State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Technical Assistance, Environmental Liability Clarification or Post-Closure Modification Request

Form 4400-237 (R 10/21)

Notice: Use this form to request **a written response (on agency letterhead)** from the Department of Natural Resources (DNR) regarding technical assistance, a post-closure change to a site, a specialized agreement or liability clarification for Property with known or suspected environmental contamination. A fee will be required as is authorized by s. 292.55, Wis. Stats., and NR 749, Wis. Adm. Code., unless noted in the instructions below. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Public Records law [ss. 19.31 - 19.39, Wis. Stats.].

Definitions

"Property" refers to the subject Property that is perceived to have been or has been impacted by the discharge of hazardous substances.

"Liability Clarification" refers to a written determination by the Department provided in response to a request made on this form. The response clarifies whether a person is or may become liable for the environmental contamination of a Property, as provided in s. 292.55, Wis. Stats.

"Technical Assistance" refers to the Department's assistance or comments on the planning and implementation of an environmental investigation or environmental cleanup on a Property in response to a request made on this form as provided in s. 292.55, Wis. Stats.

"Post-closure modification" refers to changes to Property boundaries and/or continuing obligations for Properties or sites that received closure letters for which continuing obligations have been applied or where contamination remains. Many, but not all, of these sites are included on the GIS Registry layer of RR Sites Map to provide public notice of residual contamination and continuing obligations.

Select the Correct Form

This from should be used to request the following from the DNR:

- Technical Assistance
- Liability Clarification
- Post-Closure Modifications
- Specialized Agreements (tax cancellation, negotiated agreements, etc.)

Do not use this form if one of the following applies:

- Request for an **off-site liability exemption or clarification** for Property that has been or is perceived to be contaminated by one or more hazardous substances that originated on another Property containing the source of the contamination. Use DNR's Off-Site Liability Exemption and Liability Clarification Application Form 4400-201.
- Submittal of an Environmental Assessment for the **Lender Liability Exemption**, s 292.21, Wis. Stats., **if no response or review by DNR is requested**. Use the Lender Liability Exemption Environmental Assessment Tracking Form 4400-196.
- Request for an **exemption to develop on a historic fill site** or licensed landfill. Use DNR's Form 4400-226 or 4400-226A.
- **Request for closure** for Property where the investigation and cleanup actions are completed. Use DNR's Case Closure - GIS Registry Form 4400-202.

All forms, publications and additional information are available on the internet at: dnr.wi.gov/topic/Brownfields/Pubs.html.

Instructions

1. Complete sections 1, 2, 6 and 7 for all requests. Be sure to provide adequate and complete information.

2. Select the type of assistance requested: Section 3 for technical assistance or post-closure modifications, Section 4 for a written determination or clarification of environmental liabilities; or Section 5 for a specialized agreement.

3. Include the fee payment that is listed in Section 3, 4, or 5, unless you are a "Voluntary Party" enrolled in the Voluntary Party Liability Exemption Program **and** the questions in Section 2 direct otherwise. Information on to whom and where to send the fee is found in Section 8 of this form.

4. Send the completed request, supporting materials and the fee to the appropriate DNR regional office where the Property is located. See the map on the last page of this form. A paper copy of the signed form and all reports and supporting materials shall be sent with an electronic copy of the form and supporting materials on a compact disk. For electronic document submittal requirements see: http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf"

The time required for DNR's determination varies depending on the complexity of the site, and the clarity and completeness of the request and supporting documentation.

Section 1. Contact and Recipient Information

Requester Information

This is the person requesting technical assistance or a post-closure modification review, that his or her liability be clarified or a specialized agreement and is identified as the requester in Section 7. DNR will address its response letter to this person.

Last Name	First	MI	Organization/ Business Name		
Belew	Mike		CBC DT LLC		
Mailing Address			City	State	ZIP Code
4706 Broadway, Suite 240			Kansas City	MO	64112
Phone # (include area code)	Fax # (include area code)		Email		
(816) 531-2082			mbelew@usfpco.com		

The requester listed above: (select all that apply)

- ☐ Is currently the owner
- ☐ Is considering selling the Property
- ☐ Is renting or leasing the Property
- ☐ Is considering acquiring the Property
- ☐ Is a lender with a mortgagee interest in the Property
- ☒ Other. Explain the status of the Property with respect to the applicant:

  Developing the property

Contact Information (to be contacted with questions about this request)

☐ Select if same as requester

Contact Last Name	First	MI	Organization/ Business Name		
Wise	Nicole		Environmental Works, Inc.		
Mailing Address			City	State	ZIP Code
1731 Locust Street			Kansas City	MO	64108
Phone # (include area code)	Fax # (include area code)		Email		
(816) 285-8410			nwise@environmentalworks.com		

☒ Property Owner (if different from requester)

Contact Last Name	First	MI	Organization/ Business Name		
			Pine Ridge Homes, Inc.		
Mailing Address			City	State	ZIP Code
			Beaver Dam	WI	53916
Phone # (include area code)	Fax # (include area code)		Email		

Section 2. Property Information

Property Name			FID No. (if known)		
Former Monarch Development, Lot 8					
BRRTS No. (if known)			Parcel Identification Number		
03-14-001263			206-1214-3342-107		
Street Address			City	State	ZIP Code
N Spring Street			Beaver Dam	WI	53916
County	Municipality where the Property is located		Property is composed of:		Property Size Acres
Dodge	◉ City ○ Town ○ Village of Beaver Dam		◉ Single tax parcel ○ Multiple tax parcels		1.26

1. Is a response needed by a specific date? (e.g., Property closing date) Note: Most requests are completed within 60 days. Please plan accordingly.

◯ No ◉ Yes

Date requested by: 06/02/2023

Reason: Construction starting soon

2. Is the "Requester" enrolled as a Voluntary Party in the Voluntary Party Liability Exemption (VPLE) program?

◉ No. **Include the fee that is required for your request in Section 3, 4 or 5.**

◯ Yes. **Do not include a separate fee.** This request will be billed separately through the VPLE Program.

Fill out the information in Section 3, 4 or 5 which corresponds with the type of request:
Section 3. Technical Assistance or Post-Closure Modifications;
Section 4. Liability Clarification; or Section 5. Specialized Agreement.

Section 3. Request for Technical Assistance or Post-Closure Modification

Select the type of technical assistance requested: [**Numbers in brackets are for WI DNR Use]**

☐ No Further Action Letter (NFA) (Immediate Actions) - NR 708.09, [183] - Include a fee of $350. Use for a written response to an immediate action after a discharge of a hazardous substance occurs. Generally, these are for a one-time spill event.

☐ Review of Site Investigation Work Plan - NR 716.09, [135] - **Include a fee of $700.**

☐ Review of Site Investigation Report - NR 716.15, [137] - **Include a fee of $1050.**

☐ Approval of a Site-Specific Soil Cleanup Standard - NR 720.10 or 12, [67] - **Include a fee of $1050.**

☐ Review of a Remedial Action Options Report - NR 722.13, [143] - **Include a fee of $1050.**

☐ Review of a Remedial Action Design Report - NR 724.09, [148] - **Include a fee of $1050.**

☐ Review of a Remedial Action Documentation Report - NR 724.15, [152] - **Include a fee of $350**

☐ Review of a Long-term Monitoring Plan - NR 724.17, [25] - **Include a fee of $425.**

☐ Review of an Operation and Maintenance Plan - NR 724.13, [192] - **Include a fee of $425.**

Other Technical Assistance - s. 292.55, Wis. Stats. [97] (For request to build on an abandoned landfill use Form 4400-226)

☐ Schedule a Technical Assistance Meeting - **Include a fee of $700.**

☐ Hazardous Waste Determination - **Include a fee of $700.**

☐ Other Technical Assistance - **Include a fee of $700.** Explain your request in an attachment.

Post-Closure Modifications - NR 727, [181]

☒ Post-Closure Modifications: Modification to Property boundaries and/or continuing obligations of a closed site or Property; sites may be on the GIS Registry. This also includes removal of a site or Property from the GIS Registry. **Include a fee of $1050, and:**

☒ Include a fee of $300 for sites with residual soil contamination; and

☒ Include a fee of $350 for sites with residual groundwater contamination, monitoring wells or for vapor intrusion continuing obligations.

Attach a description of the changes you are proposing, and documentation as to why the changes are needed (if the change to a Property, site or continuing obligation will result in revised maps, maintenance plans or photographs, those documents may be submitted later in the approval process, on a case-by-case basis).

Section 4. Request for Liability Clarification

Select the type of liability clarification requested. Use the available space given or attach information, explanations, or specific questions that you need answered in DNR's reply. Complete Sections 6 and 7 of this form. **[Numbers in brackets are for DNR Use]**

☐ "Lender" liability exemption clarification - s. 292.21, Wis. Stats. [686]

❖ **Include a fee of $700.**

Provide the following documentation:

(1) ownership status of the real Property, and/or the personal Property and fixtures;

(2) an environmental assessment, in accordance with s. 292.21, Wis. Stats.;

(3) the date the environmental assessment was conducted by the lender;

(4) the date of the Property acquisition; for foreclosure actions, include a copy of the signed and dated court order confirming the sheriff's sale.

(5) documentation showing how the Property was acquired and the steps followed under the appropriate state statutes.

(6) a copy of the Property deed with the correct legal description; and,

(7) the Lender Liability Exemption Environmental Assessment Tracking Form (Form 4400-196).

(8) If no sampling was done, please provide reasoning as to why it was **not** conducted. Include this either in the accompanying environmental assessment or as an attachment to this form, and cite language in s. 292. 21(1)(c)2.,h.-i., Wis. Stats.:

h. The collection and analysis of representative samples of soil or other materials in the ground that are suspected of being contaminated based on observations made during a visual inspection of the real Property or based on aerial photographs, or other information available to the lender, including stained or discolored soil or other materials in the ground and including soil or materials in the ground in areas with dead or distressed vegetation. The collection and analysis shall identify contaminants in the soil or other materials in the ground and shall quantify concentrations.

i. The collection and analysis of representative samples of unknown wastes or potentially hazardous substances found on the real Property and the determination of concentrations of hazardous waste and hazardous substances found in tanks, drums or other containers or in piles or lagoons on the real Property.

☐ "Representative" liability exemption clarification (e.g. trustees, receivers, etc.) - s. 292.21, Wis. Stats. [686]

❖ **Include a fee of $700.**

Provide the following documentation:

(1) ownership status of the Property;

(2) the date of Property acquisition by the representative;

(3) the means by which the Property was acquired;

(4) documentation that the representative has no beneficial interest in any entity that owns, possesses, or controls the Property;

(5) documentation that the representative has not caused any discharge of a hazardous substance on the Property; and

(6) a copy of the Property deed with the correct legal description.

☐ Clarification of local governmental unit (LGU) liability exemption at sites with: (select all that apply)

☐ hazardous substances spills - s. 292.11(9)(e), Wis. Stats. [649];

☐ Perceived environmental contamination - [649];

☐ hazardous waste - s. 292.24 (2), Wis. Stats. [649]; and/or

☐ solid waste - s. 292.23 (2), Wis. Stats. [649].

❖ **Include a fee of $700, a summary of the environmental liability clarification being requested, and the following:**

(1) clear supporting documentation showing the acquisition method used, and the steps followed under the appropriate state statute(s).

(2) current and proposed ownership status of the Property;

(3) date and means by which the Property was acquired by the LGU, where applicable;

(4) a map and the ¼, ¼ section location of the Property;

(5) summary of current uses of the Property;

(6) intended or potential use(s) of the Property;

(7) descriptions of other investigations that have taken place on the Property; and

(8) (for solid waste clarifications) a summary of the license history of the facility.

Section 4. Request for Liability Clarification (cont.)

☐ Lease liability clarification - s. 292.55, Wis. Stats. [646]

- ❖ **Include a fee of $700 for a single Property, or $1400 for multiple Properties and the information listed below:**

(1) a copy of the proposed lease;

(2) the name of the current owner of the Property and the person who will lease the Property;

(3) a description of the lease holder's association with any persons who have possession, control, or caused a discharge of a hazardous substance on the Property;

(4) map(s) showing the Property location and any suspected or known sources of contamination detected on the Property;

(5) a description of the intended use of the Property by the lease holder, with reference to the maps to indicate which areas will be used. Explain how the use will not interfere with any future investigation or cleanup at the Property; and

(6) all reports or investigations (e.g. Phase I and Phase II Environmental Assessments and/or Site Investigation Reports conducted under s. NR 716, Wis. Adm. Code) that identify areas of the Property where a discharge has occurred.

General or other environmental liability clarification - s. 292.55, Wis. Stats. [682] - Explain your request below.

- ❖ **Include a fee of $700 and an adequate summary of relevant environmental work to date.**

☐ No Action Required (NAR) - NR 716.05, [682]

- ❖ **Include a fee of $700.**

Use where an environmental discharge has or has not occurred, and applicant wants a DNR determination that no further assessment or clean-up work is required. Usually this is requested after a Phase I and Phase II environmental assessment has been conducted; the assessment reports should be submitted with this form. This is not a closure letter.

☐ Clarify the liability associated with a "closed" Property - s. 292.55, Wis. Stats. [682]

- ❖ **Include a fee of $700.**

- Include a copy of any closure documents if a state agency other than DNR approved the closure.

Use this space or attach additional sheets to provide necessary information, explanations or specific questions to be answered by the DNR.

Section 5. Request for a Specialized Agreement

Select the type of agreement needed. Include the appropriate draft agreements and supporting materials. Complete Sections 6 and 7 of this form. More information and model draft agreements are available at: dnr.wi.gov/topic/Brownfields/lgu.html#tabx4.

☐ Tax cancellation agreement - s. 75.105(2)(d), Wis. Stats. [654]

- ❖ **Include a fee of $700, and the information listed below:**

(1) Phase I and II Environmental Site Assessment Reports,

(2) a copy of the Property deed with the correct legal description.

☐ Agreement for assignment of tax foreclosure judgement - s.75.106, Wis. Stats. [666]

- ❖ **Include a fee of $700, and the information listed below:**

(1) Phase I and II Environmental Site Assessment Reports,

(2) a copy of the Property deed with the correct legal description.

☐ Negotiated agreement - Enforceable contract for non-emergency remediation - s. 292.11(7)(d) and (e), Wis. Stats. [630]

- ❖ **Include a fee of $1400, and the information listed below:**

(1) a draft schedule for remediation; and,

(2) the name, mailing address, phone and email for each party to the agreement.

Section 6. Other Information Submitted

Identify all materials that are included with this request.

Send both a paper copy of the signed form and all reports and supporting materials, and an electronic copy of the form and all reports, including Environmental Site Assessment Reports, and supporting materials on a compact disk.

Include one copy of any document from any state agency files that you want the Department to review as part of this request. The person submitting this request is responsible for contacting other state agencies to obtain appropriate reports or information.

- [x] Phase I Environmental Site Assessment Report - Date: 04/14/2023
- [x] Phase II Environmental Site Assessment Report - Date: 05/14/2009
- [ ] Legal Description of Property (required for all liability requests and specialized agreements)
- [x] Map of the Property (required for all liability requests and specialized agreements)

Analytical results of the following sampled media: Select all that apply and include date of collection.

- [x] Groundwater
- [x] Soil
- [ ] Sediment
- [ ] Other medium - Describe:

Date of Collection: 04/19/2009

- [x] A copy of the closure letter and submittal materials
- [ ] Draft tax cancellation agreement
- [ ] Draft agreement for assignment of tax foreclosure judgment
- [x] Other report(s) or information - Describe: Materials Management Plan

For Property with newly identified discharges of hazardous substances only: Has a notification of a discharge of a hazardous substance been sent to the DNR as required by s. NR 706.05(1)(b), Wis. Adm. Code?

- (●) Yes - Date (if known):
- ( ) No

Note: The Notification for Hazardous Substance Discharge Form - Non-Emergency Only (Form 4400-225) is accessible through the RR Program Submittal Portal application. Directions for using the form and the Submittal Portal application are available on the Submittal Portal web page.

Section 7. Certification by the Person who completed this form

- [x] I am the person submitting this request (requester)
- [x] I prepared this request for: Mike Belew
  Requester Name

I certify that I am familiar with the information submitted on this request, and that the information on and included with this request is true, accurate and complete to the best of my knowledge. I also certify I have the legal authority and the applicant's permission to make this request.

Valerie Gibson
Signature

5/22/23
Date Signed

Project Manager
Title

(816) 285-8410
Telephone Number (include area code)

Section 8. DNR Contacts and Addresses for Request Submittals

Send or deliver one paper copy and one electronic copy on a compact disk of the completed request, supporting materials, and fee to the region where the property is located to the address below. Contact a DNR regional brownfields specialist with any questions about this form or a specific situation involving a contaminated property. For electronic document submittal requirements see: http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf.

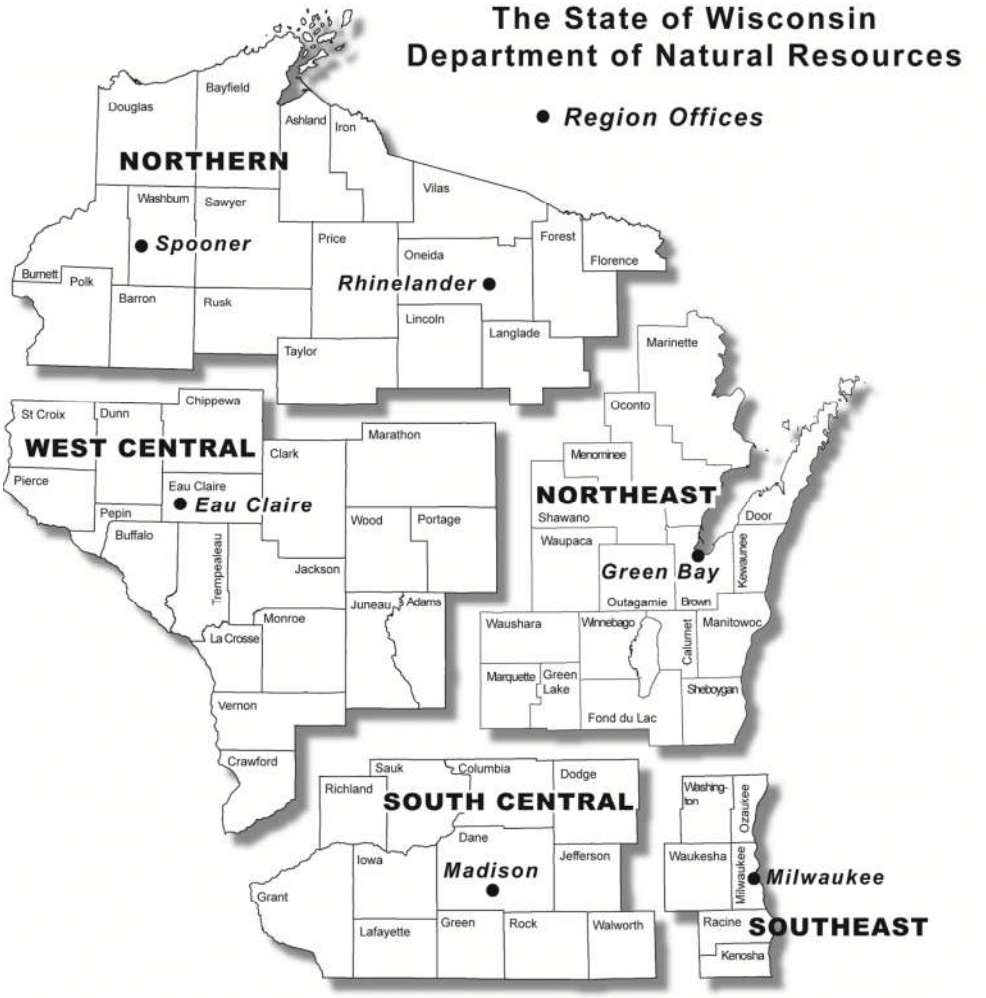
DNR NORTHERN REGION
Attn: RR Program Assistant
Department of Natural Resources
223 E Steinfest Rd Antigo, WI 54409

DNR NORTHEAST REGION
Attn: RR Program Assistant
Department of Natural Resources
2984 Shawano Avenue
Green Bay WI 54313

DNR SOUTH CENTRAL REGION
Attn: RR Program Assistant
Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg WI 53711

DNR SOUTHEAST REGION
Attn: RR Program Assistant
Milwaukee DNR Office
1027 West St. Paul Ave
Milwaukee WI 53233

DNR WEST CENTRAL REGION
Attn: RR Program Assistant
Department of Natural Resources
1300 Clairemont Ave.
Eau Claire WI 54702



Note: These are the Remediation and Redevelopment Program's designated regions. Other DNR program regional boundaries may be different.

DNR Use Only			
Date Received	Date Assigned	BRRTS Activity Code	BRRTS No. (if used)
DNR Reviewer	Comments		
Fee Enclosed? ◯ Yes ◯ No	Fee Amount $	Date Additional Information Requested	Date Requested for DNR Response Letter
Date Approved	Final Determination		

ENVIRONMENTAL WORKS

Science. Safety. Grit. Ingenuity.

MATERIALS MANAGEMENT PLAN

FORMER MONARCH DEVELOPMENT LOT 8
EAST MAIN STREET AND NORTH SPRING STREET
BEAVER DAM, WISCONSIN
DNR BRRTS #03-14-001263

Prepared For:
CBC Real Estate Group, LLC
Kansas City, Missouri

Prepared by:
Environmental Works, Inc.
Kansas City, Missouri

EWI Project #231816

May 22, 2023

Prepared by:

Valerie Gibson

Ms. Valerie Gibson
Project Manager

Reviewed by:

Gracie Tiffany

Ms. Gracie Tiffany
Operations Manager-Assessment

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Appendix A April 1, 2008, WDNR Final Case Closure with Land Use Limitations or Conditions Malleable Iron Range

Appendix B May 14, 2009, Shaw Environmental, Inc. Summary of Lot 8 Geoprobe Investigation

Appendix C April 14, 2023, EWI, Phase I Environmental Site Assessment, Unoccupied Land, South of East Main Street and North Spring Street Beaver Dam, Wisconsin (Executive Summary)

LIST OF ACRONYMS

bgs	Below ground surface
BMP	Best management practices
COC	Chemical of concern
EP	Environmental professional
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
EWI	Environmental Works, Inc.
ft	Feet
HAZWOPER	Hazardous Waste Operations and Emergency Response
OSHA	Occupational Health & Safety Administration
PCL	Protective Concentration Levels
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Condition
RCL	Residual Contaminant Levels
SF	Square foot
MMP	Materials Management Plan
TCLP	Toxicity characteristic leaching procedure
US EPA	United States Environmental Protection Agency
USGS	United States Geological Survey
WDNR	Wisconsin Department of Natural Resources

1.0 INTRODUCTION

Environmental Works, Inc. (EWI) was retained by CBC Real Estate Group, LLC (CBC) (Client) to prepare a Materials Management Plan (MMP) for construction activities planned for the property ("Site" or "Subject Property") located at South of East Main Street and North Spring Street in Beaver Dam, Dodge County, Wisconsin (see Figure 1). The Subject Property consists of a 1.25-acre parcel of unoccupied grass-covered land, located in an area of commercial land, and is owned by Pine Ridge Homes Inc.

This MMP will assist future owners, operators, developers and others by providing a general outline of activities that should be implemented during intrusive activities that occur at the Site. Any entity performing the intrusive activities described below, including but not limited to, personnel from the local municipality, environmental consultants, construction contractors, utility contractors, developers, and future owners are recommended to follow the procedures outlined in this MMP. Contact information for EWI staff to assist with implementing MMP activities is provided in Section 4.0.

1.1 SITE DESCRIPTION AND KNOWN OR SUSPECTED AREAS OF CHEMICALS OF CONCERN

The Monarch Malleable Iron Range factory (MAFCO) operated on an 8.5-acre property at 715 North Spring Street, Beaver Dam, Wisconsin, which included the Subject Property (Lot 8). Beginning as early as 1896, MAFCO manufactured coal, wood, gas, and electric heaters, stoves and ranges and later expanded to include refrigerators, furnaces, washing machines, irons, and other household products. Manufacturing processes included foundry operations, painting, paint stripping, electroplating, acid treatment, porcelain enameling, and assembly. The appliances that withstood heat were manufactured with asbestos insulation, which lead to lawsuits and ultimately MAFCO's bankruptcy in the 1970s. The factory went out of business in 1985.

Features on the Subject Property in 1909 were MAFCO buildings and a dwelling that was removed by 1914 for additional MAFCO development and a rail spur. MAFCO buildings contained foundries, various sheds, and a manufacturing building. Deconstruction of the MAFCO facility began in the 1990s. By 2005, the Subject Property consisted of unoccupied grass-covered lot through the present day.

The MAFCO facility had multiple spills, leaks, violations, and documented environmental issues requiring remediation of contaminated soil and groundwater. Soil was contaminated with volatile organic compounds (VOCs), polynuclear aromatic hydrocarbons (PAHs), polychlorinated biphenyls (PCBs), and metals. Groundwater was contaminated with VOCs, notably benzene, trichloroethene (TCE), tetrachloroethene (PCE). Environmental remediation included excavating a PCB spill in 1984, removal of underground storage tanks (USTs), cleanup of petroleum from leaking underground storage tanks (LUSTs), and soil vapor extraction.

Groundwater monitoring wells were installed throughout the MAFCO property and were monitored through December 2006. Groundwater monitoring data was provided in the WDNR Conditional Closure Decision dated April 1, 2008 (Appendix A). Two (2) groundwater monitoring wells were on the Subject Property (RWD-2 and RWA-1), See Figure 1. In 2006, the only groundwater exceedance of WDNR Enforcement Standards on the Site was vinyl chloride reported from RWD-2, located near the southeast corner of the Subject Property at 1.3 parts per billion (ppb) above the Enforcement Standard 0.2

microgram per liter (µg/L, comparable to ppb). Reported groundwater concentrations in 2006 are below the Environmental Protection Agency (EPA) Vapor Intrusion Screening Levels (VISLs).

In other areas of the MAFCO property, concentrations of contaminants of concern exceeded WDNR Enforcement Standards in 2006, however, the MAFCO facility was granted final case closure in April 2008 by the WDNR with Land Use Limitations and Conditions, which included establishing an MMP for use during construction.

Following case closure, a subsurface investigation was completed for the Subject Property reported in *Summary of the Subject Property (Lot 8) Geoprobe Investigation* was completed by Shaw Environmental, Inc. dated May 14, 2009 (Appendix B). During this investigation, 23 soil borings were advanced. Soil samples were analyzed for arsenic, cadmium, chromium, lead, PAHs, and VOCs. Laboratory analytical results indicated arsenic was detected in the soil at the Site above WDNR Non-Residential Direct Contact Residual Contaminant Levels (RCLs), below the background threshold concentration. The majority of PAH results were within the top 2 feet of the soil profile.

The Phase I Environmental Site Assessment (ESA) completed by EWI dated April 14, 2023 (Appendix C), reviewed the Site history and data and identified the following CREC and VEC for the Subject Property:

1. MAFCO operated from at least 1896 until 1985 and had multiple spills, leaks, violations, and documented environmental issues requiring remediation of contaminated soil and groundwater. In April 2008, the MAFCO property was granted final case closure with Land Use Limitations and Conditions approved by the WDNR. The Subject Property (Lot 8) had confirmed residual soil contamination below RCLs, including metals, PAHs, and VOCs. The most recent groundwater data for the Subject Property (2006) included relatively low concentrations of VOCs below WDNR enforcement standards, besides vinyl chloride. Few VOCs exceeded WDNR Enforcement Standards on surrounding properties. VOC exceedances could be a potential vapor source for the Subject Property. Long-term manufacturing operations, confirmed soil and groundwater contamination, and continuing Land Use Restrictions are considered a CREC and VEC to the Subject Property.

According to the Final Case Closure from the WDNR dated April 1, 2008, the conditions of site closure, pursuant to s. 292.12 Wisconsin Statutes stipulates that residual contamination in soil is present, therefore, if contaminated soil is excavated, the property owner must sample soil for laboratory analysis of Contaminants of Concern (COCs), which include PAHs, VOCs, and metals (lead, cadmium, chromium, and arsenic). If contamination is present, then contaminated materials must be appropriately handled and safety considerations be communicated and addressed, as detailed in this MMP.

1.2 OBJECTIVES

The following objectives are intended for the MMP:

- Provide general guidance to the construction general contractor (GC) as to the known locations of regulated substances in the surface or subsurface that could constitute either hazardous or non-hazardous conditions when the soil is excavated.

- Identify specific work areas in which regulated substances may be encountered in the surface or subsurface.

- Describe the intent and approach of an environmental oversight program supporting planned construction activities. This includes monitoring environmental conditions during excavation activities.

- Develop and document a process for segregating, handling and managing potentially impacted surface or subsurface soils excavated from the Site, if encountered or suspected. This includes subsequent soil waste determination and profiling to determine potential reuse and /or disposal options.

Based on information discussed in this plan, hazardous materials or suspected hazardous materials may be encountered. In such cases, worker protection requirements may be required to comply with the United States Occupational Health & Safety Administration (OSHA) guidelines for Hazardous Waste Operations and Emergency Response (HAZWOPER) as specified in 1910.120, or other OSHA standards. Every company who employs personnel is the responsible party for conformance to OSHA regulatory compliance. Persons who work on this Site are recommended to contact their company health and safety (H&S) representative regarding OSHA compliance. The following sections of this MMP provide information regarding EWI's recommendations for proper waste management and disposal procedures necessary to minimize risk to human health and the environment.

2.0 MMP APPLICABILITY AND GENERAL CONTRACTOR SAFETY

2.1 REGULATED SUBSTANCES

The Site, identified as Lot 8 of the MAFCO facility in Beaver Dam, Wisconsin, had confirmed residual soil and groundwater contamination. In 2009, soil contamination was limited to residual PAHs, VOCs, and metals below WDNR Non-Residential Direct Contact RCLs. In 2006, analytical results were reviewed from two (2) Site monitoring wells, RWD-2 and RWA-1. The only exceedance was from RWD-2, near the southeast corner of the Subject Property, with vinyl chloride at 1.3 ppb above the Enforcement Standard 0.2 µg/L, though below EPA VISLs. Heath considerations are as follows:

Arsenic: short-term exposure to inorganic arsenic can cause nausea, vomiting, diarrhea, weakness, loss of appetite, cough, chest pain, giddiness, headache, and breathing difficulty (dyspnea). Long-term exposure to inorganic arsenic can cause weakness, nausea, vomiting, diarrhea, skin and eye irritation, hyperpigmentation, thickening of the palms and soles (hyperkeratosis), contact dermatitis, skin sensitization, warts, ulceration and perforation of the nasal septum, and numbness and weakness in the legs and feet.

PAHs: According to the WDNR, occupational and chronic exposure to PAHs may cause cancer. Several PAHs have been shown to cause lung and skin cancer in laboratory animals. People who have worked in industries where they had regular exposure to very high levels developed tar warts and skin cancer. Extracts of various types of smoke containing PAHs caused lung tumors in laboratory animals. A person's lungs, liver, skin, and kidneys can be damaged by exposure.

Vinyl chloride: lassitude (weakness, exhaustion), abdominal pain, gastrointestinal bleeding, enlarged liver, pallor or cyanosis of extremities.

VOCs: According the EPA, health affects from VOC exposure include eye, nose and throat irritation headaches, loss of coordination and nausea, damage to liver, kidney, and central nervous system. Symptoms of VOC exposure include conjunctival irritation, nose and throat discomfort, headache, allergic skin reaction, dyspnea, declines in serum cholinesterase levels, nausea, emesis, epistaxis, fatigue, and dizziness.

Due to residual contamination in soil, as stipulated by the WDNR, during proposed excavations at the Subject Project, removed soil must be analyzed for the Subject Property COCs and handled according to this MMP.

2.2 PROPOSED CONSTRUCTION

Proposed construction includes a 10,000 square foot (SF) commercial building, a parking lot along the northwest and northeast sides of the building, a loading zone along the northeastern side of the building, and a pathway to a dumpster pad along the southeastern side of the building.

2.3 GENERAL HEALTH AND SAFETY REQUIREMENTS

The GC and associated trade partners are responsible for complying with the OSHA requirements for Construction Project Sites and general Hazard Communication. Therefore, any health and safety

procedures established by the GC for general construction activities are not the responsibility of the Client, civil design firm, or the owner's Environmental Professional (EP).

Personal protective equipment (PPE) for general construction activities will be in accordance with the GC health & safety plan. The GC personnel will initially utilize level D PPE. The EP or designated environmental representative for the GC may upgrade PPE if work conditions warrant. For further details see Section 6.0.

Excavation work where impacts were identified should be conducted using caution, monitored by onsite personnel and should be in accordance with this MMP. As environmental contamination involving regulated hazardous substances is documented at the Site in soil and groundwater, workers must follow the guidance of their designated company health and safety plan/process to ensure compliance with OSHA regulations.

2.4 General Contractor Awareness Training

Due to the presence of contaminated soil identified on the Subject Property, EWI recommends awareness training for key GC personnel, field managers and associated subcontractors prior to initiating field grading and excavation activities. The training topics include:

- General content of this MMP and compliance requirements;
- Site history as it relates to the presence of regulated substances and the expected general location(s) of regulated potential hazardous and non-hazardous substances in the surface and subsurface;
- Instruction on how to identify suspect environmental conditions by visual and olfactory methods;
- The overall approach to providing both full-time or as-needed environmental oversight as described in Section 3.2;
- Introduction of monitoring instrumentation;
- Work flow and communication;
- General discussion on identified contaminants and health and safety best practices;
- General discussion on PPE requirements, and;
- Field procedures as described in Section 3 of this document.

2.5 Regulatory Notification Procedures

This MMP and a Post-Closure Modification (PCM) form will be submitted to the WDNR for approval prior to construction on the Subject Property. In the event that soil or groundwater is moved offsite for reuse, sale or disposal additional testing will be required to document and ensure proper management of materials in compliance with state and federal regulations.

Upon completion of construction activities at the Subject Property, EWI will provide a report of field activities, documenting handling and disposal of contaminated materials. Supporting documentation will include landfill disposal tickets, photographs of field activities, and analytical results of waste materials.

3.0 SOIL MANAGEMENT

Environmental investigations completed at the Site indicate VOCs, PAHs, and metals are present in soil. In order to protect public health and the environment, impacted or suspect impacted materials should be properly managed and handled during construction activities at the Site.

Construction activities that involve potential exposure, contact, or handling of impacted or suspect impacted soil or groundwater within the boundary of the Subject Property will require consideration for control of exposure to construction workers and the public. Furthermore, any activity that involves the removal/disposal, or offsite reuse of impacted soil or groundwater and incidental surface water will require the use of appropriate procedures. Any entity performing the intrusive activities described below, including but not limited to, personnel from the local municipality, environmental consultants, construction contractors, utility contractors, developers, and future owners are recommended to follow the procedures outlined in this MMP.

