U.S. Army Corps
of Engineers
Savannah District

U.S. ARMY CORPS OF ENGINEERS
ENVIRONMENTAL & MATERIALS UNIT
200 NORTH COBB PARKWAY
BUILDING 400, SUITE 404
MARIETTA, GA 30062

ASBESTOS SURVEY REPORT

BUILDING NO. 8672, LATRINE
HUNTER ARMY AIR FIELD, GEORGIA

ASBESTOS INSPECTION REPORT
HUNTER ARMY AIR FIELD, GEORGIA
BUILDING NUMBER 8672, LATRINE

INTRODUCTION

1. This report documents the asbestos inspection and survey of Building No. 8672 at Hunter Army Air Field; Georgia conducted 25 July 2002 by USACE Savannah District employees Tim Jones and Jack Ford. The survey was conducted in general accordance with the regulatory guidelines in the Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763 Subpart E Sections 763.80-763.88) and "Guidance for Controlling Asbestos-Containing Materials in Buildings" (Purple Book) (EPA publication number 560/5-85-024). Although not required by the AHERA guidelines, roof and other exterior miscellaneous materials were also inspected and sampled.

2. Building No. 8672 was built in the 1940s time frame and is a single story structure of concrete masonry block construction with a bare concrete floor slab. The roof is wood frame with a single layer of asphalt shingles.

3. All accessible areas of Building No. 8672 were visually inspected for suspected Asbestos Containing Materials (ACM) by an accredited inspector. Bulk samples of all suspected ACM's were collected. Samples were taken from inconspicuous locations when possible. This report details ACM as identified at the time of inspection only.

4. The bulk samples were analyzed by Hygeia Laboratories, Inc. Hygeia is accredited by the National Voluntary Laboratory Accredited Program (NVLAP Accreditation sponsored by the National Institute of Standards and Technology (NIST)). The samples were analyzed by the accepted method of polarized light microscopy (PLM) using EPA's "Method for the Determination of Asbestos in Bulk Building Materials", EPA/600/R-93/116. Hygeia's analytical report is included in Appendix 1 and their NVLAP accreditation is in the Certifications section.

5. In compliance with the AHERA regulations, material is considered an Asbestos Containing Material when it contains greater than one percent asbestos. Likewise, in this report, any material containing concentrations greater than 1 percent asbestos will be considered "positive". A narrative discussion of the AHERA ACM types (i.e., thermal systems insulation, miscellaneous and surfacing materials) found in Building No. 8672 is included in this report when relevant. Bulk sample information appears on Table 1. Estimated quantities of individual asbestos containing materials appear on Table 2. Material characterization of samples identified as asbestos containing appears as Table 3. The specific location where each bulk sample was obtained is shown on the

building floor plans, which appear as Plates. Positive ACM samples are highlighted on the floor plan Plates and, where possible, locations of similar positive ACM are identified. It is reasonable to assume that all materials similar to those testing positive, also contain positive amounts of asbestos and should be treated as such.

DISCUSSION

6. **Thermal Systems Insulation (TSI)** – TSI is insulation material applied to pipes, fittings, boilers, tanks, ducts, or to other interior structural components to prevent heat loss or gain, or water condensation, or for other purposes

   No suspect TSI was located in Building 8672.

7. **Miscellaneous Materials** – Miscellaneous materials include building material on structural components, structural members or fixtures, such as floor and ceiling tiles, and do not include surfacing or TSI.

   In the past, there were a great number of miscellaneous building materials that had asbestos fibers added to them during the manufacturing process to increase durability and fireproofing qualities. The following suspect miscellaneous materials were sampled at Building No. 8672 and found to contain asbestos.

   Floor Materials

   No suspect flooring materials were located in Building 8672.

   Roofing Materials – (Refer to Tables 1-3 and Plate 1 for specific information and sample locations).

   Roofing samples were determined to be non-asbestos containing.

   Gasket material– (Refer to Tables 1-3 and Plate 1 for specific information and sample locations).

   The burner flange gasket in the water heater contains asbestos. Other gaskets that may be within the water are assumed to contain asbestos.

8. **Surfacing** – Surfacing material is friable material that is sprayed on, troweled on, or otherwise applied to surfaces for decorative or other purposes.

   No suspect surfacing materials were identified.

Summary

9. In summary, the following materials in building 8672 were found to contain or are assumed to contain asbestos:

Gasket materials in the water heater contain or assumed to contain asbestos.

Prepared by: _____
TIMOTHY A. JONES

Tables

TABLE 1
SUSPECT ACM SAMPLES
HUNTER ARMY AIRFIELD, BUILDING 8672

FIELD ID	DESCRIPTION	LOCATION	ASBESTOS TYPE & %
8672-M-1	Duct flex joint	Mechanical room, at air handler	None
8672-M-2	Gypsum drywall mud and tape	Mechanical room wall	None
8672-M-3	Gypsum drywall	Mechanical room wall	None
8672-M-4	**Water heater flange gasket**	**Mechanical room**	**50% chrysotile**
8672-R-5	Roof shingle	Roof field	None
8672-R-6	Roof felt	Roof field, under shingles	None
8672-1-7	Gypsum drywall	East side restroom dressing area ceiling	None
8672-1-8	Drywall joint compound	East side restroom ceiling	None
8672-1-9	Drywall joint compound	West side restroom ceiling	None
8672-1-10	Gypsum drywall	West side restroom dressing area ceiling	None
8672-1-11	Window caulking material	West side restroom	None
8672-1-12	Window caulking material	East side restroom	None

Samples testing positive for asbestos in **BOLD** type

TABLE 2
ACM QUANTITY SUMMARY
HUNTER ARMY AIRFIELD, BUILDING 8672

Material Descriptions	Units	Area Descriptions							Totals
			MECHANICAL ROOM						
Gasket Material	S.F.		5						5

S.F. = Square Foot, L.F. = Linear Foot.

TABLE 3
MATERIAL CHARACTERIZATION AND ASSESSMENT
HUNTER ARMY AIRFIELD, BUILDING 8672

MATERIAL		CHARACTERISTICS			ASSESSMENT	
Type	**Description**	**Asbestos Yes/no/assumed**	**Quantity (If ACM)**	**Friable / Non-friable**	**Condition**	**Disturbance Potential**
Miscellaneous	Gasket material	Yes 50% chrysotile	5 S.F.	Unknown	Unknown	Low

Plates

Sampling Locations (See contract drawings)

Appendix 1

HYGEIA LABORATORIES, INC.
1300 Williams Drive, Suite A - Marietta, Georgia 30066-6299 - (770) 514-6933, FAX (770) 514-6966

US Army Corp of Engineers
Environmental & Materials Unit
200 North Cobb Parkway
Bldg. 400, Ste. 404
Marietta, GA 30062

7/30/2002

Subject:
Hygeia Project Number: A0207076
Client Project Number/Name: Job # 7566 /Hunter AAF Bldg 8672

Dear Mr. Tim Jones:

Enclosed are the analytical results of bulk samples submitted by you to this laboratory on 7/29/2002. All analyses were performed by polarized light microscopy (PLM) in accordance with the EPA method as defined in Perkins and Harvey, July 1993, "Methods for the Determination of Asbestos in Bulk Materials" 61pp. (EPA/600/R-93/116). The reported percentages are volume estimates obtained by calibrated visual estimation. The results in this report apply only to the items tested.

