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5/17/2007

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Piping Closure Site Assessment Report
WI Army National Guard-MATES Facility
Fort McCoy, Wisconsin

5/17/07

May 1, 2007
by METCO



Excellence through experience™

This document was prepared by:

A handwritten signature in black ink, appearing to read "Ronald J. Anderson".

Ronald J. Anderson, P.G.
Senior Hydrogeologist/Project Manager



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2956 Airport Road ♦ La Crosse, WI 54603 ♦ 1-800-552-2932 ♦ Fax (608) 781-8893 Email: rona@metcohq.com ♦ www.metcohq.com

May 1, 2007

Pete Schuster
State of Wisconsin Department of Military Affairs
2400 Wright Street
Madison, WI 53708

Dear Mr. Schuster,

Enclosed is our "Piping Closure Site Assessment Report" concerning the removed underground piping system at the WI Army National Guard-MATES facility in Fort McCoy, Wisconsin. This document presents the procedures, methods, observations, and documentation used to conduct such a project.

As required, a copy of this report will be sent to the WDNR.

We appreciate the opportunity to be of service on this project. Should you have any questions or require additional information, do not hesitate to contact me at our La Crosse office.

Sincerely,

Ronald J. Anderson PG
Senior Hydrogeologist/Project Manager

Cc: Beth Norquist

TABLE OF CONTENTS

INTRODUCTION	1
SCOPE OF SERVICES	1
PROJECT CONCERNED PARTIES	1
SITE INFORMATION	2
OBSERVATIONS	2
CONCLUSIONS	3
STANDARD OF CARE	3
APPENDIX A/ SITE MAPS	4
APPENDIX B/ LABORATORY REPORT	5

**Piping Closure Site Assessment Report - METCO
WI Army National Guards-MATES**

INTRODUCTION

METCO was retained to perform a Piping Closure Site Assessment at the WI Army National Guards-MATES facility located in Fort McCoy, Wisconsin. The purpose of this site assessment was to: 1) Document piping system removal, 2) Determine if petroleum products have spilled or leaked into the environment, and 3) Determine if additional investigations are needed. This report presents the data and results of this assessment.

SCOPE OF SERVICES

Duties included collecting background information, field observations, laboratory analysis of collected soil samples, and subsequent report generation. All work was done in accordance with the Department of Commerce (DCOMM) and the Department of Natural Resources (WDNR) approved methods.

PROJECT CONCERNED PARTIES

Tank System Owner

Pete Schuster
State of Wisconsin Department of Military Affairs
2400 Wright Street
Madison, WI 53708
608-242-3355

General Contractor

METCO
102 Enterprise Drive
P.O. Box 448
Hillsboro, WI 54634
608-489-2198

State Certified Site Assessor

METCO
Ronald J. Anderson (#41861)
2956 Airport Road
La Crosse, WI 54603
608-781-8879

SITE INFORMATION

Site Address

242 East G Street, Fort McCoy, Wisconsin.

Tank Closure

On April 10, 2007, METCO removed underground piping that belonged to an existing 2,500 gallon diesel UST.

The piping, which was constructed of double-walled fiberglass, showed no evidence of cracks, holes, or leaks. No petroleum odors or staining were noticed in the surrounding soils.

The piping was properly disposed.

OBSERVATIONS

Geology

Native soils consisted of a tan fine to medium grained quartz sand.

Groundwater was not encountered.

Bedrock was not encountered.

Laboratory Results

SA-1 = <10 ppm DRO at 2-3 feet below ground surface.

SA-2 = <10 ppm DRO at 2-3 feet below ground surface.

Soil Sampling

The soil samples were collected for laboratory analysis with as little disturbance and exposure to the air as possible.

Using a clean shovel and gloved hand, the soil samples were collected and placed in a laboratory specified, clean, clear, glass container with a screw on, Teflon lined cap. The sample was then packed in a cooler containing ice and hand delivered to Synergy Environmental Labs located in Appleton, Wisconsin.

Tool Cleaning Methods

No sampling tools were cleaned on-site and no wastewater produced.

CONCLUSIONS

According to the WDNR, if a collected soil sample tests more than 10 ppm for GRO or DRO, the current owner/operator of the facility is required to determine the complete extent of the contamination released from their tank system and possibly clean it up.

Since the laboratory analysis of the soil sample collected beneath the removed piping system showed no detect levels for petroleum products, METCO can only conclude that the piping has not released measurable amounts of contaminants into the areas sampled.

A copy of this report will be sent to the WDNR.