Intrusive activities include any of the following activities that disturb soil or retrieve groundwater from the Site:

- Environmental or geotechnical drilling and sampling.
- Utility installation and repairs.
- Soil excavation.
- Dewatering or groundwater management.
- Foundation removal, excavation, and grading work.

The above examples are not an all-inclusive list.

3.1 WORK AREAS IMPACTED BY REGULATED SUBSTANCES

Due to former operations on the property involving various hazardous substances, during soil excavation the GC and construction personnel should observe soil for staining, discoloration, stressed vegetation, and note strong odors or symptoms of exposure described in Section 2.1. If these conditions are discovered, personnel must pause work and alert the GC or EWI at the contact information provided in Section 7.0. It is not anticipated that EWI will provide continuous oversight during excavation activities for the purposes of soil management activities, the area of concern consists of the entirety of the Subject Property.

Should impacted soils be encountered, or if material is to be removed during construction activities, the material should be segregated into 250 cubic yard (yd^3) stockpiles and placed on and covered with low permeability cover material (plastic sheeting).

Prior to removal or reuse of soils they should be appropriately sampled for contamination to determine future use options. EWI has been retained to conduct on-call sample collection, consulting, and disposal support at the Site. Contacts for these services are provided in Section 7.0.

3.2 STOCKPILE MANAGEMENT

Soil and other waste materials that are suspected or confirmed to be impacted should be managed appropriately to avoid potentially mobilizing contaminants in environmental media and/or creating exposure as outlined below.

1. Suspected or confirmed contamination should be segregated and staged onsite in stockpiles no greater than 250 CY.

2. Areas where suspected or confirmed contamination are encountered should be avoided as best possible to avoid tracking contamination to other non-impacted areas of the Site.

3. Soil stockpiles should be placed on top of and covered with 10-millimeter or thicker polyethylene sheeting.

4. Stockpile covering should be in good condition and securely anchored to minimize release or runoff from the stockpile.

5. Contact EWI representatives and inform of Site conditions encountered. Based upon the conditions EWI will mobilize to the Site to document and collect samples to determine disposal or reuse options for contaminated materials.

6. If soils are approved for offsite use or disposal by EWI, soil transport vehicles for should be covered with a tarp to minimize dust and vapor emissions to the atmosphere during transport.

7. Any demolition debris (e.g. building foundations) if encountered, planned for offsite transport should have gross quantities of soil removed prior to leaving the Site.

3.3 DISPOSITION AND REUSE OF EXCAVATED SOIL

Any soils suspected of impact by COCs that are planned for reuse should be segregated and tested prior to reuse. This is a conservative measure to minimize the risk of exposure or cross-contamination of potentially elevated levels of contaminant concentrations. EWI recommends that suspect impacted soils be screened in the field for VOCs and samples for COCs. If indications of impact are encountered and confirmed by soil sample analysis, composite samples should be collected for each 250 CY of stockpiled soil for laboratory analysis of COCs as determined by the EP or contractors' environmental representative(s). Soil reuse will be determined after evaluation of analytical results.

3.4 SOIL DISPOSAL

Although COCs in soil are not expected to present a risk of exposure to construction workers, soil in some areas may contain concentrations which require special consideration for disposal. While

concentrations may be below the appropriate RCLs, the soil may be considered hazardous waste if it exceeds the "Rule of 20"[1] or based on toxicity characteristics.

For any impacted materials considered for off-site disposal, sampling and analysis of relevant waste characterization parameters should be completed to determine waste classification and disposal requirements. Following sampling activities analytical results are anticipated to take seven (7) business days for standard turnaround time. Upon request, EWI will mobilize to the Site to perform waste characterization subject to the following requirements.

1. If soil is classified as hazardous waste, the soil will be sent to a Resource Conservation and Recovery Act (RCRA) Subtitle C permitted facility.

2. Soil that is classified as non-hazardous waste may be disposed at a permitted landfill as Subtitle D Special Waste. This waste type will require special waste authorization from WDNR prior to disposal. Waste authorization is anticipated in 4 working days or less from receipt of analytical results.

3.5 OFF-SITE MIGRATION

In order to prevent the off-site migration of contaminants, stormwater and sediment should be properly controlled. The general procedures should include the following:

1. Stormwater best management practices (BMPs) and other pollution control measures outlined in the site-specific construction stormwater pollution prevention plan (SWPPP) should be followed. Site inspections should be conducted at least once per seven calendar days or immediately following rainfall events to ensure proper installation, operation, and maintenance of BMPs. Any BMP conditions requiring correction should be addressed immediately.

2. Visible dust emissions from soil suspected or confirmed to be contaminated that is observed migrating off-site should be addressed immediately by wetting the material or changing work practices to avoid generating dust.

3. In the event equipment or vehicles are suspected to have tracked through impacted or suspect impacted soils on the Site, soil should be removed from equipment and vehicles through dry or wet removal methods prior to leaving the Site. Decontamination waste should be managed appropriately as indicated in Sections 3.4, 3.5 and 3.6.

3.6 IMPORTED SOIL

Any soil imported from off-site for use as backfill must be tested for or provided documentation as clean fill. One composite sample of the soil to be imported, unless already documented, must be collected for

[1]The "Rule of 20" is a screening level by which the result of toxicity characteristic leaching procedure (TCLP) analysis of soil can be estimated by dividing the result of metals analysis by 20. The result is then compared to the TCLP regulatory threshold. An exceedance requires the soil to be analyzed by the TCLP method to confirm or deny if the waste is hazardous.

every 500 cubic yards. Each composite sample must consist of one aliquot of soil per 100 cubic yards. Sampling rates may be adjusted based on the presence of varying soil types or sources. Each composite sample must be analyzed for the following chemicals:

1. TPH-GRO by Method 8260 and TPH-DRO by Method 8270

2. VOCs by EPA Method 8260

Other analytes may be added if historic activities at the backfill source may have impacted the soil. Results must be compared to the EPA RSLs. Soils with analyte concentrations below the EPA RSLs for residential land use may be used as backfill on-site.

4.0 GROUNDWATER MANAGEMENT PROCEDURES

According to the WDNR Well Records Search, depth to groundwater in the region of the Site ranges from 14 feet below ground level surface (bgs) to 85 feet bgs. Groundwater will not likely be encountered, however, if encountered or if rainwater collects in excavation pits and requires removal, water must be properly handled, stored, characterized and disposed to ensure compliance with the WDNR's Final Case Closure with Land Use Limitations or Conditions letter dated April 1, 2008. WDNR stipulates that encountered groundwater planned for offsite disposal should be containerized and sampled for analysis of VOCs, PAHs, and metals to determine appropriate management or disposal.

Surface water, pit water or perched water required for removal from the Site should be treated in a similar manner as groundwater. The general procedures should include the following:

1. Prior to construction activities, the GC will determine logistics and potential storage capacity requirements for groundwater pumped from the excavation area.

2. If signs of visible contamination or waste materials are encountered during any intrusive activity, the EP or contractors' environmental representative(s) should be notified to ensure proper handling and disposal, as necessary.

3. Water that is collected or removed from excavations should be containerized pending a determination of disposal requirements.

4. Water that contacts impacted/waste material should be collected and containerized pending a determination of disposal requirements.

5. Containerized water should be sampled and analyzed for relevant waste characterization parameters to determine waste classification and disposal requirements. This may include analysis for COCs as required by the disposal facility.

6. Liquids that are determined to classify as a hazardous waste will be sent to a RCRA permitted disposal facility.

7. Liquid wastes that are determined to be non-hazardous may be disposed to an off-site permitted disposal facility, a nearby sanitary sewer, and/or treated and discharged on-site, pending approval from appropriate regulatory entities.

5.0 WASTE MANAGEMENT PROCEDURES

5.1 VAPOR MANAGEMENT AND BARRIER CAP

Though not required by the WDNR, in order to prevent vapor intrusion to the Site building, EWI will install a Drago Wrap Liner in the Site building. No other vapor barriers or caps are planned or required at the Site.

5.2 UNUSUAL CONDITIONS

If visual or olfactory site conditions indicate contamination of different source described in historical background or underground structures, such as underground storage tanks, are discovered, contact the EP or contractors' environmental representative(s).

6.0 HEALTH AND SAFETY

This MMP does not include specific procedures to protect employees from all the physical hazards (excavation wall cave in, working around heavy equipment, utility-related hazards, etc.). As each excavation is unique in its scope and purpose, physical hazards should be assessed and a plan to mitigate the hazards developed by the excavation contractor) in a separate HASP. Excavations should comply with local, State, and Federal requirements.

6.1 PERSONAL PROTECTIVE EQUIPMENT

PPE for general construction activities will be in accordance with the GC's health & safety plan.

For construction activities where personnel are in contact with suspected contamination or where minimal physical contact with soil cuttings or groundwater occurs, the GC personnel should utilize modified level D PPE. The Levels of Protection for Modified Level D PPE are defined as follows:

Work uniform – In addition to the GC's PPE when personnel are in contact with suspected contamination:

- Disposable chemical resistant outer gloves, neoprene or nitrile
- Boots with steel toe, chemical resistant boots
- Hard hat (in the vicinity of construction operations)
- Safety glasses or goggles (as needed in the vicinity of construction operations)
- Hearing protection (as needed in the vicinity of construction operations)

Higher levels of PPE are not anticipated for this project; however, the GC will determine appropriate level, if necessary.

6.2 WORKER TRAINING REQUIREMENTS

If the GC determines a higher level of PPE is necessary due to suspected contamination, onsite safety supervisors should be compliant with OSHA regulations on hazardous waste operations, 29 CFR Part 1910.120 (e): 40 hours initial instruction (followed by 24 hours of supervised field experience), and 8 hours annual refresher training. Supervisors will have copies of current training documentation on-site.

All employees who are involved in on site excavation activities should have reviewed this MMP.

7.0 CONTACT INFORMATION

For consulting support, soil/groundwater testing or disposal coordination please contact the following EWI staff:

Environmental Works, Inc.
Kansas City Office
1731 Locust Street
Kansas City, Missouri 64108

Valerie Gibson, Project Manager
Cell: 217-721-7454
Email: vgibson@environmentalworks.com

Gracie Tiffany, Project Manager
Cell: 913-299-5709
Email: gtiffany@environmentalworks.com

Nick Godfrey, Program Manager – Due Diligence
Direct: 816-285-8432
Cell: 913-269-1885
Email: ngodfrey@environmentalworks.com

8.0 LIMITATIONS

This plan has been prepared expressly for CBC. This plan has been prepared in accordance with generally accepted environmental practices and represents a good faith effort to include all relevant and factual data available in accordance with an agreement with CBC. The procedures presented in this plan are based solely upon the information identified in our assessments referenced in Section 1.0. The management procedures are intended exclusively for the purpose outlined herein and at the Site location and project indicated. No other warranty, expressed or implied, is made as to the contents, summary and conclusions presented herein. This plan is intended for the sole use of CBC, the Site General Contractor, development team and trade partners. This plan may not be appropriate to satisfy the need of other users, and any use or reuse of this document or the findings, conclusions, or recommendations presented herein is at the sole risk of said user.

9.0 REFERENCES

Summary of Lot 8 Geoprobe Investigation, Former MIR Site Beaver Dam, Wisconsin, BRRTS# 03-14-001263; prepared by Shaw Environmental, Inc, May 14, 2009.

Final Case Closure with Land Use Limitations of Conditions, Malleable Iron Range (Former), 715 N. Spring Street, Beaver Dam, Wisconsin, WDNR BRRTS# 03-14-001263; WDNR, April 1, 2008.

Phase I ESA of Unoccupied Land, South of East Main Street and North Spring Street Beaver Dam, Wisconsin; by EWI on April 14, 2023.

Wisconsin Department of Natural Resources, Groundwater Standards, https://dnr.wisconsin.gov/topic/Groundwater/CurrentStandards.html

Wisconsin Department of Natural Resources, Soil Residual Contaminant Levels, https://dnr.wisconsin.gov/topic/Brownfields/soil.html

FIGURE

Nearby Address
806 US-151 BUS, Beaver Dam, WI 53916

Site Data Table
Proposed Overall Lot Area - 1.25 Acres

Building Area - 10,500 SF

Parking Count Legend

ADA Stall Count (X)

Standard Stall Count (X)

Site Parking Table:

Proposed Building Area:	10,500 sqft
Parking Required:	N/A
Parking Provided:	48 Stalls + 2 ADA Stalls

General Notes

1. HVAC Units to be placed on roof of Building.
2. Existing Zoning: C (Commercial)
3. Setbacks:
   Front: 30'
   Side: 0'
   Rear: 15'
4. Parking Required: N/A

PROJECT #:
BEAVER DAM, WI STORE
DESIGN PRELIMINARY SITE PLAN APPROVAL
DATE

D.S.D.:_____

C.D.O.:_____

NORTH
1"=20'
0 10' 20'

Sheet
1 of 1

Concept Plan
22-0111
Retail Building
Beaver Dam, Dodge County, Wisconsin

Figure 1
Site Redevelopment Plan

NO.	BY	QD	DATE	REVISION

Renaissance Infrastructure Consulting
8653 Penrose Lane
Lenexa, Kansas 66219
913.317.9500
www.ric-consult.com

Aug 31, 2022-8:51am
Z:\RIC Design\2022\22-0111\Beaver Dam, WI\DWG\Concept\22-0111_BeaverDam-Concept02.dwg

Appendix A

April 1, 2008, WDNR Final Case Closure with Land Use Limitations or Conditions Malleable Iron Range

GIS REGISTRY INFORMATION

SITE NAME: Malleable Iron Range

BRRTS #: 314001263 **FID # (if appropriate):**

COMMERCE # (if appropriate): 53916204115

CLOSURE DATE: 04/01/2008

STREET ADDRESS: 715 N. Spring Street

CITY: Beaver Dam

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 614331 **Y=** 332841

CONTAMINATED MEDIA: Groundwater [ ] Soil [ ] Both [X]

OFF-SOURCE GW CONTAMINATION >ES: [X] Yes [ ] No

IF YES, STREET ADDRESS 1: 138 & 143 East Mackie Street

GPS COORDINATES (meters in WTM91 projection): **X=** 614384 **Y=** 332651

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): [ ] Yes [X] No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

CONTAMINATION IN RIGHT OF WAY: [X] Yes [ ] No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	X
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	X
County Parcel ID number, *if used for county*, for all affected properties	X
Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.	X
Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	
Isoconcentration map(s), *if required for site investigation (SI)* (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.**	X
GW: Table of water level elevations, with sampling dates, and free product noted if present	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	X
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	X
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	
Copy of any maintenance plan referenced in the deed restriction.	

GIS Registry Information – Malleable Iron Range (Former) – WDNR # 03-14-001263

Property Deeds	Too numerous to include all property deeds on the registry. See WDNR case file.
Groundwater Monitoring Data	Too numerous to include all groundwater monitoring data for all monitoring wells on the registry. Data tables for 22 wells are on the registry. See WDNR case file for additional data.
Soil Sampling Data	Additional soil data tables are in the WDNR case file.
Notice of Residual Groundwater Contamination	A copy of the letter sent to 106 E. Main Street, Beaver Dam, Wisconsin, is included on the registry. Similar letters were sent to 913 N. Spring St., 609 N. Spring St., 603 N. Spring St., 329 Jackson St., 210 E. Main St. and P.O. Box 596, Beaver Dam. See WDNR case file.
Lost Monitoring Wells	A copy of the letter sent to 106 E. Main Street, Beaver Dam, is included in the registry. Similar letters were sent to 609 N. Spring St., Beaver Dam. See WDNR case file.

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Lloyd L. Eagan, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

April 1, 2008

John Corey
Dodge County Corporation Counsel
127 East Oak Grove Street
Juneau, WI 53039

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Malleable Iron Range (Former), 715 N. Spring Street, Beaver Dam, Wisconsin
WDNR BRRTS Activity # 03-14-001263

Dear Mr. Corey:

On August 15, 2007, the South Central Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On August 27, 2007, you were notified that the Closure Committee had granted conditional closure to this case. The subject property is also known as the Monarch Iron Range property and in 1995, the property was platted into 11 lots and the plat is called Monarch Development.

On February 25, 2008, the Department received correspondence indicating that you have complied with the requirements of closure. The conditions of closure were proper abandonment of monitoring wells and remediation wells, notification to owners of the platted lots within the boundaries of the former Malleable Iron Range property where monitoring wells that could not be located of their future liability associated with those wells, and disposal of investigation/remediation wastes.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Groundwater contamination is present above Chapter NR 140 enforcement standards
- One or more monitoring wells were not located and must be properly abandoned if found

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you, other current property owners and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code.

Remaining Residual Soil Contamination

Residual soil contamination remains at various locations over the entire property as indicated in the information submitted to the Department of Natural Resources. If soil is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. Any soil that is excavated must be sampled and analyzed for polycyclic aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs), and metals (lead, cadmium, chromium, arsenic). If sampling confirms that contamination is present, the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In additon, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans. Direct contact threats must be addressed in any future redevelopment of the property.

Remaining Residual Groundwater Contamination

Groundwater impacted by petroleum and/or chlorinated volatile organic compound contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on the subject property and the off-site properties located at 138 and 143 East Mackie Streets. Off-site property owners have been notified of the presence of groundwater contamination. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm.

Monitoring Wells That Could Not be Properly Abandoned

Your consultant, Victoria Loveland of Shaw Environmental, notified the Department that monitoring wells G101, G103, MW-27 and MW-28 could not be properly abandoned because they had been lost due to being paved over, covered or removed during site development activities. Monitoring well G101 is located on Lot 9 and the parcel is currently owned by Dodge Central Credit Union. Monitoring wells G103 and MW-28 are located on Lot 6 and the parcel is currently owned by Castle Monarch, LLC. Monitoring well MW-27 is on the parcel currently owned by Recheck's Food Pride. A map showing the location of the wells is attached. Your consultant has made a reasonable effort to locate the lost wells to determine whether they were properly abandoned but has been unsuccessful in those efforts. You need to understand that in the future you may be held liable for any problems associated with the monitoring wells if they create a conduit for contaminants to enter groundwater. If in the future any of the lost groundwater monitoring wells are found, the then current owner of the property or parcel will be required to notify the Department and to properly abandon the wells in compliance with the requirements in ch. NR 141, Wis. Adm. Code, and to submit the required documentation of that abandonment to the Department.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Denise Nettesheim at (608) 275-3209.

Sincerely,

Patrick McCutcheon
Team Supervisor
South Central Region Remediation & Redevelopment

Attachment

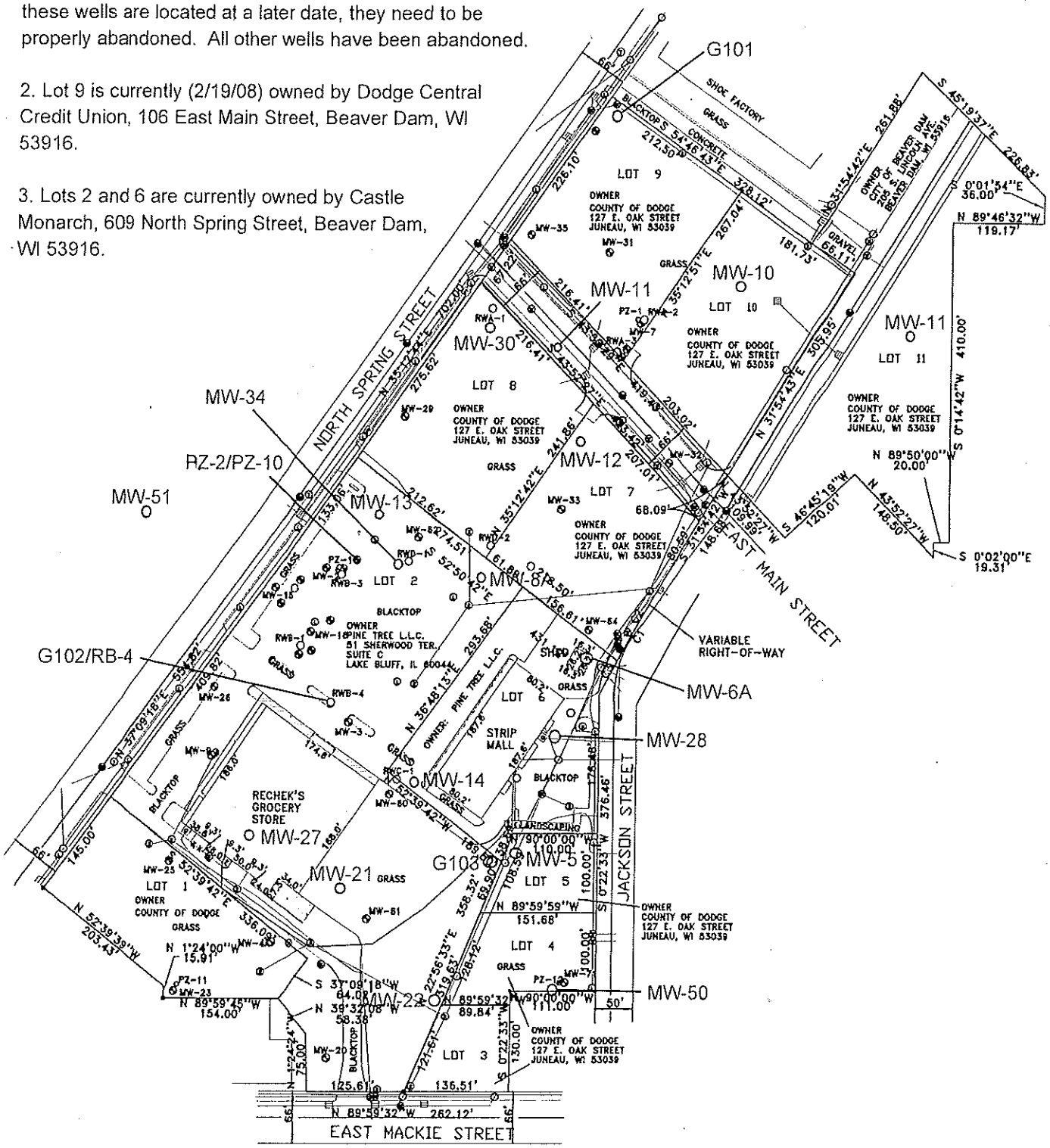
cc: Victoria Loveland, Shaw Environmental, 831 Critter Court, Suite 400, Onalaska, WI 54650-8674
Daniel & Kathleen Wackett, 143 East Mackie Street, Beaver Dam, WI 53916
Lee Bronson, 329 Jackson Street, Beaver Dam, WI 53916
Castle Monarch LLC, 609 North Spring Street, Beaver Dam, WI 53916
Castle Monarch LLC, 1400 E. Fox Lane, Fox Point, WI 53217
Dodge Central Credit Union, 106 E. Main Street, Beaver Dam, WI 53916
Jesse Dretske, 210 East Main Street, Beaver Dam, WI 53916
GEN3, LLC, 603 North Spring Street, Beaver Dam, WI 53916
GEN3, LLC, P.O. Box 31, Waupun, WI 53963
Rechek's Food Pride, 609 North Spring Street, Beaver Dam, WI 53916
Westfall Masonry LLC, Paul Nooyen, 6919 Donnybill Road, DeForest, WI 53532
Weyenberg Warehouse Apartments LLC, 913 North Spring Street, Beaver Dam, WI 53916
Weyenberg Warehouse Apartments LLC, P.O. Box 1547, Madison, WI 53701
Case File

NOTES:

1. Monitoring wells G101, G103, MW-27, and MW28 were not able to be located during well abandonment activities. If these wells are located at a later date, they need to be properly abandoned. All other wells have been abandoned.

2. Lot 9 is currently (2/19/08) owned by Dodge Central Credit Union, 106 East Main Street, Beaver Dam, WI 53916.

3. Lots 2 and 6 are currently owned by Castle Monarch, 609 North Spring Street, Beaver Dam, WI 53916.



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Lloyd L. Eagan, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TTY Access via relay - 711

August 27, 2007

John Corey
Dodge County Corporation Counsel
127 East Oak Grove Street
Juneau, WI 53039

Subject: Conditional Closure Decision With Requirements to Achieve Final Closure
Malleable Iron Range, Site D (non-petroleum contamination), 715 N. Spring Street, Beaver Dam, Wisconsin
WDNR BRRTS Activity # 03-14-001263

Dear Mr. Corey:

On August 15, 2007, the South Central Region Closure Committee reviewed your request for closure of the case described above. This committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the closure committee has determined that the environmental contamination on the site from the former manufacturing operations at the site appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

MONITORING WELL ABANDONMENT

The monitoring wells, soil vapor extraction wells, air sparge wells, groundwater extraction wells and any other wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources.

PURGE WATER, WASTE AND SOIL PILE REMOVAL

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Due to the presence of groundwater contamination above ch. NR 140, Wis. Adm. Code, Enforcement Standards, the subject property and the off-site properties at 138 and 143 East Mackie Streets will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Also, due to the presence of soil contamination, the subject property will be listed on the

GIS registry for soil. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit http://maps.dnr.state.wi.us/brrts. In addition, there will be land use controls required for the subject property.

Section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (608) 275-3209.

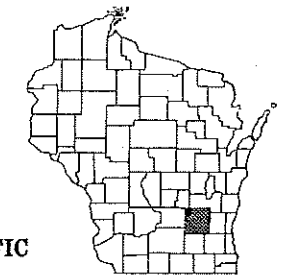
Sincerely,

Denise Nettesheim
Hydrogeologist
Bureau for Remediation & Redevelopment

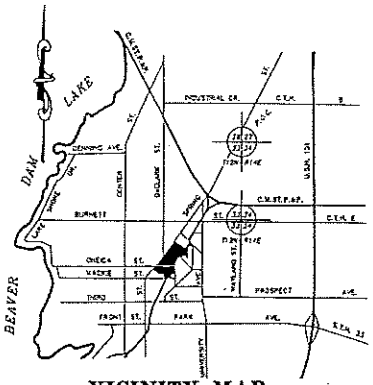
cc: Victoria Loveland, Shaw Environmental, 831 Critter Court, Suite 400, Onalaska, WI 54650-8674
Daniel & Kathleen Wackett, 143 East Mackie Street, Beaver Dam, WI 53916
Case File

MONARCH DEVELOPMENT

PART OF BLOCK 7, BICKNELL'S ADDITION, LOT 13 OF BLOCK 3, ROSE AND FARRINGTON'S ADDITION, BLOCK 1, MACKIE'S ADDITION, SUBDIVISION OF LOTS 3, 4, AND 13 OF MACKIE'S ADDITION, PART OF OUTLOT 79 AND PART OF OUTLOT 80 IN THE THIRD WARD, ALL OF BLOCK 5, ROSE AND FARRINGTON'S ADDITION, VACATED EAST MAIN STREET, VACATED JACKSON STREET, A PART OF VACATED EAST MAIN STREET, AND PART OF THE FORMER CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD RIGHT OF WAY, ALL BEING IN PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4; OF SECTION 33, TOWN 12 NORTH, RANGE 14 EAST, CITY OF BEAVER DAM, DODGE COUNTY, WISCONSIN.



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

SURVEYOR'S CERTIFICATE

I, MATTHEW E. HOGLUND, REGISTERED LAND SURVEYOR OF THE STATE OF WISCONSIN, HEREBY CERTIFY THAT BY THE DIRECTION OF RALPH E. SHARP, JR., AGENT FOR DODGE COUNTY, A WISCONSIN MUNICIPAL CORPORATION, 127 E. OAK STREET, JUNEAU, WISCONSIN 53039, PART OWNER, I HAVE SURVEYED, DIVIDED, AND MAPPED THE PLAT OF MONARCH DEVELOPMENT LOCATED IN PART OF BLOCK 7, BICKNELL'S ADDITION, LOT 13 OF BLOCK 3, ROSE AND FARRINGTON'S ADDITION, BLOCK 1, MACKIE'S ADDITION, SUBDIVISION OF LOTS 3, 4, AND 13 OF MACKIE'S ADDITION, PART OF OUTLOT 79 AND PART OF OUTLOT 80 IN THE THIRD WARD, ALL OF BLOCK 5, ROSE AND FARRINGTON'S ADDITION; VACATED EAST MAIN STREET SHOWN HEREON VACATED ON AUGUST 28, 1920; VACATED JACKSON STREET PER RESOLUTION #7595 AND AS RECORDED IN VOLUME 849 OF RECORDS ON PAGE 13 AND 14 AND THAT PART OF VACATED JACKSON STREET LYING SOUTHERLY OF EAST MAIN STREET SHOWN HEREON; A PART OF VACATED EAST MAIN STREET PER RESOLUTION #7595 AND AS RECORDED IN VOLUME 849 OF RECORDS ON PAGES 13 AND 14 AND PART OF VACATED CHICAGO, MILWAUKEE, ST. PAUL, AND PACIFIC RAILROAD PER VOLUME 852 OF RECORDS ON PAGE 590, ALL BEING A PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4; OF SECTION 33, TOWN 12 NORTH, RANGE 14 EAST, CITY OF BEAVER DAM, DODGE COUNTY, WISCONSIN. THE PARCEL IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 33; THENCE, ALONG THE EAST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 33, S.00°10'52"E., 2657.61 FEET TO THE EAST 1/4 CORNER OF SAID SECTION 33; THENCE S.65°58'51"W., 1929.05 FEET TO THE POINT OF BEGINNING, LYING ON THE SOUTHWESTERLY RIGHT-OF-WAY LINE OF PRAIRIE STREET; THENCE, ALONG SAID SOUTHWESTERLY RIGHT-OF-WAY LINE, S.45°19'37"E., 109.47 FEET TO THE WEST RIGHT-OF-WAY LINE OF NORTH LINCOLN AVENUE; THENCE, ALONG SAID WEST LINE, S.00°01'54"E., 36.00 FEET; THENCE N.89°46'32"W., 119.17 FEET; THENCE S.00°14'42"W., 410.00 FEET; THENCE N.89°50'00"W., 20.00 FEET; THENCE S.00°02'00"E., 201 FEET; THENCE N.43°52'27"W., 148.50 FEET; THENCE S.46°45'19"W., 120.01 FEET TO THE NORTHEASTERLY RIGHT-OF-WAY LINE OF EAST MAIN STREET; THENCE, ALONG SAID NORTHEASTERLY LINE, N.43°52'27"W., 109.99 FEET TO THE EASTERLY RIGHT-OF-WAY LINE OF THE CHICAGO, MILWAUKEE, ST. PAUL, AND PACIFIC RAILROAD AS VACATED BY VOLUME 852 OF RECORDS ON PAGES 590-591; THENCE, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, S.31°54'42"W., 148.68 FEET TO A POINT OF CURVATURE OF A CURVE TO THE LEFT, HAVING A RADIUS OF 2832.00 FEET AND A CHORD WHICH BEARS S.30°05'42.5"W., 179.55 FEET; THENCE SOUTHWESTERLY, 179.58 FEET ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 03°37'59" TO ITS INTERSECTION WITH THE WEST RIGHT-OF-WAY LINE OF JACKSON STREET; THENCE, ALONG SAID WEST RIGHT-OF-WAY LINE, S.00°22'33"W., 376.46 FEET TO THE NORTH LINE OF THE PARCEL DESCRIBED IN VOLUME 704 OF RECORDS ON PAGE 674; THENCE, ALONG SAID NORTH LINE AND THE NORTH LINE OF THE PARCEL DESCRIBED IN VOLUME 704 OF RECORDS ON PAGE 673, N.90°00'00"W., 111.00 FEET TO THE WEST LINE OF LAST SAID PARCEL; THENCE, ALONG SAID WEST LINE AND ITS SOUTHERLY EXTENSION, S.00°22'33"W., 130.00 FEET TO THE NORTH RIGHT-OF-WAY LINE OF EAST MACKIE STREET; THENCE, ALONG SAID NORTH LINE, N.89°59'32"W., 362.12 FEET; THENCE N.01°24'24"W., 75.00 FEET; THENCE N.39°32'08"W., 58.38 FEET; THENCE N.89°59'45"W., 154.00 FEET; THENCE N.01°24'00"W., 15.91 FEET; THENCE N.51°39'41"W., 203.43 FEET TO THE SOUTHEASTERLY RIGHT-OF-WAY LINE OF NORTH SPRING STREET; THENCE, ALONG SAID SOUTHEASTERLY RIGHT-OF-WAY LINE, N.37°09'18"E., 554.82 FEET; THENCE, CONTINUING ALONG SAID SOUTHEASTERLY RIGHT-OF-WAY LINE, N.35°12'44"E., 702.00 FEET TO THE CENTERLINE OF VACATED EAST MAIN STREET AS RECORDED IN VOLUME 849 OF RECORDS ON PAGE 13 AND 14; THENCE, ALONG SAID CENTERLINE, S.54°46'43"E., 328.12 FEET TO ITS INTERSECTION WITH THE WESTERLY RIGHT-OF-WAY LINE OF AFORESAID VACATED CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD; THENCE, ALONG SAID WESTERLY RIGHT-OF-WAY LINE, N.31°54'42"E., 261.88 FEET TO ITS INTERSECTION WITH AFORESAID SOUTHWESTERLY RIGHT-OF-WAY LINE OF PRAIRIE STREET; THENCE, ALONG SAID SOUTHWESTERLY RIGHT-OF-WAY LINE, S.45°19'37"E., 117.36 FEET TO THE POINT OF BEGINNING.

SAID PARCEL CONTAINS 715,371 SQUARE FEET OR 16.4226 TOTAL ACRES, MORE OR LESS.

BEARINGS ARE ORIENTED TO THE EAST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 33, WHICH IS ASSUMED TO BEAR S.00°10'52"E.

I FURTHER CERTIFY THAT THIS PLAT IS A CORRECT REPRESENTATION OF ALL EXTERIOR BOUNDARIES OF THE LAND SURVEYED AND THE SUBDIVISION THEREOF MADE. THAT I FULLY COMPLIED WITH THE PROVISIONS OF CHAPTER 236 OF THE WISCONSIN STATE STATUTES AND CHAPTER 18 SUBDIVISION AND PLATTING ORDINANCE OF THE CITY OF BEAVER DAM, DODGE COUNTY, WISCONSIN IN SURVEYING AND MAPPING THE SAME.

DATED THIS 11th DAY OF October, 1995.

REVISED THIS 16th DAY OF October, 1995.