The EPA defines an asbestos containing material (ACM) as a material that is reported to contain greater than one percent asbestos. HYGEIA is only responsible for the accuracy of the analytical results provided in this report and cannot be held responsible for the errors resulting from improper sample collection techniques. This report may not be used to claim product endorsement by NVLAP or any other U.S. Government agency.

For nonhomogeneous samples, each layer was analyzed separately and the results combined to form the reported value except where otherwise noted. Vinyl floor tile samples with negative results by PLM should be submitted for confirmation by transmission electron microscopy (TEM). Friable samples containing less than 10% asbestos as determined by PLM may be resubmitted for point counting at your discretion.

Thank you for using our analytical services. HYGEIA Laboratories has been NVLAP accredited since 1988. Our current NVLAP code is 102087-0. We will keep a copy of this report on file for three years. We will dispose of your samples in 60 days unless you request that we return them. This report my be reproduced only in its entirety with the consent of Hygeia Laboratories, Inc. If you have any questions, please call us at (770) - 514-6933.

Sincerely,

Clayton Call
Asbestos Laboratory Manager

NVLAP# 102087-0
Texas Dept. of Health # 30-0232
Commonwealth of Virginia # 3333-000210

Hygeia Laboratories Inc.
1300 Williams Drive, Suite A
Marietta, GA 30066
(770) 514-6933

PLM Analysis Summary

Hygeia Project Number: A0207076
Client Project Number/Name: Job # 7566 / Hunter AAF Bldg 8672

Analyzed: 7/29/2002 **by** CC

Sample ID		Sample Description			Asbestos Percent					Other Fibers			Non - Fibers	
Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-M-1	A0207076-01	Black	Rubbery	Yes							10%		90%	

Comment: **No Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-M-2	A0207076-02	Gray	Powdery	Yes									100%	

Comment: **No drywall present. No Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-M-3	A0207076-03	Gray	Powdery	Yes						10%			90%	

Comment: **No Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-M-4	A0207076-04	Gray	Fibrous	Yes	50%					5%			45%	

Comment: **Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-R-5	A0207076-05	Black	Gummy	Yes							10%		90%	

Comment: **No Asbestos Detected.**

Hygeia Project Number: A0207076
Client Project Number/Name: Job # 7566 / Hunter AAF Bldg 8672

Analyzed: 7/29/2002 by CC

Sample ID		Sample Description			Asbestos Percent					Other Fibers			Non - Fibers	
Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-R-6	A0207076-06	Black	Gummy	Yes						30%			70%	

Comment: **No Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-1-7	A0207076-07	Gray	Powdery	No						30%			70%	

Comment: **Joint compound: NAD. Rest: NAD. No Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-1-8	A0207076-08	Gray	Powdery	Yes									100%	

Comment: **No drywall present. No Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-1-9	A0207076-09	Gray	Powdery	No						40%			60%	

Comment: **Joint compound: NAD. Rest: NAD. No Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-1-10	A0207076-10	Gray	Powdery	No						20%			80%	

Comment: **White gummy layer: NAD. Rest: NAD. No Asbestos Detected.**

Hygeia Project Number: A0207076
Client Project Number/Name: Job # 7566 / Hunter AAF Bldg 8672

Analyzed: 7/29/2002 **by** CC

Sample ID		Sample Description			Asbestos Percent					Other Fibers			Non - Fibers	
Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-1-11	A0207076-11	Gray	Rubbery	Yes									100%	

Comment: **No Asbestos Detected.**

Client #	Hygeia #	Color	Texture	Homog.	Chr.	Am.	Cro.	An.	T/A	Cell.	Glass	OF	B/F	ONF
8672-1-12	A0207076-12	Gray	Rubbery	Yes									100%	

Comment: **No Asbestos Detected.**

abbreviations:

Chr. = chrysotile
Am. = amosite
Cro. = crocidolite
An. = anthophyllite
T/A = tremolite/actinolite

cell = cellulose
glass = fibrous glass
syn = synthetic
sty = styrene foam
det = detected

per = perlite
ver = vermiculite
MF = Mineral filler
B/F = Binder / filler
NAD = No asbestos detected

OF = Other Fibers
ONF = Other Non-Fibers
Cons = Consolidated

Sample Chain of Custody

A02070760

ASBESTOS CHAIN OF CUSTODY - US ARMY CORPS OF ENGINEERS

Project:	**Hunter AAF Bldg 8672**	Job No.:	**7566**
Sampler:	Tim Jones	Analysis:	PLM

	DATE	FIELD ID	EMU ID	COMPONENTS/NOTES
01A	7/25/2002	8672-M-1	44120	Flex joint
02A	7/25/2002	8672-M-2	44121	Drywall joint compound and tape
03A	7/25/2002	8672-M-3	44122	Drywall
04A	7/25/2002	8672-M-4	44123	Gasket material
05A	7/25/2002	8672-R-5	44124	Roof shingle
06A	7/25/2002	8672-R-6	44125	Roof felt
07A	7/25/2002	8672-1-7	44126	Drywall
08A	7/25/2002	8672-1-8	44127	Drywall joint compound and tape
09A	7/25/2002	8672-1-9	44128	Drywall joint compound and tape
10A	7/25/2002	8672-1-10	44129	Drywall
11A	7/25/2002	8672-1-11	44130	Caulking material
12A	7/25/2002	8672-1-12	44131	Caulking material

Relinquished By	Date	Time	Received By	Date	Time
Tim Jones	7-29-02	0955	C. Cole	7/29/02	9:55 AM

Comments: Fax results ASAP to Tim Jones @ 678-354-0330

JUL 30 AM8:49

Certifications

The Environmental Institute

Tim Jones

Has completed coursework and satisfactorily passed
an examination that meets all criteria required for
EPA / AHERA (TSCA Title II) Approved Accreditation
and NESHAP Regulations Training

Asbestos in Buildings: Inspection and Assessment

February 10-12, 1997
Course Date

2360
Certificate Number

February 12, 1997
Examination Date

February 11, 1998
Expiration Date

William H. Spain - Course Director

Rachel G. McCain - Exam Administrator

TEI - 1300 Williams Drive, Suite E - Marietta, Georgia 30066 - (770) 427-3600

The Environmental Institute

Tim Jones

Has completed coursework and satisfactorily passed
an examination that meets all criteria required for
EPA/AHERA/ASHARA (TSCA Title II) Approved Reaccreditation
and NESHAP Regulations Training

Asbestos in Buildings: Inspector Refresher

February 26, 2002
Course Date

7283
Certificate Number

February 26, 2002
Examination Date

February 25, 2003
Expiration Date

Thomas G. Laubenthal - Course Director

Rachel G. McCain - Exam Administrator

TEI - 1300 Williams Drive, Suite E - Marietta, Georgia 30066 - (770) 427-3600

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Certificate of Accreditation

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

HYGEIA LABORATORIES, INC.

