Wisconsin Department of Natural Resources

Case Closure – GIS Registry
NR 4400-202

For: Maron Property
BRRTS # 03-14-563925

November 28, 2017

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November 28, 2017

WDNR BRRTS#: 03-14-563925
PECFA #: 53916-9214-68

Wendy Weihemuller, Environmental Program Associate
WDNR Remediation and Redevelopment Program
WDNR South Central Region
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711

RE: Maron Property - Closure Review and GIS Registry Fees

Dear Ms. Weihemuller,

Enclosed is the $1,050 WDNR Closure Review Fee and the $650 GIS Registry Fee (Soil and Groundwater) for the Maron Property site (BRRTS #: 03-14-563925) located in Beaver Dam, Wisconsin. The complete closure submittal is being sent to Dan Graf of the Wisconsin Department of Natural Resources.

Sincerely,

Jason T. Powell
Staff Scientist

C: Karen Maron - Client

Table of Contents

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

Case Closure - GIS Registry

SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

Notice: Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.). Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided.

Site Information

BRRTS No.	VPLE No.		
03-14-563925			
Parcel ID No.			
004-1114-0742-001			
FID No.	**WTM Coordinates**		
	X	Y	
114109710	611,241	329,630	
BRRTS Activity (Site) Name	**WTM Coordinates Represent:**		
Maron Property	☐ Source Area	☒ Parcel Center	
Site Address	**City**	**State**	**ZIP Code**
W9468 Iron Road	Beaver Dam	WI	53916
Acres Ready For Use			
8.5			

Responsible Party (RP) Name			
Karen Maron			
Company Name			
Mailing Address	**City**	**State**	**ZIP Code**
7420 W. Drummond St.	Iron River	WI	54847
Phone Number	**Email**		
(715) 372-5441	buckybeezer@gmail.com		

☒ Check here if the RP is the owner of the source property.

Environmental Consultant Name			
Ron Anderson			
Consulting Firm			
METCO			
Mailing Address	**City**	**State**	**ZIP Code**
709 Gillette Street, Suite 3	La Crosse	WI	54603
Phone Number	**Email**		
(608) 781-8879	rona@metcohq.com		

Fees and Mailing of Closure Request

1. **Send a copy of page one** of this form and the applicable ch. NR 749, Wis. Adm. Code, fee(s) to the DNR Regional EPA (Environmental Program Associate) at **http://dnr.wi.gov/topic/Brownfields/Contact.html#tabx3**. Check all fees that apply:

   ☒ $1,050 Closure Fee

   ☒ $350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned)

   ☒ $300 Database Fee for Soil

   Total Amount of Payment $ $1,700.00

   ☐ Resubmittal, Fees Previously Paid

2. **Send one paper copy and one e-copy on compact disk of the entire closure package** to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see **http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf.**

Site Summary

If any portion of the Site Summary Section is not relevant to the case closure request, you must fully explain the reasons why in the relevant section of the form. All information submitted shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected.

1. General Site Information and Site History

A. Site Location: Describe the physical location of the site, both generally and specific to its immediate surroundings.
The Maron Property site, W9468 Iron Road, is located in the NW 1/4, SE 1/4, Section 7, Township 11 North, Range 14 East, in the Town of Beaver Dam, Dodge County, Wisconsin. The subject property is bound by Iron Road to the south, and commercial/agricultural properties to the north, east, and west.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
In February 2015, Partner Engineering and Science, Inc. performed a Phase 1 Environmental Site Assessment (P1ESA) at the Maron Property. According to historical sources, the property was used for residential purposes as early as 1940. In 1956, the existing building was constructed and the property was developed as a salvage yard. The salvage yard operated at the subject property until approximately 1975. A pallet manufacturing business operated on the subject property from approximately 1975 until 2010. Currently the subject property is vacant.

C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
According to the Dodge County GIS property assessment, the Maron Property site located at W9468 Iron Road is zoned "Commercial". The neighboring properties to the north and west are zoned "Agriculture" and/or "Commercial", and the neighboring property to the east is zoned "Agricultural" and "Undeveloped".

D. Describe how and when site contamination was discovered.
On May 7, 2015, METCO conducted a Phase 2 Environmental Site Assessment (P2ESA) at the subject property. During the P2ESA, eight soil borings (GP-1, -2, -3, -4, -5, -6, -7, and -8) were were advanced to a depth of 8 to 10 feet below ground surface (bgs) to assess the following areas: the former UST, salvage yard, and septic system. One soil sample and one groundwater sample were collected from each boring for VOC analysis. The only area where any significant levels of VOCs were detected in soil and groundwater was in the area of the removed diesel UST (GP-1). The petroleum contamination was subsequently reported to the WDNR, who then required that a site investigation be completed.

E. Describe the type(s) and source(s) or suspected source(s) of contamination.
Petroleum contamination appears to have originated from the former UST system.

F. Other relevant site description information (or enter Not Applicable).
Not applicable.

G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.
A closed spill case existed for the subject property, Beaver Dam City Compost Site (BRRTS case # 04-14-235314). The spill incident is listed as a release of <200 gallons of water soluble ink, which occurred on September 1, 1999. The spill case was closed on October 21, 1999 with no cleanup required.

H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
No other BRRTS activities exist immediately adjacent to this site.

2. General Site Conditions

A. Soil/Geology

i. Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.
Geologic material in the area of investigation generally consists of tan to brown to gray sandy silt/clay with gravel from ground surface to 10.5 to 13 feet bgs, except in the area of MW-2, where a tan fine to medium grained silty sand was encountered from ground surface to 7 feet bgs and a hard till with cobbles and boulders was encountered from 7 to 13 feet bgs. In the areas of MW-3 and MW-4 a tan to gray fine to medium grained sand w/gravel was encountered at depths ranging from 3 to 4 feet bgs and extending to the bedrock surface (10.5 to 11 feet bgs). In the area of B-2 a tan fine to medium grained silty sand was encountered at 10 to 10.5 feet bgs.

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill material was not encountered during the site investigation.

iii. Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.
Unconsolidated materials are underlain by a gray dolomite which was encountered at depths ranging from 10.5 to 13 feet bgs.

iv. Describe the nature and locations of current surface cover(s) across the site (e.g., natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).

With the exception of the on-site building and a garage, the majority of the property is covered by grass, with a gravel circle drive around the on-site building. A drainage ditch and a small pond also exist on the northern part of the property. The area of the former UST is covered by concrete.

B. Groundwater

i. Discuss depth to groundwater and piezometric elevations. Describe and explain depth variations, including high and low water table elevation and whether free product affects measurement of water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.

Groundwater exists at approximately 2.33 to 6.72 feet below ground surface depending on well location and time of year. Free product has never been encountered at the site. The stratigraphic unit where the water table is found consists of sandy silt/clay.

ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.

Groundwater elevations measured in the monitoring wells indicated a local groundwater flow direction to be predominately towards the north to northwest. Groundwater flow deeper in the aquifer is unknown, as no piezometers were installed during the investigation.

iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.

