

**State of Wisconsin - Department of Natural Resources  
Substance Release Notification Report (SERTS)  
Report created on 10/27/2011**

SPILL ID# 20110713NO07-1 BRRTS# 04-07-557840

<b>Incident Date &amp; Time:</b> Unknown	<b>Reported Date &amp; Time:</b> 07/13/2011 10:19	<b>BRRTS No:</b> 04-07-557840	<b>Spill ID:</b> 20110713NO07-1
<b>DATCP Reported? No</b> <b>DATCP Transferred? No</b>	<b>NFA Letter Sent?</b> No	<b>ERP Transferred?</b> No	<b>Incident Closed?</b> Yes : 10/26/2011

Location			
<b>Region:</b> NO	<b>County:</b> Burnett	<b>Municipality:</b> DANIELS, TOWNSHIP OF	
<b>Facility/Property Name and Street Address:</b> PENTA WOODS PRODUCTS 8682 DANIEL 70		<b>Description:</b>	
<b>Facility Type:</b> Other			
<b>Lat/Long:</b>		<b>PLSS:</b>	<b>WTM:</b>
<b>Weather Conditions:</b>			

Responsible Parties			
<b>Name/Address (1):</b> US EPA 77 WEST JACKSON BLVD CHICAGO, IL - (312) 886-6217 x Primary	<b>Contact:</b> KELLY MCKENNA PROJECT MANAGER (414) 847-0561 x primary	<b>Other Contact:</b>	<b>Spill Packet:</b>

**Cause**

DROP PIPE VALE OPENED WHEN HIT WITH GARBAGE CAN DURING STORM

**Cause Type:** OTHER

Substances						
Name	Other / Comments	Amt Released	Amt Recovered	Type	Color	Odor
Fuel Oil	F032 WASTE - #2 FUEL OIL	2.0 Gal	2.0 Gal	LIQUID		

Environmental Impacts / Damages			
<b>Environmental Impacts:</b> SOIL OTHER IMPACT: IMPACT TO CONCRETE PAD AND SURROUNDING SOIL; NO WATERWAYS AFFECTED	<b>Resource Damages:</b> No	<b>Injuries:</b> No	<b>Evacuation:</b> No

Cleanup Actions	
Method	Description
Excavation	

**Cleanup Action Comments**

ONGOING WITH EXCAVATION RICHARD SPOKE WITH MIKE NIEBAUER(CH2MHILL) ON 7/25/11. IMPACTED SOIL HAS BEEN EXCAVATED AND THEY ARE AWAITING CONFORMATION SOIL SAMLING ANALYSIS. DOCUMENTATION WILL BE SUBMITTED WHEN ANALYSIS IS RECEIVED.

Contractors Hired	
Name	Description
OTHER	

State of Wisconsin - Department of Natural Resources  
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Waste Destinations				
Location		Description		
TRADEBE TREATMENT AND RECYCLING				
Agencies Notified / On Scene				
Agency	Notified	On Scene		
DNR	X			
Additional Comments				
SAGER RECEIVED RESPOSE REPORT VIA EMAIL ON 10/24/2011.				
Enforcement Action/Citation				
Enforcement Action/Citation? No				
Case Activity Reports:				
Person Reporting				
Name	Representing / Address	Primary Phone	Secondary Phone	
KELLY MCKENNA	CH2M HILL	(414) 847-0561 x		
Contractors Hired				
Name / Address			Zone Contractor Hired by DNR?	
			No	
Contacts				
Role	Name	Office Phone	Date	Time
Prepared By:	JOHN SAGER	(715) 365-8959 x	10/25/2011	
Person Notified:	JOHN SAGER		07/13/2011	
Investigated By:	PHIL RICHARD		07/13/2011	
Incident Commander:				
Spill Coordinator:	JOHN SAGER, NO Region	(715) 365-8959 x	10/26/2011	
Electronic Attachments (list)				
Name	Type			
20110713NO07-1_RP_Documentation_Response_Report.pdf	Portable Document Format			
20110713NO07-1_RP_Documentation_Soil_Disposal.pdf	Portable Document Format			
20110713NO07-1_RP_Documentation_Lab_Results.pdf	Portable Document Format			

