



ENVIRONMENTAL CONSULTANTS

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Report: **Weekly Progress Report**

Project: **Former Two Rivers MGP Site
Removal Action Construction
Two Rivers, Wisconsin**

Date: January 6, 2015

Prepared By: Natural Resource Technology, Inc.
Mark D. Walter, PE
Kenneth R. Mika, PE

Submitted To: Integrys Business Support, LLC
Naren M. Prasad, PE
Stacy A. Brault

Activity Period: December 22 through December 28, 2014

Natural Resource Technology, Inc. Personnel on Site

- Mark Walter, **Field Engineer**
- Dan Vachon, **Field Technician**
- Todd Lewis, **Construction Manager**

Integrys/Wisconsin Public Service Corporation Personnel on Site

- Stacy Brault

Geo-Solutions, Inc. Personnel on Site

- None

U.S. EPA Personnel on Site

- None

Subcontractors on Site

- Schroeder Environmental Cleaning Services, Inc., **Pipe Grouting Contractor**

Others

- None

Visitors

- Tom Wentland, **WDNR**

This report summarizes field activities performed by NRT, GSI, and GSI's subcontractors, on behalf of IBS at the former Two Rivers Former MGP Site Time Critical Removal Action:

Site Activities

Removal Action Totals:

- Soil Direct Disposal through 12/28/14: 18,131.62 Tons
- Debris Direct Disposal (Concrete and Wood) through 12/28/14: 1,067.83 Tons
- Asbestos-Wrapped Pipe Direct Disposal through 12/28/14: 12.79 Tons
- Total Direct Disposal through 12/28/14: 19,212.24 Tons
- In-Situ Solidification/Stabilization (ISS) through 12/28/14: 48,273.96 Cubic Yards

Site Perimeter Air Monitoring:

- Real-time site perimeter air monitoring for TVOCs and PM₁₀ was conducted 24 hours per day, all seven days of the week. The locations of the perimeter air monitoring stations are shown on Figure 1.

NRT

- Oversaw grouting of the abandoned WPS gas line beneath the West Twin River by Schroeder Environmental Cleaning Services, Inc.
- Received and reviewed ISS CQA sample test results for UCS and hydraulic conductivity. Results are compared to ISS performance goals established in the Removal Action Work Plan (RAWP) Addendum 1 Construction Quality Assurance Project Plan (CQAPP).
- Performed perimeter air monitoring.

Geo-Solutions Inc.

- None.

Changes to Scope of Work

- None.

Open/Outstanding Items

- None.

Work planned for the week of December 29, 2014 through January 4, 2015

- Continue soil sampling at the base and sidewalls of the Excavation Area limits.
- Continue excavation and placement of filter fabric and stone backfill in the Excavation Area.
- Continue to excavate peat material in the ISS Area.
- Continue off-site trucking and disposal of peat material and wood piling debris.
- Continue construction of an ISS work pad.
- Continue full-scale ISS.
- Continue ISS CQA sampling.
- Continue perimeter air monitoring and sampling.
- Continue implementation of fugitive emission controls.

A Weekly Progress Report will be issued throughout the duration of field activities for this Time Critical Removal Action. A written report summarizing the results of the Removal Action will be provided following completion of all field activities.

Please contact us if you have any questions.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.



Kenneth R. Mika, PE
Environmental Engineer

Attachments:

Field Photos

Figure 1: Air Monitoring Station Locations

[P:\1500\1569\Construction\Field Reports\Weekly Reports\1569 NRT Two Rivers MGP Weekly Report 12-22-14 To 12-28-14.Docx]

Field Photos:



Photo 1: Roll-off dumpster for collection of pipe contents and grout.

Direction: Facing west

Photo Date: 12/22/2014

Photo Taken By: MDW



Photo 2: Connecting hose from WPS pipe connection to roll-off dumpster.

Direction: Facing southwest

Photo Date: 12/22/2014

Photo Taken By: MDW



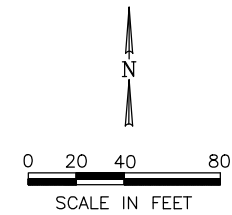
Photo 3: Grout from WPS pipe flowing through hose connection and into roll-off dumpster.

Direction: Facing southwest

Photo Date: 12/22/2014





Photo Taken By: MDW

Oct 30, 2014 1:33pm PLOTTED BY: rhopkins SAVED BY: rhopkins
I:\AcadData\Projects\15\1569 2riv\1569-148-B01.dwg Layout1
VPES: I:\GIS\Projects\15\1569 CAD\16_CAD\Manitowoc_Co_Imagery_2010_v2.tif;
VPES:



SOURCE NOTES:

1. COORDINATE REFERENCE SYSTEM IS NAD 1983
MANITOWOC COUNTY COORDINATE SYSTEM, FEET;
VERTICAL DATUM IS NAVD 1988 (US SURVEY FEET).
2. AERIAL PHOTOGRAPHY COURTESY ESRI.

	ISS AREA
	EXCAVATION AREA
	AIR MONITORING STATION LOCATION
	APPROXIMATE WPSC PROPERTY BOUNDARY



AIR MONITORING STATION LOCATIONS

FORMER TWO RIVERS MANUFACTURED GAS PLANT
WISCONSIN PUBLIC SERVICE CORPORATION
TWO RIVERS, WISCONSIN

DRAWN BY:	RLH	DATE:	10/30/14
CHECKED BY:	KRM	DATE:	10/30/14
APPROVED BY:	KRM	DATE:	12/12/14
DRAWING NO:	15691-148-B01		
REFERENCE:			

PROJECT NO.
1569.1/14.8

FIGURE NO.
1