MATTHEW E. HOGLUND, WI LAND SURVEYOR, S-1910
MID-STATE ASSOCIATES, INC.
111 WARREN STREET, BEAVER DAM, WI 53916

WISCONSIN MATTHEW E. HOGLUND S-1910 BEAVER DAM WISCONSIN LAND SURVEYOR

OWNER'S CERTIFICATE OF DEDICATION

WE, DODGE COUNTY, A WISCONSIN MUNICIPAL CORPORATION, BEING DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF WISCONSIN, AS OWNER OF ALL OF THE LAND INCLUDED IN THIS PLAT EXCEPT FOR THAT PORTION OF LOT 11 HEREOF THAT IS VACATED JACKSON STREET AND THE CITY OF BEAVER DAM, A MUNICIPAL CORPORATION OF DODGE COUNTY, WISCONSIN, BEING DULY ORGANIZED AND EXISTING UNDER AND BY VIRTUE OF THE LAWS OF THE STATE OF WISCONSIN, AS OWNER OF THAT PART OF LOT 11 HEREOF THAT IS VACATED JACKSON STREET, DO HEREBY CERTIFY THAT SAID CORPORATIONS CAUSED THE LAND DESCRIBED ON THIS PLAT TO BE SURVEYED, DIVIDED, MAPPED AND DEDICATED AS REPRESENTED ON THE PLAT. WE ALSO CERTIFY THAT THIS PLAT IS REQUIRED BY SECTION 236.10 OR 236.12 OF THE REVISED WISCONSIN STATUTES TO BE SUBMITTED TO THE FOLLOWING FOR APPROVAL OR OBJECTION:

(1) DEPARTMENT OF AGRICULTURE, TRADE AND CONSUMER PROTECTION
(2) CITY OF BEAVER DAM
(3) DODGE COUNTY PLANNING AND DEVELOPMENT DEPARTMENT

WITNESS THE HAND AND SEAL OF SAID OWNER, AT Juneau, WISCONSIN, ON THIS 20th DAY OF October, 1995.

IN THE PRESENCE OF: DODGE COUNTY, A WISCONSIN MUNICIPAL CORPORATION

BY: Charles E. Swain
CHARLES E. SWAIN, COUNTY BOARD CHAIRMAN

BY: Dorothy E. Ebert
DOROTHY E. EBERT, COUNTY CLERK

IN THE PRESENCE OF: CITY OF BEAVER DAM, A MUNICIPAL CORPORATION OF DODGE CO., WI

BY: Steven R. Sabatke
STEVEN R. SABATKE, MAYOR

BY: Gary H. Dummer
GARY H. DUMMER, CITY CLERK

STATE OF WISCONSIN } SS
DODGE COUNTY }

PERSONALLY CAME BEFORE ME THIS 20 DAY OF October, 1995, THE ABOVE NAMED CHARLES E. SWAIN AND DOROTHY E. EBERT, TO ME KNOWN TO BE THE PERSONS WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED THE SAME..

Dore X Ybbas
NOTARY PUBLIC, STATE OF WISCONSIN
MY COMMISSION EXPIRES Sept. 14, 1997.

Document # 516420
Received this 20th day of Oct 1995 at 1:38 PM
and recorded in Vol. Cab A of Plats, Page 257
DODGE COUNTY REGISTER OF DEEDS
Cynthia Webster, Register

STATE OF WISCONSIN } SS
DODGE COUNTY }

PERSONALLY CAME BEFORE ME THIS 26th DAY OF October, 1995, THE ABOVE NAMED STEVEN R. SABATKE AND GARY H. DUMMER, TO ME KNOWN TO BE THE PERSONS WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED THE SAME..

NOTARY PUBLIC, STATE OF WISCONSIN
MY COMMISSION EXPIRES 1-4-98

There are no objections to this plat with respects to Secs. 236.15, 236.16, 236.20 and 236.21 (1) and (2), Wis. Stats., or by the County Planning Agency.

Certified this 17th day of October, 1995
Julianne A Stern
Department of Agriculture, Trade & Consumer Protection

TREASURER'S CERTIFICATE

WE, BEING THE DULY ELECTED, QUALIFIED AND ACTING TREASURERS OF THE CITY OF BEAVER DAM AND COUNTY OF DODGE, DO HEREBY CERTIFY THAT IN ACCORDANCE WITH THE RECORDS IN OUR OFFICES, THERE ARE NO UNREDEEMED TAX SALES AND NO UNPAID TAXES OR SPECIAL ASSESSMENTS AFFECTING ANY OF THE LANDS INCLUDED IN THE PLAT OF "MONARCH DEVELOPMENT".

DATED THIS 20th DAY OF October, 1995. Roy Erickson
ROY ERICKSON, CITY TREASURER

DATED THIS 20th DAY OF October, 1995. Karen E. Freber
KAREN FREBER, COUNTY TREASURER

COMMON COUNCIL RESOLUTION

RESOLVED, THAT THE PLAT OF MONARCH DEVELOPMENT IN THE CITY OF BEAVER DAM, WISCONSIN, IS HEREBY APPROVED BY THE COMMON COUNCIL OF BEAVER DAM, WISCONSIN.

RESOLUTION NUMBER: 190-95

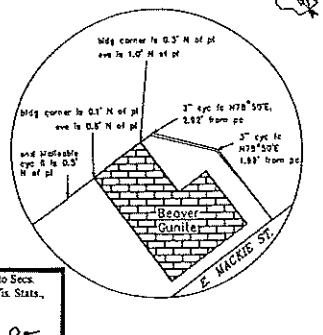
DATED THIS 20th DAY OF October, 1995. Steven R. Sabatke
STEVEN R. SABATKE, MAYOR

I, HEREBY CERTIFY THAT THE FOREGOING IS A COPY OF A RESOLUTION ADOPTED BY THE COMMON COUNCIL OF THE CITY OF BEAVER DAM, WISCONSIN.

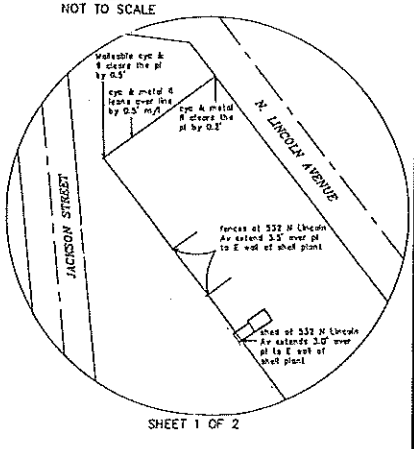
DATED THIS 20th DAY OF October, 1995. Gary H. Dummer
GARY H. DUMMER, CITY CLERK

Sketch showing visible encroachments along the surveyed lines of the Wallestad Iron Range Company property and adjoining private property only.

DETAIL 1
NOT TO SCALE



DETAIL 2
NOT TO SCALE



SHEET 1 OF 2

MSA MID-STATE ASSOCIATES, INC.
Engineers-Architects-Planners-Surveyors
111 Warren Street Beaver Dam WI 53916 (414-887-4262)

This document is a true and correct reproduction of the record filed in this office.
Certified March 13, 2001
CHRIS PLANASCH
Register of Deeds
Dodge County, Wisconsin

Aff. 887/262

Cab A Page 257

MONARCH DEVELOPMENT

PART OF BLOCK 7, BICKNELL'S ADDITION, LOT 13 OF BLOCK 3, ROSE AND FARRINGTON'S ADDITION, BLOCK 1, MACKIE'S ADDITION, SUBDIVISION OF LOTS 3, 4, AND 13 OF MACKIE'S ADDITION, PART OF OUTLOT 79 AND PART OF OUTLOT 80 IN THE THIRD WARD, ALL OF BLOCK 5, ROSE AND FARRINGTON'S ADDITION, VACATED EAST MAIN STREET, VACATED JACKSON STREET, A PART OF VACATED EAST MAIN STREET, AND PART OF THE FORMER CHICAGO, MILWAUKEE, ST. PAUL AND PACIFIC RAILROAD RIGHT OF WAY, ALL BEING IN PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 AND THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4; OF SECTION 33, TOWN 12 NORTH, RANGE 14 EAST, CITY OF BEAVER DAM, DODGE COUNTY, WISCONSIN.

There are no objections to this plat with respects to Secs. 236.15, 235.16, 235.20 and 235.21 (1) and (2), Wis. Stats., or by the County Planning Agency.

Certified this 17th day of October, 19 95

Jeanne A Storm
Department of Agriculture, Trade & Consumer Protection

NOTES:

1. THIS PLAT IS SUBJECT TO ANY AND ALL ADDITIONAL DEED RESTRICTIONS THAT MAY HAVE BEEN RECORDED PRIOR TO OR CONCURRENT HEREWITH.
2. THE LOTS OF THIS PLAT ARE SUBJECT TO ANY AND ALL EASEMENTS OR AGREEMENTS, OF RECORD AND/OR FACT, SOME OF WHICH MAY NOT BE DEPICTED HEREON.
3. RESIDUAL UTILITY EASEMENTS EXIST WITHIN THE VACATED RAILROAD RIGHT-OF-WAY SHOWN AS RECORDED IN VOLUME 852 OF RECORDS ON PAGES 590-591 AND VACATED EAST MAIN STREET AND VACATED JACKSON STREET PER VOLUME 849 OF RECORDS ON PAGES 13-14.
4. THIS PLAT INCLUDES LOTS 2 AND 3 OF DODGE COUNTY CERTIFIED SURVEY MAP NO. 2299 AND LOT 1 OF DODGE COUNTY CERTIFIED SURVEY MAP NO. 3634. A LEGAL CONCLUSION WAS MADE THAT THESE CERTIFIED SURVEY MAPS WERE VOID SINCE SECTION 236.34(1) OF THE WISCONSIN STATUTES WERE NOT FOLLOWED IN RELATION TO ALTERING RECORDED PLAT BOUNDARIES AND THEREFOR WERE NOT REFERENCED HEREIN.

Ⓐ FOUND MONUMENTS FALL 1.54 FEET WEST OF EAST R/W OF VACATED JACKSON STREET.

OWNER AND SURDIVIDER

DODGE COUNTY, A WISCONSIN MUNICIPAL CORPORATION
C/O CHARLES E. SWAIN, COUNTY BOARD CHAIRMAN
DOROTHY E. EBERT, COUNTY CLERK
127 E. OAK STREET
THIRD FLOOR ADMINISTRATION BLDG.
JUNEAU, WI. 53039-1329

LEGEND

- FD. CUT CROSS IN CONC.
- FD. 5/8" IRON REBAR W/ 3.25" ALUMINUM CAP
- FD. 5/8" IRON REBAR
- FD. 1" IRON PIPE
- SET 3/4" BY 24" IRON REBAR-1.50 LBS./FT.
- SET 1-1/4" BY 30" IRON REBAR-4.30 LBS./FT.
- ABUTTING SUBDIVISION / R/W LINE
- SECTIONAL SUBDIVISION LINE
- CENTERLINE
- BOUNDARY/LOT LINE
- 12 FOOT UTILITY EASEMENT DEDICATED ON THIS PLAT -- ABUTS BOUNDARY AND R/W LINES -- CENTERED 6' EACH SIDE OF INTERIOR LOT LINES

LOT AREA

LOT NO.	SQ. FT.	ACRES
1	46,565	1.0236
2	221,308	5.0805
3	12,675	0.2910
4	18,800	0.4316
5	13,084	0.3004
6	60,131	1.3804
7	47,277	1.0853
8	54,983	1.2622
9	52,396	1.2028
10	54,371	1.2482
11	107,946	2.4781
DEDICATED ROADWAY (EAST MAIN ST.)	27,814	0.6385
TOTAL AREA	715,371	16.4226

CURVE DATA TABLE

CURVE	LOT	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA	TANGENT BEARING
C1		2832.00'	179.58'	89.82'	179.55'	S30°05'43.5"W	03°37'59"	S31°54'43"W S28°16'43"W
C2	6	2832.00'	48.83'	24.77'	48.83'	S28°46'46.5"W	01°00'07"	
C3	7	2832.00'	130.05'	65.04'	130.04'	S30°35'58"W	02°37'52"	

SEE DETAIL 1 ON SHEET 1 HEREOF

SEE DETAIL 2 ON SHEET 1 HEREOF

GRAPHIC SCALE
100' 0' 50' 100' 200' 400'
1 INCH = 100 FEET

10/11/95
Revised 10/16/95

SHEET 2 OF 2

MID-STATE ASSOCIATES, INC.
Engineers-Architects-Planners-Surveyors
117 Warren Street Beaver Dam WI 53916 (414-887-4242)
© 1995 MID-STATE ASSOCIATES

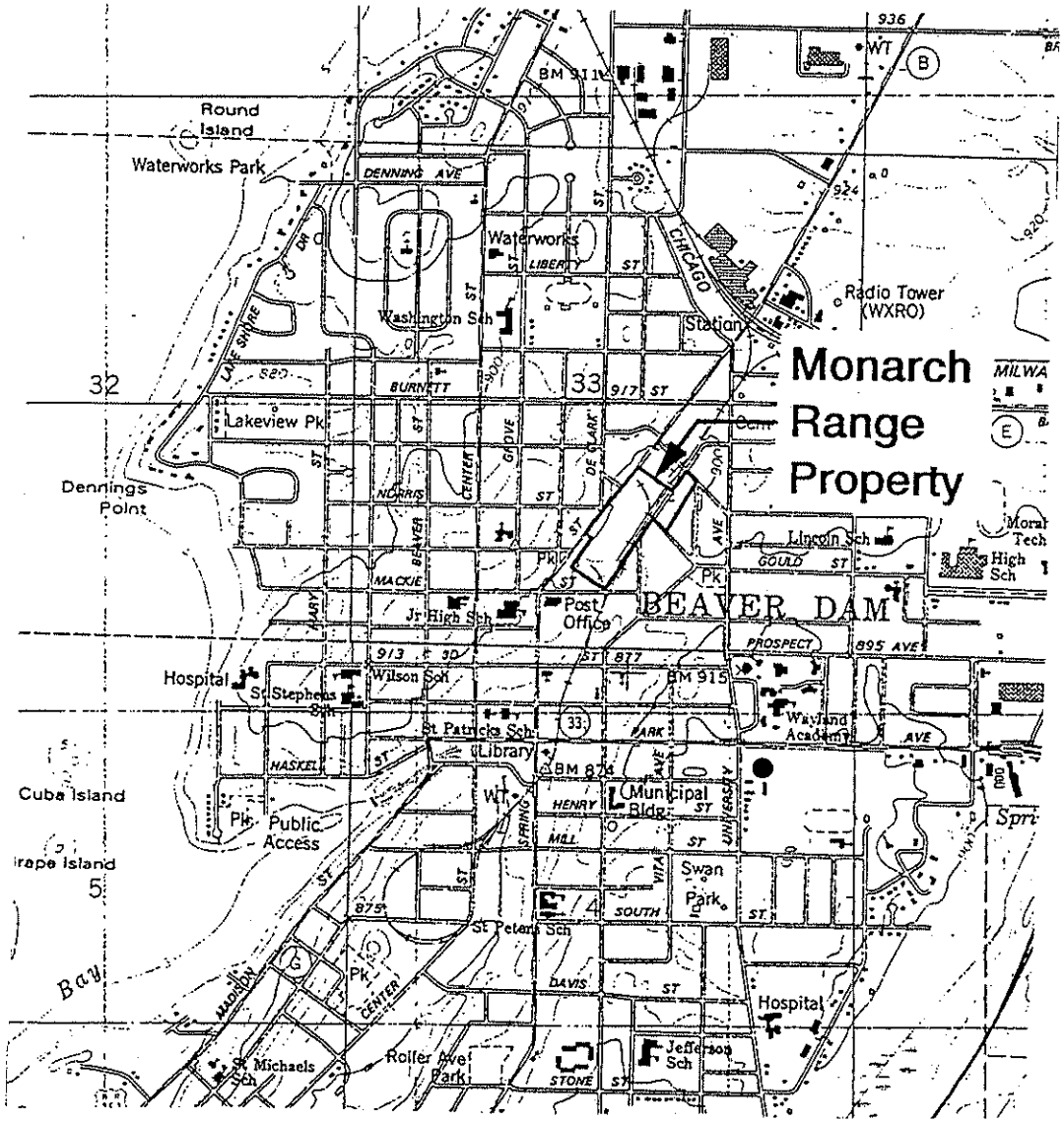
aff 887/262

Cab. A Page 257

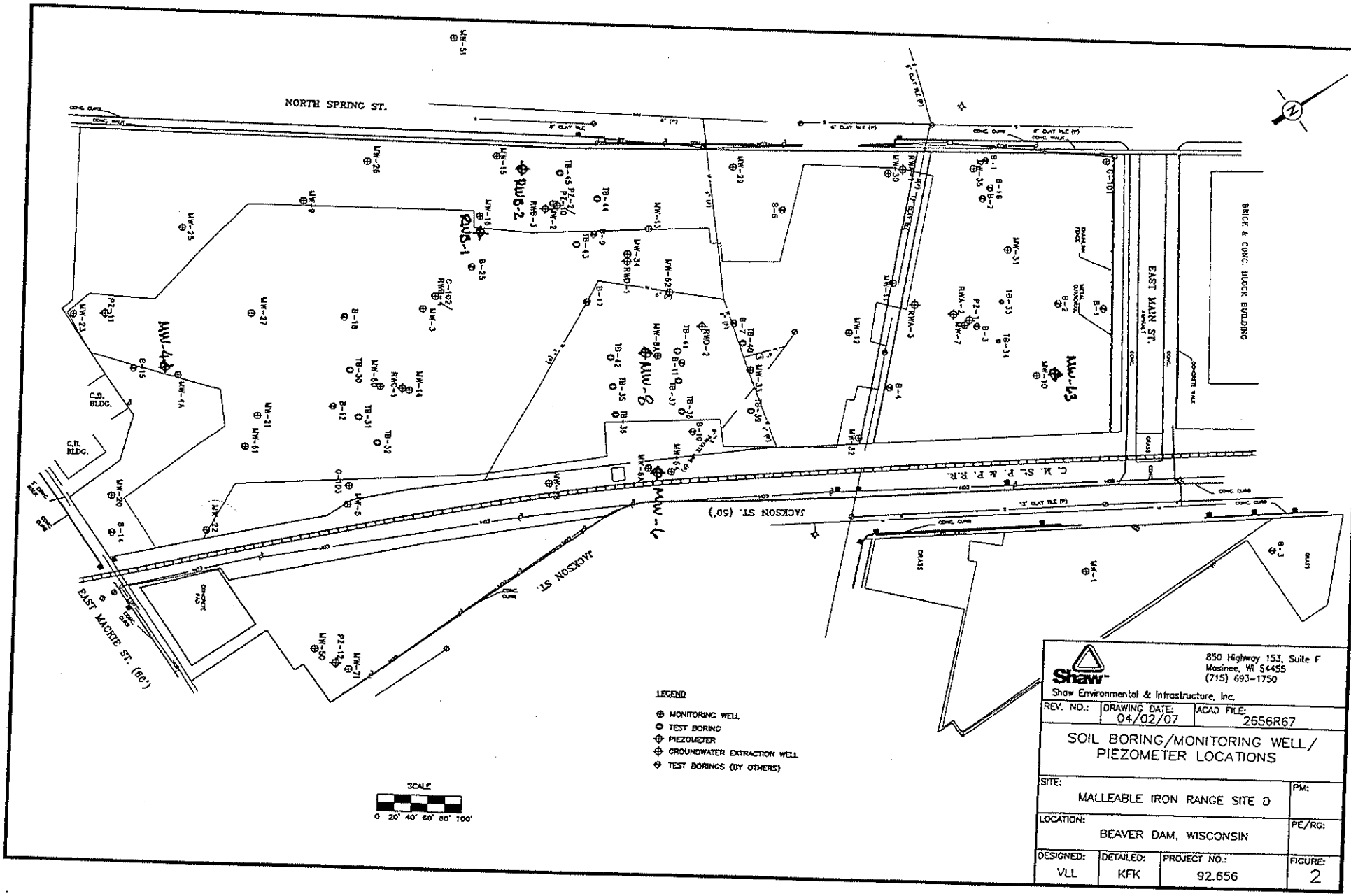
Parcel of Property	Legal Description	Parcel Identification Number	Property Address	Most Recent Deed	Current Owner of Property
Lot 1 of Plat of Monarch Development	Lot 1 of the Plat of Monarch Development located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3334-031	603 N. Spring Street Beaver Dam, WI 53916	Warranty Deed Document No. 1057566	GEN3, LLC, a Wisconsin limited liability company
Lot 2 of Plat of Monarch Development	Lot Two (2) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin, as recorded in Cabinet A of Plats at page 257.	206-1214-3343-000	609 N. Spring Street Beaver Dam, WI 53916	Special Warranty Deed Document No. 1014378	Castle Monarch, LLC, a Wisconsin limited liability company
Lot 3 of Plat of Monarch Development	Lot Three (3) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3343-001	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 4 of Plat of Monarch Development	Lot Four (4) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3343-002	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 5 of Plat of Monarch Development	Lot Five (5) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3343-003	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 6 of Plat of Monarch Development	Lot Six (6) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin, as recorded in Cabinet A of Plats at page 257.	206-1214-3343-004	709 through 719 N. Spring Street Beaver Dam, WI 53916	Special Warranty Deed Document No. 1014378	Castle Monarch, LLC, a Wisconsin limited liability company
Lot 7 of Plat of Monarch Development	Lot Seven (7) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3342-106	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 8 of Plat of Monarch Development	Lot Eight (8) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3342-107	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 9 of Plat of Monarch Development	Lot 9 of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin, as corrected by an Affidavit, dated December 17, 1996, recorded December 17, 1996, in the Office of the Register of Deeds in and for Dodge County, Wisconsin, in Volume 906 of Records, at Pages 416 and 417, both inclusive, as Document No. 837864.	206-1214-3342-108	No address has been assigned	Warranty Deed Document No. 1049442	Dodge Central Credit Union
Lot 10 of Plat of Monarch Development	Lot 10, Plat of Monarch Development, in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3342-109	106 E. Main Street Beaver Dam, WI 53916	Warranty Deed Document No. 873917	Dodge Central Credit Union

Parcel of Property	Legal Description	Parcel Identification Number	Property Address	Most Recent Deed	Current Owner of Property
Lot 1 of Plat of Monarch Development	Lot 1 of the Plat of Monarch Development located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3334-031	603 N. Spring Street Beaver Dam, WI 53916	Warranty Deed Document No. 1057566	GEN3, LLC, a Wisconsin limited liability company
Lot 2 of Plat of Monarch Development	Lot Two (2) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin, as recorded in Cabinet A of Plats at page 257.	206-1214-3343-000	609 N. Spring Street Beaver Dam, WI 53916	Special Warranty Deed Document No. 1014378	Castle Monarch, LLC, a Wisconsin limited liability company
Lot 3 of Plat of Monarch Development	Lot Three (3) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3343-001	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 4 of Plat of Monarch Development	Lot Four (4) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3343-002	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 5 of Plat of Monarch Development	Lot Five (5) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3343-003	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 6 of Plat of Monarch Development	Lot Six (6) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin, as recorded in Cabinet A of Plats at page 257.	206-1214-3343-004	709 through 719 N. Spring Street Beaver Dam, WI 53916	Special Warranty Deed Document No. 1014378	Castle Monarch, LLC, a Wisconsin limited liability company
Lot 7 of Plat of Monarch Development	Lot Seven (7) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3342-106	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 8 of Plat of Monarch Development	Lot Eight (8) of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3342-107	No address has been assigned	Quit Claim Deed Document No. 712394 Document No. 712395 Document No. 812575	Dodge County, Wisconsin
Lot 9 of Plat of Monarch Development	Lot 9 of the Plat of Monarch Development, located in the City of Beaver Dam, Dodge County, Wisconsin, as corrected by an Affidavit, dated December 17, 1996, recorded December 17, 1996, in the Office of the Register of Deeds in and for Dodge County, Wisconsin, in Volume 906 of Records, at Pages 416 and 417, both inclusive, as Document No. 837864.	206-1214-3342-108	No address has been assigned	Warranty Deed Document No. 1049442	Dodge Central Credit Union
Lot 10 of Plat of Monarch Development	Lot 10, Plat of Monarch Development, in the City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3342-109	106 E. Main Street Beaver Dam, WI 53916	Warranty Deed Document No. 873917	Dodge Central Credit Union

Parcel of Property	Legal Description	Parcel Identification Number	Property Address	Most Recent Deed	Current Owner of Property
Lot 11 of plat of "Monarch Development" was divided into two separate lots by a Quit Claim Deed, which was recorded in the Office of the Register of Deeds in and for Dodge County, Wisconsin, as Document No. 911654. After this division into two separate lots by this Quit Claim Deed, the smaller portion of Lot 11 was owned by Weyenberg Warehouse Apartments, LLC, and the larger portion of Lot 11 continued, temporarily, in the ownership of Dodge County, Wisconsin.	A parcel of land being a part of Lot 11 of the Plat of Monarch Development as recorded in Cabinet A of Plats on Page 257 in the Dodge County Register of Deeds Office; and also being a part of the former Chicago, Milwaukee, St. Paul and Pacific Railroad right-of-way; and being located in the City of Beaver Dam, Dodge County, Wisconsin. Said parcel is more particularly described as follows: Commencing at the most Northerly corner of said Lot 11 of Monarch Development; thence S.31° 54' 42" W. along a Westerly line of said Lot 11, 261.88 feet to a point on the Northeasterly line of Lot 10 of said Monarch Development; thence S. 54° 46' 43" E. along the Northeasterly line of said Lot 10, 52.59 feet; thence N. 31° 54" 42" E., parallel with the Westerly right-of-way line of Jackson St., 253.03 feet to the Southwesterly right-of-way line of Prairie St.; thence N. 45° 19' 37" W. along said Southwesterly right-of-way line of Prairie St., 53.83 feet to the point of commencement. Said parcel contains 13,516 sq. ft., more or less (0.31 acres).	206-1214-3342-084	913 N. Spring Street Beaver Dam, WI 53916	Quit Claim Deed Document No. 911654	Weyenberg Warehouse Apartments, LLC
The larger portion of Lot 11 of Plat of Monarch Development was further subdivided into three separate lots by Certified Survey Map No. 5703, which was recorded in the Office of the Register of Deds in and for Dodge county, Wisconsin, as Document No. 1042122. I will list below, separately, each of these three lots.					
Lot 1 - Part of Lot 11 of Plat of Monarch Development	Lot 1 of Certified Survey Map No. 5703 as recorded in Volume 37 of Certified Surveys on Page 279 as Document No. 1042122; being a part of Lot 11 of Monarch Development and Certified Survey Map No. 5456, City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3342-133	329 Jackson Street Beaver Dam, WI 53916	Warranty Deed Document No. 1073311	Lee W. Bronson
Lot 2 - Part of Lot 11 of Plat of Monarch Development	Parcel shown on Certified Survey Map No. 5456, being a part of Lot 11, Monarch Development, located in part of the Northwest 1/4 of the Southeast 1/4, Section 33, Town 12 North, Range 14 East, City of Beaver Dam, Dodge County, Wisconsin, as recorded in Volume 36 of Surveys at page 14 as Document No. 1013666.	206-1214-3342-134	No address has been assigned	Warranty Deed Document No. 1023640	Westfall Masonry, L.L.C., a Wisconsin limited liability company
Lot 3 - Part of Lot 11 of Plat of Monarch Development	Lot 3 of Certified Survey Map No. 5703 as recorded in Volume 37 of Certified Surveys on Page 279 as Document No. 1042122; being a part of Lot 11 of Monarch Development and Certified Survey Map No. 5456, City of Beaver Dam, Dodge County, Wisconsin.	206-1214-3342-135	210 E. Main Street Beaver Dam, WI 53916	Warranty Deed Document No. 1045579	Jesse M. Dretske, a single person



Shaw	850 Highway 153, Suite F Mosinee, WI 54455 (715) 693-1750	
Shaw Environmental & Infrastructure, Inc.		
REV. NO.:	DRAWING DATE: 04/02/07	ACAD FILE: 2656R67
SITE LOCATION MAP		
SITE: MALLEABLE IRON RANGE SITE D		PM:
LOCATION: BEAVER DAM, WISCONSIN		PE/RG:
DESIGNED: VLL	DETAILED: KFK	PROJECT NO.: 92.656 / FIGURE: 1



Shaw
Shaw Environmental & Infrastructure, Inc.
850 Highway 153, Suite F
Masinee, WI 54455
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	04/02/07	2656R67

SOIL BORING/MONITORING WELL/ PIEZOMETER LOCATIONS

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	2

Table 2 (Continued)
Site Investigation Soil Sample Laboratory Analytical Results
(Samples collected by Shaw Environmental)
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Sample Location	Sample Depth	Sample Date	GRO (ppm)	DRO (ppm)	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	Xylenes (ppb)	Lead (ppm)	Arsenic (ppm)	Barium (ppm)	Cadmium (ppm)	Chromium (ppm)	Mercury (ppm)	Selenium (ppm)	Silver (ppm)
MW-20	2.5-5'	11/16/92	<10	<10	<50	<50	19	<50	2.8	NA	NA	NA	NA	NA	NA	NA
	5-7.5'	11/16/92	<10	<10	<50	<50	23	<50	3.8	NA	NA	NA	NA	NA	NA	NA
MW-21	5-7.5'	11/16/92	<10	<10	<50	<50	14	<50	0.9	NA	NA	NA	NA	NA	NA	NA
	12.5-15'	11/16/92	<10	<10	<50	2	40	15	2.8	NA	NA	NA	NA	NA	NA	NA
MW-22	10-12.5'	11/16/92	<10	<10	<50	8	61	24	4.5	NA	NA	NA	NA	NA	NA	NA
	12.5-15'	11/16/92	<10	<10	<50	<50	12	4	5.6	NA	NA	NA	NA	NA	NA	NA
MW-23	2.5-5'	11/16/92	<10	<10	<50	<50	25	<50	1.2	NA	NA	NA	NA	NA	NA	NA
	10-12.5'	11/16/92	18	<10	<50	7	69	23	4.8	NA	NA	NA	NA	NA	NA	NA
MW-24	MONITORING WELL WAS NEVER INSTALLED															
MW-25	12.5-15'	11/16/92	<50	<50	<50	<50	19	<50	2.8	NA	NA	NA	NA	NA	NA	NA
	18.5-20'	11/16/92	<50	<50	<50	4	47	14	3.7	NA	NA	NA	NA	NA	NA	NA
MW-26	5-7.5'	11/17/92	<50	<50	<50	<50	50	34	1.2	NA	NA	NA	NA	NA	NA	NA
	7.5-10'	11/17/92	<50	<50	<50	<50	56	25	1.4	NA	NA	NA	NA	NA	NA	NA
MW-27	2.5-5'	11/18/92	<50	<50	<50	<50	97	<50	5.9	NA	NA	NA	NA	NA	NA	NA
	5-7.5'	11/18/92	<50	<50	<50	<50	<50	<50	5.3	NA	NA	NA	NA	NA	NA	NA
MW-28	0-2.5'	11/17/92	<50	<50	<50	<50	17	<50	6.0	NA	NA	NA	NA	NA	NA	NA
	5-7.5'	11/17/92	<50	<50	<50	<50	23	<50	2.5	NA	NA	NA	NA	NA	NA	NA
MW-29	2.5-5'	11/17/92	<50	<50	<50	<50	9	<50	5.2	NA	NA	NA	NA	NA	NA	NA
	7.5-10'	11/17/92	<50	<50	<50	5	42	19	0.8	NA	NA	NA	NA	NA	NA	NA
MW-30	13-15'	11/17/92	44	55	<50	9	62	20	1.6	NA	NA	NA	NA	NA	NA	NA
	18-20'	11/17/92	115	27	9	8	67	<50	1.5	NA	NA	NA	NA	NA	NA	NA
MW-31	2.5-5'	11/18/92	NA	<50	<50	145	1,224	<50	4.5	NA	NA	NA	NA	NA	NA	NA
	7.5-10'	11/18/92	NA	<50	<50	<50	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA
MW-32	2.5-5'	11/17/92	<50	<50	<50	<50	11	<50	6.6	3.4	69	<1.0	7	0.04	<0.12	<1.0
	13.5-15'	11/17/92	<50	<50	<50	10	42	25	2.3	NA	NA	NA	NA	NA	NA	NA
MW-33	13.5-15'	11/19/92	<50	<50	<50	<50	<50	<50	6.0	5.5	97	<1.0	14	0.04	<0.12	<1.0
	18.5-20'	11/19/92	<50	<50	180	<50	326	<50	NA	NA	NA	NA	NA	NA	NA	NA
MW-34	13.5-15'	11/19/92	<50	<50	<50	<50	<50	<50	3.2	NA	NA	NA	NA	NA	NA	NA
	18.5-20'	11/19/92	<50	<50	<50	<50	<50	<50	4.2	NA	NA	NA	NA	NA	NA	NA
MW-35	2.5-5'	11/18/92	<50	<50	<50	<50	24	11	0.8	NA	NA	NA	NA	NA	NA	NA
	5-7.5'	11/18/92	<50	<50	<50	<50	31	3	3.5	NA	NA	NA	NA	NA	NA	NA
MW-50	8.5-10	08/12/93	<50	<50	<50	<50	<50	<50	2.3	NA	NA	NA	NA	NA	NA	NA
	13.5-15	08/12/93	<50	<50	<50	<50	<50	<50	5.6	NA	NA	NA	NA	NA	NA	NA
MW-51	6-7.5	08/12/93	<50	<50	<50	<50	<50	<50	4.1	NA	NA	NA	NA	NA	NA	NA
	18.5-20	08/12/93	<50	<50	<50	<50	<50	<50	3.8	NA	NA	NA	NA	NA	NA	NA
MW-60	3-5'	01/28/97	NA	NA	<81	<81	<81	<81	NA	NA	NA	NA	NA	NA	NA	NA
	5-7'	01/28/97	NA	NA	<25	<25	<25	<50	NA	NA	NA	NA	NA	NA	NA	NA
MW-71	NO SAMPLES COLLECTED															
PZ-10	8.5-10	12/15/92	NA	NA	NA	NA	NA	NA	10	NA	NA	NA	NA	NA	NA	NA
PZ-12	NO SAMPLES COLLECTED															
NR720 Standards/TCLP Limit*			100	100	5.5	2,900	1,500	4,100	50	5	100	1	5	0.02	1	5
NR 746.06 Table 1 Values			--	--	8,500	4,600	38,000	42,000	--	--	--	--	--	--	--	--
NR 746.06 Table 2 Values			--	--	1,100	--	--	--	--	--	--	--	--	--	--	--

NOTES:

Bold indicates value exceeds its respective standard

GRO: Gasoline range organics

NA: Not available

DRO: Diesel range organics

* A TCLP test typically involves a twenty-fold dilution of the sample with respect to the procedures utilized. Therefore, it is reasonable to assume that only sample concentrations greater than 20 times the TCLP limit are likely to exceed the regulated standard.