**From:** Richard, Philip E - DNR  
**To:** Sager, John E - DNR;  
**Subject:** FW: spill report - Penta Wood  
**Date:** Monday, October 24, 2011 1:28:40 PM

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fyi

*Philip E. Richard*

Hydrogeologist  
Remediation and Redevelopment Program  
Wisconsin Department of Natural Resources  
**phone:** 715 762 1352  
**fax:** 715 762 4348  
**e-mail:** philip.richard@wisconsin.gov

---

**From:** Mike.Niebauer@CH2M.com [mailto:Mike.Niebauer@CH2M.com]  
**Sent:** Monday, October 24, 2011 11:11 AM  
**To:** Richard, Philip E - DNR  
**Subject:** spill report - Penta Wood

Hi Phil

Thanks for meeting me at the site last week, let me know if you any other questions. Here is the incident report for the spill at the site.

### Environmental Spill

On July 12, upon doing a normal site inspection the operator noticed that an amount of oily staining near the product storage tank. The stained soil was located adjacent to the concrete pad near the discharge pipe of the above ground product storage tank. A garbage can was found to have dislodged the discharge valve on the tank during a violent wind storm that had occurred a few days earlier. The garbage can had opened the valve discharging product located in the drop pipe which resulted in an estimated spill of 2 gallons of F032 waste (recovered NAPL). The spill was immediately reported to the project manager and environmental spill managers at CH2M HILL

who reported the spill to NRC and WI state spill hotlines. The operator immediately began to remove the contaminated soil and disposed of it into several 55-gallon drums. Approximately 2 cubic yards of soil was removed from a 7 foot long by 3 foot wide by 3 foot deep hole. Staining on the concrete beneath the tank was decontaminated and rinse water was containerized.

Three soil samples were collected from the sides and bottom of the excavation hole to confirm that gross contamination was removed. Analytical results for the three samples collected were received on July 26 and the results were 700 ug/kg, 620 ug/kg and 500 ug/kg for Pentachlorophenol. The results were below the site cleanup goals of 2.1 mg/kg for onsite soils and 0.9 mg/kg for offsite soils. These cleanup goals correspond to the lifetime cancer risk values for industrial and residential exposures. Clean fill will be placed back into the hole at the earliest convenient time. A cap of the drop pipe will be installed to prevent any other discharges in the future.

**Michael Niebauer, P.G.**

*Consultant/Hydrogeologist*

**CH2MHILL**

135 South 84th Street

Milwaukee, WI 53214

Direct – 608.298.7770

Cell – 917.647.6461

Fax – 414.272.4408

[mike.niebauer@ch2m.com](mailto:mike.niebauer@ch2m.com)

[www.ch2m.com](http://www.ch2m.com)

*Solutions Without Boundaries*

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**From:** [Mike.Niebauer@CH2M.com](mailto:Mike.Niebauer@CH2M.com)  
**To:** [Sager, John E - DNR;](#)  
**cc:** [Richard, Philip E - DNR; Keli.McKenna@CH2M.com;](#)  
**Subject:** Penta Wood release  
**Date:** Wednesday, October 26, 2011 10:26:10 AM  
**Attachments:** [J2164-1 UDS Level 2 Report Final Report.pdf](#)

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Hi John

The soil that was excavated in response to the spill of recovered free product (F032 waste) on July 12, 2011 at the Penta Wood facility in Siren WI was disposed of through our soil waste disposal processes that are currently in place at the facility. The solid waste was shipped off site to the Tradebe Treatment and Recycling facility in East Chicago IN under our USEPA ID no. WID006176945; the waste is ultimately incinerated at the Ross Incineration facility in Grafton OH. The decontamination waste water was processed through the treatment facility. Attached are the results of the three confirmation samples that were collected from the excavation. Please let me know if you have any other questions.

