W. 8TH AVENUE	Address:	11099 W. 8TH AVENUE	Phone:	(720) 837-7312	-2 CHEM STANDARD
				Fax:		-3 CHEM STANDARD
	LAKEWOOD, CO 80215		LAKEWOOD, CO 80215	Cell:		
Project Number and/or P.O. #:	AS20003-2			Final Data Deliverable Email Address:		
Project Description/Location:	CDOT RANGELY			JASON@FOOTHILLSUSA.COM (+ 1 ADDNL. CONTACTS)		

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm

PLM / PCM / TEM — DTL RUSH PRIORITY STANDARD

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Dust — RUSH PRIORITY STANDARD

Metals — RUSH PRIORITY STANDARD

*PRIOR NOTICE REQUIRED FOR SAME DAY TAT

Organics* — SAME DAY RUSH PRIORITY STANDARD

MICROBIOLOGY LABORATORY HOURS: Weekdays: 8am - 5pm

Viable Analysis** — PRIORITY STANDARD

**TAT DEPENDENT ON SPEED OF MICROBIAL GROWTH

Medical Device Analysis — RUSH STANDARD

Mold Analysis — RUSH PRIORITY STANDARD

****Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.****

Special Instructions:

REQUESTED ANALYSIS

- **PLM** - Short Report, Long Report, CARB 435
- **TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-
- **PCM** - 7400A, 7400B, OSHA
- **DUST** - Total, Respirable
- **METALS** - Analyte(s), Pb, Lead Only (7082, 7420, 6020A, 200.8, Waste Water, Foodware), Multi Metal (7303, 200.8, Waste Water, Foodware), pH (Liquid, Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan
- **ORGANICS** - Methamphetamine, TSS
- **Viables**: Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E. coli O157:H7, E. coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E. coli (State Water, Drinking Water, Non-Drinking Water, +/-, Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)
- **MEDICAL** - Bioburden, LAL
- **MOLD** - Spore Trap, Bulk Mold, Particulate Identification

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Food = F
Paint = P	Soil = S
Surface = SU	Swab = SW
Tape = T	Wipe = W
Drinking Water = DW	
Waste Water = WW	
ASTM E1792 approved wipe media only	

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS	CHEMISTRY					MICROBIOLOGY			Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
1 CDW1-1	X											B		03/26/20		
2 CDW1-2	X											B		03/26/20		
3 TEX1-1	X											B		03/26/20		
4 TEX1-2	X											B		03/26/20		
5 TEX1-3	X											B		03/26/20		
6 DM1-1	X											B		03/26/20		PROG(A)
7 DM1-2	X											B		03/26/20		PROG(A)
8 INS1-1	X											B		03/26/20		PROG(B)
9 INS1-2	X											B		03/26/20		PROG(B)
10 CBG1-1	X											B		03/26/20		PROG(C)
11 CBG1-2	X											B		03/26/20		PROG(C)
12 CK1-1	X											B		03/26/20		PROG(D)
13 CK1-2	X											B		03/26/20		PROG(D)

REI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall consitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:		JASON MARTIN	Date/Time: 03/26/2020 17:42:48	Sample Condition: ACCEPTABLE - INTACT
Received By:		HANNA MARTI	Date/Time: 03/26/2020 17:43:12	Carrier: HAND

Reservoirs Environmental, Inc.