On January 21, 2016, METCO conducted slug tests on monitoring wells MW-1, MW-2, and MW-4. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc. Slug test data was evaluated using the Bouwer and Rice method. Hydrogeologic parameters were estimated as follows:

Monitoring Well MW-1
Hydraulic Conductivity (K) = 5.09x10-4 cm/sec
Transmissivity = 1.08x10-1 cm2/sec
Flow Velocity (V=KI/n) = 6.65 m/yr

Monitoring Well MW-2
Hydraulic Conductivity (K) = 2.05x10-4 cm/sec
Transmissivity = 6.71x10-2 cm2/sec
Flow Velocity (V=KI/n) = 2.67 m/yr

Monitoring Well MW-4
Hydraulic Conductivity (K) = 1.44x10-4 cm/sec
Transmissivity = 5.01x10-2 cm2/sec
Flow Velocity (V=KI/n) = 1.88 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of monitoring wells MW-1, -2, and -4 were assumed as the lower extent of the aquifer for calculation purposes.

iv. Identify and describe locations/distance of potable and/or municipal wells within 1200 feet of the site. Include general summary of well construction (geology, depth of casing, depth of screened or open interval).

The subject property and surrounding properties are all served by private potable wells. The potable well for the subject property exists approximately 110 feet to the northeast of the removed diesel UST system. The nearest developed neighboring properties are approximately 600 feet north/northwest, 900 feet west, and 1,000 feet southwest of the former UST system. Due to the significant distance, there does not appear to be any significant risk to the other nearby potable wells. Based on the Well Constructor's Report the subject property's well is cased to 54 feet bgs with cement pressure grouted from 10 to 54 feet bgs and a clay slurry from ground surface to 10 feet bgs. This well was completed to 222 feet bgs and draws water from a limestone and sandstone aquifer.

3. Site Investigation Summary

A. General

i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.

On May 7, 2015, as part of the Phase 2 Environmental Site Assessment, eight Geoprobe borings (G-1 thru G-8) were completed with twenty-three soil samples and eight groundwater samples were collected for field description and/or laboratory analysis. (Site Investigation Report - July 29, 2016)

On November 30 through December 1, 2015, Ground Source Inc. of De Pere, WI completed a drilling project under the supervision and direction of METCO personnel. During the Drilling Project, six soil borings (MW-1 through MW-4, SB-1, and SB-2) and one hand auger boring (HA-1) were completed with eighteen soil samples collected for field and/

or laboratory analysis. (Site Investigation Report - July 29, 2016)

On January 21, 2016, METCO personnel collected groundwater samples from all four monitoring wells for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen, and specific conductance were collected from the monitoring wells. A groundwater sample was also collected from the on-site potable well for laboratory analysis. (Site Investigation Report - July 29, 2016)

On April 18, 2016, METCO personnel collected groundwater samples from all four monitoring wells for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen, and specific conductance were collected from the monitoring wells. A groundwater sample was also collected from the on-site potable well for laboratory analysis. (Site Investigation Report - July 29, 2016)

On March 27, 2017, METCO personnel conducted one hand auger boring (HA-2) in the area of the former underground storage tank and collected one soil sample for Diesel Range Organics (DRO) analysis. This sample was required for disposal approval at the landfill. (Letter Report - July 20, 2017)

On April 25, 2017, DKS Construction Services, Inc. of Menomonie, Wisconsin conducted a soil excavation/disposal project at the subject property under the supervision and direction of METCO personnel. Five soil samples were collected from the sidewalls and bottom of the excavation for laboratory analysis. Four sidewall samples were collected at 3 feet bgs and one bottom sample was collected at 10 feet bgs. (Letter Report - July 20, 2017)

On May 4, 2017, Soils & Engineering Services, Inc. (SES) of Madison, Wisconsin, installed one replacement and one additional monitoring well (MW-1R and MW-5) under the direction and supervision of METCO personnel. Both monitoring wells were installed to 13 feet bgs. During the drilling project, six soil samples were collected from the soil borings for PID analysis. (Letter Report - July 20, 2017)

On May 16, 2017, METCO personnel collected groundwater samples from five of the monitoring wells and the on-site private well for field and/or laboratory analysis. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. During the groundwater sampling event, the new monitoring wells were surveyed to feet mean sea level (msl) and the pvc was cut down and re-surveyed on monitoring wells MW-3 and MW-4 by METCO personnel. (Letter Report - July 20, 2017)

On August 15, 2017, METCO personnel collected groundwater samples from five of the monitoring wells and the on-site private well for field and/or laboratory analysis. Field measurements for water level, Dissolved Oxygen, pH, ORP, temperature, and Specific Conductivity were collected from all sampled monitoring wells. (Groundwater Sampling Field Notes - August 15, 2017)

ii. Identify whether contamination extends beyond the source property boundary, and if so describe the media affected (e.g., soil, groundwater, vapors and/or sediment, etc.), and the vertical and horizontal extent of impacts.

The extent of petroleum contamination in soil and groundwater does not appear to extent beyond the source property boundary.

iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

No structural impediments interfered with the completion of the site investigation.

B. Soil

i. Describe degree and extent of soil contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways.

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values, exists surrounding the excavation area and the area of the removed UST. This area appears to measure up to 30 feet long, up to 9 feet wide, and 3 feet thick. An area of unsaturated soil contamination exceeding the NR720 Non-Industrial Direct Contact RCL's also exists in the area of soil excavation samples EX-2 and EX-4. The area of EX-2 appears to measure up to 9 feet long, 1 foot wide, and up to 4 feet thick. The area of EX-4 appears to measure up to 11 feet long, 1 foot wide, and up to 4 feet thick.

The extent of petroleum contamination in unsaturated soil exceeding the NR720 RCL's does not come into contact with any utility corridors.

The extent of petroleum contamination in unsaturated soil exceeding the NR720 RCL's appears to extend underneath the on-site building. However, the sub-slab vapor samples collected in this area (SS-1, SS-2, and SS-3) showed no exceedances of the Small Commercial Sub-Slab Vapor Action Levels (VALs).

ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.
Residual soil contamination which exceeds the NR720 RCL's within the upper four feet of ground surface remains in the following locations:

EX-2: Benzo(a)pyrene (0.15 ppm) and Chrysene (0.176 ppm) at 3 feet bgs
EX-3: Benzene (0.036 ppm) at 3 feet bgs
EX-4: Benzo(a)pyrene (0.314 ppm) and Chrysene (0.33 ppm) at 3 feet bgs.

iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/ information in Attachment C.
The method used to establish the soil cleanup standards for this site were the NR720 RCL's. The property is zoned "Commercial", therefore non-industrial standards were used for this site.

C. Groundwater

i. Describe degree and extent of groundwater contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.
A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST and has migrated toward the north to northwest. This plume is approximately 180 feet long and up to 137 feet wide.

One underground utility line, buried electrical, exists in the area of the groundwater contamination plume. Buried electric lines typically exist within 30 inches of ground surface and backfilled with native soil (clay). Due to the shallow depth to groundwater in the area of this line (1.60 to 4.84 feet bgs), this utility line may be intersecting the water table. However, since it is back filled with native soils it is unlikely acting as a potential contaminant migration pathway.

The subject property and surrounding properties are all served by private potable wells. The potable well for the subject property exists approximately 110 feet to the northeast of the removed diesel UST system. The nearest developed neighboring properties are approximately 600 feet north/northwest, 900 feet west, and 1,000 feet southwest of the former UST system. Due to the significant distance, there does not appear to be any significant risk to the other nearby potable wells. Based on the Well Constructor's Report the subject property's well is cased to 54 feet bgs with cement pressure grouted from 10 to 54 feet bgs and a clay slurry from ground surface to 10 feet bgs. This well was completed to 222 feet bgs and draws water from a limestone and sandstone aquifer. Analytical results from the on-site potable well showed no laboratory detects for VOC's (EPA 542.2) during the January 21, 2016 sampling event or PVOC's and Naphthalene during the three following sampling events (April 2016, May 2017, and August 2017).