MARIETTA, GA

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

March 31, 2003

Effective through

David F. Alderman

For the National Institute of Standards and Technology

NVLAP Lab Code: 102087-0

NVLAP-01C (11-95)

National Institute of Standards and Technology **NVLAP®** National Voluntary Laboratory Accreditation Program

ISO/IEC GUIDE 25:1990
ISO 9002:1987

Scope of Accreditation

BULK ASBESTOS FIBER ANALYSIS **NVLAP LAB CODE 102087-0**

HYGEIA LABORATORIES, INC.
1300 Williams Drive, Suite A
Marietta, GA 30066-6299
Mr. Clayton Call
Phone: 770-514-6933 Fax: 770-514-6966
E-Mail: call67@atc-enviro.com

NVLAP Code	*Designation*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

March 31, 2003
Effective through

David F. Alderman
For the National Institute of Standards and Technology

NVLAP-01S (11-95)

U.S. Army Corps
of Engineers
Savannah District

U.S. ARMY CORPS OF ENGINEERS
ENVIRONMENTAL & MATERIALS UNIT
200 NORTH COBB PARKWAY
BUILDING 400, SUITE 404
MARIETTA, GA 30062

HAZARDOUS BUILDING MATERIALS SURVEY REPORT

BUILDING NO. 8672, LATRINE
HUNTER ARMY AIR FIELD, GEORGIA

HAZARDOUS BUILDING MATERIALS REPORT
HUNTER ARMY AIR FIELD, GEORGIA
BUILDING 8672, LATRINE

INTRODUCTION

1. This report documents the hazardous building materials survey of Building No. 8672 at Hunter Army Air Field; Georgia conducted on 25 July 2002 by USACE Savannah District employees Tim Jones and Jack Ford. This survey was conducted in general accordance with the Statement of Services developed by Ray Willingham, USACE Savannah District, which includes the USAEHA guidance for demolition debris characterization by TCLP sampling.

2. The survey consists of a count of florescent and metal halide lights, a search for mercury containing equipment, a search for lead building components, a search for evidence of past or present underground storage tanks and a search for any other hazardous building materials excluding asbestos. The report also documents results of composite sampling of building materials for demolition debris characterization by analysis of TCLP lead.

3. Building No 8672 was built in the 1940s time frame and is of concrete masonry block construction. The roof system is wooden framing with wood decking covered by asphalt shingles. The floor system is a bare concrete slab. Due to the construction of the building, the TCLP sampling was performed in accordance with composite sample estimated percentages for Stucco/Wood/Block structures in the USAEHA guidance. No physical sampling of other hazardous components was performed, only a visual counting was performed.

4. The sampled components for identification of TCLP lead, in their proper percentages, were analyzed by Hygeia Laboratories using EPA methods 1311 for extraction followed by 6010B analysis. Hygeia's analytical report is included in Appendix 1.

SUMMARY

5. The florescent and metal halide light count results are presented in Table 1.

6. Sampling of building components was performed as required and components were processed and mixed in the proper percentages and given a sample identification of B8672 TCLP. TCLP analysis by Hygeia Laboratories indicates that lead is not present above the regulatory limit of 5mg/L. Field sampling data including component type, color, TCLP mix percentage and approximate sampling location is presented in Table 2. Approximate locations of material sub-samples are indicated in the floor plan.

7. One mercury-containing thermostat was located in Building 8672. Its location is indicated on the floor plan.

8. An above ground fuel oil storage tank is located off the southeast wall of building 8672. It feeds the water heater and forced air furnace in the mechanical room.

9. No lead building components were located.

Prepared by: _____
TIMOTHY A. JONES

Tables

TABLE 1
HUNTER ARMY AIR FIELD, BLDG. 8672
FLORESCENT LIGHT FIXTURES

AREA IDENTIFICATION	# & TYPE LIGHTS PRESENT	DESCRIPTION OF LIGHTS
Interior	32	4 foot long, 2 bulb florescent fixtures
Exterior	4	1 foot square mercury light fixtures

TABLE 2
HUNTER ARMY AIR FIELD, BLDG. 8672
TCLP COMPOSITE SAMPLE COMPONENTS

BUILDING COMPONENT	DESCRIPTION	LOCATION	PERCENTAGE OF SAMPLE
Unpainted Wood	Wall framing	Mechanical Room	26%
Interior wall covering	Tan drywall	Mechanical Room	23%
Roofing Components	Roof shingle	Roof	7%
Interior Floor Coverings	Unpainted concrete	West Restroom	10%
Block, Brick, Concrete	Tan painted block	Exterior wall	25%
Ceiling Material	White painted drywall	East Restroom	7%
Painted Wood-Interior	Brown toilet stall trim	West Restroom	1%
Painted Wood-Exterior	Blue soffit trim	Exterior soffit	1%

Floor Plan
And
Sampling Locations

(See contract drawings)

Appendix 1

HYGEIA LABORATORIES, INC.
1300 Williams Drive, Suite A - Marietta, Georgia 30066-6299 - (770) 514-6933, FAX (770) 514-6966

Lab Project No. M0207246 Report Date: 8/01/02 1 of 5

Client Name: **US Army Corp of Engineers - Atlanta**
Contact: **Tim Jones**
Address: Environmental & Materials Unit
200 North Cobb Parkway
Bldg. 400, Ste. 404
Marietta, GA 30062
Project Name: **Hunter AAF - Sabre Hall Complex**
Project ID: 7571
Receipt Date: 7/29/2002

Case Narrative

1. The sample holding times were met for all analyses.
2. Where applicable, results & reporting limits are based on wet weight; dry weight calculations available.
3. The temperature of the sample cooler as received by the laboratory was room temperature.

Approved By: AWS

Respectively Submitted:
Randy Braun
Hygeia Laboratories, Inc.