Samples collected for metals analysis were all obtained from 0-2.5 feet

Table 2
Site Investigation Soil Sample Laboratory Analytical Results
(Samples collected by Shaw Environmental)
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Sample Location	Sample Depth	Sample Date	GRO (ppm)	DRO (ppm)	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	Xylenes (ppb)	Lead (ppm)	Arsenic (ppm)	Barium (ppm)	Cadmium (ppm)	Chromium (ppm)	Mercury (ppm)	Selenium (ppm)	Silver (ppm)
TB-30	7.5-10'	11/18/92	<10	<10	<50	<50	<50	<50	-	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	11/18/92	<10	<10	<50	<50	<50	<50	4.1	NA	NA	NA	NA	NA	NA	NA
TB-31	7.5-10'	11/19/92	<10	<10	<50	<50	<50	<50	2.7	NA	NA	NA	NA	NA	NA	NA
	10-12.5	11/19/92	<10	<10	<50	<50	240	<50	4.3	NA	NA	NA	NA	NA	NA	NA
TB-32	8.5-10'	11/19/92	<10	<10	<50	<50	<50	<50	4.4	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	11/19/92	<10	<10	<50	<50	<50	<50	3.0	NA	NA	NA	NA	NA	NA	NA
TB-33	8.5-10'	11/19/92	<10	<10	**139**	<50	168	<50	3.0	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	11/19/92	<10	<10	<50	<50	<50	<50	3.6	NA	NA	NA	NA	NA	NA	NA
TB-34	13.5-15'	11/19/92	<10	<10	<50	<50	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA
	18.5-20	11/19/92	<10	**295**	**125**	<50	270	<50	0.9	NA	NA	NA	NA	NA	NA	NA
TB-35	11-12.5'	11/19/92	<10	<10	<50	<50	<50	<50	2.2	2.7	**110**	<1.0	**10**	0.01	<0.12	<1.0
	13.5-15'	11/19/92	<10	<10	<50	<50	<50	<50	4.0	NA	NA	NA	NA	NA	NA	NA
TB-36	2.5-5	11/19/92	<10	<10	<50	<50	<50	<50	5.2	5.2	**110**	<1.0	**14**	**0.04**	<0.12	<1.0
	5-7.5	11/19/92	<10	<10	**279**	224	1,037	793	11.6	NA	NA	NA	NA	NA	NA	NA
TB-37	11-12.5'	11/19/92	83	19	<50	<50	<50	<50	2.3	3.5	85	<1.0	**11**	**0.04**	<0.12	<1.0
	13.5-15'	11/19/92	<10	<10	<50	<50	327	<50	3.6	NA	NA	NA	NA	NA	NA	NA
TB-38	7.5-10	11/19/92	<10	<10	<50	<50	474	<50	18.8	2.7	**110**	<1.0	**7**	**0.02**	<0.12	<1.0
	12.5-15'	11/19/92	<10	<10	<50	<50	<50	<50	2.9	NA	NA	NA	NA	NA	NA	NA
TB-39	11-12.5'	11/19/92	<10	<10	<50	<50	<50	<50	1.7	3.9	95	<1.0	**5**	**0.02**	<0.12	<1.0
	12.5-15'	11/19/92	<10	<10	<50	158	456	619	2.5	NA	NA	NA	NA	NA	NA	NA
TB-40	5-7.5'	11/19/92	<10	**528**	<50	<50	<50	<50	1.2	4.4	87	<1.0	**12**	**0.03**	<0.12	<1.0
	12.5-15'	11/19/92	84	**1,651**	<50	<50	<50	<50	2.6	NA	NA	NA	NA	NA	NA	NA
TB-41	7.5-10	11/19/92	**511**	**3,715**	<50	251	<50	<50	2.5	4.4	74	<1.0	**10**	**0.03**	<0.12	<1.0
	10-12.5'	11/19/92	**879**	**5,805**	<50	546	<50	611	2.6	NA	NA	NA	NA	NA	NA	NA
TB-42	6-7.5	11/19/92	<10	88	<50	<50	<50	<50	NA	2.5	**100**	<1.0	**5**	<0.01	<0.12	<1.0
	8.5-10'	11/19/92	<10	<10	<50	<50	<50	<50	2.3	NA	NA	NA	NA	NA	NA	NA
TB-43	8.5-10'	11/19/92	<10	<10	**115**	<50	229	<50	2.2	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	11/19/92	<10	<10	<50	<50	<50	<50	2.8	NA	NA	NA	NA	NA	NA	NA
TB-44	6-7.5	11/19/92	<10	<10	<50	<50	<50	<50	1.0	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	11/19/92	<10	<10	<50	<50	<50	<50	2.9	NA	NA	NA	NA	NA	NA	NA
TB-45	6-7.5'	11/19/92	<10	37	<50	<50	<50	<50	6.0	NA	NA	NA	NA	NA	NA	NA
	8.5-10	11/19/92	<10	<10	<50	<50	<50	<50	NA	NA	NA	NA	NA	NA	NA	NA
NR720 Standards/TCLP Limit*			100	100	5.5	2,900	1,500	4,100	50	5	100	1	5	0.02	1	5
NR 746.06 Table 1 Values			--	--	8,500	4,600	38,000	42,000	--	--	--	--	--	--	--	--
NR 746.06 Table 2 Values			--	--	1,100	--	--	--	--	--	--	--	--	--	--	--

NOTES:

Bold indicates value exceeds its respective standard

GRO: Gasoline range organics

NA: Not available

DRO: Diesel range organics

* A TCLP test typically involves a twenty-fold dilution of the sample with respect to the procedures utilized. Therefore, it is reasonable to assume that only sample concentrations greater than 20 times the TCLP limit are likely to exceed the regulated standard.

Samples collected for metals analysis were all obtained from 0-2.5 feet

Table 1 (Continued)
Site Investigation Soil Sample Laboratory Analytical Results
(Samples collected by EEA and KEE)
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Sample Location	Sample Depth	Sample Date	GRO (ppm)	DRO (ppm)	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	Xylenes (ppb)	TCE (ppb)	Lead (ppm)	Arsenic (ppm)	Barium (ppm)	Cadmium (ppm)	Chromium (ppm)	Mercury (ppm)	Selenium (ppm)	Silver (ppm)
MW1	7.5-10'	7/22/91	NA	NA	<1.2	<1.2	<1.2	<1.2	<1.2	2.9	**14.5**	**121**	0.091	**17.1**	<0.14	0.025	0.306
MW2	7.5-10'	7/22/91	**1,060**	NA	**<1,100**	**91,000**	**170,000**	**240,000**	**<1,100**	**12,400**	NA	NA	NA	NA	NA	NA	NA
MW3	3.5-5'	7/23/91	NA	NA	NA	NA	NA	NA	NA	19.6	**10.3**	**155**	0.426	**23.6**	**0.215**	0.131	0.17
	7.5-10'	7/23/91	<4.5	16	<1.1	<1.1	2.3	2.2	<1.1	NA	NA	NA	NA	NA	NA	NA	NA
MW4	3.5-5'	7/25/91	NA	NA	<1.1	<1.1	2.3	<1.1	11	3.0	4.01	94.6	<0.057	**16.9**	<0.123	0.023	1.78
MW5	5-7.5'	7/23/91	NA	NA	<1.1	<1.1	3.4	2.2	6.9	2.7	3.86	**109**	0.058	**13.4**	<0.120	0.017	0.117
MW6	5-7.5'	7/24/91	NA	NA	<1.2	<1.2	<1.2	<1.2	<1.1	**66.7**	**9.43**	**150**	1.76	**29.9**	**1.46**	0.146	1.72
MW7	NA	7/24/91	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW8	1-2.5'	8/22/91	NA	NA	NA	NA	NA	NA	NA	9.5	1.19	89.3	<0.118	**32**	**0.069**	0.065	1.31
	7.5-10'	8/22/91	NA	**765**	16	<11	<11	390	<11	NA	NA	NA	NA	NA	NA	NA	NA
MW9	1-2.5'	8/22/91	NA	NA	NA	NA	NA	NA	NA	2.3	0.4	62.6	<0.113	**19.2**	**0.064**	0.022	2.26
	13.5-15	8/22/91	<5.2	<10.4	<10	<10	20	<20	<10	NA	NA	NA	NA	NA	NA	NA	NA
MW10	1-3'	3/9/92	<6.3	<6.3	<13	<13	<13	<13	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3.5-5.5'	3/9/92	NA	NA	NA	NA	NA	NA	NA	7.8	NA	NA	NA	NA	NA	NA	NA
MW11	3.5-5.5'	3/9/92	<5.8	<5.8	<12	<12	<12	<12	NA	NA	NA	NA	NA	NA	NA	NA	NA
	6-8'	3/9/92	NA	NA	NA	NA	NA	NA	NA	2.3	NA	NA	NA	NA	NA	NA	NA
MW12	6-8'	3/10/92	<5.7	<5.7	<11	<11	<11	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8.5-10'	3/10/92	NA	NA	NA	NA	NA	NA	NA	2.1	NA	NA	NA	NA	NA	NA	NA
MW13	6-8'	3/10/92	<5.7	<5.7	<11	<11	<11	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8.5-10'	3/10/92	NA	NA	NA	NA	NA	NA	NA	2.1	NA	NA	NA	NA	NA	NA	NA
MW14	16-17.5'	3/11/92	12	88	<14	<14	<14	<14	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	3/11/92	NA	NA	NA	NA	NA	NA	NA	2.7	NA	NA	NA	NA	NA	NA	NA
MW15	8.5-10.'	3/12/92	<5.6	<5.6	<11	<11	<11	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11-13'	3/12/92	NA	NA	NA	NA	NA	NA	NA	3.3	NA	NA	NA	NA	NA	NA	NA
MW16	11-13'	3/12/92	<5.6	<5.6	<11	<11	<11	<11	NA	2.1	NA	NA	NA	NA	NA	NA	NA
P1	8.5-10.'	3/11/92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
P2	8.5-10.'	3/11/92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NR720 Standards/TCLP Limit*			100	100	5.5	2,900	1,500	4,100	--	50	5	100	1	5	0.02	1	5
NR 746.06 Table 1 Values			--	--	8,500	4,600	38,000	42,000	--	--	--	--	--	--	--	--	--
NR 746.06 Table 2 Values			--	--	1,100	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:
Bold indicates value exceeds NR 720 standard
NA: Not available
GRO: Gasoline range organics
DRO: Diesel range organics
* A TCLP test typically involves a twenty-fold dilution of the sample with respect to the procedures utilized. Therefore, it is reasonable to assume that only sample concentrations greater than 20 times the TCLP limit are likely to exceed the regulated standard.

Table 1
Site Investigation Soil Sample Laboratory Analytical Results
(Samples collected by EEA and KEE)
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Sample Location	Sample Depth	Sample Date	GRO (ppm)	DRO (ppm)	Benzene (ppb)	Ethylbenzene (ppb)	Toluene (ppb)	Xylenes (ppb)	TCE (ppb)	Lead (ppm)	Arsenic (ppm)	Barium (ppm)	Cadmium (ppm)	Chromium (ppm)	Mercury (ppm)	Selenium (ppm)	Silver (ppm)
B1	1-3.5'	7/30/91	NA	NA	<1.3	1.4	6.8	5.6	<1.3	NA	NA	NA	NA	NA	NA	NA	NA
	5-7.5'	7/30/91	NA	NA	NA	NA	NA	NA	NA	7.4	12.3	113	<0.124	33.4	<0.114	0.013	0.805
B2	3.5-5'	7/29/91	NA	98	<1.0	<1.0	1.2	<3.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
B3	7.5-10'	7/29/91	**261**	NA	<7.0	<7.0	<7.0	<21	<7.0	NA	NA	NA	NA	NA	NA	NA	NA
B4	1-3.5'	7/29/91	NA	NA	NA	NA	NA	NA	NA	1.3	**13.1**	**157**	<0.130	**34.5**	<0.117	0.012	1.24
	7.5-10'	7/29/91	NA	NA	<7.0	<7.0	<7.0	<28	<7.0	NA	NA	NA	NA	NA	NA	NA	NA
B5	BORING WAS NEVER INSTALLED																
B6	5-7.5'	7/29/91	NA	NA	NA	NA	NA	NA		1.3	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	7/29/91	NA	NA	<7.0	<7.0	<7.0	<28	<7.0	-	NA	NA	NA	NA	NA	NA	NA
B7	5-7.5'	7/26/91	NA	NA	NA	NA	NA	NA	NA	**504**	**13.7**	3.02	**467**	**37.3**	**504**	**40.6**	2.08
B8	BORING WAS NEVER INSTALLED																
B9	3.5-5'	7/29/91	NA	NA	NA	NA	NA	NA		7.9	**10.3**	**175**	<0.131	**33.4**	<0.136	0.026	1.44
	17.5-20'	7/29/91	NA	NA	<130	390	140	740	<130		NA	NA	NA	NA	NA	NA	NA
B10	5-7.5'	7/29/91	NA	NA	<7.0	<7.0	<7.0	<28	<7.0	<1.16	**7**	120	<0.116	**18.7**	<0.106	0.018	2.1
B11	1-3.5'	7/29/91	NA	NA	NA	NA	NA	NA	NA	**624**	**8.8**	**1,170**	**4.7**	**30.5**	**0.122**	0.398	1.52
	5-7.5'	7/29/91	NA	NA	**210**	160	<7.0	1,170	<7.0	NA	NA	NA	NA	NA	NA	NA	NA
B12	13.5-15'	7/26/91	NA	NA	<7.0	<7.0	<7.0	<28	<7.0	1.8	**5.38**	**113**	<0.117	**14.6**	<0.116	0.018	3.51
B13	BORING WAS NEVER INSTALLED																
B14	3.5-5'	7/26/91	NA	NA	NA	NA	NA	NA	NA	17.6	**5.1**	45.3	<0.114	**19.9**	<0.108	0.102	0.793
	5-7.5'	7/26/91	NA	NA	<7.0	<7.0	<7.0	<28	<7.0	NA	NA	NA	NA	NA	NA	NA	NA
B15	5-7.5'	8/21/91	NA	NA	<1.0	<13	<13	<26	<130	NA	NA	NA	NA	NA	NA	NA	NA
B16	13.5-15'	8/21/91	NA	**1,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B17	1-3.5'	8/22/91	NA	NA	NA	NA	NA	NA	NA	7.8	1.13	133	<0.104	**28.2**	**0.068**	0.052	1.1
	11-13.5	8/22/91	NA	<11.2	<11	<11	20	<22	<11	NA	NA	NA	NA	NA	NA	NA	NA
B18	3.5-5'	8/23/91	NA	NA	NA	NA	NA	NA	NA	3.1	0.679	93	<0.124	**22.9**	<0.044	0.037	0.803
	11-13.5	8/23/91	NA	<11.1	<11	<11	19	<22	<11	NA	NA	NA	NA	NA	NA	NA	NA
B19	8.5-10.'	3/12/92	<6.4	<6.4	<13	<13	<13	<26	NA	NA	NA	NA	NA	NA	NA	NA	NA
	11-12.5'	3/12/92	NA	NA	NA	NA	NA	NA	NA	4.6	NA	NA	NA	NA	NA	NA	NA
B20	11-12.5'	3/12/92	<5.9	<5.9	<12	<12	<12	<12	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13.5-14'	3/12/92	NA	NA	NA	NA	NA	NA	NA	3.2	NA	NA	NA	NA	NA	NA	NA
B21	11-12.5'	3/12/92	<5.7	<5.7	<11	<11	<11	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	3/12/92	NA	NA	NA	NA	NA	NA	NA	2.5	NA	NA	NA	NA	NA	NA	NA
B22	11-12.5'	3/12/92	<5.3	<5.3	<11	<11	<11	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	3/12/92	NA	NA	NA	NA	NA	NA	NA	5.2	NA	NA	NA	NA	NA	NA	NA
B23	13.5-15'	3/12/92	<5.6	<5.6	<11	<11	<11	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	16-17.5'	3/12/92	NA	NA	NA	NA	NA	NA	NA	3.1	NA	NA	NA	NA	NA	NA	NA
B24	8.5-10.'	3/13/92	<5.7	<5.7	<11	<11	<11	<11	NA	2.1	NA	NA	NA	NA	NA	NA	NA
	11-12.5'	3/13/92	NA	NA	NA	NA	NA	NA	NA	2.7	NA	NA	NA	NA	NA	NA	NA
B25	11-12.5'	3/13/92	<5.6	<5.6	<11	<11	<11	<11	NA	NA	NA	NA	NA	NA	NA	NA	NA
	13.5-15'	3/13/92	NA	NA	NA	NA	NA	NA	NA	2.3	NA	NA	NA	NA	NA	NA	NA
NR720 Standards/TCLP Limit*			100	100	5.5	2,900	1,500	4,100	--	50	5	100	1	5	0.02	1	5
NR 746.06 Table 1 Values			--	--	8,500	4,600	38,000	42,000	--	--	--	--	--	--	--	--	--
NR 746.06 Table 2 Values			--	--	1,100	--	--	--	--	--	--	--	--	--	--	--	--

NOTES:

Bold indicates value exceeds NR 720 standard

NA: Not available

GRO: Gasoline range organics

DRO: Diesel range organics

* A TCLP test typically involves a twenty-fold dilution of the sample with respect to the procedures utilized. Therefore, it is reasonable to assume that only sample concentrations greater than 20 times the TCLP limit are likely to exceed the regulated standard.

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
RWD-2
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	*0.4*	<0.38	1.3	<1.1	<0.14	<0.65	<0.35	<0.63	<0.63	*8.9*	2.5	**2.2**	<0.18	<1.2	0.39	<0.20	0.29	<0.22	<0.35	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	*0.28*	<0.25	0.15	<0.25	<0.25	<0.20	0.19	*1.9*	*1.9*	1.9	0.61	**2.1**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	0.46	<0.38	<0.39	<1.1	<0.14	0.41	0.51	*1.5*	*1.5*	4.4	2.1	**8.6**	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	NA
08/02/99	0.34	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.37	*1.6*	1.6	<0.79	**4.9**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
11/17/99	*0.45*	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	*0.62*	2.8	1.4	**6.2**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.50	<0.5	<5.0	<5.0	**1.24**	<0.140	<5.0	<0.60	<0.50	<5.0	<5.0	<5.0	NA
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	*2.9*	4.5	2.9	**3.9**	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	NA
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	*1.8*	*8.6*	8.1	**19**	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	NA
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*0.64*	<0.83	<0.89	**0.41**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*0.91*	<0.83	<0.89	**0.73**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	<0.48	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	*0.51*	1.7	1.1	**1.3**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
RWD-1
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	<0.31	<0.38	<0.71	<1.1	<0.14	<0.65	<0.35	<0.63	**9.8**	2.0	0.55	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	**5.6**	0.75	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	**12**	2.1	0.6	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	NA
08/02/99	*0.62*	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	*1.6*	1.6	<0.79	**3.2**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
11/17/99	0.27	<0.32	<0.27	<0.67	<0.32	0.56	<0.35	<0.43	*3.3*	1.3	<0.79	**0.71**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.00	<0.500	*2.1*	<5.0	<5.0	<0.170	<0.140	<5.0	<5.00	<0.500	<5.00	<5.00	<5.00	NA
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	*4.48*	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	NA
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.53	<0.68	<0.25	*4.0*	<1.0	0.32	<0.23	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	NA
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	**16**	5.6	2.7	**6.1**	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	NA
05/14/03	0.48	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*0.98*	<0.83	<0.89	**0.29**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*0.82*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*1.2*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	**11**	1.7	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
RWC-1
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	<0.62	<0.76	1.4	<2.2	<0.28	<1.30	<0.70	<1.3	<1.3	*37*	*37*	**24**	<0.36	<2.4	<0.76	<0.40	<0.56	<0.44	<0.70	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	*0.6*	<0.50	<0.20	<0.50	<0.50	0.28	1.4	<0.50	**19**	*18*	13	**210**	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
04/21/98	*0.5*	<0.25	0.13	<0.25	<0.25	<0.20	0.25	<0.25	**67**	**96**	*48*	**120**	<0.25	<0.25	<0.25	<0.25	<0.25	0.65	1.1	NA
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	<1.6	<1.9	<2.0	<5.5	<0.70	<3.2	4.2	<3.2	**13**	*14*	9.9	**140**	<0.90	<6.0	<1.9	<1.0	<1.4	<1.1	<1.8	NA
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**12**	*47*	*49*	**100**	<0.35	<0.54	<0.61	<0.30	<0.30	0.54	0.88	NA
11/17/99	*0.6*	<0.64	<0.54	<1.34	<0.64	<0.98	<0.70	<0.86	**18**	*20*	*30*	**340**	<0.70	<1.1	<1.2	<0.60	<0.60	0.94	1.6	NA
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	NS	NS	*0.84*	<5.0	<5.0	**12.6**	<0.140	<5.0	NS	NS	NS	NS	NS	NA
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.50	*2.88*	*10.9*	16.6	**158**	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	NA
05/23/01	<1.3	<0.6	<1.1	<3.7	<2.7	<2.5	<3.4	<1.3	**6.2**	*14*	17	**47**	<1.6	<1.2	<1.2	<1.1	<1.5	<1.3	<1.5	NA
06/13/02	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
05/14/03	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	NA
06/16/04	<0.41	0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**53**	**79**	*61*	**22**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	1.6	<0.45	<0.48	1.2	3.5	**16**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	1.3	<0.45	*0.66*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
RWB-3
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	**8.4**	3.1	7.8	14	<0.14	7.13	1.4	<0.63	*4.8*	1.3	0.52	<0.46	0.22	<1.2	<0.38	<0.20	0.53	<0.22	<0.35	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	**2,500**	*600*	**1,100**	*2,000*	<2.5	**545**	**81**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA
04/21/98	**420**	*150*	*210*	550	<1.2	*230*	**41**	<1.2	**13**	1.8	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	NA
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	**1,700**	**980**	**1,200**	*4,000*	<3.5	**1,110**	**180**	<16	<12	<5.8	<9.8	<12	<4.5	<30	<9.5	<5.0	<7.0	<5.5	<8.8	NA
08/02/99	**1,700**	*540*	*500*	*1,450*	<3.2	**525**	**92**	<4.3	**7.0**	<2.8	<7.9	<2.0	<3.5	<5.4	<6.1	<3.0	<3.0	<3.4	<3.0	NA
11/17/99	**1,100**	*390*	*290*	980	<3.2	*279*	**62**	<4.3	<3.7	<2.8	<7.9	<2.0	<3.5	<5.4	<6.1	<3.0	<3.0	<3.4	<3.0	NA
05/24/00	**495**	<50	<50	<50	<5.0	<100	<80.0	<5.0	<5.0	<50	<50	<1.70	<1.40	<50	<6.0	<5.0	<50.0	<50.0	<50.0	NA
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	**2,380**	**855**	*495*	*2,440*	<0.101	**811.4**	**94.1**	<0.5	<0.50	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	NA
05/23/01	**2,000**	**810**	*650*	*3,180*	<27	**1,600**	**160**	**13**	<18	<50	<12	<12	<16	<12	**37**	<11	<1.5	<13	<15	NA
06/13/02	**2,400**	*550*	*330*	*1,740*	<25	**610**	**73**	<25	<37	<27	<30	<6	<28	<35	<35	<28	<29	<13	<13	NA
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*3.8*	<0.83	<0.89	<0.18	0.48	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
06/16/04	**370**	*380*	150	940	<6.1	**815**	**100**	<4.5	<4.8	<8.3	<8.9	<1.8	<3.7	<9.7	<2.4	<9.7	<0.90	<0.87	<0.95	NA
05/24/05	**750**	*680*	150	*1,660*	<6.1	**838**	**140**	<4.5	<4.8	<8.3	<8.9	<1.8	<3.7	<9.7	<2.4	<5.6	<9.0	<8.7	<9.5	NA
12/20/06	**330**	56	72	231	<3.0	*205*	**30**	<2.2	<2.4	<4.1	<4.4	<0.90	<1.8	<4.8	<1.2	<2.8	<4.5	<4.4	<4.8	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
RWA-3
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	<0.62	<0.76	<0.78	<2.2	<0.28	<1.30	<0.70	<1.3	<1.3	4.8	1.1	<0.92	<0.36	<2.4	<0.76	<0.40	<0.56	<0.44	<0.70	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	0.21	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	**190**	*10*	4.1	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA
04/21/98	**5.3**	<0.50	<0.20	<0.50	<0.50	<0.40	<0.20	<0.50	**170**	*12*	11	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	NA
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	<0.10	<0.38	<0.39	<1.1	<0.14	<0.65	1.8	<0.63	**54**	*20*	*21*	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	NA
08/02/99	**65**	0.75	0.47	<0.67	<0.32	<0.49	<0.35	**59**	**59**	*12*	*21*	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
11/17/99	*4.8*	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	**41**	**41**	*19*	*23*	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<3.4	<3.0	NA
05/24/00	**24.1**	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	**31.1**	*15.4*	*23.7*	**3.01**	<0.14	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	NA
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	**10**	*18.2*	*30.8*	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	NA
05/23/01	*2.7*	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	**21**	5.8	9.1	**0.76**	<0.32	<0.24	*0.81*	<0.21	<0.29	<0.25	<0.29	NA
06/13/02	**6.2**	<2.5	<3.2	<7.1	<2.5	<5.7	<7.0	<2.5	**22**	4.7	8.2	<0.6	<2.8	<3.5	<3.5	<2.8	<2.9	<1.3	<1.3	NA
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**6.7**	6.4	8.5	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
06/16/04	*1.6*	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*3.9*	<0.83	0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
05/24/05	*1.7*	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*1.2*	4.5	6.6	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	*2.0*	4.3	8.1	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
RWA-2
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	0.4	<0.38	0.63	<1.1	<0.14	<0.65	<0.35	<0.63	**65**	1.7	0.82	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	**500**	*380*	**1,100**	*1,000*	<2.5	*314*	**130**	<2.5	**9.3**	*55*	*24*	**8.0**	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA
04/21/98	**590**	*570*	**1,700**	*1,600*	<5.0	*422*	**140**	<5.0	**67**	*28*	*20*	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	**1,100**	*690*	**1,600**	*1,800*	<3.5	*438*	**120**	<16	<12	*18*	16	<12	<4.5	<30	<9.5	<5.0	<7.0	<5.5	<8.8	NA
08/02/99	**920**	**900**	**2,000**	*2,160*	<8.0	**730**	**160**	<11	**23**	<7.0	<20	<5.0	<8.8	<14	<15	<7.5	<7.5	<8.5	7.5	NA
11/17/99	**1,100**	**960**	**1,500**	*2,030*	<3.2	**613**	**160**	**16**	**16**	*9.6*	12	<2.0	<3.5	<5.4	<0.32	<3.0	<3.0	<3.4	<0.30	NA
05/24/00	**476**	*161*	*611*	484	<5.0	83.5	<80	<5.0	**6.77**	<50	<50	**3.93**	<1.40	<50	<6.0	<5.0	<50.0	<50.0	<50.0	NA
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	**1,200**	45.9	*912*	*2,510*	<0.101	**919**	**186**	<0.5	*3.91*	*9.01*	5.43	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	NA
05/23/01	**410**	*350*	*220*	345	<27	*240*	<34	<13	<13	<50	<12	<12	<16	<12	<12	<11	<15	<13	<15	NA
06/13/02	**440**	*280*	*520*	*1,280*	<10	*420*	**67**	<10	<15	<11	<12	<2.4	<11	<14	<14	<11	<11	<5.2	<5.2	NA
05/14/03	**200**	*330*	98	405	<1.2	*210*	*30*	<0.90	<0.96	<1.7	<1.8	<0.36	<0.74	<1.9	<0.48	<1.1	<1.8	<1.7	<1.9	NA
06/16/04	**270**	*620*	*220*	670	<3.0	*328*	**71**	<2.2	<2.4	<4.1	<4.4	<0.90	<1.8	<4.8	<1.2	<2.8	<4.5	<4.4	<4.8	NA
05/24/05	**180**	**700**	*520*	*1,530*	<6.1	*456*	**110**	<4.5	<4.8	<8.3	<8.9	<1.8	<3.7	<9.7	<2.4	<5.6	<9.0	<8.7	<9.5	NA
12/20/06	**140**	*610*	*320*	*1,140*	<3.0	*308*	**170**	<2.2	<2.4	<4.1	<4.4	<0.90	<1.8	<4.8	<1.2	<0.56	<0.90	<0.87	<0.95	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
RWA-1
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<.65	<0.35	<0.63	**15**	<0.23	<0.39	**0.63**	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	<0.10	<0.25	<0.10	<0.25	<0.25	0.13	0.2	<0.25	*4.2*	0.58	<0.25	**0.28**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	<0.20	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	*2.2*	*2.2*	0.41	<0.39	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	NA
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.37	<0.37	<0.28	<0.79	**0.24**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
11/17/99	<0.27	<0.32	<0.27	<0.67	NA	NA	NA	NA	*2.0*	<0.28	<0.79	**0.23**	<0.35	<0.54	NA	NA	NA	NA	NA	NA
05/24/00	<0.5	<5.0	<5.0	<5.0	0.654	<10	<8.0	<0.50	<0.5	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	NA
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	*0.98*	<5.0	<5.0	**0.65**	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	NA
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	*0.88*	<1.0	<0.23	<0.23	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	NA
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	*1.3*	<0.53	<0.59	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	NA
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	<0.48	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*1.4*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*0.91*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	*1.5*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-64
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	**90**	*7.6*	0.91	<0.46	<0.18	<0.38	<1.2	<0.20	0.29	0.22	<0.35	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	0.11	<0.25	0.3	<0.25	<0.25	<0.20	<0.10	<0.25	**91**	4.7	0.44	**1.1**	<0.25	<0.25	<0.25	<0.25	0.54	<0.25	<0.25	NA
04/21/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	**35**	0.97	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA
07/23/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	**39**	1.2	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA
11/10/98	<0.20	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	**41**	1.7	<0.39	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	NA
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**24**	0.4	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**71**	2.6	<0.79	**0.48**	<0.35	<0.54	<0.61	<0.30	0.32	<0.34	<0.30	NA
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	**7.18**	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	NA
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	**56.3**	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	NA
05/23/01	<1.3	<0.6	<1.1	<3.7	<2.7	<2.5	<3.4	<1.3	**19**	<5	<1.2	<1.2	<1.6	<1.2	<1.2	<1.1	<1.5	<1.3	<1.5	NA
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	**37**	<0.53	<0.59	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	NA
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**31**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**43**	1.4	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**49**	0.99	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	**38**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-62
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	*0.59*	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	*3.9*	0.61	<0.39	<0.46	0.24	<0.38	<0.38	<0.20	0.48	<0.22	<0.35	879.75
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	0.15	<0.25	0.29	<0.25	<0.25	<0.20	<0.10	<0.25	*3.6*	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	878.41
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	<0.25	<0.25	<0.10	<0.25	<0.25	<0.10	<0.10	<0.25	**15**	1.6	0.44	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	879.75
11/10/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**13**	2.6	1.0	**0.59**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	881.48
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	*3.1*	<0.28	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	878.63
05/24/00	<0.5	<5.0	<5.0	<5.0	1.3	<10.0	<8.0	<0.5	*1.04*	<5.0	<5.0	**1.04**	<0.140	<5.0	<0.6	<05.0	<5.0	<5.0	<5.0	880.75
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	*3.3*	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	878.61
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	*2.4*	1.4	0.63	**2.8**	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	880.93
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	**7.8**	1.3	<0.59	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	NA
05/14/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*1.1*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	885.66
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*1.0*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.58
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	<0.48	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	880.14
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-61
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	*3.7*	0.45	<0.39	<0.46	0.21	<0.38	<0.38	<0.20	0.7	<0.22	<0.35	879.70
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	<0.10	<0.25	0.23	<0.25	<0.25	<0.20	<0.10	<0.25	**15**	0.44	<0.25	<0.25	0.41	<0.25	<0.25	<0.25	1.5	<0.25	<0.25	878.49
04/21/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.10	<0.10	<0.25	**28**	2.5	1.4	<0.25	0.45	<0.25	<0.25	<0.25	4	<0.25	<0.25	880.15
07/23/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	**14**	1.5	0.88	<0.25	0.23	<0.25	<0.25	<0.25	2	<0.25	<0.25	879.58
11/10/98	<0.20	<0.38	<0.39	<1.1	<0.14	<0.65	1.1	<0.63	**12**	<0.20	<0.39	<0.46	0.37	<1.2	<0.38	<0.20	1.4	<0.22	<0.35	878.61
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	21	**21**	1.4	1.4	<0.20	<0.35	<0.54	<0.61	<0.30	21	<0.34	<0.30	881.26
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**18**	0.61	<0.79	<0.20	0.42	<0.54	<0.61	<0.30	1.8	<0.34	<0.30	878.67
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.00	1.67	*1.67*	<5.0	<5.0	<0.170	<0.140	<5.0	<0.600	<0.500	<5.00	<5.00	<5.00	880.63
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	**16.5**	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	878.70
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	**19**	1.2	1.3	<0.23	0.34	<0.24	<0.24	<0.21	2	<0.25	<0.29	880.78
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	**20**	1.0	0.66	<0.12	<0.56	<0.69	<0.69	<0.55	1.5	<0.26	<0.26	880.25
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**9.7**	<0.83	<0.89	<0.18	0.4	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.37
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**9.8**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	885.03
05/24/05	<0.41	<0.54	<0.67	<1.8	<0.61	<1.8	<0.74	<0.45	*3.9*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	885.14
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	**7.6**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.93
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-60
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.10	<0.10	<0.25	*0.88*	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	NA
11/10/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.29	<0.35	<0.43	*1.3*	<0.28	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	882.84
11/17/99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.50	<0.5	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	877.16
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	<0.36	<1.0	<0.23	<0.23	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	884.38
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	<0.73	<0.53	<0.59	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	NA
05/14/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
06/16/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
05/24/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	*1.6*	1.7	<0.89	**0.7**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	881.95
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled
MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
PZ-12
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	**24**	**24**	0.7	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	879.49
11/10/98	<0.20	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	**17**	**17**	0.75	<0.39	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	878.58
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**38**	1.4	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	881.24
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**44**	1.7	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	878.61
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	*2.82*	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	880.68
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	**44**	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	878.71
05/23/01	<1.3	<0.6	<1.1	<3.7	<2.7	<2.4	<3.4	<1.3	**33**	<5	<1.2	<1.2	<1.6	<1.2	<1.2	<1.1	<1.5	<1.3	<1.5	880.84
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	**40**	<0.53	<0.59	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	882.23
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**46**	1.5	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.38
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**43**	1.5	1.0	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	885.05
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**41**	1.4	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.60
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	**15**	1.1	1.8	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	880.01
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
PZ-10 (Deep)
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
04/21/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	*1.0*	0.66	2.8	4.1	<0.14	1.1	0.41	<0.63	*4.8*	<0.23	<0.39	<0.46	<0.18	<1.2	<0.38	<2.20	<0.28	<0.22	<0.35	875.44
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	3.7	0.5	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	878.86
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**23**	1.6	<0.79	**0.33**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	866.90
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	**7.26**	**7.26**	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	877.70
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	**6.24**	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	875.17
05/23/01	<0.25	<0.12	<0.22	<0.77	<0.53	<0.50	<0.68	<0.25	*4.4*	<1.0	<0.23	<0.23	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	877.86
06/13/02	<2.2	<2.5	<3.2	<7.1	<2.5	<5.7	<7	<2.5	**31**	<2.7	<3	<0.6	<2.8	<3.5	<3.5	<2.8	<2.9	<1.3	<1.3	876.61
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**5.3**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	875.62
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**9.2**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	882.31
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	2.9	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	876.56
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	2.7	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	876.98
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene
TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled
MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
PZ-10 (Shallow)
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	<0.50	<1.0	<1.0	<3.0	<1.0	<2.0	<1.0	<1.0	**100**	*8.5*	1.2	<0.50	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	865.33
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	**65**	6.3	0.88	<0.46	<0.18	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	867.40
07/24/97	<0.31	<0.38	<0.39	<1.1	NA	NA	NA	NA	**34**	3.8	0.49	<0.46	<0.18	<0.38	NA	NA	NA	NA	NA	867.45
12/30/97	<0.10	<0.25	1.6	<0.25	<0.25	<0.10	<0.10	<0.25	**14**	0.92	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	864.44
04/21/98	<0.10	<0.25	0.59	1.7	<0.25	1.84	1.5	<0.25	**70**	5.0	0.82	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	869.43
07/23/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	68	**68**	4.4	0.6	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	866.65
11/10/98	*0.88*	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	*3.2*	<0.23	<0.39	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	877.05
08/02/99	*0.7*	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**12**	3.3	3.1	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	884.36
11/17/99	**11**	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**6.4**	0.51	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	868.51
05/24/00	**29.2**	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	*0.688*	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	NA	NA	870.56
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	**15.4**	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.50	**6.35**	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	868.55
05/23/01	*0.84*	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	**19**	3.5	1.4	<0.23	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	870.80
06/13/02	**15**	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	**18**	2.3	0.71	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	870.92
05/14/03	**110**	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**7.4**	1.5	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	869.28
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*2.0*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	875.50
05/24/05	**400**	<1.4	<1.7	<6.7	<1.5	<5.5	<1.8	<1.1	*2.0*	<2.1	<2.2	<0.45	<0.92	<2.4	<0.60	<1.4	<2.2	<2.2	<2.4	869.53
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	<0.48	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	871.90
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
PZ-1
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	**58**	4.6	3.2	**2.9**	<0.18	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	879.84
07/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	**44**	4.1	*37*	**4.0**	<0.18	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	880.23
12/30/97	0.29	<0.25	0.2	<0.25	<0.25	0.22	<0.10	<0.25	**54**	4.9	3.5	**2.7**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	878.46
04/21/98	<0.10	<0.25	0.34	<0.25	<0.25	<0.20	<0.10	<0.25	**92**	2.4	1.3	**0.97**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	882.75
07/23/98	<0.20	<0.50	<0.20	0.78	<0.50	<0.40	0.7	<0.50	**150**	2.8	1.7	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	880.65
11/10/98	<0.20	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	**27**	2.7	2.6	**2.6**	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	878.77
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	**86**	**86**	3.8	2.1	**1.1**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	883.3
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	**54**	**54**	2.5	2.9	**1.5**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	880.09
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	**70.7**	<5.0	<5.0	**3.03**	<0.14	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	882.21
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	**75.4**	<5.0	<5.0	**1.76**	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	880.17
05/23/01	<1.3	<0.6	<1.1	<3.7	<2.7	<2.4	<3.4	<1.3	**46**	<5	1.5	<1.2	<1.6	<1.2	<1.2	<1.1	<1.5	<1.3	<1.5	882.02
06/13/02	<4.3	<4.9	<6.3	<14.5	<4.9	<11.4	<14	<4.9	**100**	<5.3	<5.9	<1.2	<5.6	<6.9	<6.9	<5.5	<5.7	<2.6	<2.6	881.25
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**27**	2.3	1.8	**0.57**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	880.90
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**40**	1.3	0.98	**0.27**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	887.70
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**39**	1.6	<0.89	**0.51**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	881.70
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	**35**	1.1	<0.89	*0.19*	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	882.14
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-33
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	<0.50	<1.0	<1.0	<3.0	<1.0	<2.0	<1.0	<1.0	<1.0	2.6	15	**18**	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	880.51
03/24/97	0.38	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	1.7	*1.7*	*19*	12	**29**	<0.18	<0.38	<0.38	<0.20	<0.11	<0.22	<0.35	881.86
07/24/06	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	<0.63	1.6	1.4	**8.0**	<0.18	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	882.33
12/30/97	*0.55*	<0.25	0.2	<0.25	<0.25	<0.20	<0.10	1.2	*1.2*	*13*	6.8	**15**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	881.08
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	*0.55*	2.0	6.3	12	<0.25	6.8	3.0	<0.25	*0.51*	6.7	3.6	**16**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	879.77
11/10/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.37	<0.37	0.57	<0.79	**4.0**	<0.35	<0.54	<0.61	<0.30	<0.30	>0.34	<0.30	881.42
11/17/99	0.32	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	<0.37	6.3	4.0	**17**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	878.67
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	<0.5	<5.0	<5.0	**5.05**	<0.140	<5.0	<0.6	<0.5	<0.5	<5.0	<5.0	880.85
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	<0.50	<5.0	<5.0	**1.66**	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	877.86
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	<0.36	2.0	2.1	**21**	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	881.13
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	<0.73	2.3	2.0	**16**	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	880.25
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	<0.48	<0.83	<0.89	**1.5**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.47
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*4.2*	3.6	1.6	**1.9**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	885.68
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	<0.48	<0.83	<0.89	**4.9**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.69
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	<0.48	<0.83	<0.89	**4.3**	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	880.12
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-32
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	<0.50	<1.0	<1.0	<3.0	<1.0	NA	<1.0	NA	*3.9*	<1.0	NA	**0.6**	NA	NA	NA	NA	NA	NA	NA	NA
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	*1.4*	*1.0*	<0.23	<0.39	<0.46	<0.18	<0.38	<0.38	<02.0	<0.28	<0.22	<0.325	881.44
07/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	*1.2*	<0.49	<0.23	<0.39	<0.46	<0.18	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	880.69
12/30/97	<0.10	<0.25	0.29	<0.25	<0.25	<0.35	<0.10	*1.1*	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	878.45
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	**5.7**	**5.7**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	879.72
11/10/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	*1.6*	<0.37	<0.28	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	881.42
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	**36**	**36**	0.51	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	878.65
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	*2.15*	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	880.81
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	**84.5**	<5.0	<5.0	<0.214	<0.237	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	878.66
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	*0.61*	*1.1*	<1.0	<0.23	<0.23	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	881.21
06/13/02	<2.2	<2.5	<3.2	<7.1	<2.5	<5.7	<7	<2.5	**25**	<2.7	<3	<0.6	<2.8	<3.5	<3.5	<2.8	<2.9	<1.3	<1.3	881.26
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	3.2	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.50
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<0.24	<0.74	<0.45	**19**	1.7	0.94	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	881.91
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	**8.9**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.70
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	**8.7**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	880.06
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-26
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	<0.50	<1.0	<1.0	<3.0	<1.0	<2.0	<1.0	<1.0	*4.9*	<1.0	<1.0	<0.50	*1.5*	<4.0	<4.0	,1.0	<1.0	<1.0	<1.0	884.65
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	*3.1*	0.28	<0.39	<0.46	*1.4*	<0.38	<0.38	0.46	<0.28	<0.20	<0.22	885.94
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	*NS*	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	<0.10	<0.25	0.37	<0.25	<0.25	<0.20	<0.10	<0.25	*4.4*	<0.25	<0.25	<0.25	*1.4*	<0.25	<0.25	0.44	<0.25	<0.25	<0.25	884.61
04/21/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	*4.2*	0.42	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	888.81
07/23/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
11/10/98	<0.20	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	*3.5*	<0.20	<0.39	<0.46	*1.8*	<1.2	<0.38	0.23	<0.28	<0.22	<0.35	884.75
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	*3.6*	<0.28	<0.79	<0.20	<0.35	<0.54	<0.61	<0.30	0.3	<0.34	<0.30	NA
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	*4.0*	<0.28	<0.79	<0.20	*1.3*	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	*2.31*	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	886.96
12/19/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	*2.8*	<1.0	<0.23	<0.23	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	887.07
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	*3.5*	<0.53	<0.59	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	886.32
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*2.7*	<0.83	<0.89	<0.18	*1.5*	<0.97	<0.24	**0.7**	<0.90	<0.87	<0.95	885.57
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*0.87*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	891.82
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*1.5*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	885.81
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	*0.95*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	886.21
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-25
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	<0.50	<1.0	<1.0	<3.0	<1.0	<2.0	<1.0	<1.0	*2.5*	<1.0	<1.0	<0.50	1.1	<4.0	<4.0	<1.0	2.5	<1.0	<1.0	878.54
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	*2.1*	<0.23	<0.39	<0.46	**0.69**	<0.38	<0.38	0.27	0.28	<0.22	<0.35	879.80
07/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	*1.1*	<0.23	<0.39	<0.46	1.1	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	880.27
12/30/97	<0.10	<0.25	0.62	<0.25	<0.25	<0.20	<0.10	1.4	*1.4*	<0.25	<0.25	<0.25	1.1	<0.25	<0.25	0.32	<0.25	<0.25	<0.25	878.49
04/21/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
07/23/98	<0.10	<0.25	<0.120	<0.25	<0.25	<0.20	<0.10	<0.25	*0.76*	<0.25	<0.25	<0.25	**0.87**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	882.62
11/10/98	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
08/02/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	*0.64*	<0.28	<0.79	<0.20	**1.0**	<0.54	<0.61	0.31	<0.30	NA	NA	881.35
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	0.88	*0.88*	<0.28	<0.79	<0.20	**1.1**	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	878.66
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	<0.5	<5.0	<5.0	<0.170	**1.62**	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	880.77
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	<0.50	<5.0	<5.0	<0.214	**2.32**	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	878.72
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	*0.5*	<1.0	<0.23	<0.23	**1.9**	<0.24	<0.24	**0.24**	<0.29	<0.25	<0.29	880.86
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	<0.73	<0.53	<0.59	<0.12	*1.2*	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	881.56
05/14/03	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
06/16/04	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
05/24/05	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/20/06	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-20
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	<0.50	<1.0	<1.0	<3.0	<1.0	2.2	<1.0	<1.0	**35**	1.4	1.5	**0.89**	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	878.68
03/24/97	<0.31	0.44	<0.39	<1.1	<0.14	0.78	<0.35	**17**	**17**	0.95	0.55	<0.46	<0.18	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	879.63
07/24/97	<0.31	0.84	<0.39	1.8	<0.14	0.65	<0.35	<0.63	*3.0*	0.38	<0.39	<0.46	<0.18	0.46	0.46	<0.20	<0.28	<0.22	<0.35	880.05
12/30/97	0.19	<0.25	0.58	0.96	<0.25	0.39	0.47	<0.25	**5.1**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	878.47
04/21/98	*0.56*	90	4.6	230	<0.25	5.48	0.66	<0.25	**9.2**	0.82	0.57	<0.25	<0.25	<0.25	<0.254	<0.25	<0.25	<0.25	<0.25	881.82
07/23/98	<0.10	3.6	0.66	12	<0.25	5.48	0.66	<0.25	**21**	1.5	1.5	<2.5	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	879.47
11/10/98	*2.8*	3.2	15	20	<0.14	6.8	1.3	<0.63	*2.8*	<0.23	<0.39	<0.46	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	878.60
08/02/99	<0.27	11	1.0	24.8	<0.32	5.92	1.1	<0.43	**18**	1.2	1.5	**0.28**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	880.97
11/17/99	<0.27	<0.32	<0.27	0.52	<0.32	<0.49	<0.35	<0.43	*4.3*	<0.28	<0.79	**0.29**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	878.62
05/24/00	<0.5	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.5	**8.16**	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	880.42
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.50	**5.64**	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	878.71
05/23/01	0.37	15	1.1	37.1	<0.53	9.5	1.0	<0.25	**16**	<1.0	0.56	**0.36**	*1.2*	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	880.60
06/13/02	<0.43	5.7	4.1	23.3	<0.49	6.07	1.5	<0.49	**20**	1.6	<0.59	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	882.01
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*1.3*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.28
06/16/04	<0.41	14	<0.67	32.3	<0.61	25.6	6.2	<0.45	*1.2*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	884.00
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<0.97	<0.74	<0.45	**11**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	873.84
12/20/06	<0.41	0.73	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	**8.8**	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.83
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-15
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	<0.50	<1.0	<1.0	<3.0	<1.0	<2.0	<1.0	<1.0	*4.2*	<1.0	<1.0	<0.50	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	878.45
03/24/97	<0.31	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	*2.2*	<0.23	<0.39	<0.46	0.39	<0.38	<0.38	<0.20	0.5	<0.22	<0.35	879.77
07/24/97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/30/97	0.1	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	**5.0**	0.3	<0.25	**1.5**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	878.40
04/21/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	**6.5**	1.0	0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	882.67
07/23/98	<0.10	<0.25	<0.10	<0.25	<0.25	<0.20	<0.10	<0.25	*4.7*	0.72	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	879.58
11/10/98	<0.20	<0.38	<0.39	<2.2	<0.14	<0.65	<0.35	<0.63	*4.1*	<0.23	<0.39	<0.46	0.23	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	878.57
08/02/99	*1.2*	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**11**	5.4	1.7	**0.7**	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	NA
11/17/99	<0.27	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	**5.7**	2.7	0.8	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	887.40
05/24/00	*2.47*	<5.0	<5.0	<5.0	<0.5	<10.0	<8.0	<0.43	*4.72*	<5.0	<5.0	<0.170	<0.140	<5.0	<0.6	<0.5	<5.0	<5.0	<5.0	880.70
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	<0.50	<5.0	<5.0	<5.0	<0.101	<10.0	<8.0	<0.5	*4.04*	<5.0	<5.0	<0.214	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	878.64
05/23/01	<0.25	<0.12	<0.22	<0.74	<0.53	<0.50	<0.68	<0.25	**6.6**	1.3	0.52	<0.23	<0.32	<0.24	<0.24	<0.21	<0.29	<0.25	<0.29	880.88
06/13/02	<0.43	<0.49	<0.63	<1.45	<0.49	<1.14	<1.4	<0.49	**8.4**	0.87	<0.59	<0.12	<0.56	<0.69	<0.69	<0.55	<0.57	<0.26	<0.26	NA
05/14/03	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*3.9*	<0.83	<0.89	<0.18	*1.0*	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.41
06/16/04	<0.41	<0.54	<0.67	<2.63	<0.61	<0.24	<0.74	<0.87	*1.4*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	885.63
05/24/05	<0.41	<0.54	<0.67	<2.63	<0.61	<1.8	<0.74	<0.45	*1.6*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	879.69
12/20/06	<0.41	<0.54	<0.67	<2.63	<0.61	<1.80	<0.74	<0.45	*1.1*	<0.83	<0.89	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	880.03
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 8
Postremedial Groundwater Sample Laboratory Analytical Results
MW-7
Malleable Iron Range Site D
Beaver Dam, Wisconsin

Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	MTBE	TMBs	Naph-thalene	PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	Chloro-form	Chloro-ethane	Chloro-methane	Bromo-dichloro-methane	1,1,1-Trichloro-ethane	1,3-Dichloro-benzene	1,4-Dichloro-benzene	Groundwater Elevations (MSL)
10/28/96	**63**	54	9.6	21	<1.0	26.3	*9.6*	<1.0	**170**	*37*	<1.0	<5.0	<1.0	<4.0	<4.0	<1.0	<1.0	<1.0	<1.0	875.70
03/24/97	**9**	14	9.2	16	<0.14	7.8	2.6	**300**	**300**	2.5	4	<0.46	<0.18	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	877.05
07/24/97	*2.4*	<0.38	<0.39	<1.1	<0.14	<0.65	<0.35	<0.63	**370**	*25*	9.1	**0.56**	<0.18	<0.38	<0.38	<0.20	<0.28	<0.22	<0.35	877.43
12/30/97	**38**	29	2.4	2.5	<0.25	0.31	0.18	<0.25	**79**	**210**	*98*	**1.4**	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	875.57
04/21/98	**100**	*180*	64	170	<1.2	51.2	*18*	<1.2	**77**	**84**	*41*	**2.9**	<0.25	<0.25	<1.2	<1.2	<1.2	<1.2	<1.2	879.95
07/23/98	**180**	*200*	57	140	<1.2	51.2	*18*	<1.2	**49**	*69*	*42*	**16**	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	<1.2	876.79
11/10/98	**56**	58	2.9	65.6	<0.14	39.5	*13*	<0.63	**18**	*53*	*35*	**8.2**	<0.18	<1.2	<0.38	<0.20	<0.28	<0.22	<0.35	875.86
08/02/99	*2.9*	<0.32	<0.27	<0.67	<0.32	<0.49	<0.35	<0.43	<0.27	3.8	2.5	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	881.05
11/17/99	**140**	*200*	14	36.4	<0.32	41.4	*8.4*	**13**	**13**	*33*	*24*	<0.20	<0.35	<0.54	<0.61	<0.30	<0.30	<0.34	<0.30	878.61
05/24/00	**64.4**	134	69.7	296	<5.0	86.8	<80.0	<5.0	**8.13**	<50	<50	**7.27**	<1.40	<50	<6.0	<5.0	<5.0	<5.0	<5.0	880.44
08/03/00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NA
12/19/00	**53.5**	121	8.86	70.3	<0.101	*174.9*	*30.6*	<0.5	**5.64**	*41.2*	14	**11.3**	<0.196	<5.0	<0.237	<0.48	<5.0	<5.0	<5.0	877.86
05/23/01	**79**	*510*	100	600	<27	**1,030**	**150**	<13	<18	<50	<12	<12	<16	<12	<12	<11	<15	<13	<15	881.65
06/13/02	**120**	*230*	32	254	<4.9	*253*	*36*	<4.9	**19**	<5.3	<5.9	<1.2	<5.6	<6.9	<6.9	<5.5	<5.7	<2.6	<2.6	880.38
05/14/03	**30**	*290*	47	390	<3.0	**920**	**150**	<2.2	*2.5*	*9.3*	<4.4	<0.90	<1.8	<4.8	<1.2	<2.8	<4.5	<4.4	<4.8	877.42
06/16/04	**21**	*590*	170	*1,070*	<4.3	**1,210**	**270**	<4.5	<4.5	<8.3	<8.9	<0.90	<3.7	<9.7	<2.4	<5.6	<9.0	<8.7	<9.5	885.62
05/24/05	**25**	20	4.3	55.8	<1.2	*138*	*14*	<0.9	*3.3*	<1.7	<1.8	<0.36	<0.74	<1.9	<0.48	<1.1	<1.8	<1.7	<1.9	879.61
12/20/06	**22**	13	2.3	20.8	<0.61	26	6.2	<0.45	**11**	1.8	2.3	<0.18	<0.37	<0.97	<0.24	<0.56	<0.90	<0.87	<0.95	880.08
NR 140 PAL	0.5	140	200	1,000	12	96	8	0.5	0.5	7	20	0.02	0.6	80	0.3	0.06	40	125	15	-
NR 140 ES	5	700	1,000	10,000	60	480	40	5	5	70	100	0.2	6	400	3	0.6	200	1,250	75	-

Notes:
All results are reported in ppb
Bold indicates value equals or exceeds the NR 140 ES
Italic indicates value equals or exceeds the NR 140 PAL

ES: Enforcement standard
PAL: Preventive action limit
PCE: Tetrachloroethene

TCE: Trichloroethene
DCE: Dichloroethene
NS: Not sampled

MTBE: Methyl-t-butyl-ether
TMB: Trimethylbenzenes
NA: Not analyzed/Not available

Table 5
Remedial Excavation Soil Sample Laboratory Analytical Results
Malleable Iron Range Site D
Beaver Dam, Wisconsin

SAMPLE ID	GRO (ppm)	DRO (ppm)	Benzene	Ethylbenzene	Toluene	Xylenes
NORTHERN EXCAVATION AREA						
N-B-2.5-16	<5.0	<100	<5.0	<5.0	<5.0	<15
N-BC-2-16	<5.0	<100	<5.0	<5.0	<5.0	<15
N-BC-2.5-20	<5.0	<100	<5.0	<5.0	<5.0	<15
N-BC-3-16	<5.0	<100	<5.0	<5.0	<5.0	<15
N-BC-2.5-15	NA	**710**	NA	NA	NA	NA
N-C-2.5-16	<5.0	<100	<5.0	<5.0	<5.0	<15
N-G-2.5-15	NA	**670**	NA	NA	NA	NA
N-G-2.5-18	<5.0	<100	<5.0	<5.0	<5.0	<15
N-GH-2.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
N-FG-2.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
N-G-3-15	<5.0	<100	<5.0	<5.0	<5.0	<15
N-G-2-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SOUTHERN EXCAVATION AREA						
S-A-2-7	<5.0	<100	<5.0	<5.0	<5.0	<15
S-AB-1-7	<5.0	<100	<5.0	<5.0	<5.0	<15
S-B-1-6	<5.0	<100	<5.0	<5.0	<5.0	<15
S-B-1-11	<5.0	<100	<5.0	<5.0	<5.0	<15
S-B-1.5-7	21	<100	<5.0	<5.0	<5.0	<15
S-BC-1-7	<5.0	<100	<5.0	<5.0	<5.0	<15
S-C-2-6	<5.0	<100	<5.0	<5.0	<5.0	<15
SOUTH-CENTRAL EXCAVATION AREA						
SC-AB-2-15	<5.0	<100	<5.0	<5.0	<5.0	<25
SC-B-2-19	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-B-2-18	NA	**410**	NA	NA	NA	NA
SC-B-2-15	<5.0	**140**	<5.0	<5.0	<5.0	<15
SC-B-6-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-BC-0-15	<5.0	<100	<5.0	<5.0	<5.0	<5
SC-BC-1-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-BC-3-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-BC-7.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-BC-6.5-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-BC-7-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-C-0-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-C-2-9	NA	**11,000**	NA	NA	NA	NA
SC-C-0-13	NA	**1,200**	NA	NA	NA	NA
SC-C-4-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-C-3-15	NA	**660**	NA	NA	NA	NA
SC-C-3-18	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-C-(-1)-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-C-2-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-C-7.5-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-C-6.5-8	NA	**890**	NA	NA	NA	NA
SC-C-6.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-C-5.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-CD-5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-CD-6-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-CD-3-18	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-CD-1-15	32	<100	<25	<25	<25	<25
SC-CD-1-9	NA	**470**	NA	NA	NA	NA
SC-CD-3-15	NA	**140**	NA	NA	NA	NA
SC-CD-(-1)-9	NA	**130**	NA	NA	NA	NA
SC-CD-(-1.5)-14	6.5	<100	<25	<25	<25	<25
SC-CD-(-1)-13	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-CD-3-8	NA	**550**	NA	NA	NA	NA
SC-CD-(-2)-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-CD-4.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
NR 720 Standard	100	100	6	2,900	1,500	4,100

Notes:
Bold indicates value equals or exceeds the NR720 standard
Samples collected between 6/23/95 and 7/24/95
Sample ID notation: Example SC-D-5-15 where SC=South-central excavation, D=row, 5=column, and 15=depth of sample

GRO: Gasoline range organics
DRO: Diesel range organics

Table 3 (Continued)
Remedial Excavation Soil Sample Laboratory Analytical Results
Malleable Iron Range Site D
Beaver Dam, Wisconsin

SAMPLE ID	GRO (ppm)	DRO (ppm)	Benzene	Ethylbenzene	Toluene	Xylenes
SOUTH-CENTRAL EXCAVATION AREA						
SC-D-6.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-6.5-18	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-0-18	<5.0	<100	<5.0	<5.0	<5.0	46
SC-D-2-5	NA	**220**	NA	NA	NA	NA
SC-D-(-0.5)-14	<5.0	<100	<25	<25	<25	<75
SC-D-(-0.5)-8	NA	**360**	NA	NA	NA	NA
CS-D-(-0.5)-15	<5.0	<100	<5.0	<5.0	<5.0	<15
CS-D-5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-(-1)-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-7.5-6	NA	**410**	NA	NA	NA	NA
SC-D-7.5-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-8-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-4-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-6.5-9	NA	**630**	NA	NA	NA	NA
SC-D-(0.5)-5	NA	**170**	NA	NA	NA	NA
SC-D-2-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-3-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-D-6.5-18	<5.0	<100	NA	NA	NA	NA
SC-DE-7-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-DE-1-8	NA	**1,200**	NA	NA	NA	NA
SC-DE-(0.5)-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-DE-0-15	<5.0	<100	<5.0	<5.0	<5.0	<22
SC-DE-1-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-E-2-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-E-5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-E-6-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-E-6-6	NA	**1,200**	NA	NA	NA	NA
SC-E-4-6	NA	**980**	NA	NA	NA	NA
SC-E-5-6	NA	**1,400**	NA	NA	NA	NA
SC-E-3-6	NA	**100**	NA	NA	NA	NA
SC-E-(-0.5)-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-E-4-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-E-3-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-E-8-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-E-8-12	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-EF-1.5-15	<5.0	<100	<5.0	<5.0	<5.0	<5
SC-EF-1-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-EF-7-6	NA	**150**	NA	NA	NA	NA
SC-EF-7-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-F-6-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-F-3-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-F-4-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-F-7.5-6	NA	**280**	NA	NA	NA	NA
SC-F-7.5-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-F-5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-F-8-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-FG-7.5-6	NA	**180**	NA	NA	NA	NA
SC-FG-7.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-FG-7-16	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-FG-7.5-6	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-G-1.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
SC-G-7.5-15	<5.0	<100	<5.0	<5.0	<5.0	<15
NR 720 Standard	100	100	6	2,900	1,500	4,100

Notes:
Bold indicates value equals or exceeds the NR720 standard
Samples collected between 6/23/95 and 7/24/95
GRO: Gasoline range organics
DRO: Diesel range organics
Sample ID notation: Example SC-D-5-15 where SC=South-central excavation, D=row, 5=column, and 15=depth of sample

Table 5 (Continued)
Remedial Excavation Soil Sample Laboratory Analytical Results
Malleable Iron Range Site D
Beaver Dam, Wisconsin

SAMPLE ID	GRO (ppm)	DRO (ppm)	Benzene	Ethylbenzene	Toluene	Xylenes
CENTRAL EXCAVATION AREA						
C-AB-6.5-9	NA	2,900	NA	NA	NA	NA
C-AB-7-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-A-0-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-AB-0-15	<5.0	<100	<5.0	<5.0	<5.0	<15
C-AB-(0.5)-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-A-6.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-BC-7-12.5	<5.0	<100	<5.0	<5.0	<5.0	<15
C-B-5-12	NA	240	NA	NA	NA	NA
C-AB-6-12	NA	<100	NA	NA	NA	NA
C-BC-6.5-12	NA	<100	NA	NA	NA	NA
C-CD-6.5-10	NA	800	NA	NA	NA	NA
C-HI-6-12	NA	<100	NA	NA	NA	NA
C-FG-6-8	NA	1,900	NA	NA	NA	NA
C-I-6-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-H-6-6	NA	2,000	NA	NA	NA	NA
C-EF-7-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-DE-7-12	NA	330	NA	NA	NA	NA
C-FG-7-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-G-6.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-H-5-12	NA	<100	NA	NA	NA	NA
C-A-4.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-DE-6-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-EF-6-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-A-5.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-H-6.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-A-1.5-12	NA	<100	NA	NA	NA	NA
C-BC-4-12	NA	<100	NA	NA	NA	NA
C-AB-4-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-AB-1.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-BC-1.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-BC-3.5-12	26	<100	<5.0	<5.0	<5.0	<15
C-BC-2.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-AB-3.5-12	NA	2,000	NA	NA	NA	NA
C-A-3.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-CD-3.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-CD-4-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-AB-2.5-9	NA	1,300	NA	NA	NA	NA
C-A-2.5-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-AB-0.5-12	<5.0	<100	<5.5	<25	<25	<75
C-DE-0-12	NA	<100	NA	NA	NA	NA
C-EF-0-12	<5.0	<100	<5.5	<25	<25	<75
C-F-0.5-12	<5.0	<100	<5.5	<25	<25	<75
C-EF-0.5-12	NA	300	NA	NA	NA	NA
C-CD-1-12	NA	<100	NA	NA	NA	NA
C-A-0.5-12	NA	<100	NA	NA	NA	NA
C-DE-0.5-12	<5.0	<100	<5.5	<25	<25	<75
C-BC-0.5-12	NA	<100	NA	NA	NA	NA
C-CD-0.5-12	<5.0	<100	<5.5	<25	<25	<75
C-AB-0-12	NA	2,000	NA	NA	NA	NA
C-BC-0-12	<5.0	<100	<5.5	<25	<25	<75
C-AB-1-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-BC-1-12	<5.0	<100	<5.0	<5.0	<5.0	<15
C-CD-1-12	<5.0	<100	<5.0	<5.0	<5.0	<15
NR 720 Standard	100	100	6	2,900	1,500	4,100

Notes:

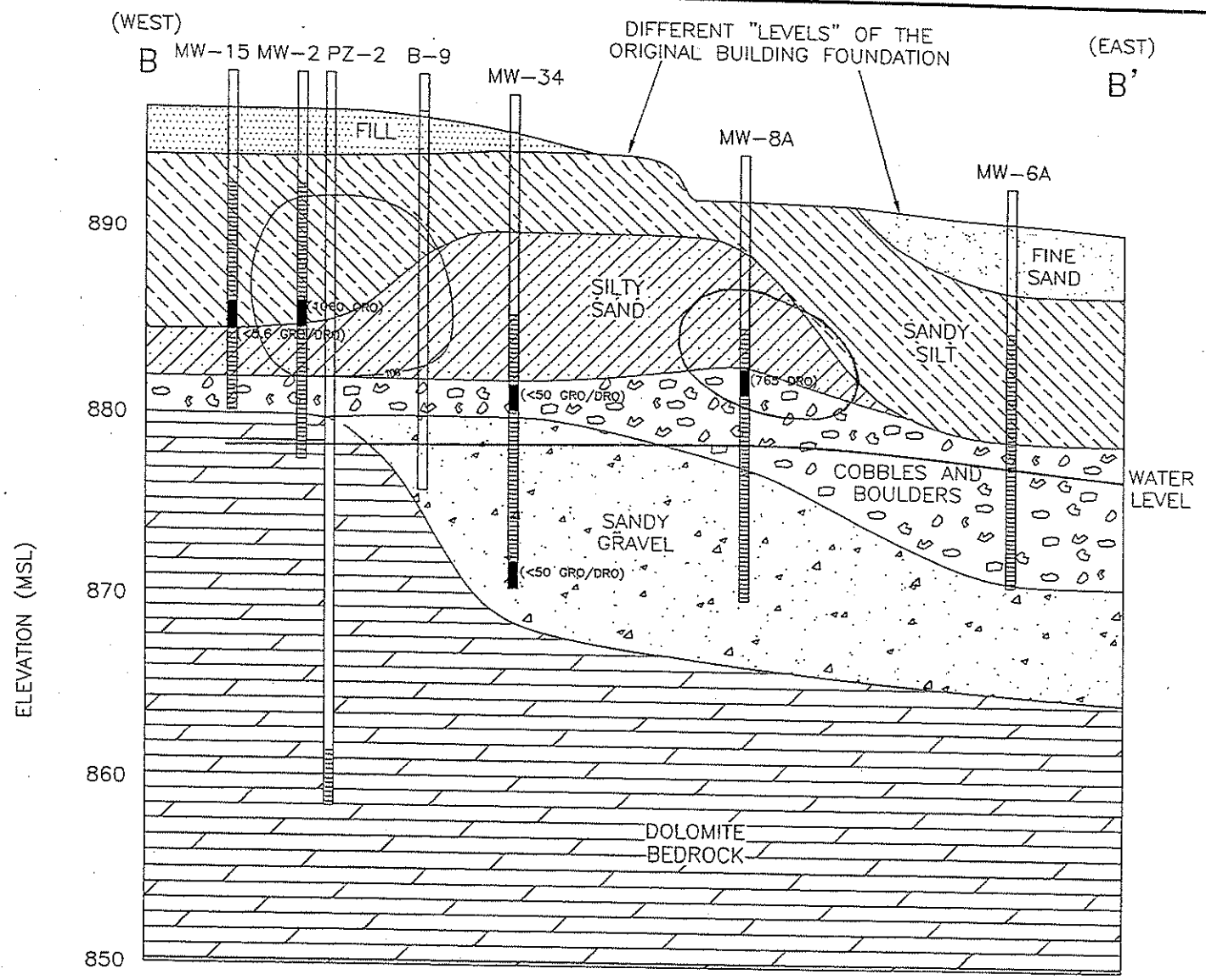
Bold indicates value equals or exceeds the NR720 standard

Samples collected between 6/23/95 and 7/24/95

GRO: Gasoline range organics

DRO: Diesel range organics

Sample ID notation: Example SC-D-5-15 where SC=South-central excavation, D=row, 5=column, and 15=depth of sample



NOTES:

