

16 Feb 2010

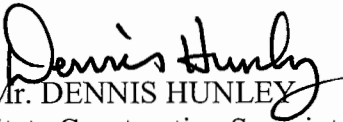
MEMORANDUM FOR: Robert Lopez, USAF DOD AFCEE/EXC

FROM: 141 CES/ STATE MIL DEPT

SUBJECT: Asbestos, LBP, and PCB results for Four Lakes Communication Station, WA

Please find the attached survey reports for Four Lakes Comm. Station, WA: Asbestos, Lead, and PCBs.

For any questions please call myself at 509-247-7368 or our Base Civil Engineer, Lt Col Mike Nester at 509-247-7352.


Mr. DENNIS HUNLEY
State Construction Superintendent III

AFFORDABLE ASBESTOS ABATEMENT

Asbestos, Lead & Mold Specialists

FINAL REPORT OF: "LEAD BASED PAINT INSPECTION"

Location of Inspection:

**105 ACS Four Lakes Installation
Four Lakes, Washington**

Prepared For:

**141st Civil Engineering Squad
1415 W. El Paso Avenue
FAFB, WA 99011
Attn: Mr. Dennis Hunley
Phone: (509)-370-4407
Fax: (509)-533-5051**

By:

**Mr. Philip L. Berg
Affordable Asbestos & Lead Abatement
16190 N. West Newman Lake Road
Newman Lake, WA 99025**

**AAA PROJECT #AAA-105ACS-2
01-25-10**

AAA Construction, Incorporated

D.B.A. Affordable Asbestos Abatement
Asbestos, Lead & Mold Specialists

February 10, 2010

141st Civil Engineering Squad
1415 W. El Paso Avenue
Fairchild Air Force Base, WA 99011
Attn: Mr. Dennis Hunley
Phone: (509)-370-4407

FOUR LAKES
Subject: Lead Inspection Services Report (Project # AAA=105ACS)

Dear Mr. Hunley,

Please find below a summary of the attached report on the Lead Based Paint Inspection conducted on fifteen (15) (97, 99, 101, 103, 104, 105, 106, 201, 202, 204, 206, 207, 208, 209 and 211) specific buildings of the: 105 ACS Four Lakes Installation, Four Lakes, Washington.

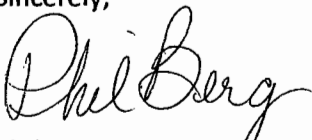
A Lead Based Paint Inspection was performed on fifteen (15) specific buildings of the 105 ACS Four Lakes Installation, Four Lakes, Washington by Mr. Philip L. Berg, an EPA Certified Lead Inspector, WA State Certified Lead Assessor and owner of the EPA Certified firm AAA Construction Inc. DBA Affordable Asbestos Abatement. This lead paint inspection was conducted at the request of Mr. Dennis Henley of the 141st Civil Engineering Squad, Spokane, F. A. F. B., WA 99011

A "Paint Chip Sampling" was used to perform the paint analysis, following the documented methodologies, and quality control procedures, outlined in Chapter 7 of the U.S. Department of Housing and Urban Development (HUD) Guidelines for the Evaluation and Control of Lead Based Paint Hazards in Housing, 1997 revision, and the April 17, 1998, Edition No. 4, NITRON Performance Characteristics Sheet (PCS).

The EPA defines "Lead Based Paint" (LBP) as any paint or other surface coating (i.e. paint, varnish, shellac, stain, etc.) that contains lead equal to or in excess of 1.0 milligram per square centimeter (1 mg/cm), or more than 0.5 percent by weight, or 5,000 PPM (parts per million).

NO Lead Base Paint was found in the paint samples as defined by EPA standards, in the fifteen (15) specific buildings located within the confines of the 105 ACS Four Lakes Installation.

Sincerely,



Philip L. Berg, EPA LBP Risk Assessor

FOUR LAKES LEAD INSPECTION SURVEY

Laboratory Analysis:

Performed by:

Global Industrial Corporation, 555 W. University Drive, Suite 7, Mesa, AZ 85201

Phone: (480)497-0280 Fax: (480)497-0540

NVLAP 200670-0

A paint chip sampling was used to perform the LBP laboratory analysis, following the documented methodologies, and quality control procedures, outlined in Chapter 7 of the U.S. Department of Housing and Urban Development (HUD) guidelines for the evaluation and control of Lead Based Paint Hazards in Housing, 1997 revision. Testing was performed by Global Industrial Corporation using sampling methods for Lead Determination by Atomic Spectrometry Techniques. Method EPA-7420 was used which allows a reporting limit of 5,000 PPM (parts per million).