**Michael Niebauer, P.G.**  
*Consultant/Hydrogeologist*

**CH2MHILL**

135 South 84th Street  
Milwaukee, WI 53214  
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# TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

## ANALYTICAL REPORT

TestAmerica Laboratories, Inc.  
TestAmerica North Canton  
4101 Shuffel Street NW  
North Canton, OH 44720  
Tel: (330)497-9396

TestAmerica Job ID: 240-2164-1  
Client Project/Site: Penta Wood Products Site

For:  
CH2M Hill, Inc.  
135 South 84th Street  
Suite 400  
Milwaukee, Wisconsin 53214

Attn: Ms. Shannon Olson



*Authorized for release by:  
08/16/2011 03:20:29 PM*

Kenneth Kuzior  
Project Manager II  
ken.kuzior@testamericainc.com

### LINKS

Review your project  
results through

**TotalAccess**

Have a Question?



Visit us at:

[www.testamericainc.com](http://www.testamericainc.com)



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## Definitions/Glossary

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

### Qualifiers

#### GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.

### Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☆	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
DL, RA, RE, IN	Indicates a Dilution, Reanalysis, Re-extraction, or additional Initial metals/anion analysis of the sample
EDL	Estimated Detection Limit (Dioxin)
EPA	United States Environmental Protection Agency
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
ND	Not detected at the reporting limit (or method detection limit if shown)
PQL	Practical Quantitation Limit
RL	Reporting Limit
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

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## Case Narrative

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

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**Job ID: 240-2164-1**

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**Laboratory: TestAmerica North Canton**

**Narrative**

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### CASE NARRATIVE

**Client: CH2M Hill, Inc.**

**Project: Penta Wood Products Site**

**Report Number: 240-2164-1**

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica North Canton attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header.

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

#### RECEIPT

The samples were received on 07/22/2011; the samples arrived in good condition, properly preserved and on ice. The temperature of the cooler at receipt was 3.2 C.

#### CHLORINATED HERBICIDES

Samples 11CP04-54 (240-2164-1), 11CP04-55 (240-2164-2) and 11CP04-56 (240-2164-3) were analyzed for chlorinated herbicides in accordance with EPA SW-846 Method 8151A. The samples were analyzed on 07/27/2011.

Surrogates are added during the extraction process prior to dilution. When the sample dilution is 5X or greater, surrogate recoveries are diluted out and no corrective action is required.

Pentachlorophenol was detected in method blank MB 180-8280/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged "J". If the associated sample reported a result above the MDL and/or RL, the result has been "B" flagged. Refer to the QC report for details.

Samples 11CP04-54 (240-2164-1)[400X], 11CP04-55 (240-2164-2)[400X] and 11CP04-56 (240-2164-3)[100X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the herbicides analyses.

TestAmerica North Canton

08/16/2011



## Case Narrative

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

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### Job ID: 240-2164-1 (Continued)

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#### Laboratory: TestAmerica North Canton (Continued)

All other quality control parameters were within the acceptance limits.

#### PERCENT SOLIDS

Samples 11CP04-54 (240-2164-1), 11CP04-55 (240-2164-2) and 11CP04-56 (240-2164-3) were analyzed for percent solids in accordance with EPA SW846 Method 3550C. The samples were analyzed on 07/22/2011.

No difficulties were encountered during the % solids analyses.

All quality control parameters were within the acceptance limits.