NOT TO SCALE

CONCRETE AND PAVEMENT HAVE BEEN OMITTED FROM THE FIGURE

~100~ NR720 STANDARD ISOCONTOUR

(100) GRO/DRO CONCENTRATION IN PPM

SAMPLE INTERVAL

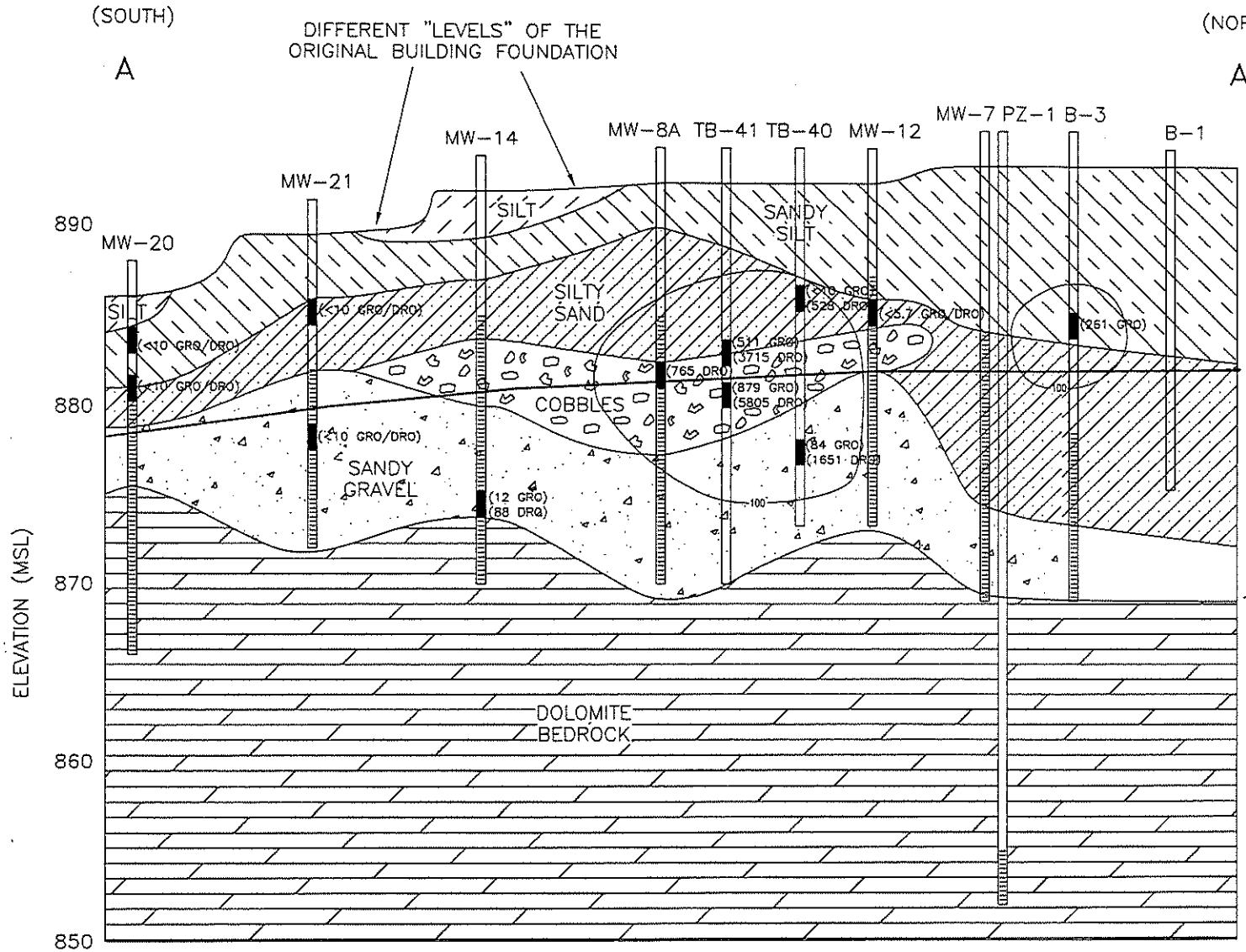
Shaw
Shaw Environmental & Infrastructure, Inc.
850 Highway 153, Suite F
Mosinee, WI 54455
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	03/28/07	2656R43a

PREREMEDIAL SOIL GRO/DRO DISTRIBUTION/GEOLOGIC CROSS-SECTION B-B'

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	JRD	92.656	9



NOTES:

NOT TO SCALE

CONCRETE AND PAVEMENT HAVE BEEN OMITTED FROM THE FIGURE

~100~ NR720 STANDARD ISOCONTOUR

(100) GRO/DRO CONCENTRATION IN PPM

SAMPLE INTERVAL

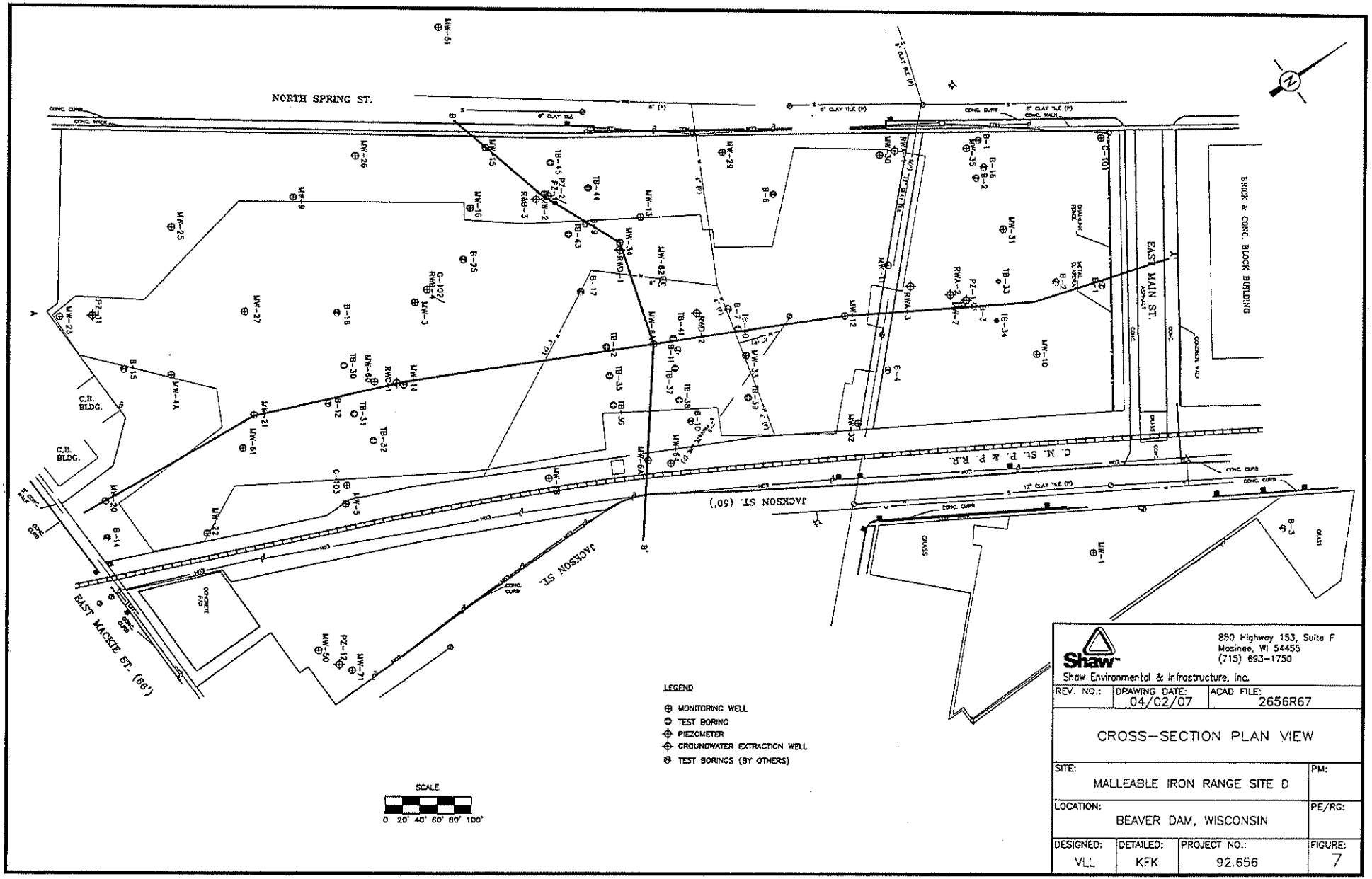
Shaw
Shaw Environmental & Infrastructure, Inc.
850 Highway 153, Suite F
Mosinee, WI 54455
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	03/28/07	2656R42a

PREREMEDIAL SOIL GRO/DRO DISTRIBUTION/GEOLOGIC CROSS-SECTION A-A'

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	JRD	92.656	8



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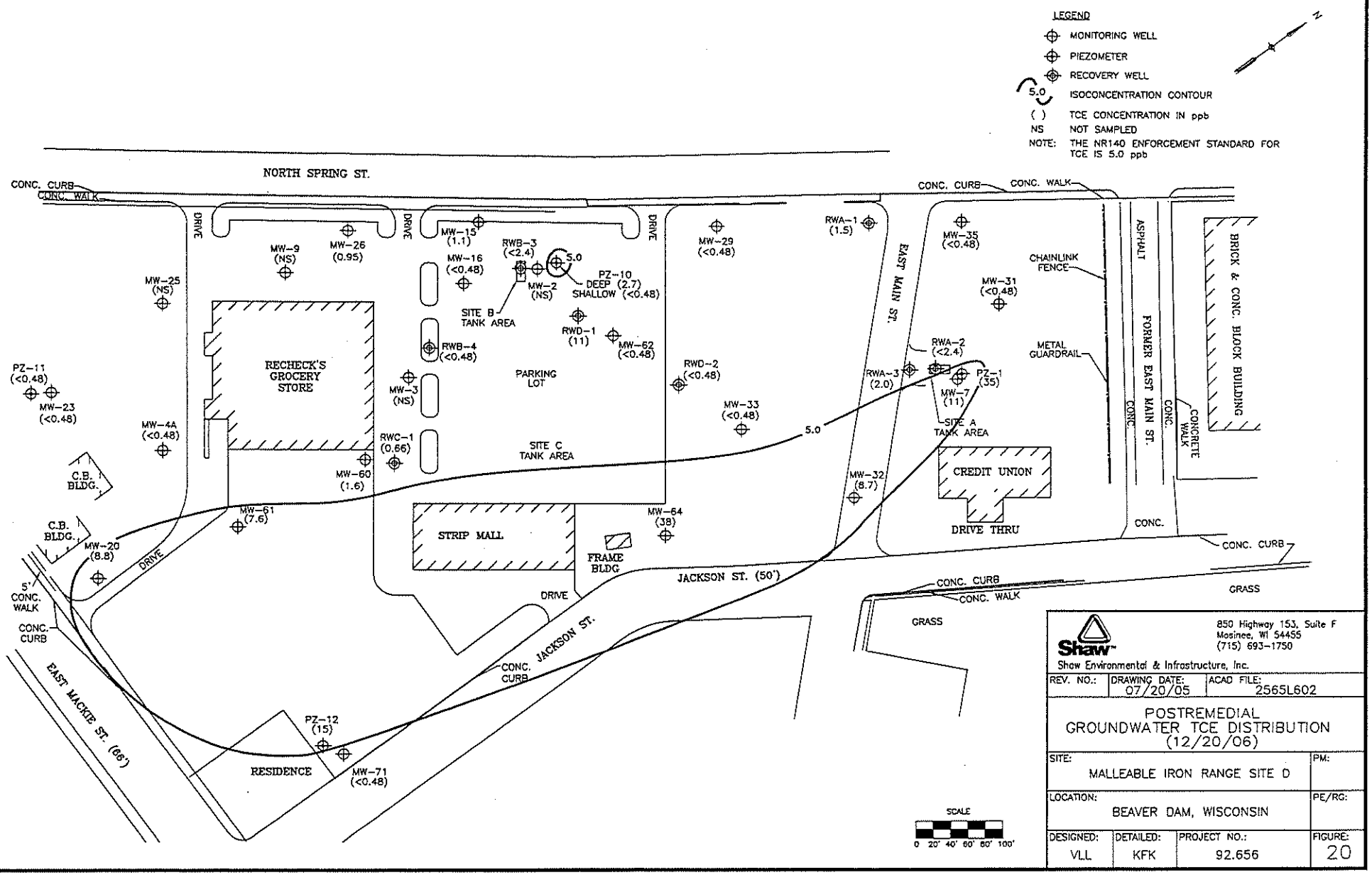
REV. NO.:	DRAWING DATE:	ACAD FILE:
	04/02/07	2656R67

CROSS-SECTION PLAN VIEW

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	7



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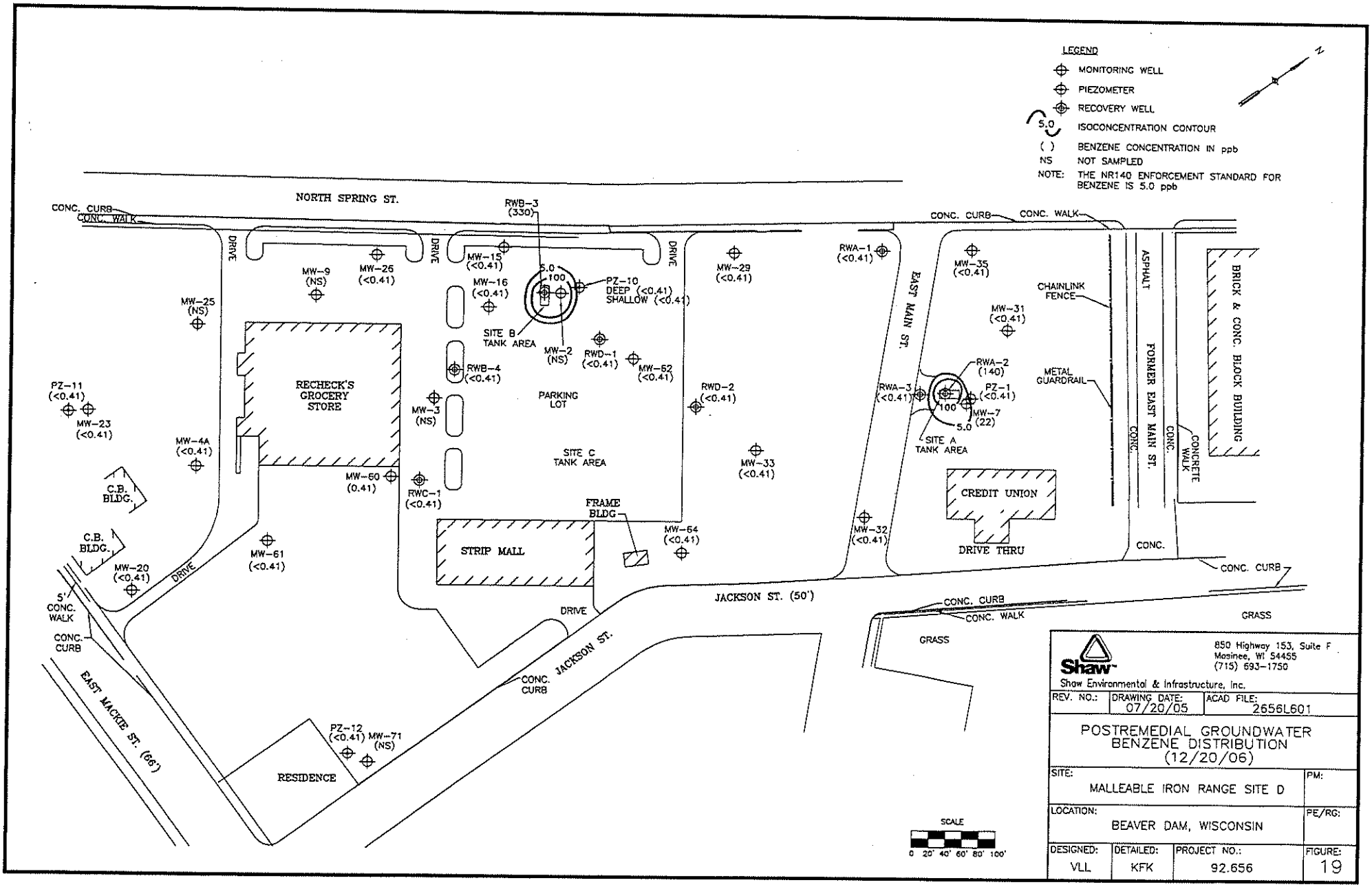
REV. NO.:	DRAWING DATE:	ACAD FILE:
	07/20/05	2565L602

POSTREMEDIAL GROUNDWATER TCE DISTRIBUTION (12/20/06)

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	20



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Masinee, WI 54455
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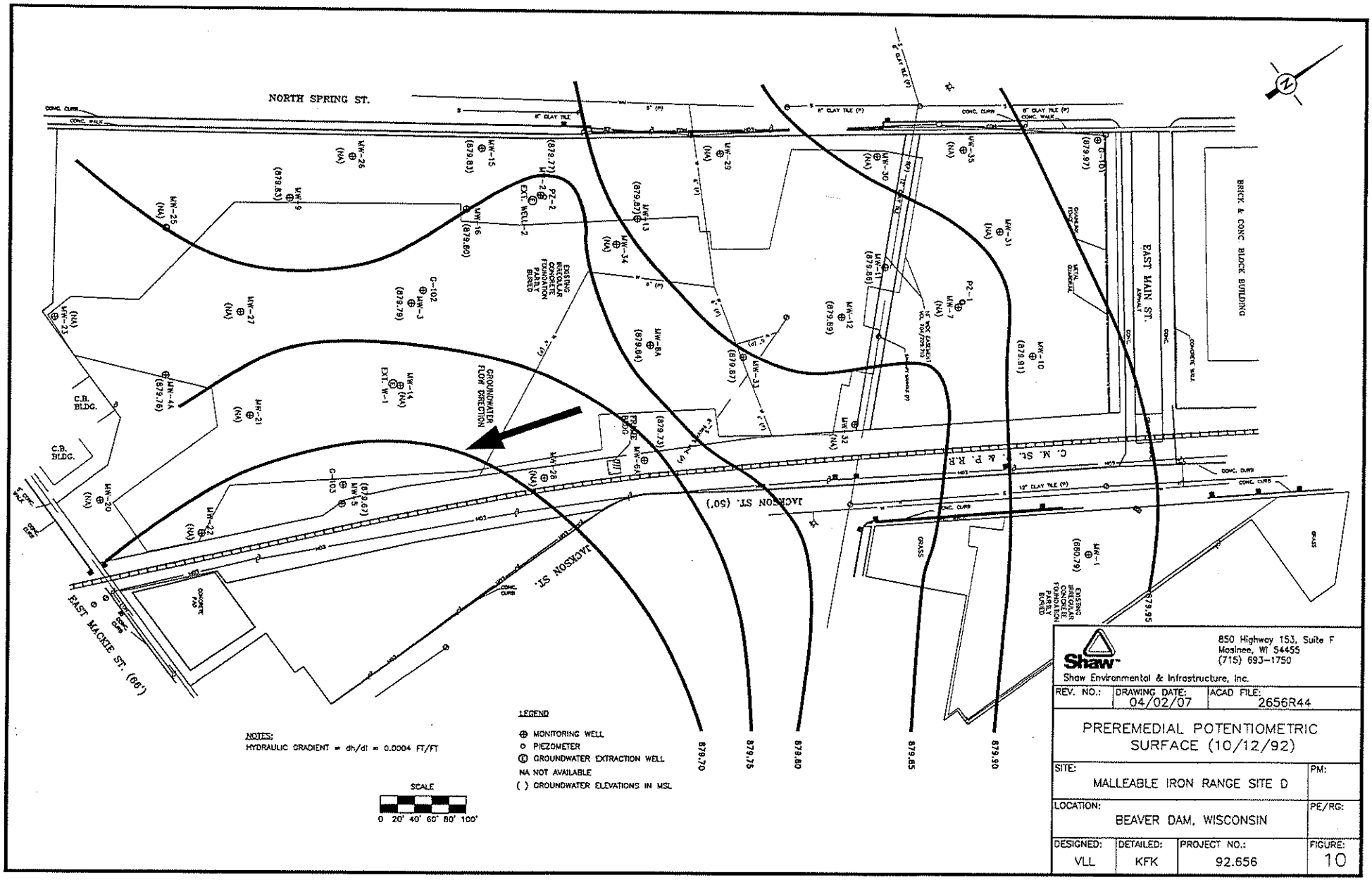
REV. NO.:	DRAWING DATE:	ACAD FILE:
	07/20/05	2656L601

POSTREMEDIAL GROUNDWATER BENZENE DISTRIBUTION (12/20/06)

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	19



NOTES:
HYDRAULIC GRADIENT = dh/dl = 0.0004 FT/FT

LEGEND
- ⊕ MONITORING WELL
- o PIEZOMETER
- Ⓔ GROUNDWATER EXTRACTION WELL
- NA NOT AVAILABLE
- ( ) GROUNDWATER ELEVATIONS IN MSL

SCALE
0 20' 40' 60' 80' 100'

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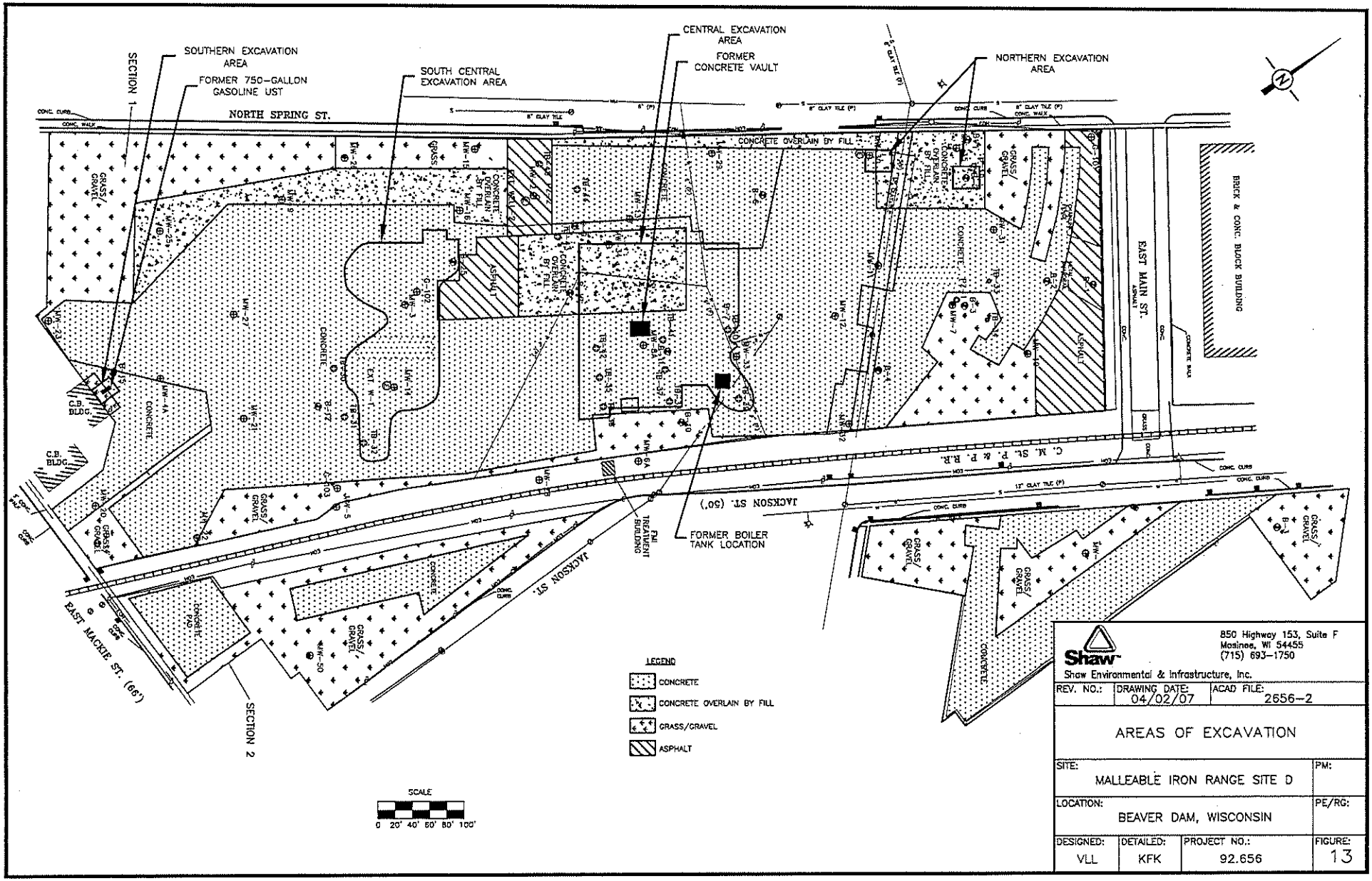
850 Highway 153, Suite F
Mosinee, WI 54455
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	04/02/07	2656R44

PREREMEDIAL POTENTIOMETRIC SURFACE (10/12/92)

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	10



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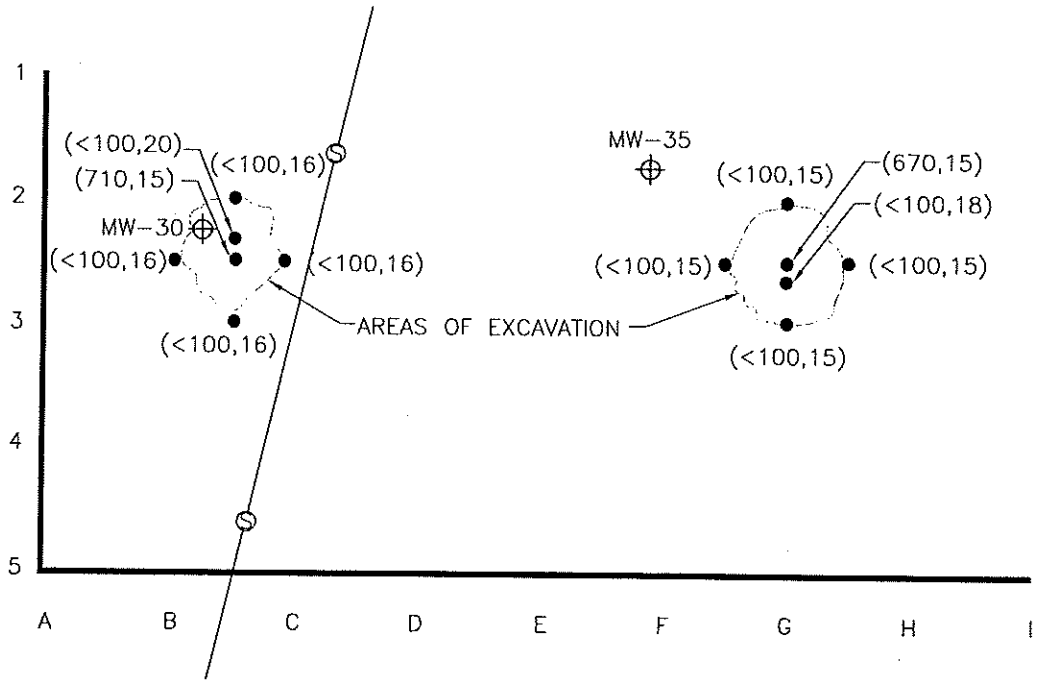
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	04/02/07	2656-2

AREAS OF EXCAVATION

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	13



LEGEND

- ● SAMPLE LOCATION
- ⊕ MONITORING WELL
- ⊘ SANITARY SEWER LINE

(710,15) SOIL DRO CONCENTRATION IN ppm AND SAMPLE DEPTH

SCALE

0 30'

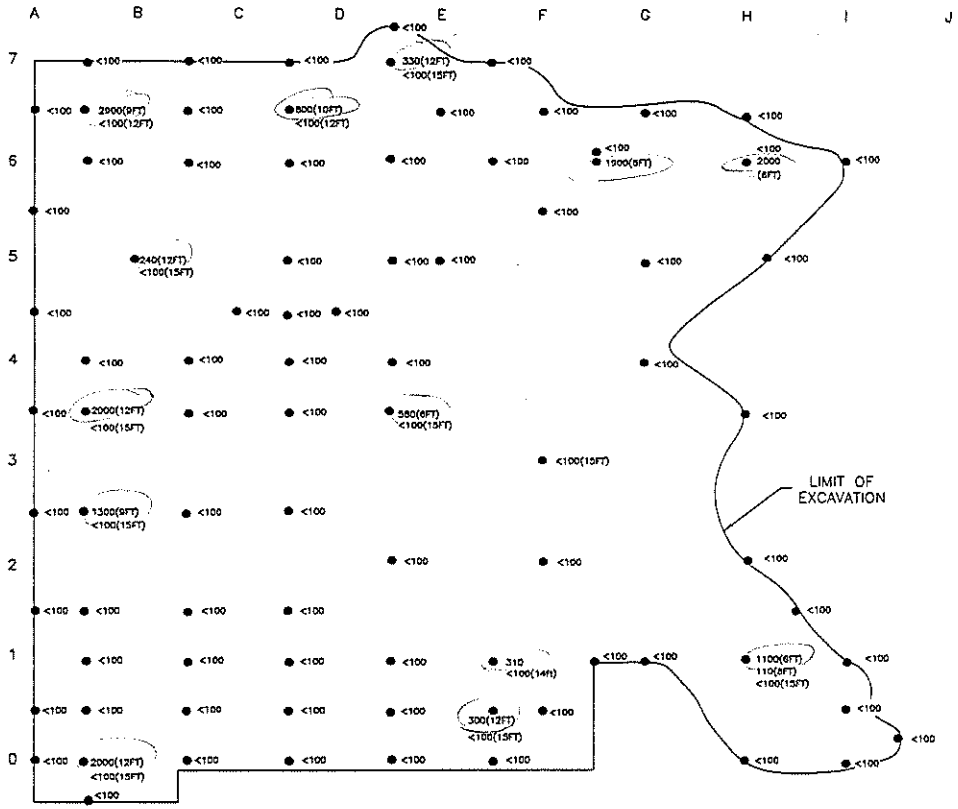
Shaw™
Shaw Environmental & Infrastructure, Inc.
850 Highway 153, Suite F
Mosinee, WI 54455
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	04/02/07	2656-3

NORTHERN EXCAVATION AREA

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	14



SCALE

0 30'

LEGEND

● SAMPLE LOCATION

300 (1S) SOIL DRO CONCENTRATION IN ppm AND SAMPLE DEPTH

SAMPLES WERE AQUIRED FROM A DEPTH OF 12FT UNLESS OTHERWISE STATED

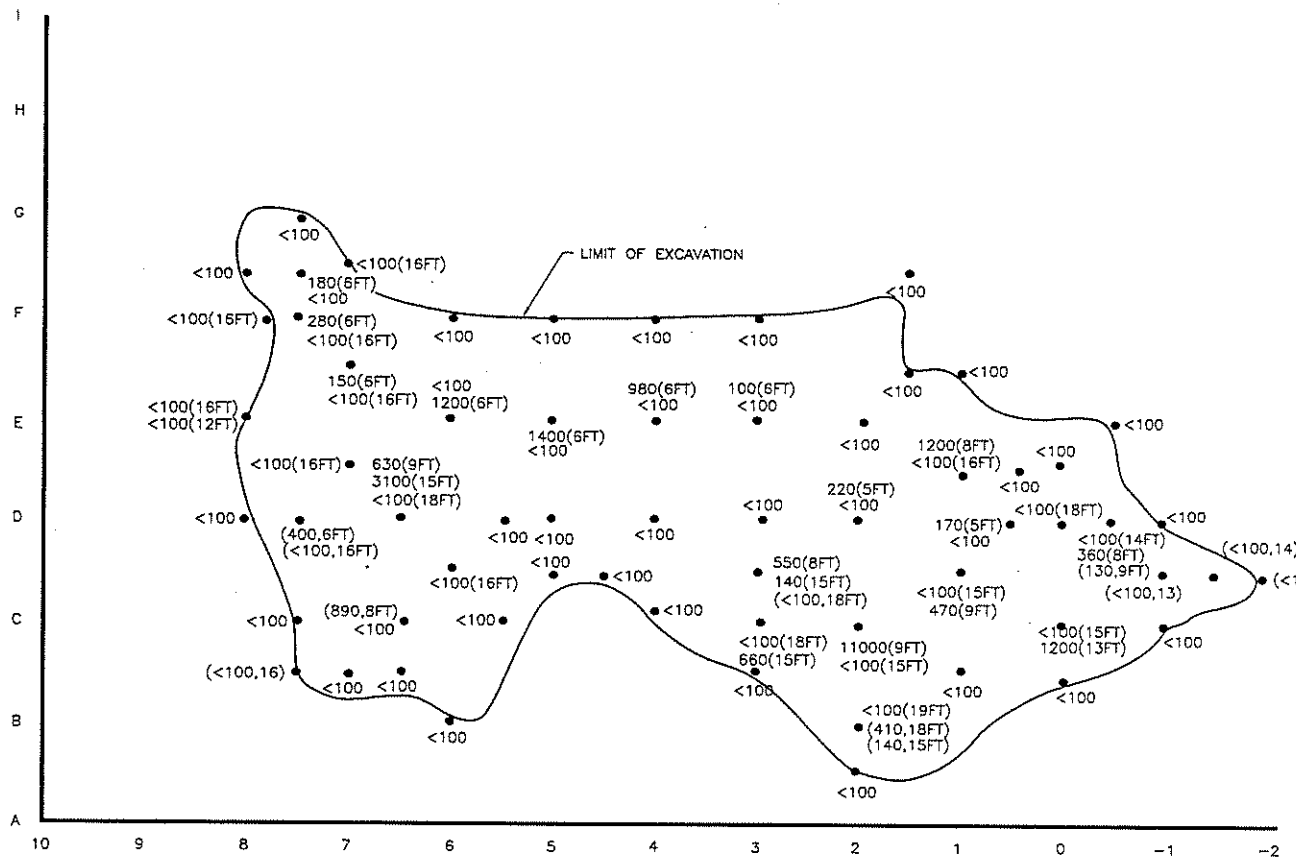
Shaw™
Shaw Environmental & Infrastructure, Inc.
850 Highway 153, Suite F
Mosinee, WI 54455
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	04/02/07	2656-4

CENTRAL EXCAVATION AREA

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	15



LEGEND

- SAMPLE LOCATION

1200 (8ft) SOIL DRO CONCENTRATION IN ppm AND SAMPLE DEPTH

ALL SAMPLE WERE TAKEN AT 15 FEET UNLESS OTHERWISE STATED

SCALE

0 30'

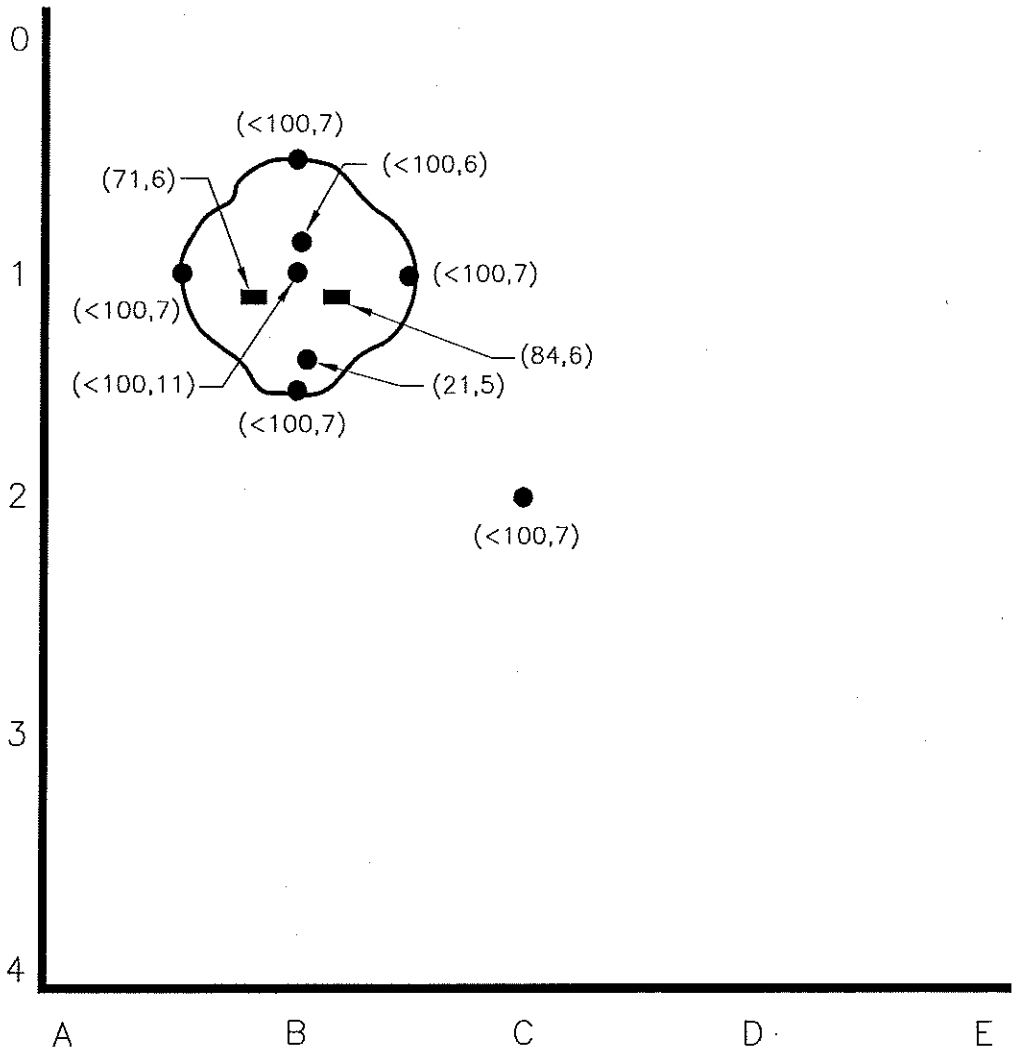
Shaw
Shaw Environmental & Infrastructure, Inc.
850 Highway 153, Suite F
Mosinee, WI 54455
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	04/02/07	2656-S

SOUTH CENTRAL EXCAVATION AREA

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	16



LEGEND

■ SAMPLES TAKEN DURING TANK REMOVAL

● SAMPLE LOCATION

(71,15) SOIL GRO CONCENTRATION IN ppm AND SAMPLE DEPTH

SCALE

0 10' 20'

Shaw
Shaw Environmental & Infrastructure, Inc.
850 Highway 153, Suite F
Mosinee, WI 54455
(715) 693-1750

REV. NO.:	DRAWING DATE:	ACAD FILE:
	04/02/07	2656-6

SOUTHERN EXCAVATION AREA

SITE:	PM:
MALLEABLE IRON RANGE SITE D	
LOCATION:	PE/RG:
BEAVER DAM, WISCONSIN	

DESIGNED:	DETAILED:	PROJECT NO.:	FIGURE:
VLL	KFK	92.656	17

March 9, 2007

Ms. Denise Nettesheim
Wisconsin Department of Natural Resources
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711

Re: GIS Registry RP Legal Description Signed Statement for the
Malleable Iron Range Site D, Beaver Dam, WI
WDNR No. 03-14-0001263
Shaw Environmental Project No. 124584

Dear Ms. Nettesheim:

Please be advised that the legal description for the Malleable Iron Range Site D located in Beaver Dam, Wisconsin, has been attached and is located within the contaminated site boundaries.