Res Job#: **459663**

Submitted By: **FOOTHILLS ENVIRONMENTAL, INC. (LAKEWOOD)**

		REQUESTED ANALYSIS										VALID MATRIX CODES						LAB NOTES
		PLM - Short Report, Long Report, CARB 435	**TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-	**PCM** - 7400A, 7400B, OSHA	**DUST** - Total, Respirable	**METALS** - Analyte(s), Pb, Lead Only (7082, 7420), Waste Water, Foodware), Multi Metal (7303, 6020A, 200.8, Waste Water, Foodware), pH (Liquid, Non-Liquid), RCRA 8 Scan, Welding Fume Scan, Full Metals Scan, TCLP	**ORGANICS** - Methamphetamine, TSS	Viables: Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E.coli (State Water, Drinking Water, Non-Drinking Water, +/- Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)	**MEDICAL** - Bioburden, LAL	**MOLD** - Spore Trap, Bulk Mold, Particulate Identification	Air = A; Bulk = B; Dust = D; Food = F; Paint = P; Soil = S; Surface = SU; Swab = SW; Tape = T; Wipe = W; Drinking Water = DW; Waste Water = WW; **ASTM E1792 approved wipe media only**	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
	Client Sample ID Number (Sample ID's must be unique)	**ASBESTOS**			**CHEMISTRY**			**MICROBIOLOGY**										
14	CK2-1	X												B		03/26/20		PROG(E)
15	CK2-2	X												B		03/26/20		PROG(E)
16	ECK1-1	X												B		03/26/20		PROG(F)
17	ECK1-2	X												B		03/26/20		PROG(F)
18	ECK2-1	X												B		03/26/20		PROG(G)
19	ECK2-2	X												B		03/26/20		PROG(G)
20	ECK2-3	X												B		03/26/20		PROG(G)
21	EJ1-1	X												B		03/26/20		PROG(H)
22	EJ1-2	X												B		03/26/20		PROG(H)
23	SF1-1	X												B		03/26/20		PROG(I)
24	SF1-2	X												B		03/26/20		PROG(I)
25	SF2-1	X												B		03/26/20		PROG(J)
26	SF2-2	X												B		03/26/20		PROG(J)
27	SF3-1	X												B		03/26/20		PROG(K)
28	SF3-2	X												B		03/26/20		PROG(K)
29	ECK3-1	X												B		03/26/20		PROG(L)
30	ECK3-2	X												B		03/26/20		PROG(L)
31	ECK4-1	X												B		03/26/20		PROG(M)
32	ECK4-2	X												B		03/26/20		PROG(M)
33	BM1-1	X												B		03/26/20		PROG(N)
34	BM1-2	X												B		03/26/20		PROG(N)
35	FS1-1	X												B		03/26/20		PROG(O)
36	FS1-2	X												B		03/26/20		PROG(O)
37	EJC1-1	X												B		03/26/20		PROG(P)
38	EJC1-2	X												B		03/26/20		PROG(P)
39	EJC1-3	X												B		03/26/20		PROG(P)
40	PB1-1					X								P		03/26/20		
41	PB2-1					X								P		03/26/20		
42	PB3-1					X								P		03/26/20		
43	PB4-1					X								P		03/26/20		

Reservoirs Environmental, Inc.

Res Job#: **459663**

Submitted By: **FOOTHILLS ENVIRONMENTAL, INC. (LAKEWOOD)**

REQUESTED ANALYSIS

VALID MATRIX CODES

Air = A | Bulk = B
Dust = D | Food = F
Paint = P | Soil = S
Surface = SU | Swab = SW
Tape = T | Wipe = W
Drinking Water = DW
Waste Water = WW
ASTM E1792 approved wipe media only

LAB NOTES

Client Sample ID Number (Sample ID's must be unique)	**PLM** - Short Report, Long Report, CARB 435	**TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-	**PCM** - 7400A, 7400B, OSHA	**DUST** - Total, Respirable	**METALS** - Analyte(s) [Pb, Lead Only (7082, 7420, 6020), 200.8, Waste Water, Foodware), Multi Metal (7303, Waste Water, Foodware), pH (Liquid, Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan	**ORGANICS** - Methamphetamine, TSS	**Viables** Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E.coli (State Water, Drinking Water, Non-Drinking Water, +/- Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)	**MEDICAL** - Bioburden, LAL	**MOLD** - Spore Trap, Bulk Mold, Particulate Identification	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	**Laboratory Analysis Instructions**
	ASBESTOS			**CHEMISTRY**			**MICROBIOLOGY**									
44 **PB5-1**					X							P		03/26/20		
45 **TCLP1-1**					X							B		03/26/20		NA

REI LAB **Reservoirs Environmental, Inc.**

April 06, 2020

Subcontractor Number:
Laboratory Report: **RES 459663-3**
Project #/P.O. #: **AS20003-2**
Project Description: **CDOT Rangely**

Jason Martin
Foothills Environmental, Inc. (Lakewood)
11099 W. 8th Avenue
Lakewood CO 80215

Dear Jason,

Reservoirs has analyzed the following sample(s) using Atomic Absorption Spectroscopy (AAS) / Atomic Emission Spectroscopy - Inductively Coupled Plasma (AES-ICP) per your request. Reported sample results were not blank corrected. The analysis has been completed in general accordance with the appropriate methodology as stated in the analysis table. Results have been sent to your office.

