



AM Asbestos
PO Box 910063
St George, UT 84791
(435) 467-1583

1772-F

ASBESTOS INSPECTION REPORT

July 13, 2013

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SCOPE OF WORK: *An asbestos inspection was performed for the purpose of demolition of two structures.*

SITE: USFS Vermillion Castle Guard Station, UT 84761

RESULTS: The inspection site is a single story wood frame structure on a cemented rock foundation and a concrete front porch area. There is a small empty crawl space under the wood flooring. The exterior measurements of the structure, including the 6' deep front porch are 30' X 16' for approximately 380 sq. ft. of interior space. There is no insulation in the walls or attic. The exterior walls are painted wood siding with a vapor barrier noted under the wood siding. The roof is covered with painted wood shingles. The interior walls are plaster. The floors are wood with two areas of sheet vinyl noted. As requested, samples were taken of paint for lead content testing. The burlap-backed vinyl flooring is Category II, in poor condition. There is a rock and cement outhouse with a wood shingle roof on the premises as well, measuring approximately 6' X 16' with painted interior wallboard walls. As requested by the Forest Service representative, nondestructive methods of testing were used, so only visible materials were tested or examined. Construction appears homogenous throughout the structure.

REQUEST BY: Steven O'Neil (435) 691-3753

SUSPECT ASBESTOS-CONTAINING MATERIALS THAT WILL BE REMOVED/DISTURBED:

- | | |
|--------------------------------------|-----------------------------|
| 1.) Plaster, approx. 1150 sq. ft. | <u>None detected</u> |
| 2.) Sheet vinyl, approx. 135 sq. ft. | <u>None detected</u> |

SAMPLES:

<u>Number</u>	<u>Description</u>	<u>Results</u>
<u>Sample - 071313MA5</u>	Plaster Sample from house, front room, center of E wall	<u>None detected</u>
<u>Sample - 071313MA6</u>	Plaster Sample from house, kitchen, N wall	<u>None detected</u>
<u>Sample - 071313MA7</u>	Plaster Sample from house, bedroom, N wall	<u>None detected</u>
<u>Sample - 071313MA8</u>	Sheet vinyl Sample from house, kitchen, S end of floor	<u>None detected</u>
<u>Sample - 071313MA9</u>	Sheet vinyl Sample from house, kitchen, E end of floor	<u>None detected</u>
<u>Sample - 071313MA10</u>	Sheet vinyl Sample from house, kitchen, W end of floor	<u>None detected</u>

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<u>Sample - 071313MA11</u>	Sheet vinyl Sample from house, bathroom, SW corner of floor	<u>None detected</u>
<u>Sample - 071313MA12</u>	Sheet vinyl Sample from house, bathroom, N end of floor	<u>None detected</u>
<u>Sample - 071313MA13</u>	Sheet vinyl Sample from house, bathroom, W end of floor, behind toilet	<u>None detected</u>
<u>Sample - 071313MA14</u>	Vapor barrier Sample from house, exterior, S wall	<u>None detected</u>

SAMPLES TO LAB: All samples were shipped to EAS LLC, a US EPA approved lab.

Any possible suspect asbestos materials inside walls or under ground not seen during this inspection that are found during demolition/renovation must be left intact. All work must stop until an inspection by a state certified inspector can be done.

CAUTION: *One percent, or more of asbestos is considered to be a hazardous substance and must be removed by a Utah Division of Air quality-approved contractor, following US EPA approved procedures.* Disposal must be at a landfill certified to receive asbestos containing material. It is recommended that any materials being disturbed during a demolition be kept wet.

Please note that OSHA has its own regulations regarding the safety of workers and asbestos abatement. Contractors doing abatement need to be aware of and follow these rules.

Federal and state OSHA regulations for any asbestos containing materials require that workers follow OSHA work practices and procedures, including respirator use and training.

According to the US EPA:

1. Inhalation is the primary route of exposure for asbestos.
2. There is no known safe amount of asbestos exposure.
3. The more asbestos that you breathe in, the higher your risk of getting one of the three fatal Asbestos-related diseases.

SUSPECT LEAD-CONTAINING MATERIALS THAT WILL BE REMOVED/DISTURBED:

- | | |
|---------------------------------|--|
| 1.) Paint, approx. 1400 sq. ft. | <u>POSITIVE FOR LEAD - Subject to the EPA LBP rules</u> |
| 2.) Paint, approx. 1800 sq. ft. | <u>Negative for lead - not subject to the EPA LBP rules</u> |

SAMPLES:

<u>Number</u>	<u>Description</u>	<u>Results</u>
<u>Sample - 071313MA1</u>	Green paint Sample from house, painted roof shingle	<u>Negative for lead - not subject to the EPA LBP rules</u>
<u>Sample - 071313MA2</u>	Olive green paint Light green paint Sample from house, exterior siding, E wall	<u>POSITIVE FOR LEAD - Subject to the EPA LBP rules</u> <u>POSITIVE FOR LEAD - Subject to the EPA LBP rules</u>

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<u>Sample - 071313MA3</u>	Off-white paint	<u>Negative for lead - not subject to the EPA LBP rules</u>
	Sample from house interior wall opposite front (N) door	
<u>Sample - 071313MA4A</u>	Light green paint	<u>POSITIVE FOR LEAD - Subject to the EPA LBP rules</u>
	Sample from house, wood trim of N doorway in kitchen area	
<u>Sample - 071313MA4B</u>	Dark gray paint	<u>POSITIVE FOR LEAD - Subject to the EPA LBP rules</u>
	Sample from house, wall of bathroom shower	
<u>Sample - 071313MA15</u>	Red paint	<u>Negative for lead - not subject to the EPA LBP rules</u>
	Sample from outhouse, N side storage room door	
<u>Sample - 071313MA16</u>	Off-white paint	<u>POSITIVE FOR LEAD - Subject to the EPA LBP rules</u>
	Gray paint	<u>POSITIVE FOR LEAD - Subject to the EPA LBP rules</u>
	White paint	<u>Negative for lead - not subject to the EPA LBP rules</u>
	Sample from outhouse, S side interior, E and W walls of toilet areas	

Samples were tested using Lead Check, an EPA approved method.

Almost all paint contains lead. Federal standards define lead-based paint as any paint or surface coatings that contain lead equal to or greater than 1.0 mg per square centimeter, or > 0.5% by weight. EPA regulations state that abatement of LBP requires certified lead abatement workers if paint is going to be removed from the wood (per EPA 40 CFR 745.223). For demolition of a building with LBP, the RRP Rule applies, which requires firms working in pre-1978 homes and child-occupied facilities to be certified and use lead-safe work practices during demo/renovation work, as both can create lead-containing dust. Lead Check is an EPA approved method for checking for lead in paint. Lead Check detects 0.06% to 0.5% lead. All paint is being tested to determine the lead concentration, and whether any LBP found makes the material subject to EPA, HUD and OSHA regulation.

Any demolition of buildings containing lead-based paint must be performed by lead-based paint certified OSHA-trained workers.

To control lead dust, it is recommended that LBP containing materials be kept wet during removal/demolition. Material that has lead-based paint on it may be disposed of in any commercial landfill.

ASSESSMENT:

<u>Material Condition:</u>	All materials are in poor condition.
<u>Water Damage:</u>	None noted.
<u>Exposed surface area:</u>	Material was exposed.
<u>Accessibility:</u>	Material was out in the open and less than 12 feet high.

Michael F. Amundsen

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(left) kitchen

(below) wall damage



(left) bathroom with crawl space access through closet



(left and above) outhouse

