



DEPARTMENT OF THE AIR FORCE  
75TH CIVIL ENGINEERING (CEOHA)  
HILL AIR FORCE BASE, UTAH



# ASBESTOS LEAD BASED PAINT INSPECTION REPORT

INSPECTION DATE: 03 August 2022

(This inspection is valid for three years from the inspection date regardless of Exp. Date of inspector cert. If past this date, a visual or additional assessment will then be required)

Reference UDAQ R307-807-6

Utah Certified State Inspector: Kyle Daly

(ASB#-7321: Expires-17 Sept. 2022, PB#-2753: Expires-17 March 2024)

## DEMOLISH FACILITY

WORK TASK/CAPITAL PROJECT #: 11650868

FACILITY: 1471

FACILITY CONSTRUCTION DATE: 1921

REQUESTER: JEFFERY EGBERT

ORGANIZATION: 649 MUNS

REQUESTED: 20 July 2022



THE QUANTITIES WITHIN THIS REPORT ARE ESTIMATES AND SHOULD  
NOT BE USED FOR BIDDING PURPOSES

PREPARED BY: Kyle Daly (ASB#-7321, PB#-2753)

SIGNATURE: \_\_\_\_\_



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75 CIVIL ENGINEERING (CEOHA)  
HILL AIR FORCE BASE, UTAH**



Hill Air Force Base

**ASBESTOS INSPECTION REPORT INFORMATION**

**Statement of Work:** Demolish facility.

This inspection was performed in accordance with the Utah Division of Air Quality (DAQ) requirements as found in the Utah Air Quality Rule R307-801-10. This inspection report is required to be on site during all abatement, renovation, and demolition activities. Samples referenced in this report were analyzed by polarized light microscopy (PLM) utilizing method 600R-93-116 by The Science and Engineering Laboratory (AIHA Acc.#-101572) at Hill Air Force Base, Utah (R307-801-10.8.a-b).

Civil Engineering personnel also reviewed previous asbestos inspection reports of suspect asbestos containing materials (ACM) that could potentially be encountered in the proposed area/areas. The information gathered from all current and previous inspections is shown below by homogenous area (R307-801-9-4).

**The quantities within this report are estimates and are not to be used for bidding purposes.**

**SUMMARY OF ASBESTOS CONTAINING MATERIALS FOUND**

<b>MATERIAL TYPE</b>	<b>ASBESTOS</b>	<b>FRIABILITY</b>	<b>*RACM *Category I *Category II</b>	<b>QUANTITY</b>	<b>*LOCATIONS FOUND</b>
N/A	N/A	N/A	N/A	N/A	N/A

Table 1

**\*Per UDAQ definition.**

**RACM:** Regulated Asbestos-Containing Material (RACM)" means friable ACM, Category I non-friable ACM that has become friable, Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting, or abrading, or 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 project operations.

**Category I Non-Friable ACM:** Asbestos-containing packings, gaskets, resilient floor coverings, or asphalt roofing products containing more than 1% asbestos as determined by using the method specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM).

**Category II Non-Friable ACM:** Any material, excluding Category I non- friable ACM, containing more than 1% asbestos as determined by using the methods specified in 40 CFR Part 763, Subpart E, Appendix E, Section 1, Polarized Light Microscopy (PLM) that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

**Locations found:** Locations of building materials as described in this report indicate where they were found, but do not necessarily mean that these are the only locations where these materials may be encountered during the project.

Per EPA requirements, all materials analyzed as containing  $\leq 10\%$  asbestos are point counted utilizing EPA method 600/R-93/116 this information is summarized in Table 2.

Per Hill AFB requirements, all materials containing any detectable amount of asbestos shall be handled as Asbestos Containing Material (ACM). Table 2 shows the summary of materials containing  $\leq 1\%$  that were identified via "Point Counting". Per EPA/UDAQ  $\leq 1\%$  is not considered to be an asbestos containing material, but special handling/packaging requirements are necessary per OSHA 29CFR 1926.1101 and 29CFR 1910.1001

MATERIAL TYPE	ASBESTOS	QUANTITY	*LOCATIONS FOUND
N/A	N/A	N/A	N/A

Table 2.