Sample Identification

Lab Sample #	Client Sample ID	Sample Supply	Collected
M0207246-01	B8672 TCLP	Bulk	7/28/2002
M0207246-02	B8658 TCLP	Bulk	7/28/2002
M0207246-03	B8659 TCLP	Bulk	7/28/2002
M0207246-04	Guard Shocks TCLP	Bulk	7/28/2002
M0207246-05	B8675 TCLP	Bulk	7/28/2002
M0207246-06	B8676 TCLP	Bulk	7/28/2002
M0207246-07	B8677 TCLP	Bulk	7/28/2002
M0207246-08	B8658-1-S	Other	7/28/2002
M0207246-09	B8659-1-S	Other	7/28/2002

Lab Project No. M0207246 Report Date: 8/01/02 2 of 5

Lead	CAS #: 7439-92-1	Units: mg/L (ppm)	Method #: EPA_1311/7420A
Matrix: Leachate		Prep Date: 7/29/2002	Analyst: SR

Lab Project #	Client ID:	Result	Report Limit	Flag Code
M0207246-01	B8672 TCLP	BRL	0.5	
M0207246-02	B8658 TCLP	BRL	0.5	
M0207246-03	B8659 TCLP	BRL	0.5	
M0207246-04	Guard Shocks TCLP	BRL	0.5	
M0207246-05	B8675 TCLP	BRL	0.5	
M0207246-06	B8676 TCLP	BRL	0.5	
M0207246-07	B8677 TCLP	BRL	0.5	

Total Lead	CAS #: 7439-92-1	Units: Percent by Weight(%)	Method #: EPA_7420A(MOD)
Matrix: Paint Chips		Prep Date: 7/29/2002	Analyst: SR

Lab Project #	Client ID:	Result	Report Limit	Flag Code
M0207246-08	B8658-1-S	0.17	0.01	
M0207246-09	B8659-1-S	0.11	0.01	

Lab Project No. M0207246 Report Date: 8/01/02 3 of 5

BatchID: H020730030 **Prep Analyst:** JL/MR/AE
Department: Metals **Prep Date:** 7/29/02 15:12
Prep Method: EPA_1311/7420A **Analyst:** SR
Analysis Method: EPA_1311/7420A **Analysis Date:** 7/30/02 16:10

M0207246-05A

AnalyteName	Result	Unit
Lead	0.075	mg/L (ppm)

H020730030-MB

AnalyteName	Result	Unit	RDL
Lead	0	mg/L (ppm)	0.500

H020730030-LCS

AnalyteName	Result	Unit	%Recovery	Ctl Limits
Lead	0.990	mg/L (ppm)	99	80 - 120

H020730030-LCSD

AnalyteName	Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Lead	0.904	mg/L (ppm)	90	80 - 120	9.08	0 - 20

M0207246-05A-DUP

AnalyteName	Result	Parent Result	Unit	RPD	RPD Limits
Lead	0.0660	BRL	mg/L (ppm)	12.77	0 - 20

M0207246-05A-MS

AnalyteName	Result	Parent Result	Unit	%Recovery	Ctl Limits
Lead	1.08	BRL	mg/L (ppm)	101	75 - 125

M0207246-05A-MSD

AnalyteName	Result	Parent Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Lead	1.06	BRL	mg/L (ppm)	99	75 - 125	1.87	0 - 20

Lab Project No. M0207246 Report Date: 8/01/02 4 of 5

BatchID: H020730031 **Prep Analyst:** MR/JL
Department: Metals **Prep Date:** 7/29/02 16:45
Prep Method: EPA_7420A(MOD) **Analyst:** SR
Analysis Method: EPA_7420A(MOD) **Analysis Date:** 7/30/02 16:27

H020730031-MB

AnalyteName	Result	Unit	RDL
Total Lead	0	%	0.01000

H020730031-LCS

AnalyteName	Result	Unit	%Recovery	Ctl Limits
Total Lead	0.65530	%	89	80 - 120

H020730031-LCSD

AnalyteName	Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Total Lead	0.65240	%	88	80 - 120	0.44	0 - 20

Lab Project No. M0207246 Report Date: 8/01/02 5 of 5

Notes:
- Results relate only to the samples tested as received (See Chain-of-Custody).
- BRL = "Below Reporting Limit"
- RL = "Reporting Limit"
- Dates are presented in the format "month/day/year"

Certifications

Alabama - Lab ID 40970; Arkansas; Connecticut - No. PH 0208; Delaware - GA040; Georgia - No. 804; Indiana - Lab ID C-GA-01
Kentucky - Lab ID 90053, UST - No. 0005; Louisiana; Maryland - No. 293; Massachussetts No. M - GA040; North Carolina - No. 409
Rhode Island, License No. 245; South Carolina - No. 98012001; Tennessee - Lab ID 02827; Virginia - Lab ID 00024
South Carolina - No. 98012; Tennessee - Lab ID 02827 (DW), UST Program; Virginia - Lab ID 0024

Accreditations

American Association for Laboratory Accreditation, A2LA - No. 330.01;
American Industrial Hygiene Association, AIHA - Lab ID 100649; NELAC - State of Florida DOH, No. E87257

US Army Corps of Engineers
Savannah District
Environmental & Materials Unit

Chain of Custody Record

M0Z07246

Project Name: Hunter AAF - Sabre Hall Complex
Sampler: Tim Jones
Job #: 7571
TAT: 48 hrs

Date	Time	Pres.	Gr	Cm	Site Code/Sample Number	No. of Containers	TCLP Lead	% Lead in Paint			LAB #	SAD No.	Matrix
7-28-02	1455			✓	B 8672 TCLP	1	✓				1A	44149	Building Composite
	1535			✓	B 8658 TCLP	1	✓				2A	44150	
	1610			✓	B 8659 TCLP	1	✓				3A	44151	
	1645			✓	Guard Shacks TCLP	1	✓				4A	44152	
	1700			✓	B 8675 TCLP	1	✓				5A	44153	
	1713			✓	B 8676 TCLP	1	✓				6A	44154	
	1725			✓	B 8677 TCLP	1	✓				7A	44155	
	1545		✓		B 8658-1-S	1		✓			8A	44156	Paint scrape
↓	1615		✓		B 8659-1-S	1		✓			9A	44157	↓

Sampler / Relinquisher by: (sig) Tim Jones	Date/Time 1005 7-29-02	Received by: (sig) Randy Brown	Date/Time 10:05 7/29/02	Remarks: Fax results ASAP To Tim Jones 678-354-0330
Relinquished by: (sig)	Date/Time	Received by: (sig)	Date/Time	
Relinquished by: (sig)	Date/Time	Received by: (sig)	Date/Time	

U.S. Army Corps
of Engineers
Savannah District

U.S. ARMY CORPS OF ENGINEERS
ENVIRONMENTAL & MATERIALS UNIT
200 NORTH COBB PARKWAY
BUILDING 400, SUITE 404
MARIETTA, GA 30062

ASBESTOS SURVEY REPORT

BUILDING NO. 8675, QUONSET HUT
HUNTER ARMY AIR FIELD, GEORGIA

ASBESTOS INSPECTION REPORT
BUILDING NO. 8675, QUONSET HUT
HUNTER ARMY AIR FIELD, GEORGIA

INTRODUCTION

1. This report documents the asbestos inspection and survey of Building 8675 at the Sabre Hall Complex at Hunter Army Air Field; Georgia conducted 26 July 2002 by USACE Savannah District employees Tim Jones and Jack Ford. The survey was conducted in general accordance with the regulatory guidelines in the Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763 Subpart E Sections 763.80-763.88) and "Guidance for Controlling Asbestos-Containing Materials in Buildings" (Purple Book) (EPA publication number 560/5-85-024). Although not required by the AHERA guidelines, roof and other exterior miscellaneous materials were inspected.