RES 459663-3 is the job number assigned to this study. This report is considered highly confidential and the sole property of the customer. Reservoirs Environmental, Inc. will not discuss any part of this study with personnel other than those of the client. The results described in this report only apply to the samples analyzed. This report must not be used to claim endorsement of products or analytical results by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without written approval from Reservoirs Environmental, Inc. Samples will be disposed of after sixty days unless longer storage is requested. If you have any questions about this report, please feel free to call 303-964-1986.

Sincerely,

Robin S Klover
by Jeff Green

Robin Klover
Vice President

RESERVOIRS ENVIRONMENTAL, INC

NVLAP Lab Code 101896-0
AIHA Certificate of Accreditation #480 LAB ID 101533

TABLE: I ANALYSIS: LEAD VIA TCLP EXTRACTION

RES Job Number:	**RES 459663-3**
Client:	**Foothills Environmental, Inc. (Lakewood)**
Client Project/P.O.:	**AS20003-2**
Client Project Description:	**CDOT Rangely**
Date Samples Received:	**March 26, 2020**
Analysis Type:	**REI CHEMISTRY SOP / USEPA SW846 1311/3011A/7420-M**
Turnaround:	**Rush**
Date Samples Analyzed:	**April 06, 2020**

NA = Not Analyzed
NR = Not Received
ND = None Detected
BAS = Below Analytical Sensitivity
BRL = Below Reporting Limit

Client ID Number	Reporting Limit (mg/L)	LEAD CONCENTRATION (mg/L)
TCLP1-1	0.25	BRL

* Unless otherwise noted all quality control samples performed within specifications established by the laboratory

Jeff Green
Analyst/Data QA

Reservoirs Environmental, Inc.

RES Job #: 459663

SUBMITTED BY		INVOICE TO		CONTACT INFORMATION		SERIES
Company:	FOOTHILLS ENVIRONMENTAL, INC. (LAKEWO ...	Company:	FOOTHILLS ENVIRONMENTAL, INC. (LAKEWO ...	Contact:	JASON MARTIN	-1 PLM STANDARD
Address:	11099 W. 8TH AVENUE	Address:	11099 W. 8TH AVENUE	Phone:	(720) 837-7312	-2 CHEM STANDARD
				Fax:		-3 CHEM STANDARD
	LAKEWOOD, CO 80215		LAKEWOOD, CO 80215	Cell:		
Project Number and/or P.O. #:	AS20003-2			Final Data Deliverable Email Address:		
Project Description/Location:	CDOT RANGELY			JASON@FOOTHILLSUSA.COM (+ 1 ADDNL. CONTACTS)		

ASBESTOS LABORATORY HOURS: Weekdays: 7am - 7pm & Sat. 8am - 5pm

PLM / PCM / TEM — DTL RUSH PRIORITY STANDARD

CHEMISTRY LABORATORY HOURS: Weekdays: 8am - 5pm

Dust — RUSH PRIORITY STANDARD

Metals — RUSH PRIORITY STANDARD

*PRIOR NOTICE REQUIRED FOR SAME DAY TAT

Organics* — SAME DAY RUSH PRIORITY STANDARD

MICROBIOLOGY LABORATORY HOURS: Weekdays: 8am - 5pm

Viable Analysis** — PRIORITY STANDARD

**TAT DEPENDENT ON SPEED OF MICROBIAL GROWTH

Medical Device Analysis — RUSH STANDARD

Mold Analysis — RUSH PRIORITY STANDARD

****Turnaround times establish a laboratory priority, subject to laboratory volume and are not guaranteed. Additional fees apply for afterhours, weekends and holidays.****

Special Instructions:

REQUESTED ANALYSIS

- **PLM** - Short Report, Long Report, CARB 435
- **TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-
- **PCM** - 7400A, 7400B, OSHA
- **DUST** - Total, Respirable
- **METALS** - Analyte(s), Pb, Lead Only (7082, 7420, 6020A, 200.8, Waste Water, Foodware), Multi Metal (7303, 200.8, Waste Water, Foodware), pH (Liquid, Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan
- **ORGANICS** - Methamphetamine, TSS
- **Viables**: Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E. coli O157:H7, E. coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E. coli (State Water, Drinking Water, Non-Drinking Water, +/-, Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)
- **MEDICAL** - Bioburden, LAL
- **MOLD** - Spore Trap, Bulk Mold, Particulate Identification