STANDARD OF CARE

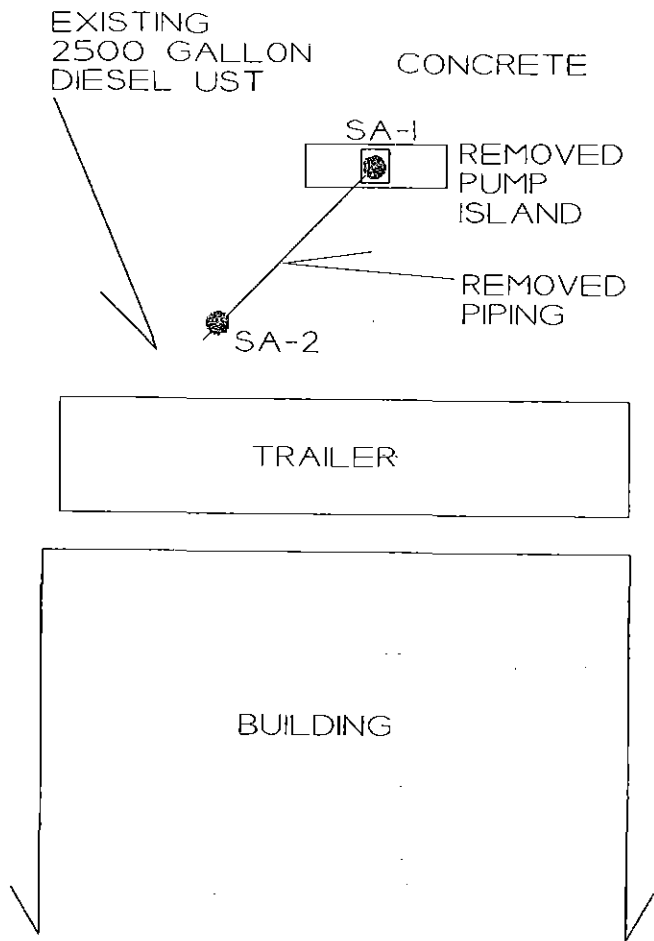
The analysis and conclusions expressed in this report are based upon data obtained from the subsurface evaluation at the indicated locations and from other information discussed in this report. Actual subsurface conditions may vary and may not become evident without further assessment.

The conclusions and recommendations contained in this report represent our professional opinions. All work conducted by METCO is in accordance with currently accepted hydrogeologic and engineering practices and they neither imply nor intend warranty.

We appreciate the opportunity to be of service on this project. If you have any questions or require additional information, please do not hesitate to contact us.

**Piping Closure Site Assessment Report - METCO
WI Army National Guards-MATES**

Appendix A/ Site Map



● - SOIL SAMPLING LOCATION

SITE LAYOUT MAP PIPING SYSTEM CLOSURE SITE ASSESSMENT CONDUCTED ON 4/10/06		
WI ARMY NATIONAL GUARDS-MATES FORT McCOY, WISCONSIN		
 <small>2056 AIRPORT ROAD LA CROSSE, WI 54603 608/784-8170 608/784-8503 FAX</small>	SCALE: 1 INCH = 20 FEET	
<small>PO BOX 448 DUNBARVILLE, WI 53124 608/482-2288 608/482-2340</small>		DRAWN BY: RA DATE: 4/30/07 JOB NO.:

RESULTS

SA-1 = <10 PPM DRO AT 2-3 FEET BELOW GROUND SURFACE
 SA-2 = <10 PPM DRO AT 2-3 FEET BELOW GROUND SURFACE

NOTE: THIS IS NOT A SURVEYED MAP.
 MEASUREMENTS AND SPACIAL
 RELATIONSHIPS MAY BE INCORRECT.

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

RON ANDERSON
METCO
2956 Airport Road
La Crosse, WI 54603

Report 18-Apr-07

Project Name WI ARMY NATIONAL GUARDS
Project #

Invoice # E15156

Lab 5015156A
Sample ID SA-1
Sample Soil
Sample Date 4/10/2007

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
General									
General									
Solids Percent	97.2	%			1	5021	4/16/2007	DJB	1

Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.62	2	1	DRO95	4/13/2007	MJR	1

Lab 5015156B
Sample ID SA-2
Sample Soil
Sample Date 4/10/2007

	Result	Unit	LOD	LOQ	Dil	Method	Run	Analyst	Code
General									
General									
Solids Percent	96.5	%			1	5021	4/16/2007	DJB	1

Organic									
General									
Diesel Range Organics	< 10	mg/kg	0.62	2	1	DRO95	4/13/2007	MJR	1

Project Name WI ARMY NATIONAL GUARDS
Project #

Invoice # E15156

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code *Comment*

1 Laboratory QC within limits.

Authorized Signature *Michael J. Ricker*

CHAIN OF CUSTODY RECORD



Environmental Lab, Inc.

Chain # **8388**

Page ____ of ____

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Sample Handling Request
____ Rush Analysis Date Required ____
(Rushes accepted only with prior authorization)
____ Normal Turn Around

Lab I.D. # _____
Account No. : _____ Quote No.: _____
Project #: _____
Sampler: (signature) *Theresa A. Huth*

Project (Name / Location): *WI Army National Guards - MATE S*
Reports To: *Mabco* Invoice To: *Mabco*
Company _____ Company _____
Address _____ Address _____
City State Zip _____ City State Zip _____
Phone _____ Phone _____
FAX _____ FAX _____

Analysis Requested								Other Analysis																														
Lab I.D.	Sample I.D.	Collection Date	Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PVOC (EPA 8021)	VOC (EPA 8260)	VOC DW (EPA 524.2)	PAH (EPA 8270)	Total Suspended Solids	Lead	Other Analysis										PID/FID										
<i>6015156A</i>	<i>SA-1</i>	<i>4/10/07</i>	<i>200</i>		<i>X</i>		<i>1</i>	<i>S</i>	<i>—</i>	<i>X</i>																												
<i>6015156B</i>	<i>SA-2</i>	<i>4/10/07</i>	<i>210</i>		<i>X</i>		<i>1</i>	<i>S</i>	<i>—</i>	<i>X</i>																												

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Sample Integrity: To be completed by receiving lab.
Method of Shipment: *Direct*
Temp. of Temp. Blank: On Ice
Cooler seat intact upon receipt: Yes No

Relinquished By: (sign) _____ Time _____ Date _____ Received By: (sign) _____ Time _____ Date _____

Received in Laboratory By: *Christina Pross* Time: *8:15* Date: *4/12/07*

**Piping Closure Site Assessment Report - METCO
WI Army National Guards-MATES**

Appendix B/ Laboratory Report