The extent of the groundwater contamination exceeding the NR140 ES appears to extend underneath the on-site building. However, the sub-slab vapor samples collected in this area (SS-1, SS-2, and SS-3) showed no exceedances of the Small Commercial Sub-Slab Vapor Action Levels (VALs).

ii. Describe the presence of free product at the site, including the thickness, depth, and locations. Identify the depth and location of the smear zone.
Free product has never been encountered at this site.

D. Vapor

i. Describe how the vapor migration pathway was assessed, including locations where vapor, soil gas, or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.
On May 16, 2017, SCS Engineers of Madison, Wisconsin installed three sub-slab vapor sampling ports in the main floor of the building at W9468 Iron Road (SS-1, SS-2, and SS-3). The sub-slab vapor sampling ports were constructed by drilling a 1/2-inch pilot hole through the concrete slab and several inches into the sub slab material with a hammer drill. A 1 1/2-inch outer hole is then drilled to depths ranging from ¾ -inch to 1-inch, depending on the concrete slab thickness. The holes were cleaned of dust and drilling debris using a shop-vac. A stainless steel vapor pin is installed in the inner hole with a silicon sleeve to obtain an air tight seal with the concrete floor. The remainder of the hole is sealed with hydrated bentonite and a water dam test was conducted to confirm that the seal is air tight.

SCS Engineering then collected vapor samples from the sub-slab sampling ports for PVOC and Naphthalene analysis. Vapor samples were collected by screwing a male adapter with a short length of Teflon tubing into the sampling port. A Suma canister was connected to the other end of the Teflon tubing. The air samples were collected using a Suma canister with a flow regulator that allowed three sub-slab vapor samples to be collected over a 30 minute period. Prior to collecting the sub-slab vapor samples, a shut in test was conducted to assure that the fittings between the sample probe

and sampling container are air tight. No leaks were detected.

ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).
No sub slab vapor samples showed any exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

E. Surface Water and Sediment
i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.
The nearest surface water is an unnamed drainage ditch, which exists approximately 275 feet to the north of the removed UST system. Currently, it does not appear that the petroleum contamination has migrated to any surface waters.

ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.
No surface water or sediment samples were collected.

4. Remedial Actions Implemented and Residual Levels at Closure

A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.
On April 25, 2017, DKS Construction Services, Inc. of Menomonie, Wisconsin conducted a soil excavation/disposal project at the subject property under the supervision and direction of METCO personnel. During this project, 101.44 tons of contaminated soil was excavated and hauled to the Advanced Disposal - Glacier Ridge Landfill in Horicon, Wisconsin. Prior to any excavation activities, monitoring well MW-1 was properly abandoned by METCO personnel. The excavation consisted of an area measuring up to 32 feet long, 12 feet wide, and 4 feet below ground surface (bgs). Within the excavation, an area measuring 8 feet by 8 feet was extended to 7 feet bgs and an area measuring 5 feet by 5 feet was extended to 10 feet bgs in the area of the removed UST.

Five soil samples were collected from the sidewalls and bottom of the excavation for laboratory analysis (PVOC and PAH). Four sidewall samples were collected at 3 feet bgs and one bottom sample was collected at 10 feet bgs.

Following the excavation project, a concrete cap was installed over the excavation area.

B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.
No immediate or interim actions occurred at this site.

C. Describe the *active* remedial actions taken at the source property, including: type of remedial system(s) used for each media affected; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.
On April 25, 2017, DKS Construction Services, Inc. of Menomonie, Wisconsin conducted a soil excavation/disposal project at the subject property under the supervision and direction of METCO personnel. During this project, 101.44 tons of contaminated soil was excavated and hauled to the Advanced Disposal - Glacier Ridge Landfill in Horicon, Wisconsin. Prior to any excavation activities, monitoring well MW-1 was properly abandoned by METCO personnel. The excavation consisted of an area measuring up to 32 feet long, 12 feet wide, and 4 feet below ground surface (bgs). Within the excavation, an area measuring 8 feet by 8 feet was extended to 7 feet bgs and an area measuring 5 feet by 5 feet was extended to 10 feet bgs in the area of the removed UST.

Five soil samples were collected from the sidewalls and bottom of the excavation for laboratory analysis (PVOC and PAH). Four sidewall samples were collected at 3 feet bgs and one bottom sample was collected at 10 feet bgs.

Following the excavation project, a concrete cap was installed over the excavation area.

D. Describe the alternatives considered during the Green and Sustainable Remediation evaluation in accordance with NR 722.09 and any practices implemented as a result of the evaluation.
No evaluation of Green and Sustainable Remediation was conducted.

E. Describe the nature, degree and extent of residual contamination that will remain at the source property or on other affected properties after case closure.
An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL values, exists surrounding the excavation area and the area of the removed UST. This area appears to measure up to 30 feet long, up to 9 feet wide, and 3 feet thick. An area of unsaturated soil contamination exceeding the NR720 Non-Industrial Direct Contact RCL's also exists in the area of soil excavation samples EX-2 and EX-4. The area of EX-2 appears to measure up to 9 feet long, 1 foot wide,

and up to 4 feet thick. The area of EX-4 appears to measure up to 11 feet long, 1 foot wide, and up to 4 feet thick.

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST and has migrated toward the north to northwest. This plume is approximately 180 feet long and up to 137 feet wide.

The extent of petroleum contamination in soil and groundwater does not appear to extent beyond the source property boundary.

F. Describe the residual soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds RCLs established under s. NR 720.12, Wis. Adm. Code, for protection of human health from direct contact.
Residual soil contamination within the upper four feet of ground surface which exceed the NR720 Non-Industrial Direct Contact RCL's remains in the following locations:

EX-2: Benzo(a)pyrene (0.15 ppm) at 3 feet bgs
EX-4: Benzo(a)pyrene (0.314 ppm) at 3 feet bgs.

G. Describe the residual soil contamination that is above the observed low water table that attains or exceeds the soil standard(s) for the groundwater pathway.
Residual soil contamination above the observed low water table which currently exceed NR720 RCL's remains in the following locations:

EX-2: Benzo(a)pyrene (0.15 ppm) and Chrysene (0.176 ppm) at 3 feet bgs
EX-3: Benzene (0.036 ppm) at 3 feet bgs
EX-4: Benzo(a)pyrene (0.314 ppm) and Chrysene (0.33 ppm) at 3 feet bgs.

H. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.
Any remaining exposure pathways will be addressed via natural attenuation and a cap maintenance plan.

I. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration (e.g., stable or receding groundwater plume).
Since the most highly contaminated soils were removed by excavation and since groundwater contaminant levels appear to be stable, natural attenuation appears to be an effective method in reducing contaminant mass and concentration.

J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).
Any remaining exposure pathways will be addressed via natural attenuation and a cap maintenance plan.

K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.
No system hardware is anticipated to be left in place after site closure.

L. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.
Monitoring wells MW-1R (Benzene and Naphthalene), MW-3 (Chrysene), and MW-4 (Benzo(a)pyrene, Benzo(b) fluoranthene, and Chrysene) currently exceed the NR140 ES and/or PAL.

M. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.
No sub slab vapor samples showed any exceedances of the WDNR Small Commercial Sub-Slab Vapor Action Levels.

N. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.
No surface water or sediment samples were collected.

5. **Continuing Obligations: Situations where sites, including all affected properties and rights-of-way (ROWs), are included on the DNR's GIS Registry. In certain situations, maintenance plans are also required, and must be included in Attachment D.**
Directions: For each of the 3 property types below, check all situations that apply to this closure request.
(NOTE: Monitoring wells to be transferred to another site are addressed in Attachment E.)