The following is a list of the "Suspect Materials" that were sampled as part of this inspection:	
Heavy Paint, Tan Over Orange Block	Heavy Paint, Brown Over Orange Block
Heavy Paint, Tan Over Concrete	Heavy Paint, Brown Over Concrete
Heavy Paint, Brown Over Block	Heavy Paint, Tan Over Block
Heavy Paint, Tan Over Brick	Window Putty, Grey
Sliding Door Insulation	

Table 3.

A total of 30 samples reference the 9 suspect materials assessed as part of the inspection.

The following table summarizes the sampling data.

Homogenous Building Material, Description, Location, Quantity.	Sample #	Sample Location	Results
Heavy Paint, Tan Over Orange Block, Exterior, 1,500 Square Feet	GM222002	Northwest	None-Detected
	GM222003	West Center	None-Detected
	GM222004	North Center	None-Detected
	GM222005	Northeast	None-Detected
	GM222006	South Center	None-Detected
Heavy Paint, Brown Over Orange Block, Exterior, 1,500 Square Feet	GM222007	Northwest	None-Detected
	GM222008	West Center	None-Detected
	GM222009	North Center	None-Detected
	GM222010	Northeast	None-Detected
	GM222011	South Center	None-Detected
Heavy Paint, Tan Over Concrete, Exterior, 300 Square Feet	GM222012	Northwest	None-Detected
	GM222013	West Center	None-Detected
	GM222014	East Center	None-Detected
Heavy Paint, Brown Over Concrete, Exterior, 300 Square Feet	GM222015	Northwest	None-Detected
	GM222016	West Center	None-Detected
	GM222017	South West	None-Detected
Heavy Paint, Brown Over Block, Exterior, 250 Square Feet	GM222018	Northwest	None-Detected
	GM222019	West Center	None-Detected
	GM222020	West Center	None-Detected

Heavy Paint, Tan Over Block, Exterior, 250 Square Feet	GM222021	Northwest	None-Detected
	GM222022	West Center	None-Detected
	GM222023	North Center	None-Detected
Heavy Paint, Tan Over Brick, Exterior, 150 Square Feet	GM222024	Northwest	None-Detected
	GM222025	West Center	None-Detected
	GM222026	North Center	None-Detected
Window Putty, Grey, Interior, 150 Square Feet	GM222027	Northwest	None-Detected
	GM222028	Southwest	None-Detected
	GM222029	Southeast	None-Detected
Sliding Door Insulation, Interior, 150 Square Feet	GM222030	Southwest	None-Detected
	GM222031	Southwest	None-Detected

Table 4.

**POTENTIAL FOR ADDITIONAL MATERIALS:**

This inspection report only encompasses the areas/materials designated within the scope of work that was provided at the date of inspection (see title page for inspection date). Should the scope of the project be altered in any way or any materials found that are not identified in this report shall require additional assessment. This report cannot be used for any other projects within the building.

Any questions or concerns regarding this inspection report or if any new suspect asbestos containing material (ACM) is encountered, stop work and contact the personnel listed below for further assistance/assessment.

**CONTACT INFORMATION**

**Asbestos/LBP Shop 75 CES(CEOHA)**

**Supervisor:** Taylor Brimberry: DSN: (801)586-7094  
 Cell: (801)940-2970

Asbestos/LBP Shop Personnel  
 DSN:(801)777-8006



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**LEAD-BASED PAINT IDENTIFICATION REPORT INFORMATION**

**SCOPE OF WORK:** Demolish Facility.

1-Table 1 below, summarizes the painted/coated building components that tested positive for Lead Based Paint/Coating. These components should be segregated or abated prior to renovation or demolition, and a composite TCLP taken of the waste before disposal.

2-The condition column is the condition only of the painted/coated component (See final page for all readings/samples).