2. Building 8675 was built in an unknown time frame and is of typical all steel Quonset hut construction with a bare concrete floor slab.

3. Building 8675 was visually inspected for suspected Asbestos Containing Materials (ACM) by an accredited inspector. No bulk samples were taken for asbestos analysis, as no suspected ACM were located. This report details ACM as identified at the time of inspection only.

SUMMARY

4. A thorough inspection of Building 8675 turned up no suspect asbestos containing materials.

Prepared by: _____
TIMOTHY A. JONES

U.S. Army Corps
of Engineers
Savannah District

U.S. ARMY CORPS OF ENGINEERS
ENVIRONMENTAL & MATERIALS UNIT
200 NORTH COBB PARKWAY
BUILDING 400, SUITE 404
MARIETTA, GA 30062

HAZARDOUS BUILDING MATERIALS SURVEY REPORT

BUILDING NO. 8675, QUONSET HUT
HUNTER ARMY AIR FIELD, GEORGIA

HAZARDOUS BUILDING MATERIALS REPORT
HUNTER ARMY AIR FIELD, GEORGIA
BUILDING 8675, QUONSET HUT

INTRODUCTION

1. This report documents the hazardous building materials survey of Building No. 8675 at Hunter Army Air Field; Georgia conducted on 26 July 2002 by USACE Savannah District employees Tim Jones and Jack Ford. This survey was conducted in general accordance with the Statement of Services developed by Ray Willingham, USACE Savannah District, which includes the USAEHA guidance for demolition debris characterization by TCLP sampling.

2. The survey consists of a count of florescent and metal halide lights, a search for mercury containing equipment, a search for lead building components, a search for evidence of past or present underground storage tanks and a search for any other hazardous building materials excluding asbestos. The report also documents results of composite sampling of building materials for demolition debris characterization by analysis of TCLP lead.

3. Building 8675 was built in an unknown time frame and is of typical all steel Quonset hut construction with a bare concrete floor slab. Due to the construction of the building, the TCLP sampling was performed in general accordance with composite sample estimated percentages for Metal structures in the USAEHA guidance. Since the building is only steel and concrete construction the components for TCLP analysis were adjusted to reflect building construction. These adjustments are indicated in Table 2. No physical sampling of other hazardous components was performed, only a visual counting was performed.

4. The sampled components for identification of TCLP lead, in their proper percentages, were analyzed by Hygeia Laboratories using EPA methods 1311 for extraction followed by 6010B analysis. Hygeia's analytical report is included in Appendix 1.

SUMMARY

5. The florescent light count results are presented in Table 1.

6. Sampling of building components was performed as required and components were processed and mixed in the proper percentages and given a sample identification of B8675 TCLP. TCLP analysis by Hygeia Laboratories indicates that lead is not present above the regulatory limit of 5mg/L. Field sampling data including component type, color, TCLP mix percentage and approximate sampling location is presented in Table 2. Approximate locations of material sub-samples are indicated in the floor plan.

7. No mercury containing switches or thermostats were located in Building 8675.

8. No lead building components were located.

9. No other hazardous building materials were located in Building 8675.

Prepared by: _____
TIMOTHY A. JONES

Tables

TABLE 1
HUNTER ARMY AIR FIELD, BLDG. 8675
FLORESCENT LIGHT FIXTURES

AREA IDENTIFICATION	# & TYPE LIGHTS PRESENT	DESCRIPTION OF LIGHTS
Interior	24	4 foot long, 2 bulb florescent fixtures
Exterior Interior	2	1 foot square exit light fixtures

TABLE 2
HUNTER ARMY AIR FIELD, BLDG. 8675
TCLP COMPOSITE SAMPLE COMPONENTS

BUILDING COMPONENT	DESCRIPTION	LOCATION	PERCENTAGE OF SAMPLE
Unpainted Wood	Steel wall substituted	Exterior	7%
Interior wall covering	Steel wall substituted	Exterior	40%
Roofing Components	Steel wall substituted	Exterior	7%
Interior Floor Coverings	Unpainted concrete	Interior	12%
Block, Brick, Concrete	Unpainted concrete	Interior	7%
Ceiling Material	Steel wall substituted	Exterior	25%
Painted Wood-Interior	Steel wall substituted	Exterior	1%
Painted Wood-Exterior	Steel wall substituted	Exterior	1%

Floor Plan
And
Sampling Locations

(See Contract Drawings)

Appendix 1

HYGEIA LABORATORIES, INC.
1300 Williams Drive, Suite A - Marietta, Georgia 30066-6299 - (770) 514-6933, FAX (770) 514-6966

Lab Project No. M0207246 Report Date: 8/01/02 1 of 5

Client Name: **US Army Corp of Engineers - Atlanta**
Contact: **Tim Jones**
Address: Environmental & Materials Unit
200 North Cobb Parkway
Bldg. 400, Ste. 404
Marietta, GA 30062
Project Name: **Hunter AAF - Sabre Hall Complex**
Project ID: 7571
Receipt Date: 7/29/2002

Case Narrative

1. The sample holding times were met for all analyses.
2. Where applicable, results & reporting limits are based on wet weight; dry weight calculations available.
3. The temperature of the sample cooler as received by the laboratory was room temperature.

Approved By: AWS

Respectively Submitted:
Randy Braun
Hygeia Laboratories, Inc.

Sample Identification

Lab Sample #	Client Sample ID	Sample Supply	Collected
M0207246-01	B8672 TCLP	Bulk	7/28/2002
M0207246-02	B8658 TCLP	Bulk	7/28/2002
M0207246-03	B8659 TCLP	Bulk	7/28/2002
M0207246-04	Guard Shocks TCLP	Bulk	7/28/2002
M0207246-05	B8675 TCLP	Bulk	7/28/2002
M0207246-06	B8676 TCLP	Bulk	7/28/2002
M0207246-07	B8677 TCLP	Bulk	7/28/2002
M0207246-08	B8658-1-S	Other	7/28/2002
M0207246-09	B8659-1-S	Other	7/28/2002

Lab Project No. M0207246 Report Date: 8/01/02 2 of 5

Lead	CAS #: 7439-92-1	Units: mg/L (ppm)	Method #: EPA_1311/7420A
Matrix: Leachate		Prep Date: 7/29/2002	Analyst: SR

Lab Project #	Client ID:	Result	Report Limit	Flag Code
M0207246-01	B8672 TCLP	BRL	0.5	
M0207246-02	B8658 TCLP	BRL	0.5	
M0207246-03	B8659 TCLP	BRL	0.5	
M0207246-04	Guard Shocks TCLP	BRL	0.5	
M0207246-05	B8675 TCLP	BRL	0.5	
M0207246-06	B8676 TCLP	BRL	0.5	
M0207246-07	B8677 TCLP	BRL	0.5	