	This situation applies to the following property or Right of Way (ROW):			Case Closure Situation - Continuing Obligation Inclusion on the GIS Registry is Required (ii. - xiv.)	Maintenance Plan Required
	Property Type:				
	Source Property	Affected Property (Off-Source)	ROW		
i.	☐	☒	☒	None of the following situations apply to this case closure request.	NA
ii.	☒	☐	☐	Residual groundwater contamination exceeds ch. NR 140 ESs.	NA
iii.	☒	☐	☐	Residual soil contamination exceeds ch. NR 720 RCLs.	NA
iv.				Monitoring Wells Remain:	
	☐	☐	☐	• Not Abandoned (filled and sealed)	NA
	☐	☐	☐	• Continued Monitoring (requested or required)	Yes
v.	☒	☐	☐	Cover/Barrier/Engineered Cover or Control for (soil) direct contact pathways (includes vapor barriers)	Yes
vi.	☒	☐	☐	Cover/Barrier/Engineered Cover or Control for (soil) groundwater infiltration pathway	Yes
vii.	☐	☐	☐	Structural Impediment: impedes completion of investigation or remedial action (not as a performance standard cover)	NA
viii.	☐	☐	☐	Residual soil contamination meets NR 720 industrial soil RCLs, land use is classified as industrial	NA
ix.	☐	☐	NA	Vapor Mitigation System (VMS) required due to exceedances of vapor risk screening levels or other health based concern	Yes
x.	☐	☐	NA	Vapor: Dewatering System needed for VMS to work effectively	Yes
xi.	☐	☐	NA	Vapor: Compounds of Concern in use: full vapor assessment could not be completed	NA
xii	☐	☐	NA	Vapor: Commercial/industrial exposure assumptions used.	NA
xiii.	☐	☐	☐	Vapor: Residual volatile contamination poses future risk of vapor intrusion	NA
xiv.	☐	☐	☐	Site-specific situation: (e. g., fencing, methane monitoring, other) (*discuss with project manager before submitting the closure request*)	Site specific

6. **Underground Storage Tanks**
A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action? ○ Yes ◉ No

B. Do any upgraded tanks meeting the requirements of ch. ATCP 93, Wis. Adm. Code, exist on the property? ○ Yes ◉ No

C. If the answer to question 6.B. is yes, is the leak detection system currently being monitored? ○ Yes ○ No

General Instructions

All information shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected. For each attachment (A-G), provide a Table of Contents page, listing all 'applicable' and 'not applicable' items by Closure Form titles (e.g., A.1. Groundwater Analytical Table, A.2. Soil Analytical Results Table, etc.). If any item is 'not applicable' to the case closure request, you must fully explain the reasons why.

Data Tables (Attachment A)

Directions for Data Tables:

- Use **bold** and italics font for information of importance on tables and figures. Use **bold** font for ch. NR 140, Wis. Adm. Code ES attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, PAL attainments or exceedances.
- Use **bold** font to identify individual ch. NR 720 Wis. Adm. Code RCL exceedances. Tables should also include the corresponding groundwater pathway and direct contact pathway RCLs for comparison purposes. Cumulative hazard index and cumulative cancer risk exceedances should also be tabulated and identified on Tables A.2 and A.3.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e., do not just list as no detect (ND)).
- Include the units on data tables.
- Summaries of all data must include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15 (3)(c), Wis. Adm. Code, in the format required in s. NR 716.15(4)(e), Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Soil Analytical Results Table, etc.).
- For required documents, each table (e.g., A.1., A.2., etc.) should be a separate Portable Document Format (PDF).

A. Data Tables

A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates for all groundwater sampling points (e.g., monitoring wells, temporary wells, sumps, extraction wells, potable wells) for which samples have been collected.

A.2. **Soil Analytical Results Table(s):** Table(s) showing **all** soil analytical results and collection dates. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated).

A.3. **Residual Soil Contamination Table(s):** Table(s) showing the analytical results of only the residual soil contamination at the time of closure. This table shall be a subset of table A.2 and should include only the soil sample locations that exceed an RCL. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated). Table A.3 is optional only if a total of fewer than 15 soil samples have been collected at the site.

A.4. **Vapor Analytical Table(s)**: Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.

A.5. **Other Media of Concern (e.g., sediment or surface water)**: Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, and time period for sample collection.

A.6. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.

A.7. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

Maps, Figures and Photos (Attachment B)

Directions for Maps, Figures and Photos:

- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted in a larger electronic size than 11 x 17 inches, in a PDF readable by the Adobe Acrobat Reader. However, those larger-size documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions of ss. NR 716.15(4), 726.09(2) and 726.11(3), (5) and (6), Wis. Adm. Code.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc).
- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.
- Maps, figures and photos should be dated to reflect the most recent revision.

B.1. Location Maps

B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a United States Geological Survey (U.S.G.S.) topographic map or plat map in sufficient detail to permit easy location of all affected and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.

B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for all affected properties, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination attaining or exceeding a ch. NR 140 ES, and/or in relation to the boundaries of soil contamination attaining or exceeding a RCL. Provide parcel identification numbers for all affected properties.

B.1.c. **RR Sites Map:** From RR Sites Map (http://dnrmaps.wi.gov/sl/?Viewer=RR Sites) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

B.2. Soil Figures

B.2.a. **Soil Contamination:** Figure(s) showing the location of **all** identified unsaturated soil contamination. Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720.Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedances (0-4 foot depth).

B.2.b. **Residual Soil Contamination:** Figure(s) showing only the locations of soil samples where unsaturated soil contamination remains at the time of closure (locations represented in Table A.3). Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720 Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedence (0-4 foot depth).

B.3. Groundwater Figures

B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:

- Source location(s) and vertical extent of residual soil contamination exceeding an RCL. Distinguish between direct contact and the groundwater pathway RCLs.
- Source location(s) and lateral and vertical extent if groundwater contamination exceeds ch. NR 140 ES.
- Surface features, including buildings and basements, and show surface elevation changes.
- Any areas of active remediation within the cross section path, such as excavations or treatment zones.
- Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1.b.)

B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, PAL and/or an ES. Indicate the date and direction of groundwater flow based on the most recent sampling data.

B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.

B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been abandoned.

B.4. Vapor Maps and Other Media

B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway in relation to residual soil and groundwater contamination, including sub-slab, indoor air, soil vapor, soil gas, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.

B.4.b. **Other media of concern (e.g., sediment or surface water):** Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.

B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank).

B.5. Structural Impediment Photos: One or more photographs documenting the structural impediment feature(s) which precluded a complete site investigation or remediation at the time of the closure request. The photographs should document the area that could not be investigated or remediated due to a structural impediment. The structural impediment should be indicated on Figures B.2.a and B.2.b.

Documentation of Remedial Action (Attachment C)

Directions for Documentation of Remedial Action:

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc.).
- If the documentation requested below has already been submitted to the DNR, please note the title and date of the report for that particular document requested.

C.1. **Site investigation documentation,** that has not otherwise been submitted with the Site Investigation Report.

C.2. **Investigative waste** disposal documentation.

C.3. Provide a **description of the methodology** used along with all supporting documentation if the RCLs are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.gov/topic/Brownfields/Professionals.html.

C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.

C.5. **Decommissioning of Remedial Systems.** Include plans to properly abandon any systems or equipment.

C.6. **Other**. Include any other relevant documentation not otherwise noted above (This section may remain blank).