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## Method Summary

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

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Method	Method Description	Protocol	Laboratory
8151A	Herbicides (GC)	SW846	TAL PIT
Moisture	Percent Moisture	EPA	TAL PIT

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**Protocol References:**

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

**Laboratory References:**

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

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# Sample Summary

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

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Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-2164-1	11CP04-54	Solid	07/21/11 12:00	07/22/11 10:15
240-2164-2	11CP04-55	Solid	07/21/11 12:15	07/22/11 10:15
240-2164-3	11CP04-56	Solid	07/21/11 12:30	07/22/11 10:15

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# Detection Summary

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

**Client Sample ID: 11CP04-54**

**Lab Sample ID: 240-2164-1**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pentachlorophenol	700	B	230	23	ug/Kg	400	*	8151A	Total/NA

**Client Sample ID: 11CP04-55**

**Lab Sample ID: 240-2164-2**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pentachlorophenol	620	B	240	24	ug/Kg	400	*	8151A	Total/NA

**Client Sample ID: 11CP04-56**

**Lab Sample ID: 240-2164-3**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Pentachlorophenol	500	B	59	5.9	ug/Kg	100	*	8151A	Total/NA

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## Client Sample Results

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

**Client Sample ID: 11CP04-54**

**Lab Sample ID: 240-2164-1**

Date Collected: 07/21/11 12:00

Matrix: Solid

Date Received: 07/22/11 10:15

Percent Solids: 96.1

Method: 8151A - Herbicides (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	700	B	230	23	ug/Kg	☼	07/25/11 05:39	07/27/11 14:32	400
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	53		42 - 140				07/25/11 05:39	07/27/11 14:32	400

**Client Sample ID: 11CP04-55**

**Lab Sample ID: 240-2164-2**

Date Collected: 07/21/11 12:15

Matrix: Solid

Date Received: 07/22/11 10:15

Percent Solids: 93.1

Method: 8151A - Herbicides (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	620	B	240	24	ug/Kg	☼	07/25/11 05:39	07/27/11 14:56	400
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	57		42 - 140				07/25/11 05:39	07/27/11 14:56	400

**Client Sample ID: 11CP04-56**

**Lab Sample ID: 240-2164-3**

Date Collected: 07/21/11 12:30

Matrix: Solid

Date Received: 07/22/11 10:15

Percent Solids: 93.7

Method: 8151A - Herbicides (GC)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Pentachlorophenol	500	B	59	5.9	ug/Kg	☼	07/25/11 05:39	07/27/11 15:20	100
Surrogate	% Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4-Dichlorophenylacetic acid	54		42 - 140				07/25/11 05:39	07/27/11 15:20	100

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## Surrogate Summary

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

Method: 8151A - Herbicides (GC)

Matrix: Solid

Prep Type: Total/NA

### Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	DCPA1 (42-140)
240-2164-1	11CP04-54	53
240-2164-2	11CP04-55	57
240-2164-3	11CP04-56	54
LCS 180-8280/2-A	Lab Control Sample	85
LCSD 180-8280/3-A	Lab Control Sample Dup	83
MB 180-8280/1-A	Method Blank	68

#### Surrogate Legend

DCPA = 2,4-Dichlorophenylacetic acid

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## QC Sample Results

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

### Method: 8151A - Herbicides (GC)

<b>Lab Sample ID: MB 180-8280/1-A</b>						<b>Client Sample ID: Method Blank</b>				
<b>Matrix: Solid</b>						<b>Prep Type: Total/NA</b>				
<b>Analysis Batch: 8666</b>						<b>Prep Batch: 8280</b>				
		<b>MB</b>	<b>MB</b>							
<b>Analyte</b>		<b>Result</b>	<b>Qualifier</b>	<b>RL</b>	<b>MDL</b>	<b>Unit</b>	<b>D</b>	<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
Pentachlorophenol		1.10	J p	11	1.1	ug/Kg		07/25/11 05:39	07/27/11 12:32	20

<b>Lab Sample ID: MB 180-8280/1-A</b>						<b>Client Sample ID: Method Blank</b>				
<b>Matrix: Solid</b>						<b>Prep Type: Total/NA</b>				
<b>Analysis Batch: 8672</b>						<b>Prep Batch: 8280</b>				
		<b>MB</b>	<b>MB</b>							
<b>Surrogate</b>		<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>				<b>Prepared</b>	<b>Analyzed</b>	<b>Dil Fac</b>
2,4-Dichlorophenylacetic acid		68		42 - 140				07/25/11 05:39	07/27/11 12:56	20