Total Lead	CAS #: 7439-92-1	Units: Percent by Weight(%)	Method #: EPA_7420A(MOD)
Matrix: Paint Chips		Prep Date: 7/29/2002	Analyst: SR

Lab Project #	Client ID:	Result	Report Limit	Flag Code
M0207246-08	B8658-1-S	0.17	0.01	
M0207246-09	B8659-1-S	0.11	0.01	

Lab Project No. M0207246 Report Date: 8/01/02 3 of 5

BatchID: H020730030 **Prep Analyst:** JL/MR/AE
Department: Metals **Prep Date:** 7/29/02 15:12
Prep Method: EPA_1311/7420A **Analyst:** SR
Analysis Method: EPA_1311/7420A **Analysis Date:** 7/30/02 16:10

M0207246-05A

AnalyteName	Result	Unit
Lead	0.075	mg/L (ppm)

H020730030-MB

AnalyteName	Result	Unit	RDL
Lead	0	mg/L (ppm)	0.500

H020730030-LCS

AnalyteName	Result	Unit	%Recovery	Ctl Limits
Lead	0.990	mg/L (ppm)	99	80 - 120

H020730030-LCSD

AnalyteName	Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Lead	0.904	mg/L (ppm)	90	80 - 120	9.08	0 - 20

M0207246-05A-DUP

AnalyteName	Result	Parent Result	Unit	RPD	RPD Limits
Lead	0.0660	BRL	mg/L (ppm)	12.77	0 - 20

M0207246-05A-MS

AnalyteName	Result	Parent Result	Unit	%Recovery	Ctl Limits
Lead	1.08	BRL	mg/L (ppm)	101	75 - 125

M0207246-05A-MSD

AnalyteName	Result	Parent Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Lead	1.06	BRL	mg/L (ppm)	99	75 - 125	1.87	0 - 20

Lab Project No. M0207246 Report Date: 8/01/02 4 of 5

BatchID: H020730031 **Prep Analyst:** MR/JL
Department: Metals **Prep Date:** 7/29/02 16:45
Prep Method: EPA_7420A(MOD) **Analyst:** SR
Analysis Method: EPA_7420A(MOD) **Analysis Date:** 7/30/02 16:27

H020730031-MB

AnalyteName	Result	Unit	RDL
Total Lead	0	%	0.01000

H020730031-LCS

AnalyteName	Result	Unit	%Recovery	Ctl Limits
Total Lead	0.65530	%	89	80 - 120

H020730031-LCSD

AnalyteName	Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Total Lead	0.65240	%	88	80 - 120	0.44	0 - 20

Lab Project No. M0207246 Report Date: 8/01/02 5 of 5

Notes:
- Results relate only to the samples tested as received (See Chain-of-Custody).
- BRL = "Below Reporting Limit"
- RL = "Reporting Limit"
- Dates are presented in the format "month/day/year"

Certifications

Alabama - Lab ID 40970; Arkansas; Connecticut - No. PH 0208; Delaware - GA040; Georgia - No. 804; Indiana - Lab ID C-GA-01
Kentucky - Lab ID 90053, UST - No. 0005; Louisiana; Maryland - No. 293; Massachussetts No. M - GA040; North Carolina - No. 409
Rhode Island, License No. 245; South Carolina - No. 98012001; Tennessee - Lab ID 02827; Virginia - Lab ID 00024
South Carolina - No. 98012; Tennessee - Lab ID 02827 (DW), UST Program; Virginia - Lab ID 0024

Accreditations

American Association for Laboratory Accreditation, A2LA - No. 330.01;
American Industrial Hygiene Association, AIHA - Lab ID 100649; NELAC - State of Florida DOH, No. E87257

US Army Corps of Engineers
Savannah District
Environmental & Materials Unit

Chain of Custody Record

M0Z07246

Project Name: Hunter AAF - Sabre Hall Complex
Sampler: Tim Jones
Job #: 7571
TAT: 48 hrs

Date	Time	Pres.	Gr	Cm	Site Code/Sample Number	No. of Containers	TCLP Lead	% Lead in Paint			LAB #	SAD No.	Matrix
7-28-02	1455			✓	B 8672 TCLP	1	✓				1A	44149	Building Composite
	1535			✓	B 8658 TCLP	1	✓				2A	44150	
	1610			✓	B 8659 TCLP	1	✓				3A	44151	
	1645			✓	Guard Shacks TCLP	1	✓				4A	44152	
	1700			✓	B 8675 TCLP	1	✓				5A	44153	
	1713			✓	B 8676 TCLP	1	✓				6A	44154	
	1725			✓	B 8677 TCLP	1	✓				7A	44155	
	1545		✓		B 8658-1-S	1		✓			8A	44156	Paint scrape
↓	1615		✓		B 8659-1-S	1		✓			9A	44157	↓

Sampler / Relinquisher by: (sig) Tim Jones	Date/Time 1005 7-29-02	Received by: (sig) Randy Brown	Date/Time 10:05 7/29/02	Remarks: Fax results ASAP To Tim Jones 678-354-0330
Relinquished by: (sig)	Date/Time	Received by: (sig)	Date/Time	
Relinquished by: (sig)	Date/Time	Received by: (sig)	Date/Time	

U.S. Army Corps
of Engineers
Savannah District

U.S. ARMY CORPS OF ENGINEERS
ENVIRONMENTAL & MATERIALS UNIT
200 NORTH COBB PARKWAY
BUILDING 400, SUITE 404
MARIETTA, GA 30062

ASBESTOS SURVEY REPORT

BUILDING NO. 8676, QUONSET HUT
HUNTER ARMY AIR FIELD, GEORGIA

ASBESTOS INSPECTION REPORT
BUILDING NO. 8676, QUONSET HUT
HUNTER ARMY AIR FIELD, GEORGIA

INTRODUCTION

1. This report documents the asbestos inspection and survey of Building 8676 at the Sabre Hall Complex at Hunter Army Air Field; Georgia conducted 26 July 2002 by USACE Savannah District employees Tim Jones and Jack Ford. The survey was conducted in general accordance with the regulatory guidelines in the Asbestos Hazard Emergency Response Act (AHERA) (40 CFR Part 763 Subpart E Sections 763.80-763.88) and "Guidance for Controlling Asbestos-Containing Materials in Buildings" (Purple Book) (EPA publication number 560/5-85-024). Although not required by the AHERA guidelines, roof and other exterior miscellaneous materials were inspected.

2. Building 8676 was built in an unknown time frame and is of typical all steel Quonset hut construction with a bare concrete floor slab.

3. Building 8676 was visually inspected for suspected Asbestos Containing Materials (ACM) by an accredited inspector. No bulk samples were taken for asbestos analysis, as no suspected ACM were located. This report details ACM as identified at the time of inspection only.