Sincerely,

Mr. John Corey

Shaw Environmental, Inc.

831 Critter Court, Suite 400
Onalaska, WI 54650-8674
Phone: 608.781.5470

Shaw® Shaw Environmental, Inc.

July 16, 2007

Mr. and Mrs. Daniel and Kathleen Wackett
143 East Mackie Street
Beaver Dam, Wisconsin 53916

RE: Notice of Residual Groundwater Contamination at the Malleable Iron Range Property, Beaver Dam, Wisconsin

Dear Mr. and Mrs. Wackett:

Groundwater petroleum contamination, in excess of Wisconsin Administrative Code (WAC) NR 140 groundwater enforcement standards (ESs) from the above-referenced property, is present in monitoring wells located on its property boundary and there is the potential that groundwater contamination has migrated onto the rights-of-way of East Mackie Street and Jackson Street, south and east of the site, respectively. Additionally, there is the potential that contamination has migrated onto properties, owned by you, located at 143 East Mackie Street and 138 East Mackie Street. Contamination in the form of trichloroethene exists at concentrations exceeding NR 140 ESs. However, the contaminant plume is receding and trends are decreasing. Conditional case closure from the Wisconsin Department of Natural Resources (WDNR) has been requested. If closure is granted with no additional investigation or cleanup activities required, WDNR reserves the right to reopen the investigation if, in the future, site conditions indicate that any contamination that remains may pose a threat to human health or the environment.

Since the source of groundwater contamination potentially on your property was not caused by your actions, neither you nor any subsequent owner of your property will be held responsible for additional investigation or cleanup of the contamination, if deemed necessary by WDNR, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call 1-800-367-6076, to obtain a copy of the Wisconsin Department of Natural Resources' (WDNR) publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.

If conditional case closure is granted with groundwater contamination present in excess of an NR 140 ES, the site will be listed on the WDNR's Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 ESs was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' Internet web site.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call Diggers Hotline (1-800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

If the site is granted closure, the WDNR will not add this property to the GIS Registry of Closed Remediation Sites for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that you may have that indicates that this site should not be added to the GIS Registry of Closed Remediation Sites. If you would like to submit any relevant

information to the WDNR, you should mail that information to: Ms. Denise Nettesheim, 3911 Fish Hatchery Road, Fitchburg, Wisconsin 53711.

Once the site is closed, you may obtain a copy of the conditional case closure letter by requesting a copy from me, by writing to the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information or have any questions regarding this notification, you may contact me at (715) 849-8986.

Sincerely,
Shaw Environmental, Inc.

Victoria L. Loveland

Victoria L. Loveland
Engineer 3

cc: Ms. Denise Nettesheim, WDNR, 3911 Fish Hatchery Road, Fitchburg, WI 53711
Mr. John Corey, Dodge County Corporate Counsel, 127 East Oak Grove Street, Juneau, WI 53039
File copy

VOL 705 PAGE 673 738399

DOCUMENT NO STATE BAR OF WISCONSIN FORM 3 — 1982 THIS SPACE RESERVED FOR RECORDING DATA
QUIT CLAIM DEED

FEE $ 13 EXEMPT

Office of Register of Deeds
Dodge County, WI
RECEIVED FOR RECORD
NOV 28 1990
at 9:20 o'clock A M.
Doris Westra
DORIS WESTRA • Register

COUNTY OF DODGE,

quit-claims to DANIEL J. WACKETT and KATHLEEN E. WACKETT, husband and wife, as survivorship marital property,

the following described real estate in Dodge County, State of Wisconsin:

Return to
Atty Steve Hannan
PO Box 698
Beaver Dam, WI 53916-0698

The North 24.00 feet of the South 130.00 feet of Lot 11, EXCEPT the East 54.00 feet thereof, also the East 4.00 feet of the North 24.00 feet of the South 130.00 feet of Lot 12, all in Block 1 of Mackie's Addition to Beaver Dam, City of Beaver Dam, Dodge County, Wisconsin.

Tax Parcel No:

1/141

This is not (is) (is not) homestead property.

Dated this 8 day of November, 1990

June Harkins (SEAL)

Linda J. Niles (SEAL)

COUNTY OF DODGE

By Chas E. Swain (SEAL)
Charles E. Swain, County Board Chairman

Dorothy E. Ebert (SEAL)
Dorothy E. Ebert, County Clerk

AUTHENTICATION

Signature(s)

authenticated this day of 19

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Stephen J. Hannan
Attorney at Law

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
DODGE County.

Personally came before me this 8 day of November, 1990 the above named County of Dodge, by Charles E. Swain, its County Board Chairman, and Dorothy E. Ebert, County Clerk,

to me known to be the person S who executed the foregoing instrument and acknowledge the same.

June L. Harkins

June L. Harkins
Notary Public, State of
My Commission is permanent. (If not, state expiration date: September 19 1993.)

STATE BAR OF WISCONSIN FORM No. 3 — 1982 Wisconsin Legal Blank Co. Inc. Milwaukee, Wis.

DOCUMENT NO. FEE $ 13 EXEMPT

VOL 704 PAGE 674

STATE BAR OF WISCONSIN FORM 3 — 1982
QUIT CLAIM DEED

705 PAGE 388

738400

THIS SPACE RESERVED FOR RECORDING DATA

Office of Register of Deeds
Dodge County, WI
RECEIVED FOR RECORD
NOV 28 1990
at 9:20 o'clock A M.
Doris Westra
DORIS WESTRA • Registrar

COUNTY OF DODGE,

quit-claims to DANIEL J. WACKETT

the following described real estate in Dodge County, State of Wisconsin:

The North 12.00 feet of the South 130.00 feet of the East 54.00 feet of Lot 11, Block 1 of Mackie's Addition to Beaver Dam, City Beaver Dam, Dodge County, Wisconsin.

RETURN TO
Atty. Steve Hannan
P.O. Box 699
Beaver Dam, WI 53916-0699

Tax Parcel No: 738780

Office of Register of Deeds
Dodge County, WI
RECEIVED FOR RECORD
DEC 12 1990
at 9:21 o'clock A. M.
Doris Westra
DORIS WESTRA • Registrar

This Deed is being re-recorded to correct the names of the Grantee herein.

This is not (is) (is not) homestead property.

Dated this 8 day of November, 1990.

June Harkins (SEAL)
June Harkins

Linda J. Niles (SEAL)
Linda J. Niles

COUNTY OF DODGE

Chas. E. Swain (SEAL)
Charles E. Swain, County Board Chairman

Dorothy E. Ebert (SEAL)
Dorothy E. Ebert, County Clerk

AUTHENTICATION

Signature(s) .....

authenticated this .....day of ....., 19....

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Stephen J. Hannan
Attorney at Law

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
DODGE County. }

Personally came before me this 8 day of November, 1990 the above named County of Dodge, by Charles E. Swain, its County Board Chairman, and Dorothy E. Ebert, its County Clerk,

to me known to be the person s who executed the foregoing instrument and acknowledge the same.

June L. Harkins
June L. Harkins
Notary Public, State of Wis.
My Commission is permanent. (If not, state expiration date: September 19, 1993.)

FEE EXEMPT
#8

VOL 717 PAGE 929

745971

10-

STATE BAR OF WISCONSIN FORM 3 — 1982
QUIT CLAIM DEED

THIS SPACE RESERVED FOR RECORDING DATA

DANIEL J. WACKETT and KATHEEN E. WACKETT, husband and wife, and each individually,

quit-claims to DANIEL J. WACKETT and KATHLEEN E. WACKETT, husband and wife, as survivorship marital property,

Office of Register of Deeds
Dodge County, WI
RECEIVED FOR RECORD
JUL 22 1991
at 9:24 o'clock A M.
Doris Westra
DORIS WESTRA • Registrar

the following described real estate in Dodge County, State of Wisconsin:

Return to Steve Hannan, Atty. P.O. Box 698 Beaver Dam, Wi.

Tax Parcel No: .....

Parcel 1:
Beginning at the South East corner of Lot Eleven (11), Block One (1) of Mackie's Addition to Beaver Dam; thence running North on the East line of said lot, a distance of 118 feet; thence West, parallel with South boundary line of said lot, a distance of 54 feet; thence South, parallel with the East boundary line of said lot, a distance of 118 feet to the South boundary line of said lot; thence East, on the South boundary line of said lot, a distance of 54 feet to the place of beginning.

Parcel 2:
The North 12.00 feet of the South 130.00 feet of the East 54.00 feet of Lot 11, Block 1 of Mackie's Addition to Beaver Dam, City of Beaver Dam, Dodge County, Wisconsin.

This Deed is given for the purpose of creating a survivorship marital interest between the grantees herein.

This is (is) (is not) homestead property.

Dated this 16th day of July, 1991

..... (SEAL)

..... (SEAL)

Daniel J. Wackett (SEAL)
Daniel J. Wackett

Kathleen E. Wackett (SEAL)
Kathleen E. Wackett

AUTHENTICATION

Signature(s) of Daniel J. Wackett and Kathleen E. Wackett, husband and wife, and each individually,
authenticated this 16th day of July, 1991

Stephen J. Hannan
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Stephen J. Hannan
Attorney at Law

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
.....County.

Personally came before me this .....day of ....., 19..... the above named .....

to me known to be the person ..... who executed the foregoing instrument and acknowledge the same.

.....
Notary Public .....County, Wis.
My Commission is permanent. (If not, state expiration date: ....., 19.....)

Shaw Environmental, Inc.

831 Critter Court, Suite 400
Onalaska, WI 54650-8674
Phone: 608.781.5470

Shaw® Shaw Environmental, Inc.

March 21, 2007

Dodge Central Credit Union
106 East Main Street
Beaver Dam, Wisconsin 53916

RE: Notice of Residual Groundwater Contamination at the Malleable Iron Range Property, 715 North Spring Street, Beaver Dam, Wisconsin

Dear Sir or Madam:

Groundwater petroleum contamination, in excess of Wisconsin Administrative Code (WAC) NR 140 groundwater enforcement standards (ESs) from the above-referenced property, is present in monitoring wells located on its property boundary and there is the potential that groundwater contamination has migrated onto your property or the rights-of-way of East Mackie Street and Jackson Street, south and east of the site, respectively. Contamination in the form of trichloroethene exists at concentrations exceeding NR 140 ESs in several wells (please see the attached figure). However, the contaminant plume is receding and trends are decreasing. Conditional case closure from the Wisconsin Department of Natural Resources (WDNR) will soon be requested. If closure is granted with no additional investigation or cleanup activities required, WDNR reserves the right to reopen the investigation if, in the future, site conditions indicate that any contamination that remains may pose a threat to human health or the environment.

Since the source of groundwater contamination potentially on your property was not caused by your actions, neither you nor any subsequent owner of your property will be held responsible for additional investigation or cleanup of the contamination, if deemed necessary by WDNR, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call 1-800-367-6076, to obtain a copy of the Wisconsin Department of Natural Resources' (WDNR) publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.

If conditional case closure is granted with groundwater contamination present in excess of an NR 140 ES, the site will be listed on the WDNR's Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 ESs was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' Internet web site.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call Diggers Hotline (1-800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

If the site is granted closure, the WDNR will not add this property to the GIS Registry of Closed Remediation Sites for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that you may have that indicates that this site should not be added to the GIS Registry of Closed Remediation Sites. If you would like to submit any relevant

information to the WDNR, you should mail that information to: Ms. Denise Nettesheim, 3911 Fish Hatchery Road, Fitchburg, Wisconsin 53711.

Once the site is closed, you may obtain a copy of the conditional case closure letter by requesting a copy from me, by writing to the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at Shaw Environmental, Inc., 3708 Hilltop Avenue, Wausau, Wisconsin 54401, at (715) 849-8986.

Sincerely,
Shaw Environmental, Inc.

Victoria L. Loveland

Victoria L. Loveland
Engineer 3

cc: Ms. Denise Nettesheim, WDNR, 3911 Fish Hatchery Road, Fitchburg, WI 53711
Mr. John Corey, Dodge County Corporate Counsel, 127 East Oak Grove Street, Juneau, WI 53039

Shaw Environmental, Inc.

831 Critter Court, Suite 400
Onalaska, WI 54650-8674
Phone: 608.781.5470

Shaw® Shaw Environmental, Inc.

March 21, 2007

Mr. Mike Laue
Consulting City Engineer
City of Beaver Dam Engineering Department
205 South Lincoln Avenue
Beaver Dam, Wisconsin 53916

RE: Notice of Residual Groundwater Contamination at the Malleable Iron Range Property, 715 North Spring Street, Beaver Dam, Wisconsin

Dear Mr. Laue:

Groundwater petroleum contamination, in excess of Wisconsin Administrative Code (WAC) NR 140 groundwater enforcement standards (ESs) from the above-referenced property, is present in monitoring wells located on its property boundary and there is the potential that groundwater contamination has migrated onto the rights-of-way of East Mackie Street and Jackson Street, south and east of the site, respectively. Contamination in the form of trichloroethene exists at concentrations exceeding NR 140 ESs. However, the contaminant plume is receding and trends are decreasing. Conditional case closure from the Wisconsin Department of Natural Resources (WDNR) will soon be requested. If closure is granted with no additional investigation or cleanup activities required, WDNR reserves the right to reopen the investigation if, in the future, site conditions indicate that any contamination that remains may pose a threat to human health or the environment.

Since the source of groundwater contamination potentially on your property was not caused by your actions, neither you nor any subsequent owner of your property will be held responsible for additional investigation or cleanup of the contamination, if deemed necessary by WDNR, as long as you and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call 1-800-367-6076, to obtain a copy of the Wisconsin Department of Natural Resources' (WDNR) publication #RR-589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off-Site Contamination.

If conditional case closure is granted with groundwater contamination present in excess of an NR 140 ES, the site will be listed on the WDNR's Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 ESs was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' Internet web site.

Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call Diggers Hotline (1-800-242-8511) if your property is located outside of the service area of a municipally owned water system, or contact the Drinking Water program within the Department of Natural Resources if your property is located within the designated service area of a municipally owned water system, to determine if there is a need for special well construction standards.

If the site is granted closure, the WDNR will not add this property to the GIS Registry of Closed Remediation Sites for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that you may have that indicates that this site should

not be added to the GIS Registry of Closed Remediation Sites. If you would like to submit any relevant information to the WDNR, you should mail that information to: Ms. Denise Nettesheim, 3911 Fish Hatchery Road, Fitchburg, Wisconsin 53711.

Once the site is closed, you may obtain a copy of the conditional case closure letter by requesting a copy from me, by writing to the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the Internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at Shaw Environmental, Inc., 3708 Hilltop Avenue, Wausau, Wisconsin 54401, at (715) 849-8986.

Sincerely,
Shaw Environmental, Inc.

Victoria L. Loveland

Victoria L. Loveland
Engineer 3

cc: Ms. Denise Nettesheim, WDNR, 3911 Fish Hatchery Road, Fitchburg, WI 53711
Mr. John Corey, Dodge County Corporate Counsel, 127 East Oak Grove Street, Juneau, WI 53039

Shaw Environmental, Inc.

831 Critter Court, Suite 400
Onalaska, WI 54650-8674
Phone: 608.781.5470

Shaw® Shaw Environmental, Inc.

February 22, 2008

Dodge Central Credit Union
106 E. Main Street
Beaver Dam, Wisconsin 53916

RE: Notice of Lost Monitoring Well at the Malleable Iron Range Property, 715 North Spring Street, Beaver Dam, Wisconsin

Dear Sir or Madam:

On behalf of Dodge County, Shaw Environmental, Inc. (Shaw) has requested closure from the Wisconsin Department of Natural Resources (WDNR) for an environmental site investigation and remediation at the Former Malleable Iron Range Property located in Beaver Dam, Wisconsin. Conditional closure of the site was granted by the WDNR. One of the conditions of closure was to provide documentation to the WDNR that all wells located at the site were properly abandoned. However, due to the age of some of the site monitoring wells and the fact that much of the site has undergone redevelopment, several monitoring wells were not able to be located and subsequently abandoned by Shaw. Therefore, Shaw is notifying you monitoring well G101 may still exist on the parcel owned by you (northern corner of Lot 9 on the attached map). You may be held liable for any problems associated with the lost well if a conduit for contaminants to enter groundwater is created. If, at any time the well is located, the WDNR must be notified, the well must be properly abandoned, and abandonment documentation must be forwarded to the WDNR. A partially completed abandonment form specific to the well located on your property has been attached for submittal to the WDNR in the event the well is located and abandoned. Only the yellow high-lighted portions need to be completed.

If you need more information or have any questions regarding the wells, you may contact me at 715-849-8986 or Denise Nettesheim, WDNR, at 608-275-3209 within thirty days from the date of this letter.

Sincerely,
Shaw Environmental, Inc.

Victoria L. Loveland

Victoria L. Loveland
Engineer 3

cc: Ms. Denise Nettesheim, WDNR, 3911 Fish Hatchery Road, Fitchburg, WI 53711
Mr. John Corey, Dodge County Corporate Counsel, 127 East Oak Grove Street, Juneau, WI 53039

NOTES:

1. Monitoring wells G101, G103, MW-27, and MW28 were not able to be located during well abandonment activities. If these wells are located at a later date, they need to be properly abandoned. All other wells have been abandoned.

2. Lot 9 is currently (2/19/08) owned by Dodge Central Credit Union, 106 East Main Street, Beaver Dam, WI 53916.

3. Lots 2 and 6 are currently owned by Castle Monarch, 609 North Spring Street, Beaver Dam, WI 53916.

NOTES:

1. Monitoring wells G101, G103, MW-27, and MW28 were not able to be located during well abandonment activities. If these wells are located at a later date, they need to be properly abandoned. All other wells have been abandoned.

2. Lot 9 is currently (2/19/08) owned by Dodge Central Credit Union, 106 East Main Street, Beaver Dam, WI 53916.

3. Lots 2 and 6 are currently owned by Castle Monarch, 609 North Spring Street, Beaver Dam, WI 53916.

WELL DETAIL INFORMATION SHEET

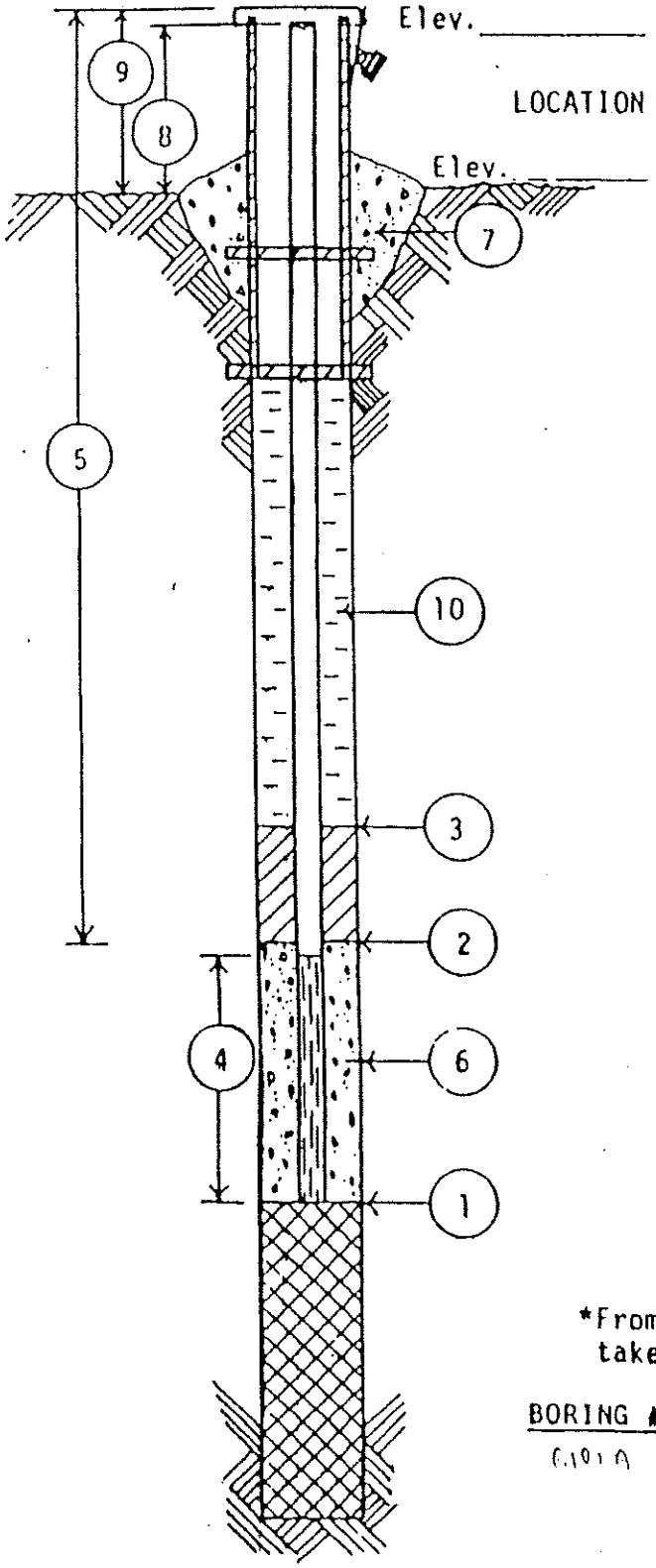
JOB NO. 1858

BORING NO. G101

DATE 8-15-89

CHIEF C.B.

LOCATION Monarch Plating - Beaver Dam, WI



All depth measurements of well detail assumed to be from ground surface unless otherwise indicated.

(1) DEPTH TO BOTTOM OF WELL POINT OR SLOTTED PIPE ~~18.8~~ 19'8" FEET.

(2) DEPTH OF BOTTOM OF SEAL (if installed) ~~9.8~~ 9'8" FEET.

(3) DEPTH TO TOP OF SEAL (if installed) ~~7.8~~ 7'8" FEET.

(4) LENGTH OF WELL POINT, (PVC WELL SCREEN) OR SLOTTED PIPE 5.0 FEET. (Circle One)

(5) TOTAL LENGTH OF PIPE 14.8 FEET @ 2 IN. DIAMETER.

(6) TYPE OF FILTER MATERIAL AROUND WELL POINT OR SLOTTED PIPE #30 Flint Sand.

(7) CONCRETE CAP, (YES) NO (Circle One

(8) HEIGHT OF WELL CASING ABOVE GROUND 1.0 FEET.

(9) PROTECTIVE CASING? (YES) NO (Circle One
HEIGHT ABOVE GROUND 1.2.
LOCKING CAP? (YES) NO (Circle One)

(10) TYPE OF BACKFILL: ~~Hole~~ Plug
Quick Gel and Drill Cuttings

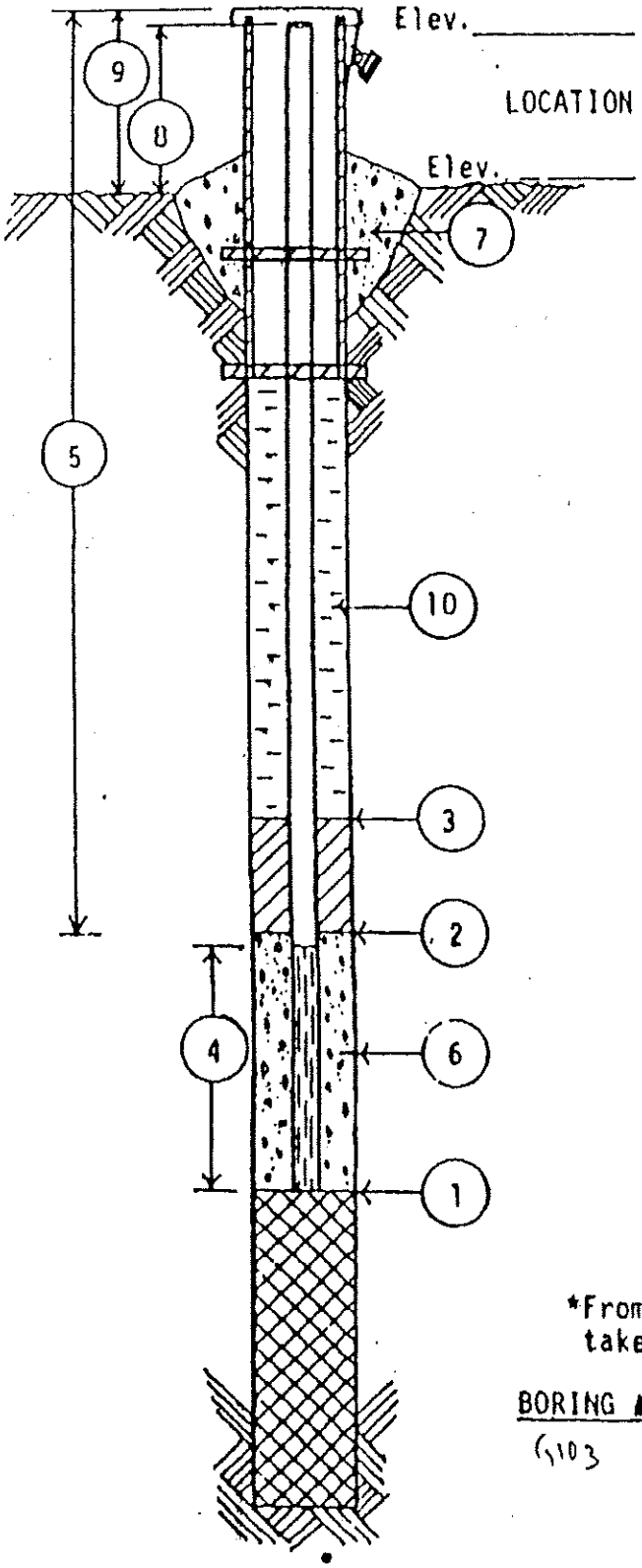
WATER LEVEL CHECKS

*From top of casing, if protective casing higher, take measurement from top of protective casing.

BORING #	DATE	TIME	DEPTH TO WATER	REMARKS
G101A	8-15-89	-		

WISCONSIN TEST DRILLIN

WELL DETAIL INFORMATION SHEET



JOB NO. 1858

BORING NO. G103

DATE 8-15-89

CHIEF C.B.

LOCATION Monarch Plating - Beaver Dam, WI

All depth measurements of well detail assumed to be from ground surface unless otherwise indicated.

(1) DEPTH TO BOTTOM OF WELL POINT OR SLOTTED PIPE 17.8 FEET.

(2) DEPTH OF BOTTOM OF SEAL (if installed) 10.0 FEET.

(3) DEPTH TO TOP OF SEAL (if installed) 8.5 8'6" FEET.

(4) LENGTH OF WELL POINT, (PVC WELL SCREEN), OR SLOTTED PIPE 5.0 FEET. (Circle One

(5) TOTAL LENGTH OF PIPE 13.8 FEET @ 2 IN. DIAMETER.

(6) TYPE OF FILTER MATERIAL AROUND WELL POINT OR SLOTTED PIPE #30 Flint Sand .

(7) CONCRETE CAP, (YES) NO (Circle One

(8) HEIGHT OF WELL CASING ABOVE GROUND 1.0 FEET.

(9) PROTECTIVE CASING? (YES) NO (Circle On
HEIGHT ABOVE GROUND 1.3 .
LOCKING CAP? (YES) NO (Circle One)

(10) TYPE OF BACKFILL: Hole Plug

WATER LEVEL CHECKS

*From top of casing, if protective casing higher, take measurement from top of protective casing.

BORING #	DATE	TIME	DEPTH TO WATER	REMARKS
G103	8-15-89	—	13'4"	

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ■ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: M. I. R.

Local Grid Location of well: 5000 ft. ■ N ☐ S — 5002 ft. ☐ E. ☐ W. (RELATIVE STATION)

Well Name: MW- 27

Facility License, Permit or Monitoring Number: _____

Grid Origin Location: Lat. 43 27 52 Long. 88 50 00 or

Wis. Unique Well Number: _____ DNR Well Number: _____

Type of Well: Water Table Observation Well ■ 11; Piezometer ☐ 12

St. Plane 4807.93 ft. N. 4729.56 ft. E.

Date Well Installed: 11/17/92 (m m d d y y)

Distance Well is From Waste/Source Boundary: UNKNOWN ft.

Section Location of Waste/Source: SE 1/4 of SW 1/4 of Sec. 33, T. 12 N, R 14 ☒ E. ☐ W.

Well Installed By: (Person's Name and Firm)
Chip Johnson
Fluid Management, Inc.

Is Well A Point of Enforcement Std. Application?
UNKNOWN ☐ Yes ☐ No

Location of Well Relative to Waste/Source:
u ☐ Upgradient s ☐ Sidegradient
d ☐ Downgradient n ■ Not Known

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 896.40 ft. MSL
C. Land surface elevation 893.66 ft. MSL
D. Surface seal, bottom _____ ft. MSL or .5 ft.

12. USCS classification of soil near screen:
GP ■ GM ☐ GC ☐ GW ☐ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ■ No

14. Drilling method used: Rotary ☐ 50; Hollow Stem Auger ■ 41; Other ☐ __

15. Drilling fluid used: Water ☐ 02; Air ☐ 01; Drilling Mud ☐ 03; None ■ 99

16. Drilling additives used? ☐ Yes ■ No
Describe NA

17. Source of water (attach analysis):
NA

E. Bentonite seal, top _____ ft. MSL or 4.0 ft.
F. Fine sand, top _____ ft. MSL or 6.0 ft.
G. Filter pack, top _____ ft. MSL or 8.0 ft.
H. Screen joint, top _____ ft. MSL or 10.0 ft.
I. Well bottom _____ ft. MSL or 20.6 ft.
J. Filter pack, bottom _____ ft. MSL or 20.6 ft.
K. Borehole, bottom _____ ft. MSL or 20.7 ft.
L. Borehole, diameter 8 1/4 in.
M. O.D. well casing 2 3/8 in.
N. I.D. well casing 2.00 in.

1. Cap and lock? ■ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 3.0 ft.
c. Material: Steel ■ 04; Other ☐ __
d. Additional protection? ☐ Yes ■ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30; Concrete ■ 01; Other ☐ __
4. Material between well casing and protective pipe: Bentonite ■ 30; Annular space seal ☐ __; Other ☐ __
5. Annular space seal: a. Granular Bentonite ■ 33
b. _____ Lbs/gal mud weight . . . Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight . . . . . Bentonite slurry ☐ 31
d. _____ % Bentonite . . . . . Bentonite-cement grout ☐ 50
e. 1.3 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01; Tremie pumped ☐ 02; Gravity ■ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ■ 3/8 in. ☐ 1/2 in. Bentonite pellets ■ 32
c. _____ Other ☐ __
7. Fine sand material: Manufacturer, product name & mesh size
a. BEST -50
b. Volume added .64 ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. BEST -20
b. Volume added 3.8 ft³
9. Well casing: Flush threaded PVC schedule 40 ■ 23; Flush threaded PVC schedule 80 ☐ 24; _____ Other ☐ __
10. Screen material: PVC
a. Screen type: Factory cut ■ 11; Continuous slot ☐ 01; _____ Other ☐ __
b. Manufacturer Monoflex
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ■ 14; _____ Other ☐ __

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Gerald "Chip" W. Johnson
Firm: Fluid Management, Inc

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Adm. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

State of Wisconsin
Department of Natural Resources

Route to: Solid Waste ☐ Haz. Waste ☐ Wastewater ☐
Env. Response & Repair ☐ Underground Tanks ☒ Other ☐ _____

MONITORING WELL CONSTRUCTION
Form 4400-113A Rev. 4-90

Facility/Project Name: M.I.R.