XRF Analyzer Used: XRF Analyzer XL3t 300 (Serial #96588)

<b>XL Number</b>	<b>Substrate</b>	<b>Component</b>	<b>Color</b>	<b>Lead Reading</b>	<b>Paint Condition</b>
1772	Concrete	Dock	Yellow	3.78	Poor
1778	Wood	Fascia	Tan	4.96	Poor
1781	Metal	4" Metal Strap	Tan	5.76	Poor
1782	Metal	4" Metal Strap	Brown	5.52	Poor
1783	Metal	Ballard	Brown	7.38	Poor
1787	Metal	Structural Steel Truss	Brown	9.83	Poor
1791	Concrete	Column	Yellow	1.87	Poor
1792	Concrete	Floor Line	Yellow	2.86	Poor
1793	Concrete	Floor Line	Yellow	4.22	Poor
1801	Metal	Door Jamb	Brown	1.94	Poor
1802	Metal	Door Frame	Brown	10.41	Poor
1803	Metal	Window Mutton	Brown	2.66	Poor

Table 1.

3-The U.S. Department of Housing and Urban Development defines Lead-based paint as any paint, varnish, stain, or other applied coating that has 1 mg/cm<sup>2</sup> as measured by an X-ray Fluorescence (XRF) Analyzer or laboratory analysis or 0.5 percent by weight (5,000 µg/g by dry weight) by laboratory analysis, or more of lead. **All other components tested were less than 0.80 mg/cm<sup>2</sup>.**

4-Any effort to disturb lead paint can create lead dust. Ensure that appropriate abatement, cleanup, and disposal will be accomplished and that appropriate safety measures are taken IAW 29 CFR 1926.62. If you have any questions concerning this report, contact the Asbestos/LBP Shop: Taylor Brimberry at 586-7094.

5-This inspection report only encompasses the areas/materials designated within the scope of work that was provided at the date of the inspection (see title page for date). This report must be modified should the scope of the project be altered in any way or additional materials not previously identified within this report are encountered. This report may not be used for any other projects within the building.

Pre Calibration	PbL (mg/cm <sup>2</sup> )	Calibration Range	Model#	Serial #	Post Calibration	PbL (mg/cm <sup>2</sup> )	Calibration Range	
1772	Exterior	East	Dock	Poor	Concrete	Yellow	3.78	POS
1778	Exterior	East	Fascia	Poor	Wood	Tan	4.96	POS
1781	Exterior	East	4" Metal Strap	Poor	Metal	Tan	5.76	POS
1782	Exterior	East	4" Metal Strap	Poor	Metal	Brown	5.52	POS
1783	Exterior	East	Ballard	Poor	Metal	Brown	7.38	POS
1787	Interior	South	Structural Steel Truss	Poor	Metal	Brown	9.83	POS
1791	Interior	West	Column	Poor	Concrete	Yellow	1.87	POS
1792	Interior	Center	Floor Line	Poor	Concrete	Yellow	2.86	POS
1793	Interior	West	Floor Line	Poor	Concrete	Yellow	4.22	POS

Pre Calibration	PbL (mg/cm <sup>2</sup> )	Calibration Range	Model#	Serial #	Post Calibration	PbL (mg/cm <sup>2</sup> )	Calibration Range	
1750	1.06	Per 20 Second Reading	XRF Analyzer XL3t 300 (Serial #96588)		1813	1.03	Per 20 Second Reading	
1751	0.90		1814	1.03				
1752	1.08		1815	1.08				
Range:	.8 to 1.2		Range:	.8 to 1.2				
XL Number	Room/Area	Side	Structure	Paint Condition	Substrate	Color	PbL(mg/cm <sup>2</sup> )	NEG/POS
1801	Exterior	West	Door Jamb	Poor	Metal	Brown	1.94	POS
1802	Exterior	West	Door Frame	Poor	Metal	Brown	10.41	POS
1803	Exterior	West	Window Mutton	Poor	Metal	Brown	2.66	POS