SUMMARY

4. A thorough inspection of Building 8676 turned up no suspect asbestos containing materials.

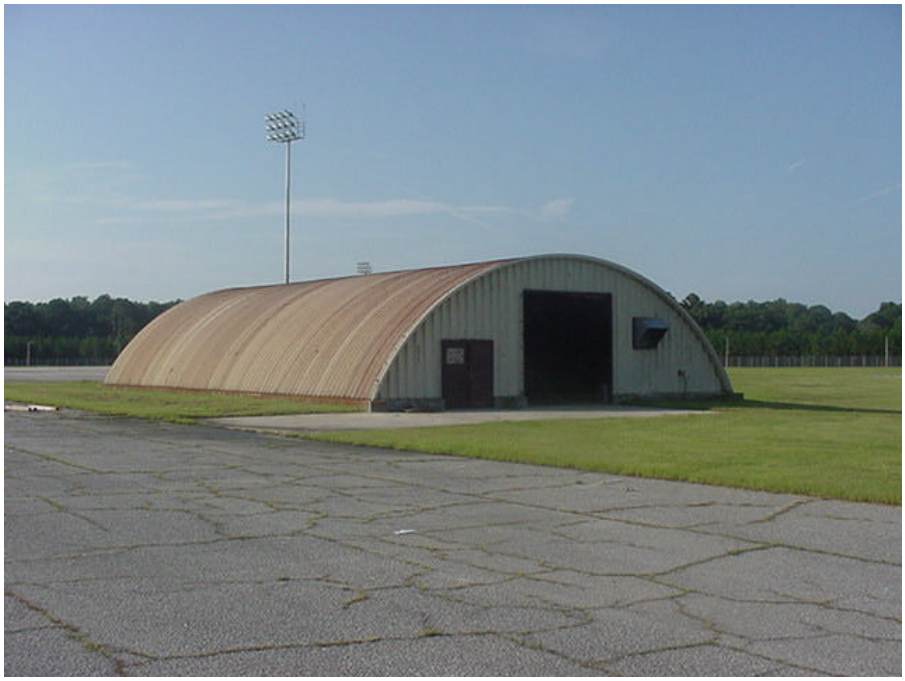
Prepared by: _____
TIMOTHY A. JONES

U.S. Army Corps
of Engineers
Savannah District

U.S. ARMY CORPS OF ENGINEERS
ENVIRONMENTAL & MATERIALS UNIT
200 NORTH COBB PARKWAY
BUILDING 400, SUITE 404
MARIETTA, GA 30062

HAZARDOUS BUILDING MATERIALS SURVEY REPORT

BUILDING NO. 8676, QUONSET HUT
HUNTER ARMY AIR FIELD, GEORGIA



HAZARDOUS BUILDING MATERIALS REPORT
HUNTER ARMY AIR FIELD, GEORGIA
BUILDING 8676, QUONSET HUT

INTRODUCTION

1. This report documents the hazardous building materials survey of Building No. 8676 at Hunter Army Air Field; Georgia conducted on 26 July 2002 by USACE Savannah District employees Tim Jones and Jack Ford. This survey was conducted in general accordance with the Statement of Services developed by Ray Willingham, USACE Savannah District, which includes the USAEHA guidance for demolition debris characterization by TCLP sampling.

2. The survey consists of a count of florescent and metal halide lights, a search for mercury containing equipment, a search for lead building components, a search for evidence of past or present underground storage tanks and a search for any other hazardous building materials excluding asbestos. The report also documents results of composite sampling of building materials for demolition debris characterization by analysis of TCLP lead.

3. Building 8676 was built in an unknown time frame and is of typical all steel Quonset hut construction with a bare concrete floor slab. Due to the construction of the building, the TCLP sampling was performed in general accordance with composite sample estimated percentages for Metal structures in the USAEHA guidance. Since the building is only steel and concrete construction the components for TCLP analysis were adjusted to reflect building construction. These adjustments are indicated in Table 2. No physical sampling of other hazardous components was performed, only a visual counting was performed.

4. The sampled components for identification of TCLP lead, in their proper percentages, were analyzed by Hygeia Laboratories using EPA methods 1311 for extraction followed by 6010B analysis. Hygeia's analytical report is included in Appendix 1.

SUMMARY

5. The florescent light count results are presented in Table 1.

6. Sampling of building components was performed as required and components were processed and mixed in the proper percentages and given a sample identification of B8676 TCLP. TCLP analysis by Hygeia Laboratories indicates that lead is not present above the regulatory limit of 5mg/L. Field sampling data including component type, color, TCLP mix percentage and approximate sampling location is presented in Table 2. Approximate locations of material sub-samples are indicated in the floor plan.

7. No mercury containing switches or thermostats were located in Building 8676.

8. No lead building components were located.

9. No other hazardous building materials were located in Building 8676.

Prepared by: _____
TIMOTHY A. JONES

Tables

TABLE 1
HUNTER ARMY AIR FIELD, BLDG. 8676
FLORESCENT LIGHT FIXTURES

AREA IDENTIFICATION	# & TYPE LIGHTS PRESENT	DESCRIPTION OF LIGHTS
Interior	24	4 foot long, 2 bulb florescent fixtures
Exterior Interior	2	1 foot square exit light fixtures

TABLE 2
HUNTER ARMY AIR FIELD, BLDG. 8676
TCLP COMPOSITE SAMPLE COMPONENTS

BUILDING COMPONENT	DESCRIPTION	LOCATION	PERCENTAGE OF SAMPLE
Unpainted Wood	Steel wall substituted	Exterior	7%
Interior wall covering	Steel wall substituted	Exterior	40%
Roofing Components	Steel wall substituted	Exterior	7%
Interior Floor Coverings	Unpainted concrete	Interior	12%
Block, Brick, Concrete	Unpainted concrete	Interior	7%
Ceiling Material	Steel wall substituted	Exterior	25%
Painted Wood-Interior	Steel wall substituted	Exterior	1%
Painted Wood-Exterior	Steel wall substituted	Exterior	1%

Floor Plan
And
Sampling Locations

(See Contract Drawings)

Appendix 1

HYGEIA LABORATORIES, INC.
1300 Williams Drive, Suite A - Marietta, Georgia 30066-6299 - (770) 514-6933, FAX (770) 514-6966

Lab Project No. M0207246 Report Date: 8/01/02 1 of 5

Client Name: **US Army Corp of Engineers - Atlanta**
Contact: **Tim Jones**
Address: Environmental & Materials Unit
200 North Cobb Parkway
Bldg. 400, Ste. 404
Marietta, GA 30062
Project Name: **Hunter AAF - Sabre Hall Complex**
Project ID: 7571
Receipt Date: 7/29/2002

Case Narrative

1. The sample holding times were met for all analyses.
2. Where applicable, results & reporting limits are based on wet weight; dry weight calculations available.
3. The temperature of the sample cooler as received by the laboratory was room temperature.