<b>Lab Sample ID: LCS 180-8280/2-A</b>						<b>Client Sample ID: Lab Control Sample</b>				
<b>Matrix: Solid</b>						<b>Prep Type: Total/NA</b>				
<b>Analysis Batch: 8672</b>						<b>Prep Batch: 8280</b>				
<b>Analyte</b>			<b>Spike</b>	<b>Added</b>	<b>LCS</b>	<b>LCS</b>			<b>% Rec.</b>	
Pentachlorophenol			40.0		26.9		ug/Kg		67	60 - 140
<b>Surrogate</b>		<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
2,4-Dichlorophenylacetic acid		85		42 - 140						

<b>Lab Sample ID: LCSD 180-8280/3-A</b>						<b>Client Sample ID: Lab Control Sample Dup</b>				
<b>Matrix: Solid</b>						<b>Prep Type: Total/NA</b>				
<b>Analysis Batch: 8672</b>						<b>Prep Batch: 8280</b>				
<b>Analyte</b>			<b>Spike</b>	<b>Added</b>	<b>LCSD</b>	<b>LCSD</b>			<b>% Rec.</b>	<b>RPD</b>
Pentachlorophenol			40.0		25.3		ug/Kg		63	3
<b>Surrogate</b>		<b>% Recovery</b>	<b>Qualifier</b>	<b>Limits</b>						
2,4-Dichlorophenylacetic acid		83		42 - 140						



## QC Association Summary

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

### GC Semi VOA

#### Prep Batch: 8280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-8280/1-A	Method Blank	Total/NA	Solid	8151A	
MB 180-8280/1-A	Method Blank	Total/NA	Solid	8151A	
LCS 180-8280/2-A	Lab Control Sample	Total/NA	Solid	8151A	
LCSD 180-8280/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	
240-2164-1	11CP04-54	Total/NA	Solid	8151A	
240-2164-2	11CP04-55	Total/NA	Solid	8151A	
240-2164-3	11CP04-56	Total/NA	Solid	8151A	

#### Analysis Batch: 8666

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-8280/1-A	Method Blank	Total/NA	Solid	8151A	8280

#### Analysis Batch: 8672

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 180-8280/1-A	Method Blank	Total/NA	Solid	8151A	8280
LCS 180-8280/2-A	Lab Control Sample	Total/NA	Solid	8151A	8280
240-2164-1	11CP04-54	Total/NA	Solid	8151A	8280
240-2164-2	11CP04-55	Total/NA	Solid	8151A	8280
240-2164-3	11CP04-56	Total/NA	Solid	8151A	8280
LCSD 180-8280/3-A	Lab Control Sample Dup	Total/NA	Solid	8151A	8280

### General Chemistry

#### Analysis Batch: 8206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-2164-1	11CP04-54	Total/NA	Solid	Moisture	
240-2164-2	11CP04-55	Total/NA	Solid	Moisture	
240-2164-2 DU	11CP04-55	Total/NA	Solid	Moisture	
240-2164-3	11CP04-56	Total/NA	Solid	Moisture	

# Lab Chronicle

Client: CH2M Hill, Inc.  
 Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

**Client Sample ID: 11CP04-54**

**Lab Sample ID: 240-2164-1**

Date Collected: 07/21/11 12:00

Matrix: Solid

Date Received: 07/22/11 10:15

Percent Solids: 96.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			8280	07/25/11 05:39	KG	TAL PIT
Total/NA	Analysis	8151A		400	8672	07/27/11 14:32	DE	TAL PIT
Total/NA	Analysis	Moisture		1	8206	07/22/11 16:10	DW	TAL PIT