VALID MATRIX CODES

Air = A	Bulk = B
Dust = D	Food = F
Paint = P	Soil = S
Surface = SU	Swab = SW
Tape = T	Wipe = W
Drinking Water = DW	
Waste Water = WW	
ASTM E1792 approved wipe media only	

Client Sample ID Number (Sample ID's must be unique)	ASBESTOS	CHEMISTRY					MICROBIOLOGY			Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
1 CDW1-1	X											B		03/26/20		
2 CDW1-2	X											B		03/26/20		
3 TEX1-1	X											B		03/26/20		
4 TEX1-2	X											B		03/26/20		
5 TEX1-3	X											B		03/26/20		
6 DM1-1	X											B		03/26/20		PROG(A)
7 DM1-2	X											B		03/26/20		PROG(A)
8 INS1-1	X											B		03/26/20		PROG(B)
9 INS1-2	X											B		03/26/20		PROG(B)
10 CBG1-1	X											B		03/26/20		PROG(C)
11 CBG1-2	X											B		03/26/20		PROG(C)
12 CK1-1	X											B		03/26/20		PROG(D)
13 CK1-2	X											B		03/26/20		PROG(D)

REI will analyze incoming samples based on information received and will not be responsible for errors or omissions in calculations resulting from the inaccuracy of original data. By signing, client/company representative agrees that submission of the following samples for requested analysis as indicated on this Chain of Custody shall consitute an analytical services agreement with payment terms of NET 30 days. Failure to comply with payment terms may result in a 1.5% monthly interest surcharge.

Relinquished By:		JASON MARTIN	Date/Time: 03/26/2020 17:42:48	Sample Condition: ACCEPTABLE - INTACT
Received By:		HANNA MARTI	Date/Time: 03/26/2020 17:43:12	Carrier: HAND

Reservoirs Environmental, Inc.

Res Job#: **459663**

Submitted By: **FOOTHILLS ENVIRONMENTAL, INC. (LAKEWOOD)**

		REQUESTED ANALYSIS										VALID MATRIX CODES						LAB NOTES
		PLM - Short Report, Long Report, CARB 435	**TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-	**PCM** - 7400A, 7400B, OSHA	**DUST** - Total, Respirable	**METALS** - Analyte(s), Pb, Lead Only (7082, 7420), Waste Water, Foodware), Multi Metal (7303, 6020A, 200.8, Waste Water, Foodware), pH (Liquid, Non-Liquid), RCRA 8 Scan, Welding Fume Scan, Full Metals Scan, TCLP	**ORGANICS** - Methamphetamine, TSS	Viables: Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E.coli (State Water, Drinking Water, Non-Drinking Water, +/- Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)	**MEDICAL** - Bioburden, LAL	**MOLD** - Spore Trap, Bulk Mold, Particulate Identification	Air = A; Bulk = B; Dust = D; Food = F; Paint = P; Soil = S; Surface = SU; Swab = SW; Tape = T; Wipe = W; Drinking Water = DW; Waste Water = WW; **ASTM E1792 approved wipe media only**	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	Laboratory Analysis Instructions
	Client Sample ID Number (Sample ID's must be unique)	**ASBESTOS**			**CHEMISTRY**			**MICROBIOLOGY**										
14	CK2-1	X												B		03/26/20		PROG(E)
15	CK2-2	X												B		03/26/20		PROG(E)
16	ECK1-1	X												B		03/26/20		PROG(F)
17	ECK1-2	X												B		03/26/20		PROG(F)
18	ECK2-1	X												B		03/26/20		PROG(G)
19	ECK2-2	X												B		03/26/20		PROG(G)
20	ECK2-3	X												B		03/26/20		PROG(G)
21	EJ1-1	X												B		03/26/20		PROG(H)
22	EJ1-2	X												B		03/26/20		PROG(H)
23	SF1-1	X												B		03/26/20		PROG(I)
24	SF1-2	X												B		03/26/20		PROG(I)
25	SF2-1	X												B		03/26/20		PROG(J)
26	SF2-2	X												B		03/26/20		PROG(J)
27	SF3-1	X												B		03/26/20		PROG(K)
28	SF3-2	X												B		03/26/20		PROG(K)
29	ECK3-1	X												B		03/26/20		PROG(L)
30	ECK3-2	X												B		03/26/20		PROG(L)
31	ECK4-1	X												B		03/26/20		PROG(M)
32	ECK4-2	X												B		03/26/20		PROG(M)
33	BM1-1	X												B		03/26/20		PROG(N)
34	BM1-2	X												B		03/26/20		PROG(N)
35	FS1-1	X												B		03/26/20		PROG(O)
36	FS1-2	X												B		03/26/20		PROG(O)
37	EJC1-1	X												B		03/26/20		PROG(P)
38	EJC1-2	X												B		03/26/20		PROG(P)
39	EJC1-3	X												B		03/26/20		PROG(P)
40	PB1-1					X								P		03/26/20		
41	PB2-1					X								P		03/26/20		
42	PB3-1					X								P		03/26/20		
43	PB4-1					X								P		03/26/20		