Maintenance Plan(s) and Photographs (Attachment D)

Directions for Maintenance Plans and Photographs:

Attach a maintenance plan for each affected property (source property, each off-source affected property) with continuing obligations requiring future maintenance (e.g., direct contact, groundwater protection, vapor intrusion). See Site Summary section 5 for all affected property(s) requiring a maintenance plan. Maintenance plan guidance and/or templates for: 1) Cover/barrier systems; 2) Vapor intrusion; and 3) Monitoring wells, can be found at: http://dnr.wi.gov/topic/Brownfields/Professionals.html#tabx3

D.1. **Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required:**

- Provide brief descriptions of the type, depth and location of residual contamination.

- Provide a description of the system/cover/barrier/monitoring well(s) to be maintained.
- Provide a description of the maintenance actions required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- Provide contact information, including the name, address and phone number of the individual or facility who will be conducting the maintenance.

D.2. **Location map(s) which show(s):** (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) all property boundaries.

D.3. **Photographs** for site or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system, include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features shall be visible and discernible. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter. The inspection and maintenance log is found at: http://dnr.wi.gov/files/PDF/forms/4400/4400-305.pdf.

Monitoring Well Information (Attachment E)

Directions for Monitoring Well Information:
For all wells that will remain in use, be transferred to another party, or that could not be located; attach monitoring well construction and development forms (DNR Form 4400-113 A and B: http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf)

Select One:

○ No monitoring wells were installed as part of this response action.

◉ All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site

○ ***Select One or More:***

☐ Not all monitoring wells can be located, despite good faith efforts. Attachment E must include a description of efforts made to locate the wells.

☐ One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason (s) the well(s) will remain in use. When one or more monitoring wells will remain in use this is considered a continuing obligation and a maintenance plan will be required and must be included in Attachment D.

☐ One or more monitoring wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s). Provide documentation from the party accepting future responsibility for monitoring well(s).

Source Legal Documents (Attachment F)

Directions for Source Legal Documents:
Label documents with the specific closure form titles (e.g., F.1. Deed, F.2. Certified Survey Map, etc.). Include all of the following documents, in the order listed:

F.1. **Deed:** The most recent deed with legal description clearly listed.

Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

F.2. **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.

F.3. **Verification of Zoning**: Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.

F.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties. This section applies to the source property only. Signed statements for Other Affected Properties should be included in Attachment G.

Notifications to Owners of Affected Properties (Attachment G)

Directions for Notifications to Owners of Affected Properties:

Complete the table on the following page for sites which require notification to owners of affected properties pursuant to ch. 292, Wis. Stats. and ch. NR 725 and 726, Wis. Adm. Code. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31- 19.39,Wis. Stats.]. The DNR's "Guidance on Case Closure and the Requirements for Managing Continuing Obligations" (PUB-RR-606) lists specific notification requirements http://dnr.wi.gov/files/PDF/pubs/rr/RR606.pdf.

State law requires that the responsible party provide a 30-day, written advance notification to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned. Use form 4400-286, Notification of Continuing Obligations and Residual Contamination, at http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation. (These items will not be placed on the GIS Registry.)

Include the following documents for each property, keeping each property's documents grouped together and labeled with the letter G and the corresponding ID number from the table on the following page. (Source Property documents should only be included in Attachment F):

- **Deed:** The most recent deed with legal descriptions clearly listed for all affected properties.
  Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Notifications to Owners of Affected Properties (Attachment G)

ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Reasons Notification Letter Sent:													
							Residual Groundwater Contamination = or > ES	Residual Soil Contamination Exceeds RCLs	Monitoring Wells: Not Abandoned	Monitoring Wells: Continued Monitoring	Cover/Barrier/Engineered Control	Structural Impediment	Industrial RCLs Met/Applied	Vapor Mitigation System(VMS)	Dewatering System Needed for VMS	Compounds of Concern in Use	Commercial/Industrial Vapor Exposure Assumptions Applied	Residual Volatile Contamination Poses Future Risk of Vapor Intrusion	Site Specification Situation
A																			
B																			
C																			
D																			

Signatures and Findings for Closure Determination

Check the correct box for this case closure request, and have either a professional engineer or a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code, sign this document.

☒ A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies).

☒ The response action(s) for this site addresses media other than groundwater.

Engineering Certification

I _____ hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared by me or prepared under my supervision in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Printed Name	Title

Signature	Date	P.E. Stamp and Number

Hydrogeologist Certification

I Ronald J. Anderson hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under my supervision and, in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Ronald J. Anderson	Senior Hydrogeologist/Project Manager
Printed Name	Title
Signature	11/28/17 Date

Attachment A/Data Tables

A.1 Groundwater Analytical Table(s)

A.2 Soil Analytical Results Table(s)

A.3 Residual Soil Contamination Table(s)

A.4 Vapor Analytical Table

A.5 Other Media of Concern (e.g., sediment or surface water) – No surface waters or sediments were assessed as part of the site investigation.

A.6 Water Level Elevations

A.7 Other – Natural Attenuation Data and Slug Test Calculations Data

A.1 Groundwater Analytical Table
(Geoprobe)
W9468 Iron Rd – Beaver Dam

Sample ID	Date	GRO (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
G-1-W	05/07/15	NS	<44	**5500**	<110	**1240**	**1120**	<440	**23400**
G-2-W	05/07/15	NS	<0.44	<0.71	<1.1	<1.6	0.61	<4.4	<3.1
G-3-W	05/07/15	NS	<0.44	2.78	<1.1	<1.6	1.39	<4.4	15.7
G-4-W	05/07/15	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<4.4	<3.1
G-5-W	05/07/15	NS	<0.44	<0.71	<1.1	<1.6	0.48	<4.4	<3.1
G-6-W	05/07/15	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<4.4	<3.1
G-7-W	05/07/15	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<4.4	<3.1
G-8-W	05/07/15	NS	<0.44	<0.71	<1.1	<1.6	0.6	<4.4	<3.1
ENFORCE MENT STANDARD ES = Bold		-	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT PAL = Italics		-	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

NS = Not Sampled
(ppb) = parts per billion (ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics

A.1 Groundwater Analytical Table
Maron Property BRRTS #03-14-563925

Well Sampling Conducted on May 7, 2015

VOC's Well Name	GP-1-W	GP-2-W	GP-3-W	GP-4-W	GP-5-W	GP-6-W	GP-7-W	GP-8-W	ENFORCE MENT STANDARD = ES – Bold	*PREVENTIVE ACTION* *LIMIT = PAL - Italics*
Benzene/ppb	< 44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	**5**	*0.5*
Bromobenzene/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	==	==
Bromodichloromethane/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	**0.6**	*0.06*
Bromoform/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	==	==
sec-Butylbenzene/ppb	124 "J"	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	< 1.2	==	==
n-Butylbenzene/ppb	660	< 1	< 1	< 1	< 1	< 1	< 1	< 1	==	==
Carbon Tetrachloride/ppb	< 65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	**5**	*0.5*
Chlorobenzene/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	==	==
Chloroethane/ppb	< 65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	**400**	*80*
Chloroform/ppb	< 43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	**6**	*0.6*
Chloromethane/ppb	< 190	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	**30**	*3*
2-Chlorotoluene/ppb	< 40	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	==	==
4-Chlorotoluene/ppb	< 63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	==	==
1,2-Dibromo-3-chloropropane/ppb	< 140	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	< 1.4	**0.2**	*0.02*
Dibromochloromethane/ppb	< 45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**60**	*6*
1,4-Dichlorobenzene/ppb	< 49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	**75**	*15*
1,3-Dichlorobenzene/ppb	< 52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	**600**	*120*
1,2-Dichlorobenzene/ppb	< 46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	**600**	*60*
Dichlorodifluoromethane/ppb	< 87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	**1000**	*200*
1,2-Dichloroethane/ppb	< 54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	**5**	*0.5*
1,1-Dichloroethane/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	**850**	*85*
1,1-Dichloroethene/ppb	< 65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	< 0.45	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	**100**	*20*
1,2-Dichloropropane/ppb	< 43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	**5**	*0.5*
2,2-Dichloropropane/ppb	< 310	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	< 3.1	==	==
1,3-Dichloropropane/ppb	< 42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	==	==
Di-isopropyl ether/ppb	< 44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	==	==
EDB (1,2-Dibromoethane)/ppb	< 63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	< 0.63	**0.05**	*0.005*
Ethylbenzene/ppb	**5500**	< 0.71	2.78	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	**700**	*140*
Hexachlorobutadiene/ppb	< 220	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2	==	==
Isopropylbenzene/ppb	590	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	< 0.82	==	==
p-Isopropyltoluene/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	==	==
Methylene chloride/ppb	< 130	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 110	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	**60**	*12*
Naphthalene/ppb	**1240**	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	**100**	*10*
n-Propylbenzene/ppb	2690	< 0.77	1.4 "J"	< 0.77	< 0.77	< 0.77	< 0.77	< 0.77	==	==
1,1,2,2-Tetrachloroethane/ppb	< 52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	< 0.52	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	**70**	*7*
Tetrachloroethene (PCE)/ppb	< 74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	< 0.74	**5**	*0.5*
Toluene/ppb	**1120**	0.61 "J"	1.39 "J"	< 0.44	0.48 "J"	< 0.44	< 0.44	0.6 "J"	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 170	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	< 1.7	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 270	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	< 2.7	==	==
1,1,1-Trichloroethane/ppb	< 84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	< 0.84	**200**	*40*
1,1,2-Trichloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	**5**	*0.5*
Trichloroethene (TCE)/ppb	< 47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	< 0.47	**5**	*0.5*
Trichlorofluoromethane/ppb	< 87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	==	==
1,2,4-Trimethylbenzene/ppb	**16500**	< 1.6	11.7	< 1.6	< 1.6	< 1.6	< 1.6	< 1.6	**Total TMB's 480**	*Total TMB's 96*
1,3,5-Trimethylbenzene/ppb	**5100**	< 1.5	3.8 "J"	< 1.5	< 1.5	< 1.5	< 1.5	< 1.5		
Vinyl Chloride/ppb	< 17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	**0.2**	*0.02*
m&p-Xylene/ppb	**19500**	< 2.2	12	< 2.2	< 2.2	< 2.2	< 2.2	< 2.2		
o-Xylene/ppb	**3900**	< 0.9	3.7	< 0.9	< 0.9	< 0.9	< 0.9	< 0.9	**Total Xylenes 2000**	*Total Xylenes 400*
Nitrite Plus Nitrate, Dissolved/ppm									**10**	*2*
Sulfate, Dissolved/ppm										
Iron, Dissolved/ppb										
Manganese, Dissolved/ppb									**300**	*60*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion (ppm) = parts per million

A.1 Groundwater Analytical Table
Maron Property BRRTS #03-14-563925

Well MW-1/1R 05/16/17 881.46 MW-1R
PVC Elevation = 884.27 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	876.47	7.80	NS	<44	**1920**	<110	**550**	**830**	**4560**	**9990**
04/18/16	877.70	6.57	NS	<46	**1580**	<49	**490**	*760*	**4930**	**7360**
05/16/17	878.10	3.36	NS	<1.7	134	<8.2	*46*	20.3	*444*	*565*
08/15/17	875.32	6.14	NS	**29.1**	0.73	<0.43	*71*	1.61	3.19	20.1
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2
PVC Elevation = 881.44 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	877.60	3.84	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
04/18/16	878.69	2.75	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
05/16/17	878.93	2.51	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
08/15/17	876.31	5.13	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3 05/16/17 879.29
PVC Elevation = 879.52 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	876.09	3.43	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
04/18/16	877.28	2.24	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
05/16/17	877.69	1.60	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
08/15/17	874.45	4.84	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Maron Property BRRTS #03-14-563925

Well MW-4 05/16/17 878.89
PVC Elevation = 879.08 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	876.06	3.02	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
04/18/16	877.00	2.08	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
05/16/17	877.20	1.69	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
08/15/17	874.30	4.59	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-5
PVC Elevation = 880.61 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
05/16/17	878.21	2.40	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
08/15/17	875.07	5.54	NS	<0.27	<0.56	<0.43	<1.7	0.38	<1.14	<1.71
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well W9468 PW

Date	Water Elevation (in feet msl)	Depth to water from top of PVC (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
01/21/16	NM	NM	NS	<0.43	<0.39	<1	<0.67	<0.45	<0.99	<1.40
04/18/16	NM	NM	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
05/16/17	NM	NM	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
08/15/17	NM	NM	NS	<0.27	<0.56	<0.43	<1.7	<0.33	<1.14	<1.71
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Maron Property BRRTS #03-14-563925

Well MW-1

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,i) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
01/21/16	<2	<2.1	<2	<1.9	<1.9	<1.9	<2.4	<1.8	<1.7	<2.5	<1.8	<1.7	<1.8	65	121	**380**	2.1	<1.8
ENFORCE MENT STANDARD = ES – Bold			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,i) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
01/21/16	<0.02	<0.021	<0.02	<0.019	<0.019	<0.019	<0.024	<0.018	<0.017	<0.025	0.022	<0.017	<0.018	<0.018	<0.017	<0.018	<0.017	0.020
ENFORCE MENT STANDARD = ES – Bold			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,i) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
01/21/16	<0.02	<0.021	<0.02	0.028	<0.019	<0.019	<0.024	<0.018	*0.022*	<0.025	0.029	<0.017	<0.018	0.021	0.025	0.024	0.021	0.027
ENFORCE MENT STANDARD = ES – Bold			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
(PAH)
Maron Property BRRTS #03-14-563925

Well MW-4

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,i) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
01/21/16	<0.02	<0.021	0.042	0.126	*0.093*	*0.15*	0.095	0.084	*0.138*	0.043	0.14	<0.017	0.076	0.026	0.018	0.039	0.048	0.135
ENFORCE MENT STANDARD = ES – Bold			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well W9468 PW

Date	Ace-naphthene (ppb)	Acenaph-thylene (ppb)	Anthracene (ppb)	Benzo(a) anthracene (ppb)	Benzo(a) pyrene (ppb)	Benzo(b) fluoranthene (ppb)	Benzo(g,h,i) Perylene (ppb)	Benzo(k) fluoranthene (ppb)	Chrysene (ppb)	Dibenzo(a,h) anthracene (ppb)	Fluoran-thene (ppb)	Fluorene (ppb)	Indeno(1,2,3-cd) pyrene (ppb)	1-Methyl-naphthalene (ppb)	2-Methyl-naphthalene (ppb)	Naph-thalene (ppb)	Phenan-threne (ppb)	Pyrene (ppb)
01/21/16	NOT SAMPLED																	
ENFORCE MENT STANDARD = ES – Bold			**3000**	-	**0.2**	**0.2**	-	-	**0.2**	-	**400**	**400**	-	-	-	**100**	-	**250**
PREVENTIVE ACTION LIMIT = *PAL - Italics*			*600*	-	*0.02*	*0.02*	-	-	*0.02*	-	*80*	*80*	-	-	-	*10*	-	*50*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Maron Property BRRTS #03-14-563925