**Client Sample ID: 11CP04-55**

**Lab Sample ID: 240-2164-2**

Date Collected: 07/21/11 12:15

Matrix: Solid

Date Received: 07/22/11 10:15

Percent Solids: 93.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			8280	07/25/11 05:39	KG	TAL PIT
Total/NA	Analysis	8151A		400	8672	07/27/11 14:56	DE	TAL PIT
Total/NA	Analysis	Moisture		1	8206	07/22/11 16:10	DW	TAL PIT

**Client Sample ID: 11CP04-56**

**Lab Sample ID: 240-2164-3**

Date Collected: 07/21/11 12:30

Matrix: Solid

Date Received: 07/22/11 10:15

Percent Solids: 93.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared Or Analyzed	Analyst	Lab
Total/NA	Prep	8151A			8280	07/25/11 05:39	KG	TAL PIT
Total/NA	Analysis	8151A		100	8672	07/27/11 15:20	DE	TAL PIT
Total/NA	Analysis	Moisture		1	8206	07/22/11 16:10	DW	TAL PIT

**Laboratory References:**

TAL PIT = TestAmerica Pittsburgh, 301 Alpha Drive, RIDC Park, Pittsburgh, PA 15238, TEL (412)963-7058

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## Certification Summary

Client: CH2M Hill, Inc.  
Project/Site: Penta Wood Products Site

TestAmerica Job ID: 240-2164-1

Laboratory	Authority	Program	EPA Region	Certification ID
TestAmerica North Canton	ACLASS	DoD ELAP		ADE-1437
TestAmerica North Canton	California	NELAC	9	01144CA
TestAmerica North Canton	Connecticut	State Program	1	PH-0590
TestAmerica North Canton	Florida	NELAC	4	E87225
TestAmerica North Canton	Georgia	Georgia EPD	4	N/A
TestAmerica North Canton	Illinois	NELAC	5	200004
TestAmerica North Canton	Kansas	NELAC	7	E-10336
TestAmerica North Canton	Kentucky	State Program	4	58
TestAmerica North Canton	Minnesota	NELAC	5	039-999-348
TestAmerica North Canton	Nevada	State Program	9	OH-000482008A
TestAmerica North Canton	New Jersey	NELAC	2	OH001
TestAmerica North Canton	New York	NELAC	2	10975
TestAmerica North Canton	Ohio	OVAP	5	CL0024
TestAmerica North Canton	Pennsylvania	NELAC	3	68-00340
TestAmerica North Canton	USDA	USDA		P330-08-00123
TestAmerica North Canton	West Virginia	West Virginia DEP	3	210
TestAmerica North Canton	Wisconsin	State Program	5	999518190
TestAmerica Pittsburgh	ACLASS	DoD ELAP		ADE-1422
TestAmerica Pittsburgh	Arkansas	State Program	6	88-0690
TestAmerica Pittsburgh	California	NELAC	9	4224CA
TestAmerica Pittsburgh	Connecticut	State Program	1	PH-0688
TestAmerica Pittsburgh	Florida	NELAC	4	E871008
TestAmerica Pittsburgh	Illinois	NELAC	5	002602
TestAmerica Pittsburgh	Kansas	NELAC	7	E-10350
TestAmerica Pittsburgh	Louisiana	NELAC	6	04041
TestAmerica Pittsburgh	New Hampshire	NELAC	1	203011
TestAmerica Pittsburgh	New Jersey	NELAC	2	PA005
TestAmerica Pittsburgh	New York	NELAC	2	11182
TestAmerica Pittsburgh	North Carolina	North Carolina DENR	4	434
TestAmerica Pittsburgh	Pennsylvania	NELAC	3	02-00416
TestAmerica Pittsburgh	Pennsylvania	State Program	3	02-416
TestAmerica Pittsburgh	South Carolina	State Program	4	89014002
TestAmerica Pittsburgh	USDA	USDA		P-Soil-01
TestAmerica Pittsburgh	USDA	USDA		P330-10-00139
TestAmerica Pittsburgh	Utah	NELAC	8	STLP
TestAmerica Pittsburgh	West Virginia	West Virginia DEP	3	142
TestAmerica Pittsburgh	Wisconsin	State Program	5	998027800

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Accreditation may not be offered or required for all methods and analytes reported in this package. Please contact your project manager for the laboratory's current list of certified methods and analytes.