Reservoirs Environmental, Inc.

Res Job#: **459663**

Submitted By: **FOOTHILLS ENVIRONMENTAL, INC. (LAKEWOOD)**

REQUESTED ANALYSIS

VALID MATRIX CODES

Air = A | Bulk = B
Dust = D | Food = F
Paint = P | Soil = S
Surface = SU | Swab = SW
Tape = T | Wipe = W
Drinking Water = DW
Waste Water = WW
ASTM E1792 approved wipe media only

LAB NOTES

Client Sample ID Number (Sample ID's must be unique)	**PLM** - Short Report, Long Report, CARB 435	**TEM** - AHERA, (+/- or Quantified), Microvac (+/- or Quantified), Wipe (+/- or Quantified), NIOSH 7402, Yamate Level II, ISO 10312, ISO 13794, Chatfield, Waste Water, Drinking Water, Bulk +/-	**PCM** - 7400A, 7400B, OSHA	**DUST** - Total, Respirable	**METALS** - Analyte(s) [Pb, Lead Only (7082, 7420, 6020), 200.8, Waste Water, Foodware), Multi Metal (7303, Waste Water, Foodware), pH (Liquid, Non-Liquid), TCLP, RCRA 8 Scan, Welding Fume Scan, Full Metals Scan	**ORGANICS** - Methamphetamine, TSS	**Viables** Campylobacter, Bacillus, Salmonella (Culturable, 1-2), Listeria, E.coli O157:H7, E.coli/Coliforms - Plated, S. aureus, Yeast & Mold, Areobic Plate Count, Coliforms/E.coli (State Water, Drinking Water, Non-Drinking Water, +/- Quantification), Lactic Acid, Viable Microbioal Count (wo/ID, w/ID), Enterococcus (+/- or Quantification)	**MEDICAL** - Bioburden, LAL	**MOLD** - Spore Trap, Bulk Mold, Particulate Identification	Sample Volume (L) / Area	Length(or Aliquots) x Width(or Area per Aliquot)	Matrix Code	# of Containers	Date Collected mm/dd/yy	Time Collected hh:mm	**Laboratory Analysis Instructions**
	ASBESTOS			**CHEMISTRY**			**MICROBIOLOGY**									
44 **PB5-1**					X							P		03/26/20		
45 **TCLP1-1**					X							B		03/26/20		NA

Appendix C

Photographs

Sample: CDW1-1 - Composite drywall, joint compound and surface texture (orange peel)
Result: Non-Detect