Approved By: AWS

Respectively Submitted:
Randy Braun
Hygeia Laboratories, Inc.

Sample Identification

Lab Sample #	Client Sample ID	Sample Supply	Collected
M0207246-01	B8672 TCLP	Bulk	7/28/2002
M0207246-02	B8658 TCLP	Bulk	7/28/2002
M0207246-03	B8659 TCLP	Bulk	7/28/2002
M0207246-04	Guard Shocks TCLP	Bulk	7/28/2002
M0207246-05	B8675 TCLP	Bulk	7/28/2002
M0207246-06	B8676 TCLP	Bulk	7/28/2002
M0207246-07	B8677 TCLP	Bulk	7/28/2002
M0207246-08	B8658-1-S	Other	7/28/2002
M0207246-09	B8659-1-S	Other	7/28/2002

Lab Project No. M0207246 Report Date: 8/01/02 2 of 5

Lead	CAS #: 7439-92-1	Units: mg/L (ppm)	Method #: EPA_1311/7420A
Matrix: Leachate		Prep Date: 7/29/2002	Analyst: SR

Lab Project #	Client ID:	Result	Report Limit	Flag Code
M0207246-01	B8672 TCLP	BRL	0.5	
M0207246-02	B8658 TCLP	BRL	0.5	
M0207246-03	B8659 TCLP	BRL	0.5	
M0207246-04	Guard Shocks TCLP	BRL	0.5	
M0207246-05	B8675 TCLP	BRL	0.5	
M0207246-06	B8676 TCLP	BRL	0.5	
M0207246-07	B8677 TCLP	BRL	0.5	

Total Lead	CAS #: 7439-92-1	Units: Percent by Weight(%)	Method #: EPA_7420A(MOD)
Matrix: Paint Chips		Prep Date: 7/29/2002	Analyst: SR

Lab Project #	Client ID:	Result	Report Limit	Flag Code
M0207246-08	B8658-1-S	0.17	0.01	
M0207246-09	B8659-1-S	0.11	0.01	

Lab Project No. M0207246 Report Date: 8/01/02 3 of 5

BatchID: H020730030 **Prep Analyst:** JL/MR/AE
Department: Metals **Prep Date:** 7/29/02 15:12
Prep Method: EPA_1311/7420A **Analyst:** SR
Analysis Method: EPA_1311/7420A **Analysis Date:** 7/30/02 16:10

M0207246-05A

AnalyteName	Result	Unit
Lead	0.075	mg/L (ppm)

H020730030-MB

AnalyteName	Result	Unit	RDL
Lead	0	mg/L (ppm)	0.500

H020730030-LCS

AnalyteName	Result	Unit	%Recovery	Ctl Limits
Lead	0.990	mg/L (ppm)	99	80 - 120

H020730030-LCSD

AnalyteName	Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Lead	0.904	mg/L (ppm)	90	80 - 120	9.08	0 - 20

M0207246-05A-DUP

AnalyteName	Result	Parent Result	Unit	RPD	RPD Limits
Lead	0.0660	BRL	mg/L (ppm)	12.77	0 - 20

M0207246-05A-MS

AnalyteName	Result	Parent Result	Unit	%Recovery	Ctl Limits
Lead	1.08	BRL	mg/L (ppm)	101	75 - 125

M0207246-05A-MSD

AnalyteName	Result	Parent Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Lead	1.06	BRL	mg/L (ppm)	99	75 - 125	1.87	0 - 20

Lab Project No. M0207246 Report Date: 8/01/02 4 of 5

BatchID: H020730031 **Prep Analyst:** MR/JL
Department: Metals **Prep Date:** 7/29/02 16:45
Prep Method: EPA_7420A(MOD) **Analyst:** SR
Analysis Method: EPA_7420A(MOD) **Analysis Date:** 7/30/02 16:27

H020730031-MB

AnalyteName	Result	Unit	RDL
Total Lead	0	%	0.01000

H020730031-LCS

AnalyteName	Result	Unit	%Recovery	Ctl Limits
Total Lead	0.65530	%	89	80 - 120

H020730031-LCSD

AnalyteName	Result	Unit	%Recovery	Ctl Limits	RPD	RPD Limits
Total Lead	0.65240	%	88	80 - 120	0.44	0 - 20

Lab Project No. M0207246 Report Date: 8/01/02 5 of 5

Notes:
- Results relate only to the samples tested as received (See Chain-of-Custody).
- BRL = "Below Reporting Limit"
- RL = "Reporting Limit"
- Dates are presented in the format "month/day/year"

Certifications

Alabama - Lab ID 40970; Arkansas; Connecticut - No. PH 0208; Delaware - GA040; Georgia - No. 804; Indiana - Lab ID C-GA-01
Kentucky - Lab ID 90053, UST - No. 0005; Louisiana; Maryland - No. 293; Massachussetts No. M - GA040; North Carolina - No. 409
Rhode Island, License No. 245; South Carolina - No. 98012001; Tennessee - Lab ID 02827; Virginia - Lab ID 00024
South Carolina - No. 98012; Tennessee - Lab ID 02827 (DW), UST Program; Virginia - Lab ID 0024

Accreditations

American Association for Laboratory Accreditation, A2LA - No. 330.01;
American Industrial Hygiene Association, AIHA - Lab ID 100649; NELAC - State of Florida DOH, No. E87257

US Army Corps of Engineers
Savannah District
Environmental & Materials Unit

Chain of Custody Record

M0Z07246

Project Name: Hunter AAF - Sabre Hall Complex
Sampler: Tim Jones
Job #: 7571
TAT: 48 hrs

Date	Time	Pres.	Gr	Cm	Site Code/Sample Number	No. of Containers	TCLP Lead	% Lead in Paint			LAB #	SAD No.	Matrix
7-28-02	1455			✓	B 8672 TCLP	1	✓				1A	44149	Building Composite
	1535			✓	B 8658 TCLP	1	✓				2A	44150	
	1610			✓	B 8659 TCLP	1	✓				3A	44151	
	1645			✓	Guard Shacks TCLP	1	✓				4A	44152	
	1700			✓	B 8675 TCLP	1	✓				5A	44153	
	1713			✓	B 8676 TCLP	1	✓				6A	44154	
	1725			✓	B 8677 TCLP	1	✓				7A	44155	
	1545		✓		B 8658-1-S	1		✓			8A	44156	Paint scrape
↓	1615		✓		B 8659-1-S	1		✓			9A	44157	↓

Sampler / Relinquisher by: (sig) Tim Jones	Date/Time 1005 7-29-02	Received by: (sig) Randy Brown	Date/Time 10:05 7/29/02	Remarks: Fax results ASAP To Tim Jones 678-354-0330
Relinquished by: (sig)	Date/Time	Received by: (sig)	Date/Time	
Relinquished by: (sig)	Date/Time	Received by: (sig)	Date/Time	