**USEPA Contract Laboratory Program  
Generic Chain of Custody**

<b>Reference Case</b>	
Client No:	11CP04
SDG No:	L

Date Shipped: 7/21/2011  
 Carrier Name: FedEx 8723 8291 8665  
 Airbill: 8723 8281 8654  
 Shipped to: TEST AMERICA NORTH  
 301 Alpha Dr. GANTON-  
 Pittsburgh, PA 4104-SHUFFEL ST NW  
 15238 NORTH-CANTON OH  
 44720  
 (330)-966-9789

Chain of Custody Record	
Relinquished By	(Date / Time)
Shawn Broughman	7/21/2011 1300
2	
3	
4	

Sampler Signature	
Received By	(Date / Time)
[Signature]	7/22/11 1015

<b>For Lab Use Only</b>	
Lab Contract No:	
Unit Price:	
Transfer To:	
Lab Contract No:	
Unit Price:	

SAMPLE No.	MATRIX/ SAMPLER	CONC/ TYPE	ANALYSIS/ TURNAROUND	TAG No./ PRESERVATIVE/ Bottles	STATION LOCATION	SAMPLE COLLECT DATE/TIME	FOR LAB USE ONLY Sample Condition On Receipt
11CP04-54	Soil (>12") 3.3 FT L/G Shawn Broughman		PCP. (21)	5C-7741 (Ice Only) (1)	PWP-STAIN-1 East wall	S: 7/21/2011 12:00	
11CP04-55	Soil (>12") 3.6 FT L/G Shawn Broughman		PCP. (21)	5C-7742 (Ice Only) (1)	PWP-STAIN-2 South wall	S: 7/21/2011 12:15	
11CP04-56	Soil (>12") 3.5 FT L/G Shawn Broughman		PCP. (21)	5C-7743 (Ice Only) (1)	PWP-STAIN-3 Mid <del>west</del> Bottom	S: 7/21/2011 12:30	

*72 hr TAT*

Shipment for Case Complete? <input type="checkbox"/>	Sample(s) to be used for laboratory QC:	Additional Sampler Signature(s): [Signature] 7/22/11 1015	Cooler Temperature Upon Receipt: 3.2	Chain of Custody Seal Number: 107905/107906
Analysis Key: PCP. = PCP	Concentration: L = Low, M = Low/Medium, H = High	Type/Designate: Composite = C, Grab = G	Custody Seal Intact? <input checked="" type="checkbox"/>	Shipment Iced? <input checked="" type="checkbox"/>

**TR Number: 5-264768350-072011-0002**

PR provides preliminary results. Requests for preliminary results will increase analytical costs.

Send Copy to: Sample Management Office, Attn: Heather Bauer, CSC, 15000 Conference Center Dr., Chantilly, VA 20151-3819; Phone 703/818-4200; Fax 703/81

**LABORATORY COPY**

## Login Sample Receipt Checklist

Client: CH2M Hill, Inc.

Job Number: 240-2164-1

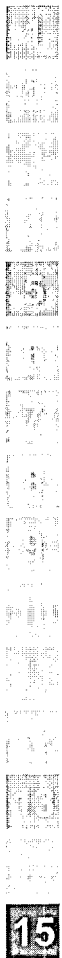
Login Number: 2164

List Source: TestAmerica North Canton

List Number: 1

Creator: McFadden, John

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	3.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



## Login Sample Receipt Checklist

Client: CH2M Hill, Inc.

Job Number: 240-2164-1

Login Number: 2164

List Number: 1

Creator: Radzevick, Jaclyn

List Source: TestAmerica Pittsburgh

List Creation: 07/22/11 03:01 PM

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	