Sample: INS1-1 - Insulation, fiberglass
Result: Non-Detect

Sample: TEX1-1 - Drywall surface texture (orange peel)
Result: Non-Detect

Sample: CBG1-1 - Vinyl cove base, 4” gray with tan mastic
Result: Non-Detect

Sample: DM1-1 - Duct mastic, gray
Result: Non-Detect

Sample: CK1-1 - Caulk, red
Result: Non-Detect

Sample: CK1-1 - Caulk, white
Result: Non-Detect


Sample: EJ1-1 - Expansion joint material
Result: Non-Detect

Sample: ECK1-1 - Exterior caulk, silver
Result: Non-Detect

Sample: SF1-2 - Screw flashing
Result: Non-Detect

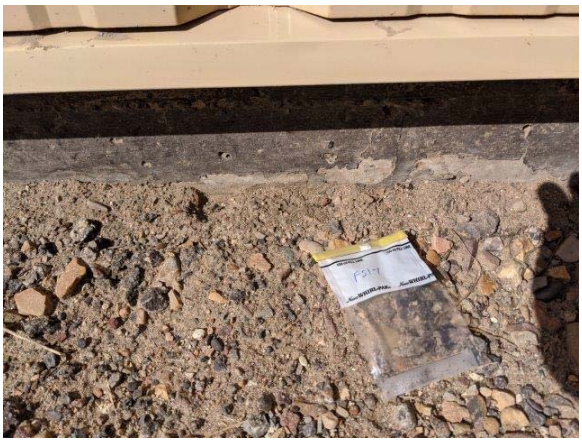
Sample: ECK2-1 - Exterior caulk, white
Result: Non-Detect

Sample: SF2-1 - Screw flashing
Result: Non-Detect

Sample: SF3-1 - Screw flashing
Result: Non-Detect

Sample: BM1-1 - Black roofing mastic
Result: Non-Detect


Sample: ECK3-1 - Exterior caulk, butyl gray
Result: Non-Detect



Sample: FS1-1 - Foundation sealant, black
Result: Non-Detect

Sample: ECK4-1 - Exterior caulk, butyl gray
Result: Non-Detect

Sample: EJC1-1 - Expansion joint caulk, light gray
Result: Non-Detect

Appendix D

Certifications

Colorado Department
of Public Health
and Environment

ASBESTOS CONSULTING FIRM

This certifies that

Foothills Environmental, Inc.

Registration No.: ACF - 14925

has met the registration requirements of 25-7-507, C.R.S. and the Air Quality Control Commission Regulation No. 8, Part B, and is hereby authorized to perform asbestos consulting activities as required under Regulation No 8, Part B, in the state of Colorado.

Issued: January 29, 2020
Expires: January 30, 2021

Authorized APCD Representative

SEAL

Colorado Department
of Public Health
and Environment

Lead Evaluation Firm Certificate

This certifies that

Foothills Environmental, Inc.

LEF No.: 14927

has met the requirements of 25-7-1104, C.R.S. and Air Quality Control Commission Regulation No. 19, and is hereby certified by the state of Colorado to perform lead-based paint evaluation activities in the state of Colorado.

Issued: **August 21, 2019**

Expires: **August 21, 2020**

Authorized APCD Representative

SEAL

Colorado Department
of Public Health
and Environment

ASBESTOS CERTIFICATION*

This certifies that

Jason Martin

Certification No.: 16218

has met the requirements of 25-7-507, C.R.S. and Air Quality Control Commission Regulation No. 8, Part B, and is hereby certified by the state of Colorado in the following discipline:

Building Inspector*

Issued: **December 27, 2019**

Expires: **February 28, 2021**

**** This certificate is valid only with the possession of a current Division-approved training course certification in the discipline specified above.***

Authorized APCD Representative

SEAL

ACCLAIM ENVIRONMENTAL SERVICES INC

7959 Ulster Court, Thornton, Colorado 80602
Tel: 303.424.4647

CERTIFIES THAT

JASON MARTIN

Has successfully completed

The **EPA-Approved AHERA Annual Refresher Course** for **INSPECTOR**. This course is EPA-approved under Section 206 of the Toxic Substances Control Act (TSCA) and meets the requirements of Colorado Regulation No. 8.

Course Date:	12/04/19
Exam Date:	N/A
Certificate No.:	AE19-054-BI-R-02
Expiration Date:	12/04/20

K. Jay Gale, President

ABIH®

american board of industrial hygiene®

organized to improve the practice of industrial hygiene
proclaims that

Jason Allen Martin

having met all requirements of
education, experience and examination,
is hereby certified in the

COMPREHENSIVE PRACTICE
of
INDUSTRIAL HYGIENE

and has the right to use the designations

CERTIFIED INDUSTRIAL HYGIENIST

CIH

Certificate Number	**11461 CP**
Awarded:	**November 29, 2017**
Expiration Date:	**June 1, 2023**

Jeffrey R. Miller
Chair, ABIH

Chief Executive Officer, ABIH