Facility License, Permit or Monitoring Number: _____

Type of Well: Water Table Observation Well ☐ 11 Piezometer ☐ 12

Distance Well Is From Waste/Source Boundary: UNKNOWN ft.

Is Well A Point of Enforcement Std. Application? UNKNOWN ☐ Yes ☐ No

Local Grid Location of well: RELATIVE STATION
5000 ft. ☒ N ☐ S — 5000 ft. ☐ E ☐ W

Grid Origin Location
Lat. 43 27 52 Long. 88 50 00 or
St. Plane 4976.75 ft. N. 5095.46 ft. E.

Section Location of Waste/Source
SE 1/4 of SW 1/4 of Sec. 33, T. 12 N, R. 14 ☐ E. ☐ W.

Location of Well Relative to Waste/Source
u ☐ Upgradient s ☐ Sidegradient
d ☐ Downgradient n ☒ Not Known

Well Name: MW-24

Wis. Unique Well Number: _____ DNR Well Number: _____

Date Well Installed: 11/12/92 (m m / d d / y y)

Well Installed By: (Person's Name and Firm)
Chip Johnson
Fluid Management, Inc

A. Protective pipe, top elevation _____ ft. MSL
B. Well casing, top elevation 892.69 ft. MSL
C. Land surface elevation 889.98 ft. MSL
D. Surface seal, bottom _____ ft. MSL or .5 ft.

12. USCS classification of soil near screen:
GP ☐ GM ☐ GC ☐ GW ☒ SW ☐ SP ☐
SM ☐ SC ☐ ML ☐ MH ☐ CL ☐ CH ☐
Bedrock ☐

13. Sieve analysis attached? ☐ Yes ☒ No

14. Drilling method used: Rotary ☐ 50
Hollow Stem Auger ☒ 41
Other ☐ _____

15. Drilling fluid used: Water ☐ 02 Air ☐ 01
Drilling Mud ☐ 03 None ☒ 99

16. Drilling additives used? ☐ Yes ☒ No
Describe NA

17. Source of water (attach analysis):
NA

E. Bentonite seal, top _____ ft. MSL or 2.0 ft.
F. Fine sand, top _____ ft. MSL or 3.0 ft.
G. Filter pack, top _____ ft. MSL or 4.0 ft.
H. Screen joint, top _____ ft. MSL or 5.0 ft.
I. Well bottom _____ ft. MSL or 15.0 ft.
J. Filter pack, bottom _____ ft. MSL or 15.0 ft.
K. Borehole, bottom _____ ft. MSL or 15.5 ft.
L. Borehole, diameter 8 1/4 in.
M. O.D. well casing 2.38 in.
N. I.D. well casing 2.00 in.

1. Cap and lock? ☒ Yes ☐ No
2. Protective cover pipe:
a. Inside diameter: 6.0 in.
b. Length: 2.0 ft.
c. Material: Steel ☒ 04 Other ☐ _____
d. Additional protection? ☐ Yes ☒ No
If yes, describe: _____
3. Surface seal: Bentonite ☐ 30 Concrete ☒ 01 Other ☐ _____
4. Material between well casing and protective pipe: Bentonite ☐ 30 Annular space seal ☐ _____ Other ☐ _____
5. Annular space seal: a. Granular Bentonite ☒ 33
b. _____ Lbs/gal mud weight ... Bentonite-sand slurry ☐ 35
c. _____ Lbs/gal mud weight ..... Bentonite slurry ☐ 31
d. _____ % Bentonite ..... Bentonite-cement grout ☐ 50
e. 1.5 Ft³ volume added for any of the above
f. How installed: Tremie ☐ 01 Tremie pumped ☐ 02 Gravity ☒ 08
6. Bentonite seal: a. Bentonite granules ☐ 33
b. ☐ 1/4 in. ☒ 3/8 in. ☐ 1/2 in. Bentonite pellets ☒ 32
c. _____ Other ☐ _____
7. Fine sand material: Manufacturer, product name & mesh size
a. BEST
b. Volume added 1.0 ft³
8. Filter pack material: Manufacturer, product name and mesh size
a. BEST
b. Volume added 4.0 ft³
9. Well casing: Flush threaded PVC schedule 40 ☒ 23 Flush threaded PVC schedule 80 ☐ 24 Other ☐ _____
10. Screen material: PVC
a. Screen type: Factory cut ☒ 11 Continuous slot ☐ 01 Other ☐ _____
b. Manufacturer Mono Flex
c. Slot size: 0.010 in.
d. Slotted length: 10.0 ft.
11. Backfill material (below filter pack): None ☐ 14 Other ☐ _____

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: Donald "Chip" N. Johnson
Firm: Fluid Management, Inc.

Please complete both sides of this form and return to the appropriate DNR office listed at the top of this form as required by chs. 144, 147 and 160, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with ch. 144, Wis. Stats., failure to file this form may result in a forfeiture of not less than $10, nor more than $5000 for each day of violation. In accordance with ch. 147, Wis. Stats., failure to file this form may result in a forfeiture of not more than $10,000 for each day of violation. NOTE: Shaded areas are for DNR use only. See instructions for more information including where the completed form should be sent.

Appendix B

May 14, 2009, Shaw Environmental, Inc. Summary of Lot 8 Geoprobe Investigation

03-14-553768

Shaw Environmental, Inc.

831 Critter Court, Suite 400
Onalaska, WI 54650-8674
Phone: 608.781.5470

Shaw® Shaw Environmental, Inc.

May 14, 2009

John Corey
Dodge County Corporate Counsel
127 East Oak Grove Street
Juneau, Wisconsin 53039

RE: Summary of Lot 8 Geoprobe Investigation
Former MIR Site, Beaver Dam, Wisconsin
BRRTS# 03-14-001263

Dear Mr. Corey:

This letter serves as a summary of the results from the recent soil sampling that was conducted at the former MIR-D site located in Beaver Dam, Wisconsin.

On April 14, 2009, On-Site Environmental, Inc. under the direction of Shaw Environmental, Inc. (Shaw), advanced twenty-three Geoprobe soil borings (GP-1 through GP-23) to characterize the soil at the site and determine the extent of soil contamination. Soil borings GP-1 through GP-4 were advanced to 7 feet below ground surface (bgs) and the remaining nineteen borings (GP-5 through GP-23) were advanced to 1.5 feet bgs. Soil samples were collected from borings GP-1 through GP-4 at two-foot intervals; classified according to the Unified Soil Classification System; and field-screened using a photoionization detector. Two soil sample intervals from these four borings, and one sample from the remaining nineteen borings were submitted to a state-certified laboratory for analysis of the following parameters: arsenic, cadmium, chromium, lead, polynuclear aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs). Soil classification information was recorded on Wisconsin Department of Natural Resources (WDNR) "Soil Boring Log Information" forms. Copies of the soil boring logs and abandonment forms are included in Attachment A. Figure 1 illustrates the site plan view and soil boring locations.

Findings

In general, soil encountered during the investigation consisted primarily of approximately five feet of silty clay overlying silt to a maximum depth of seven feet bgs. Laboratory analytical results indicated that arsenic, cadmium, chromium, lead, several PAHs, methylene chloride, toluene, and trichlorofluoromethane were detected in the soil at the site. Arsenic was the only metal that exceeded the NR 720.11 residual contaminant level (RCL) for direct contact. The following PAH compounds exceeded their respective suggested non-industrial RCL for direct contact: benzo(a)anthracene; benzo(a)pyrene; benzo(b)fluoranthene; dibenzo(a,h)anthracene; and indeno(1,2,3-cd)pyrene. Table 1 summarizes the laboratory results. The actual laboratory report is included as Attachment B.

Discussion and Recommendations

Arsenic was found in every sample collected at the site at concentrations ranging from 1.8 to 5.6 parts per million (ppm). While the arsenic levels do exceed the NR 720 RCL, it also should be noted that arsenic can be naturally occurring in soils in Wisconsin. The levels detected at the

site are similar to background levels observed in other areas of the state, and consistent with concentrations that were observed during the course of the site investigation and remediation that occurred at the site from 1992 to closure in 2008. Additionally, since arsenic levels are consistent across the site in all the borings, they are believed to be representative of naturally-occurring background levels.

The other metals, chromium, cadmium, and lead, were not observed at levels exceeding their respective NR 720 standard.

Based on the soil sampling results, it appears that the majority of the PAHs exceeding regulatory limits are located within the silty clay soils in the top two feet of the soil profile and relatively close to the direct contact standards for each parameter. Benzo(a)pyrene was detected at concentrations an order of magnitude greater that it's direct contact value; however, only in about half of the samples collected.

Soil samples from borings GP1 through GP4 were also collected at depths greater than 1.5 feet bgs; however, no contamination (VOCs or PAHs) was detected in the deeper samples (greater than 3 feet bgs) at concentrations exceeding any standard. The direct standard limits only apply to the top four feet of the soil profile.

None of the soil samples collected illustrated concentrations close to the suggested RCLs for groundwater pathway; therefore, there is no concern that the minor residual soil contamination will adversely impact the quality of the groundwater present at, and down gradient of, the site.

Please feel free to contact me at 715-849-8986 if you have any questions regarding the results of the Geoprobe investigation.

Sincerely,
Shaw Environmental, Inc.

Victoria L. Loveland

Victoria Loveland
Engineer 3

cc: Denise Nettesheim, WDNR, 3911 Fish Hatchery Road, Fitchburg, Wisconsin 53711

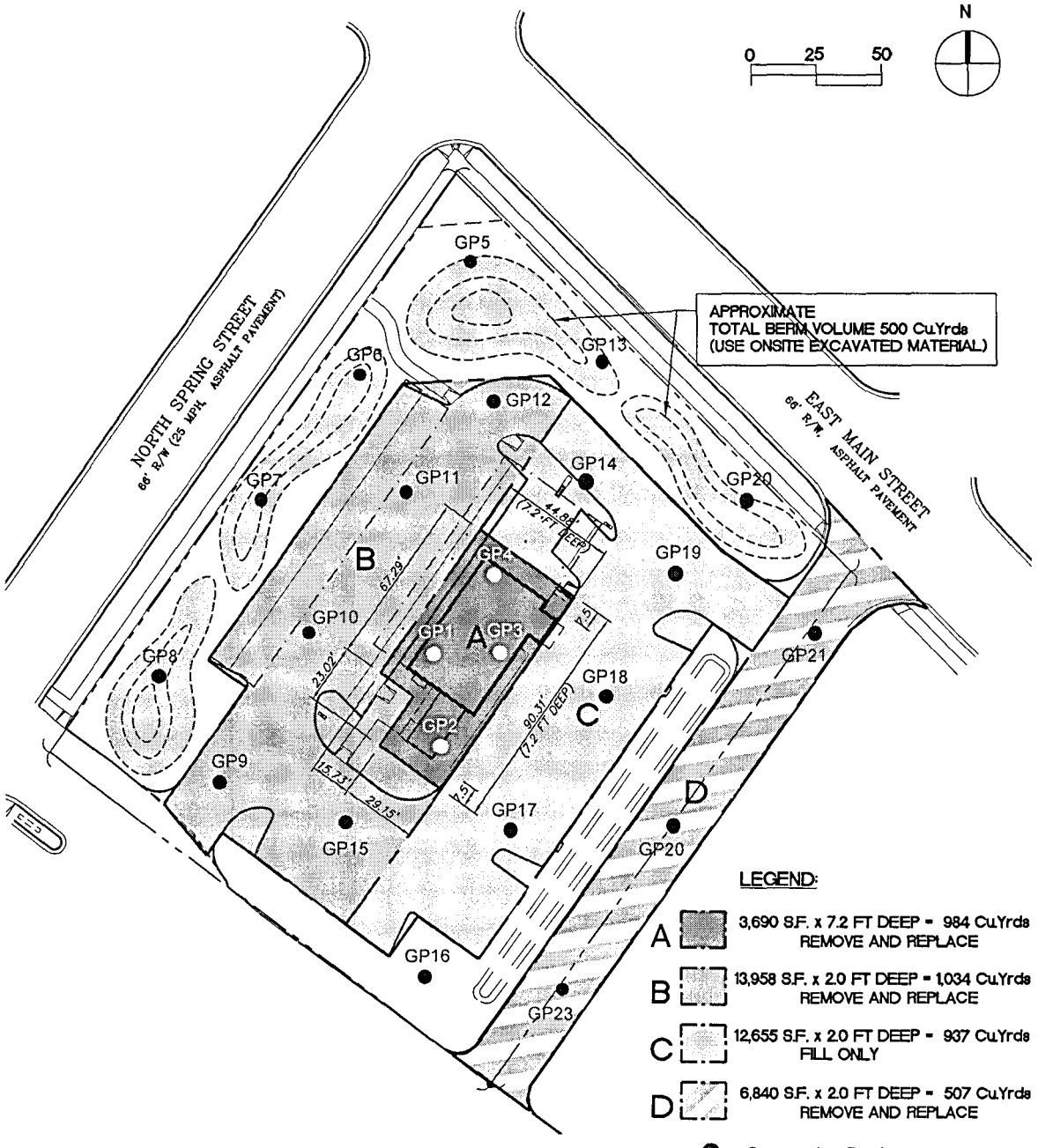


Figure 1
Geoprobe Locations
MIR Site - Beaver Dam, WI
4/19/09

Table 1
Soil Sample Analytical Results
MIR Site - Beaver Dam, WI
4/19/2009

Parameter	GP1 2' bgs	GP1 4' bgs	GP2 3' bgs	GP2 7' bgs	GP3 2' bgs	GP3 6' bgs	GP4 4' bgs	GP4 7' bgs	GP5 1.5' bgs	GP6 1.5' bgs	GP7 1.5' bgs	GP8 1.5' bgs	GP9 1.5' bgs	GP10 1.5' bgs	GP11 1.5' bgs	GP12 1.5' bgs	GP13 1.5' bgs	GP14 1.5' bgs	GP15 1.5' bgs	GP16 1.5' bgs	GP17 1.5' bgs	GP18 1.5' bgs	GP19 1.5' bgs	GP20 1.5' bgs	GP21 1.5' bgs	GP22 1.5' bgs	GP23 1.5' bgs	Units	NR 720 RCL	Suggested PAH RCLs for	
																													GW Pathway	Direct Contact
1,1,1,2-Tetrachloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,1,1-Trichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,1,2,2-Tetrachloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,1,2-Trichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,1-Dichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,1-Dichloroethene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,1-Dichloropropene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,2,3-Trichlorobenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,2,3-Trichloropropane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,2,4-Trichlorobenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,2,4-Trimethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,2-Dibromo-3-chloropropane	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	< 165	< 82.3	< 82.3	< 82.3	< 82.3	< 82.3	ug/kg			
1,2-Dibromoethane (EDB)	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,2-Dichlorobenzene	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	< 88.8	< 44.4	< 44.4	< 44.4	< 44.4	< 44.4	ug/kg			
1,2-Dichloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg	4.9		
1,2-Dichloropropane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,3,5-Trimethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,3-Dichlorobenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,3-Dichloropropane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1,4-Dichlorobenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
1-Methylnaphthalene	18.0	20.0	5.8	< 2.1	< 2.1	< 2.1	< 2.3	< 2.1	4.7	3.0	7.3	< 2.1	3.5	2.9	4.7	2.3	13.5	< 2	< 2.3	12.2	6.1	< 2.3	< 2.6	3.8	6.6	4.0	13.5	ug/kg		23,000	1,100,000
2,2-Dichloropropane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
2-Chlorotoluene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
2-Methylnaphthalene	23.8	31.5	8.3	< 2.1	< 2.1	< 2.1	< 2.3	< 2.1	7.2	4.5	15.9	3.3	5.4	4.3	7.5	3.8	15.5	< 2	< 2.3	13.6	10.5	3.3	2.9	4.7	8.6	6.6	17.9	ug/kg		20,000	600,000
4-Chlorotoluene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Acenaphthene	11.6	10.5	< 1.1	< 1	< 1	< 1	< 1.2	< 1	4.3	2.6	9.9	2.5	1.8	4.5	8.6	1.8	1.7	1.0	< 1.2	2.1	8.7	2.1	1.5	3.1	8.6	5.5	7.5	ug/kg		38,000	900,000
Acenaphthylene	61.7	5.8	3.7	< 1.9	5.3	< 1.9	< 2.1	< 1.9	26.4	34.4	78.0	14.2	16.5	23.5	17.6	12.1	16.7	4.4	5.5	5.8	6.7	8.8	8.9	13.8	14.6	12.2	24.5	ug/kg		700	18,000
Anthracene	109	22.0	10	< 5.1	6.5	< 5.2	< 5.7	< 5.1	27.9	39.8	85.1	25.8	22.1	37.4	37.7	17.7	25.0	7.3	10.0	12.3	17.3	16.4	14.5	23.0	63.1	34.2	47.2	ug/kg		3,000,000	5,000,000
Arsenic	4.4	3.1	3.8	3.1	3.6	2.7	5.6	3.0	2.4	2.3	2.3	2.0	2.2	2.2	2.3	2.2	3.8	2.3	1.9	1.9	2.5	2.4	1.8	3.5	2.9	3.2	2.2	mg/kg	0.039		
Benzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg	5.5		
Benzo(a)anthracene	236	17.7	20.4	< 9.4	26.8	< 9.5	< 10.4	< 9.3	59.9	91.0	145	60.0	61.7	96.1	93.1	50.1	45.4	25.1	33.3	33.5	38.6	46.2	38.7	57.2	108	80.7	142	ug/kg		17,000	88
Benzo(a)pyrene	248	18.3	19.2	< 4.1	20.3	< 4.1	< 4.5	< 4	74.5	122	212	109	80.2	114	100	57.0	53.2	27.5	38.4	38.6	43.0	52.1	46.2	58.7	105	83.5	182	ug/kg		48,000	8.8
Benzo(b)fluoranthene	250	17.2	17.7	< 6.4	16.7	< 6.4	< 7.1	< 6.3	76.2	129	202	131	91.8	108	104	62.5	51.0	29.8	41.4	47.9	45.6	55.6	55.4	58.3	110	91.7	214	ug/kg		360,000	88
Benzo(g,h,i)perylene	167	14.0	14.4	< 4.7	8.2	< 4.8	< 5.3	< 4.7	58.6	101	181	97.1	58.5	71.1	61.5	39.7	40.5	17.7	25.3	26.8	28.2	33.7	34.6	38.7	57.4	55.5	146	ug/kg		6,800,000	1,800
Benzo(k)fluoranthene	183	19.0	19.5	< 7	21.5	< 7	< 7.8	< 6.9	80.0	98.1	164	124	84.1	113	102	57.9	55.4	28.9	41.4	40.8	48.3	56.4	52.3	64.1	107	88.5	232	ug/kg		870,000	880
Bromobenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Bromochloromethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Bromodichloromethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Bromoform	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	< 51.8	< 25.9	< 25.9	< 25.9	< 25.9	< 25.9	ug/kg			
Bromomethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Cadmium	0.19	0.32	0.093	0.095	0.26	0.088	0.044	0.087	0.14	0.16	0.22	0.15	0.19	0.19	0.18	0.17	0.18	0.084	0.11	0.12	0.21	0.17	0.078	0.21	0.20	0.31	0.18	mg/kg	8		
Carbon tetrachloride	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Chlorobenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Chloroethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Chloroform	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Chloromethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Chromium	16.4	17.9	15.2	8.9	14.5	9.4	23.6	7.5	15.1	16.0	17.6	14.0	16.0	13.4	14.3	16.8	13.3	8.0	20.4	19.6	18.1	15.7	22.3	14.3	16.7	16.3	13.6	mg/kg	14 hex/16,000		
Chrysene	254	20.4	21.6	< 3.9	25.6	< 3.9	< 4.3	< 3.8	79.7	131	193	128	89.8	110	113	65.6	59.7	33.8	45.5	49.6	50.6	61.5	58.2	67.3	128	102	206	ug/kg		37,000	8,800
cis-1,2-Dichloroethene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
cis-1,3-Dichloropropene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Dibenz(a,h)anthracene	58.3	< 5.8	< 5.3	< 5.2	< 5.2	< 5.3	< 5.8	< 5.2	20.9	41.7	73.4	40.6	27.9	30.5	27.5	19.5	19.2	7.8	10.2	10.7	10.8	13.0	12.8	17.2	24.8	25.7	63.1	ug/kg		38,000	8.8
Dibromochloromethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Dibromomethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Dichlorodifluoromethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Diisopropyl ether	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Ethylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg	2,900		
Fluoranthene	559	35.2	36.8	5.6	45.2	< 1.2	< 1.4	< 1.2	135	228	265	213	157	215	244	120	109	57.8	90.8	91.2	106	123	106	133	284	206	357	ug/kg		500,000	600,000
Fluorene	17.5	8.2	1.7	< 1	< 1	< 1	< 1.1	< 1	5.4	4.9	10.9	4.4	3.2	5.1	10.3	2.5	2.6	1.4	1.8	3.3	7.0	3.2	2.3	4.2	18.3	6.4	7.6	ug/kg		100,000	600,000
Hexachloro-1,3-butadiene	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	< 52.8	< 26.4	< 26.4	< 26.4	< 26.4	< 26.4	ug/kg			
Indeno(1,2,3-cd)pyrene	151	12.5	12.2	< 4.7	8.8	< 4.8	< 5.3	< 4.7	54.0	92.2	155	93.8	62.1	76.4	63.8	39.1	41.1	18.6	26.5	28.2	27.8	35.9	33.8	40.1	60.4	57.3	144	ug/kg		680,000	88
Isopropylbenzene (Cumene)	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Lead	13.9	7.7	5.5	3.5	13.2	3.0	7.2	2.4	14.1	14.4	16.6	15.4	15.8	12.4	11.2	15.2	14.3	3.1	11.5	14.8	17.0	14.0	11.0	15.6	13.8	16.4	16.2	mg/kg	50		
m&p-Xylene	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 50	< 100	< 50	< 50	< 50	< 50	< 50	ug/kg	4,100		
o-Xylene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Methylene Chloride	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	67.3	< 25	< 25	< 25	< 25	< 25	ug/kg			
Methyl-tert-butyl ether	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Naphthalene	30.3	8.9	8.8	< 1.4	< 25	< 1.4	< 1.5	< 25	< 25	< 25	36.5	< 25	5.3	< 25	9.5	4.8	< 25	1.6	< 25	4.3	33.8	< 50	< 25	5.5	9.8	7.8	< 25	ug/kg		400	20,000
Naphthalene (by method 8270)	< 25	< 25	< 25	< 25	1.8	< 25	< 25	< 1.4	7.3	7.3	< 25	5.0	< 25	5.6	< 25	< 25	12.3	< 25	2.7	< 25	< 25	3.8	4.6	< 25	< 25	< 25	17.1	ug/kg		400	20,000
n-Butylbenzene	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	< 80.8	< 40.4	< 40.4	< 40.4	< 40.4	< 40.4	ug/kg			
n-Propylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Percent Moisture	9.3	19.4	12.6	11.1	10.1	11.7	20.1	10.5	17.5	18.3	22.8	12.1	21.5	12.1	19.7	19.3	15.7	8.0	20.7	20.3	22.7	19.8	28.1	16.9	34.1	19.7	17.1	%			
Phenanthrene	373	73.9	22.1	2.6	5.9	< 2.2	< 2.5	< 2.2	51.3	80.8	101	71.1	54.3	76.1	115	43.5	68.5	22.7	31.2	38.1	51.9	48.5	42.4	73.0	170	101	137	ug/kg		1,800	18,000
p-Isopropyltoluene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Pyrene	432	28.7	28.6	4.3	34.3	< 1.1	< 1.3	< 1.1	106	172	206	163	118	166	179	91.8	88.2	43.8	68.5	68.1	78.5	91.3	78.3	101	197	150	275	ug/kg		8,700,000	500,000
sec-Butylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Styrene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
tert-Butylbenzene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Tetrachloroethene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Toluene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	124	1,090	< 25	< 25	< 25	< 25	< 25	ug/kg	1,500		
trans-1,2-Dichloroethene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
trans-1,3-Dichloropropene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Trichloroethene	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			
Trichlorofluoromethane	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	42.2	153	< 25	< 25	< 25	< 25	< 25	ug/kg			
Vinyl chloride	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 50	< 25	< 25	< 25	< 25	< 25	ug/kg			

Notes:
bgs: Below ground surface
RCL: Residual contaminant level

PAH: Polynuclear aromatic hydrocarbons
Bold indicates value equals or exceeds the NR 720 RCL or RCL for direct contact

Appendix C

April 14, 2023, EWI, Phase I Environmental Site Assessment,
Unoccupied Land, South of East Main Street and North Spring Street
Beaver Dam, Wisconsin

ENVIRONMENTAL WORKS

Science. Safety. Grit. Ingenuity.

PHASE I ENVIRONMENTAL SITE ASSESSMENT

Unoccupied Land
South of East Main Street and North Spring Street
Beaver Dam, Dodge County, Wisconsin

Prepared For:
CBC DT LLC
Kansas City, Missouri

Prepared By:
Environmental Works, Inc.
Kansas City, MO

EWI Project # 230878

April 14, 2023

ENVIRONMENTAL WORKS

Science. Safety. Grit. Ingenuity.

April 14, 2023

EWI Project # 230878

Matt Crawford
CBC DT LLC
4706 Broadway, Suite 240
Kansas City, Missouri 64112

Re: Phase I Environmental Site Assessment, (ESA)
Unoccupied Land
South of East Main Street and North Spring Street
Beaver Dam, Wisconsin

Dear CBC DT LLC,

Please find enclosed one electronic copy of the above-referenced report. Should you have any questions regarding this report, please do not hesitate to contact me at 816-285-8410.

Thank you for your confidence in Environmental Works, Inc. We appreciate the opportunity to assist you with your environmental needs.

Environmental Works, Inc.

Joseph Lucke
Associate Scientist

Nicole Wise
Project Manager

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1.0 EXECUTIVE SUMMARY

Environmental Works, Inc. (EWI) was retained by CBC DT LLC on March 9, 2023 to perform a Phase I Environmental Site Assessment (ESA) of the Unoccupied Land located South of East Main Street and North Spring Street in Beaver Dam, Dodge County, Wisconsin (hereinafter referred to as "Subject Property" or "Site"). This report may be relied upon/used by CBC DT LLC and Academy Bank. The Phase I ESA was conducted in conformance with the American Society for Testing Materials International (ASTM) E 1527-21 Standard. The Vapor Encroachment Screening practices were conducted in accordance with ASTM E 2600-15. The purpose of the assessment is to identify recognized environmental conditions (RECs), controlled recognized environmental conditions (CRECs), historical recognized environmental conditions (HRECs), vapor encroachment conditions (VECs), and potential environmental liabilities associated with the Subject Property.

The summary presented below is general in nature and should not be considered apart from the entire text of the report, with all the qualifications and considerations mentioned therein. Details of our evaluation are discussed throughout and in the appendices of this report.

The Subject Property consists of one (1) 1.25 acre parcel of unoccupied grass-covered land. The Subject Property is owned by Pine Ridge Homes Inc..

Historical Records Review Summary

According to the first available historical documentation in 1909, a portion of the Malleable Iron Range Co. and a dwelling were illustrated on the Subject Property. The dwelling was set to be removed to build a foundry for the manufacturing facility. Additionally, an oil house and warehouse are illustrated on the Subject Property. By 1914, the previous dwelling had been removed and the Malleable Iron Range Co. foundry was illustrated on the Subject Property as well as a railroad spur (in 1914) and other structures related to manufacturing operations. The Malleable Iron Range Co. manufacturing facility remains present across the Subject Property until its deconstruction beginning in the 1990's. By 2005, the Subject Property consisted of unoccupied grass-covered lot and remains unchanged to the present day.

The surrounding area historically consisted of the Malleable Iron Range Co. manufacturing facility which covered approximately 8.5 acres of land adjoining the Subject Property by 1896. By 1909, Main Street and dwellings were illustrated adjoining the Subject Property to the north. North Spring Street and dwellings were illustrated adjoining the Subject Property to the north and west. By 1924, the Malleable Iron Range Co. facility was illustrated adjoining the Subject Property to the south and east. Main Street was no longer present adjoining the Subject Property to the north and the area consisted of vacant land. Stores are illustrated adjoining the Subject Property at 802 North Spring Street and 804 North Spring Street. By 1945, expansion of the Malleable Iron Range Co. foundry was illustrated to the north of the Subject Property as well as additional storage area for sand and coal. By 2005, the Malleable Iron Range Co. manufacturing facility has been demolished. A commercial shopping center and parking lot was visible adjoining the Subject Property to the southwest. Unoccupied grass covered land was visible adjoining the Subject Property to the east. East Main Street and the current day commercial building is visible adjoining the Subject Property to the north. North Spring Street, commercial, and residential properties are still present adjoining the Subject Property to the west.

Regulated Sites Summary

The Monarch Malleable Iron Range (also known as MAFCO Inc.) factory operated at 715 North Spring Street, Beaver Dam, WI as early as 1896 and includes the Subject Property (Lot 8). The 430,000 SF factory covered approximately 8.5 acres of land. This factory originally manufactured coal, wood, gas, and electric heaters, stoves and ranges and later expanded to include refrigerators, furnaces, washing machines, irons, and other household products. These industrial appliances used asbestos as insulating material particularly in products that needed to withstand high heat which later led to lawsuits and bankruptcy by the 1970s. The factory went out of business in 1985. Other manufacturing processes at the site included foundry operations, painting, paint stripping, electroplating, acid treatment, porcelain enameling, and assembly.

This facility is listed in the Brownfields and Voluntary Cleanup Program (VCP) as well as the BRRTS, Wisconsin Manifest, Underground Storage Tank (UST), Leaking Underground Storage Tanks (LUST), Solid and Hazardous Waste Information System (SHWIMS), as well as others related to its long-term industrial manufacturing operations. This facility has had multiple spills, leaks, violations, and documented environmental issues requiring remediation of contaminated soil (including VOCs, PAHs and metals) and groundwater (Benzene, Trichloroethene (TCE), Tetrachloroethene (PCE), and others). Previous environmental activities include a polychlorinated biphenyl (PCB) spill and remediation by soil excavation and off-site disposal in 1984, removal of USTs and emergency LUST cleanup of petroleum products in 1987-1990, and other site remediation beginning in 1994. Site remediation included soil vapor extraction, air sparging, groundwater treatment, soil excavation and off site disposal of 20,000 tons of contaminated soil, removal of additional tanks, and installation of monitoring wells, piezometers, and soil borings. These remedial activities were completed by June 1998, the site was monitored until December 2006. In April 2008, the entire Monarch Iron Range Site was granted final case closure with Land Use Limitations and Conditions approved by the WDNR.A Summary of the Lot 8 (Subject Property) Geoprobe Investigation was completed by Shaw Environmental, Inc. on May 14, 2009. On April 14, 2009, twenty-three (23) soil borings (GP-1 through GP-23) were advanced to characterize the soil at the site and determine the extent of soil contamination. Soil borings GP-1 through GP-4 were advanced to 7 feet below ground surface (bgs) and the remaining nineteen borings (GP-5 through GP-23) were advanced to 1.5 feet bgs.

Two soil samples from GP-1 through GP-4, and one sample from the remaining nineteen borings were submitted to a state-certified laboratory for analysis of the following parameters: arsenic, cadmium, chromium, lead, polynuclear aromatic hydrocarbons (PAHs), and volatile organic compounds (VOCs). Laboratory analytical results indicated arsenic, cadmium, chromium, lead, several PAHs, methylene chloride, toluene, and trichlorofluoromethane were detected in the soil at the site. Based on the soil sampling results, a majority of the PAHs exceeding regulatory limits are located within the silty clay soils in the top two feet of the soil profile and relatively close to the direct contact standards for each parameter. The most recent groundwater data for the Subject Property included relatively low concentrations of VOCs below WDNR enforcement standards. EWI also reviewed groundwater data for surrounding properties which have concentrations exceeding WDNR enforcement standards.

Based on close proximity, this could be a potential vapor source. Due to the long-term manufacturing operations, identified soil and groundwater contamination, and continuing remedial obligations for Lot 8 and the historical Monarch Malleable Iron Range, this is considered a CREC and VEC to the Subject Property.

Multiple facilities were identified within the approximate minimum search distances from the subject property but do not represent RECs or VECs to the subject property based on distance, topographic gradient, and/or regulatory status.

Site Reconnaissance Summary

No environmental concerns were identified on the property or on surrounding properties during the Site reconnaissance. No evidence of USTs or ASTs was observed at the Site or the adjoining properties. Evidence of hazardous substances and petroleum products were not observed during the Site reconnaissance.

Conclusion and Opinions

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM E 1527-13 of the Unoccupied Land located South of East Main Street and North Spring Street in Beaver Dam, Dodge County, Wisconsin (the Subject Property or Site). The Vapor Encroachment Screening practices were conducted in accordance with ASTM E 2600-15. Any exceptions to or deviations from this standard are described in Section 10.0 of this report.

The following CREC and VEC were identified for the Subject Property during this assessment:

1) The Monarch Malleable Iron Range (also known as MAFCO Inc.) factory operated at 715 North Spring Street, Beaver Dam, WI since 1896 until 1985 and includes the Subject Property. This facility covered

the surrounding area and has had multiple spills, leaks, violations, and documented environmental issues requiring remediation of contaminated soil and groundwater. In April 2008, the entire Monarch Iron Range Site was granted final case closure with Land Use Limitations and Conditions approved by the Wisconsin Department of Natural Resources (WDNR). The Monarch Malleable Iron Range is currently known as the Monarch Development (Lot 1-Lot 10). The Subject Property (Lot 8) has confirmed soil contamination including: arsenic, cadmium, chromium, lead, several PAHs, methylene chloride, toluene, and trichlorofluoromethane. The most recent groundwater data for the Subject Property included relatively low concentrations of VOCs below WDNR enforcement standards. EWI also reviewed groundwater data for surrounding properties which have concentrations exceeding WDNR enforcement standards. Based on close proximity, this could be a potential vapor source. Due to the long-term manufacturing operations, identified soil and groundwater contamination, and continuing remedial obligations for Lot 8 and the historical Monarch Malleable Iron Range, this is considered a CREC and VEC to the Subject Property.