The following components tested POSITIVE for LBP (lead based paint):

a. **NONE:** All building components tested NEGATIVE for Lead Base Paint in all fifteen (15) of the specific buildings tested. Component results were well below acceptable tolerances.

b. All NEGATIVE components are listed - See Chart B attached.
All negative components tested well below acceptable PPM tolerances.

c. VISUAL ASSESSMENT

At the time of the assessment, interior paints and stains throughout the dwellings were intact. Exterior paints were generally intact with isolated areas of fair condition. There were isolated locations of peeling paints on exterior walls and windows. In addition, there was isolated areas of damage on interior surfaces, primarily within buildings #206, #207 and #208.

AAA Project: #AAA-105ACS

Inspection Performed by: Philip L. Berg

Inspection Date: January 29, 2010

Project Name/Location: 105 ACS Four Lakes Installation

This inspection was conducted in accordance with 40 CFR 745 Lead; Requirements for Lead Based Paint Activities in Target Housing and child Occupied Facilities, 40CFR 745.227 (b) Inspection requirements.

The fifteen (15) specific buildings inspected were found to contain NO LBP (Lead Based Paint) as defined by 40 CFR 745.

Philip L. Berg



EPA Lead Based Paint Risk Assessor

AFFORDABLE ASBESTOS ABATEMENT

Asbestos, Lead & Mold Specialists

Report of:

“GOOD FAITH”

ASBESTOS SURVEY REPORT

Location of Inspection:

105 ACS Four Lakes Installation

Spokane, Washington

AAA Project #AAA-105ACS-1

01-25-10

Prepared for:

141st Civil Engineering Squad

FAFB, WA 99011

Attn: Mr. Dennis Hunley

Phone: (509)-370-4407

FAX: (509)-533-5051

By:

Affordable Asbestos & Lead Abatement

Mr. Philip L. Berg, President

AHERA Building Inspector

Asbestos Abatement-Surveys-Inspections

16190 N. West Newman Lake Drive, Newman Lake, WA 99025

Office (509)-891-7575 Fax (509)-226-1176

FOUR LAKES ASBESTOS SURVEY REPORT

Summary of Findings

1. ASBESTOS CONTAINING MATERIALS: NO- See Chart A
2. NON-ASBESTOS CONTAINING MATERIALS: YES - See Chart B
3. PRESUMED ASBESTOS CONTAINING MATERIALS: YES

Conclusion: Based on our technical inspection; which included destructive means, we did not find asbestos in the samples we took to be analyzed. However; there is CAB (Cement Asbestos Board) on the interior walls of Building #103- Water Pump Station which is presumed to be asbestos.

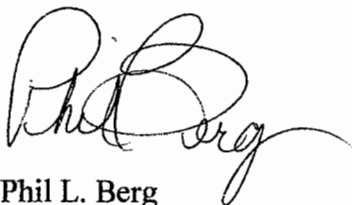
Acknowledgment

"I acknowledge that I have read and understand this report. I further acknowledge that hidden asbestos materials may exist in concealed areas that may be exposed during my work. If suspect materials (refer to page C) are discovered, I will treat the material as asbestos containing until testing proves otherwise."

Firm Name: _____
Signature: _____
Name: (Print or Type): _____
Title: _____
Address: _____
Phone Number: _____

1. AAA is not responsible for hidden asbestos that cannot be found using destructive means.
2. This survey is limited to the scope of the project as stated by owner, or the owner's representative.
3. Anyone having questions about this report please do not hesitate to contact Affordable Asbestos or The Spokane Regional Clean Air agency (Spokane Clean Air) at: 3104 E. Augusta, Spokane, WA 99207 Phone: (509) 477-4727

Thank you,



Phil L. Berg

FOUR LAKES PCB TEST RESULTS
Test America Cooler Receipt Form

WORK ORDER # STAC0575 CLIENT: WAANG PROJECT: Hydraulic Oil
Date/Time Cooler Arrived 01/20/10 12:20 Cooler signed for by: Pandree Decker
(Print name)

Preliminary Examination Phase:

Date cooler opened: same as date received or ___/___/___ Sample not received in a cooler.
Cooler opened by (print) Pandree Decker (sign) Pandree Decker

1. Delivered by ALASKA AIRLINES Fed-Ex UPS POSTAL SERVICE CLIENT Other:
Shipment Tracking # if applicable _____ (include copy of shipping papers in file)

2. Number on Custody Seals 0 Signed by _____ Date ___/___/___

Were custody seals unbroken and intact on arrival? Yes No

3. Were custody papers sealed in a plastic bag? Yes No

4. Were custody papers filled out properly (according to policy)? Yes No

5. Did you sign the custody papers in the appropriate place? Yes No

6. Was ice used? Yes No Type of ice: blue ice gel ice real ice dry ice Condition of ice: NA

Temperature by IR Gun 20.4 °C Thermometer Serial # 81500

Acceptance Criteria: 0 - 6°C

7. Packing in Cooler: bubble wrap styrofoam cardboard Other: NA

8. Did samples arrive in plastic bags? Yes No

9. Did all bottles arrive unbroken, and with labels in good condition? Yes No - No labels on sample containers

10. Are all bottle labels complete (ID, date, time, etc.)? Yes No

11. Do bottle labels and Chain of Custody agree? Yes No

12. Are the containers and preservatives correct for the tests indicated? Yes No

13. Is there adequate volume for the tests requested? Yes No

14. Were VOA vials free of bubbles? N/A Yes No

If "No" which containers contained "head space" or bubbles? _____

Log-in Phase:

Date of sample log-in 01/21/10

Samples logged in by (print) Pandree Decker (sign) Pandree Decker

1. Was project identifiable from custody papers? Yes No

2. Do Turn Around Times and Due Dates agree? Yes No

3. Was the Project Manager notified of status? Yes No

4. Was the Lab notified of status? Yes No

5. Was the COC scanned and copied? Yes No

6. Was the PH taken and marked into log book? Yes No NA

TestAmerica

FOUR LAKES PCB TESTING

SPOKANE, WA 11922 E. 1ST AVENUE
 SPOKANE VALLEY, WA 99208-5302
 ph: (509) 924.9200 fax: (509) 924.9290

THE LEADER IN ENVIRONMENTAL TESTING

WAARNG 2408 N. Government Way Spokane, WA 99224	Project Name: Hydraulic Oil Project Number: [none] Project Manager: Gary Hall	Report Created: 02/02/10 16:24
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Polychlorinated Biphenyls by EPA Method 8082 - Laboratory Quality Control Results
 TestAmerica Spokane

QC Batch: 10A0111 Other (L) Preparation Method: EPA 3550B

Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
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Blank (10A0111-BLK1)

Extracted: 01/28/10 11:01

PCB-1016	EPA 8082	ND	---	1.00	mg/kg	1x	--	--	--	--	--	--	01/29/10 10:24	
PCB-1221	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
PCB-1232	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
PCB-1242	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
PCB-1248	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
PCB-1254	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
PCB-1260	"	ND	---	1.00	"	"	--	--	--	--	--	--	"	
Surrogate(s): TCX		Recovery:	98.3%	Limits:	50-150%	"							01/29/10 10:24	
Decachlorobiphenyl			118%		50-150%	"							"	

LCS (10A0111-BS1)

Extracted: 01/28/10 11:01

PCB-1016	EPA 8082	23.3	---	1.00	mg/kg	1x	--	20.0	117%	(70-130)	--	--	01/29/10 10:47	
PCB-1260	"	23.6	---	1.00	"	"	--	"	118%	"	--	--	"	
Surrogate(s): TCX		Recovery:	109%	Limits:	50-150%	"							01/29/10 10:47	
Decachlorobiphenyl			118%		50-150%	"							"	

Matrix Spike (10A0111-MS1)

QC Source: STA0075-01

Extracted: 01/28/10 11:01

PCB-1016	EPA 8082	14.7	---	1.00	mg/kg	1x	ND	20.0	73.4%	(70-130)	--	--	01/29/10 11:32	
PCB-1260	"	14.1	---	1.00	"	"	ND	"	70.5%	"	--	--	"	
Surrogate(s): TCX		Recovery:	71.5%	Limits:	50-150%	"							01/29/10 11:32	
Decachlorobiphenyl			81.7%		50-150%	"							"	

Matrix Spike Dup (10A0111-MSD1)

QC Source: STA0075-01

Extracted: 01/28/10 11:01

PCB-1016	EPA 8082	14.9	---	1.00	mg/kg	1x	ND	20.0	74.4%	(70-130)	1.46%	(25)	01/29/10 11:53	
PCB-1260	"	14.4	---	1.00	"	"	ND	"	72.0%	"	2.08%	"	"	
Surrogate(s): TCX		Recovery:	71.8%	Limits:	50-150%	"							01/29/10 11:53	
Decachlorobiphenyl			78.1%		50-150%	"							"	

TestAmerica Spokane

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


 Rande Decker, Project Manager



WAARNG 2408 N. Government Way Spokane, WA 99224	Project Name: Hydraulic Oil Project Number: [none] Project Manager: Gary Hall	Report Created: 02/02/10 16:24
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Notes and Definitions

Report Specific Notes:

None

Laboratory Reporting Conventions:

- DET - Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.
- ND - Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).
- NR/NA - Not Reported / Not Available
- dry - Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.
- wet - Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported on a Wet Weight Basis.
- RPD - RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).
- MRL - METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.
- MDL* - METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported as Estimated Results.
- Dil - Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution found on the analytical raw data.
- Reporting - Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits - percent solids, where applicable.
- Electronic - Electronic Signature added in accordance with TestAmerica's *Electronic Reporting and Electronic Signatures Policy*. Signature - Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica Spokane

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 Randee Decker, Project Manager