Well Sampling Conducted on:	01/21/16	01/21/16	01/21/16	01/21/16		
VOC's					**ENFORCE MENT STANDARD = ES – Bold**	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Well Name	**MW-1**	**MW-2**	**MW-3**	**MW-4**		
Benzene/ppb	< 44	< 0.44	< 0.44	< 0.44	**5**	*0.5*
Bromobenzene/ppb	< 48	< 0.48	< 0.48	< 0.48	==	==
Bromodichloromethane/ppb	< 46	< 0.46	< 0.46	< 0.46	**0.6**	*0.06*
Bromoform/ppb	< 46	< 0.46	< 0.46	< 0.46	**4.4**	*0.44*
tert-Butylbenzene/ppb	< 110	< 1.1	< 1.1	< 1.1	==	==
sec-Butylbenzene/ppb	< 120	< 1.2	< 1.2	< 1.2	==	==
n-Butylbenzene/ppb	< 100	< 1	< 1	< 1	==	==
Carbon Tetrachloride/ppb	< 51	< 0.51	< 0.51	< 0.51	**5**	*0.5*
Chlorobenzene/ppb	< 46	< 0.46	< 0.46	< 0.46	==	==
Chloroethane/ppb	< 65	< 0.65	< 0.65	< 0.65	**400**	*80*
Chloroform/ppb	< 43	< 0.43	< 0.43	< 0.43	**6**	*0.6*
Chloromethane/ppb	< 190	< 1.9	< 1.9	< 1.9	**30**	*3*
2-Chlorotoluene/ppb	< 40	< 0.4	< 0.4	< 0.4	==	==
4-Chlorotoluene/ppb	< 63	< 0.63	< 0.63	< 0.63	==	==
1,2-Dibromo-3-chloropropane/ppb	< 140	< 1.4	< 1.4	< 1.4	**0.2**	*0.02*
Dibromochloromethane/ppb	< 45	< 0.45	< 0.45	< 0.45	**60**	*6*
1,4-Dichlorobenzene/ppb	< 49	< 0.49	< 0.49	< 0.49	**75**	*15*
1,3-Dichlorobenzene/ppb	< 52	< 0.52	< 0.52	< 0.52	**600**	*120*
1,2-Dichlorobenzene/ppb	< 46	< 0.46	< 0.46	< 0.46	**600**	*60*
Dichlorodifluoromethane/ppb	< 87	< 0.87	< 0.87	< 0.87	**1000**	*200*
1,2-Dichloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	**5**	*0.5*
1,1-Dichloroethane/ppb	< 110	< 1.1	< 1.1	< 1.1	**850**	*85*
1,1-Dichloroethene/ppb	< 65	< 0.65	< 0.65	< 0.65	**7**	*0.7*
cis-1,2-Dichloroethene/ppb	< 45	< 0.45	< 0.45	< 0.45	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 54	< 0.54	< 0.54	< 0.54	**100**	*20*
1,2-Dichloropropane/ppb	< 43	< 0.43	< 0.43	< 0.43	**5**	*0.5*
2,2-Dichloropropane/ppb	< 310	< 3.1	< 3.1	< 3.1	==	==
1,3-Dichloropropane/ppb	< 42	< 0.42	< 0.42	< 0.42	==	==
Di-isopropyl ether/ppb	< 44	< 0.44	< 0.44	< 0.44	==	==
EDB (1,2-Dibromoethane)/ppb	< 63	< 0.63	< 0.63	< 0.63	**0.05**	*0.005*
Ethylbenzene/ppb	**1920**	< 0.71	< 0.71	< 0.71	**700**	*140*
Hexachlorobutadiene/ppb	< 220	< 2.2	< 2.2	< 2.2	==	==
Isopropylbenzene/ppb	130 "J"	< 0.82	< 0.82	< 0.82	==	==
p-Isopropyltoluene/ppb	< 110	< 1.1	< 1.1	< 1.1	==	==
Methylene chloride/ppb	< 130	< 1.3	< 1.3	< 1.3	**5**	*0.5*
Methyl tert-butyl ether (MTBE)/ppb	< 110	< 1.1	< 1.1	< 1.1	**60**	*12*
Naphthalene/ppb	**550**	< 1.6	< 1.6	< 1.6	**100**	*10*
n-Propylbenzene/ppb	460	< 0.77	< 0.77	< 0.77	==	==
1,1,2,2-Tetrachloroethane/ppb	< 52	< 0.52	< 0.52	< 0.52	**0.2**	*0.02*
1,1,1,2-Tetrachloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	**70**	*7*
Tetrachloroethene (PCE)/ppb	< 49	< 0.49	< 0.49	< 0.49	**5**	*0.5*
Toluene/ppb	**830**	< 0.44	< 0.44	< 0.44	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 170	< 1.7	< 1.7	< 1.7	**70**	*14*
1,2,3-Trichlorobenzene/ppb	< 270	< 2.7	< 2.7	< 2.7	==	==
1,1,1-Trichloroethane/ppb	< 84	< 0.84	< 0.84	< 0.84	**200**	*40*
1,1,2-Trichloroethane/ppb	< 48	< 0.48	< 0.48	< 0.48	**5**	*0.5*
Trichloroethene (TCE)/ppb	< 47	< 0.47	< 0.47	< 0.47	**5**	*0.5*
Trichlorofluoromethane/ppb	< 87	< 0.87	< 0.87	< 0.87	==	==
1,2,4-Trimethylbenzene/ppb	**3500**	< 1.6	< 1.6	< 1.6		
1,3,5-Trimethylbenzene/ppb	**1060**	< 1.5	< 1.5	< 1.5	**Total TMB's 480**	*Total TMB's 96*
Vinyl Chloride/ppb	< 17	< 0.17	< 0.17	< 0.17	**0.2**	*0.02*
m&p-Xylene/ppb	**7600**	< 2.2	< 2.2	< 2.2		
o-Xylene/ppb	**2390**	< 0.9	< 0.9	< 0.9	**Total Xylenes 2000**	*Total Xylenes 400*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.1 Groundwater Analytical Table
Maron Property BRRTS #03-14-563925

Well Sampling Conducted on:

Well Sampling Conducted on January 21, 2016

VOC's

Well Name	W9468 PW	ENFORCE MENT STANDARD = ES – Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Benzene/ppb	< 0.43	**5**	*0.5*
Bromobenzene/ppb	< 0.48	==	==
Bromodichloromethane/ppb	< 0.48	==	==
Bromoform/ppb	< 0.9	==	==
Bromomethane/ppb	< 2.6	==	==
Carbon Tetrachloride/ppb	< 0.51	==	==
Chlorobenzene/ppb	< 0.45	==	==
Chloroethane/ppb	< 0.46	==	==
Chloroform/ppb	< 0.44	==	==
Chloromethane/ppb	< 0.79	==	==
2-Chlorotoluene/ppb	< 0.39	==	==
4-Chlorotoluene/ppb	< 0.46	==	==
Dibromochloromethane/ppb	< 0.6	==	==
Dibromomethane/ppb	< 0.56	==	==
1,4-Dichlorobenzene/ppb	< 0.48	==	==
1,3-Dichlorobenzene/ppb	< 0.54	==	==
1,2-Dichlorobenzene/ppb	< 0.46	==	==
Dichlorodifluoromethane/ppb	< 0.91	==	==
1,2-Dichloroethane/ppb	< 0.48	**5**	*0.5*
1,1-Dichloroethane/ppb	< 0.98	**850**	*85*
1,1-Dichloroethene/ppb	< 0.52	==	==
cis-1,2-Dichloroethene/ppb	< 0.46	==	==
trans-1,2-Dichloroethene/ppb	< 0.49	**70**	*7*
1,2-Dichloropropane/ppb	< 0.5	==	==
2,2-Dichloropropane/ppb	< 2.1	==	==
1,3-Dichloropropane/ppb	< 0.42	==	==
trans-1,3-Dichloropropene/ppb	< 0.51	==	==
cis-1,3-Dichloropropene/ppb	< 0.44	==	==
1,1-Dichloropropene/ppb	< 0.58	==	==
Ethylbenzene/ppb	< 0.39	**700**	*140*
Hexachlorobutadiene/ppb	< 0.92	==	==
Isopropylbenzene/ppb	< 0.44	==	==
p-Isopropyltoluene/ppb	< 0.49	==	==
Methylene chloride/ppb	< 0.45	==	==
Methyl tert-butyl ether (MTBE)/ppb	< 1	**60**	*12*
Naphthalene/ppb	< 0.67	**100**	*10*
Styrene/ppb	< 0.4	==	==
1,1,2,2-Tetrachloroethane/ppb	< 0.53	==	==
1,1,1,2-Tetrachloroethane/ppb	< 0.52	==	==
Tetrachloroethene(PCE)/ppb	< 0.49	**5**	*0.5*
Toluene/ppb	< 0.45	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 0.55	==	==
1,1,1-Trichloroethane/ppb	< 0.35	==	==
1,1,2-Trichloroethane/ppb	< 0.55	==	==
Trichloroethene (TCE)/ppb	< 0.48	**5**	*0.5*
Trichlorofluoromethane/ppb	< 0.91	==	==
1,2,3-Trichloropropane/ppb	< 0.99	==	==
Trichlorotrifluoroethane/ppb	< 0.86		
1,2,4-Trimethylbenzene/ppb	< 0.52		
1,3,5-Trimethylbenzene/ppb	< 0.47	**Total TMB's 480**	*Total TMB's 96*
Vinyl Chloride/ppb	< 0.2	==	==
m&p-Xylene/ppb	< 0.85		
o-Xylene/ppb	< 0.55	**Total Xylenes 2000**	*Total Xylenes 400*

Note: Bold type indicates an ES exceedance, *italics* indicates a PAL exceedance. NS = not sampled, NM = Not Measured

Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.

= = No Exceedences

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.2. Soil Analytical Results Table
Maron Property BRRTS #03-14-563925

																DIRECT CONTACT PVOC & PAH COMBINED		
Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	Exeedance Count	Hazard Index	Cumulative Cancer Risk
GP-1	0-4	U	05/07/15	NM	NS	NS	NS	<0.32	**42**	<0.5	**11.2**	**16.5**	**147**	**50**	**246**	SEE VOC SPREAD SHEET	**2**	9.19E-01	7.3E-06
GP-1	4-8	S	05/07/15	NM	NOT SAMPLED											NS			
GP-1	8-10	S	05/07/15	NM	NOT SAMPLED											NS			
GP-2	0-4	U	05/07/15	NM	NS	NS	NS	<0.016	<0.027	<0.025	<0.087	<0.031	<0.078	<0.089	<0.029	SEE VOC SPREAD SHEET			
GP-2	4-8	S	05/07/15	NM	NOT SAMPLED											NS			
GP-2	8-10	S	05/07/15	NM	NOT SAMPLED											NS			
GP-3	0-4	U	05/07/15	NM	NS	NS	NS	<0.016	<0.027	<0.025	<0.087	<0.031	<0.078	<0.089	<0.029	SEE VOC SPREAD SHEET			
GP-3	4-8	S	05/07/15	NM	NOT SAMPLED											NS			
GP-3	8-10	S	05/07/15	NM	NOT SAMPLED											NS			
GP-4	0-4	U	05/07/15	NM	NS	NS	NS	<0.016	<0.027	<0.025	<0.087	<0.031	<0.078	<0.089	<0.029	SEE VOC SPREAD SHEET			
GP-4	4-8	S	05/07/15	NM	NOT SAMPLED											NS			
GP-4	8-10	S	05/07/15	NM	NOT SAMPLED											NS			
GP-5	0-4	U	05/07/15	NM	NS	NS	NS	<0.016	<0.027	<0.025	<0.087	<0.031	<0.078	<0.089	<0.029	SEE VOC SPREAD SHEET			
GP-5	4-8	S	05/07/15	NM	NOT SAMPLED											NS			
GP-6	0-4	U	05/07/15	NM	NS	NS	NS	<0.016	<0.027	<0.025	<0.087	<0.031	<0.078	<0.089	<0.029	SEE VOC SPREAD SHEET			
GP-6	4-8	S	05/07/15	NM	NOT SAMPLED											NS			
GP-6	8-10	S	05/07/15	NM	NOT SAMPLED											NS			
GP-7	0-4	U	05/07/15	NM	NS	NS	NS	<0.016	<0.027	<0.025	<0.087	<0.031	<0.078	<0.089	<0.029	SEE VOC SPREAD SHEET			
GP-7	4-8	S	05/07/15	NM	NOT SAMPLED											NS			
GP-7	8-12	S	05/07/15	NM	NOT SAMPLED											NS			
GP-8	0-4	U	05/07/15	NM	NS	NS	NS	<0.016	<0.027	<0.025	<0.087	<0.031	<0.078	<0.089	<0.029	SEE VOC SPREAD SHEET			
GP-8	4-8	S	05/07/15	NM	NOT SAMPLED											NS			
GP-8	8-10	S	05/07/15	NM	NOT SAMPLED											NS			
MW-1-1	3.0	U	11/30/15	450	NS	NS	NS	**7.6**	**123**	<0.5	**14.3**	**52**	**350***	**121**	**658***	NS	**6**	2.36E+00	2.6E-05
MW-1-2	6.0	S	11/30/15	500	NS	NS	NS	<0.8	**125**	<1.25	**30.3**	**50**	**380***	**125**	**651***	SEE VOC SPREADSHEET			
MW-1-3	10.5	S	11/30/15	200	NS	NS	NS	**3.4**	**49**	<0.25	**12.6**	**16.6**	**155**	**54**	**263***	NS			
MW-2-1	3.5	U	11/30/15	0	NOT SAMPLED											NS			
MW-2-2	6.5	S	11/30/15	0	NOT SAMPLED											NS			
MW-3-1	3.5	U	11/30/15	0	NOT SAMPLED											NS			
MW-3-2	8.0	S	11/30/15	0	NOT SAMPLED											NS			
MW-3-3	10.5	S	11/30/15	0	NOT SAMPLED											NS			
MW-4-1	3.5	U	11/30/15	0	NOT SAMPLED											NS			
MW-4-2	8.0	S	11/30/15	0	NOT SAMPLED											NS			
MW-4-3	11.0	S	11/30/15	0	NOT SAMPLED											NS			
HA-1	3.0	U	11/30/15	0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	**5**	1.17E-01	2.6E-05
B-1-1	3.0	U	12/01/15	0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-1-2	6.0	S	12/01/15	30	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-1-3	10.5	S	12/01/15	20	NS	NS	NS	**0.0295**	0.0169	<0.025	0.179	0.081	0.92	0.33	1.058	NS			
B-2-1	3.0	U	12/01/15	0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-2-2	6.0	S	12/01/15	0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
B-2-3	10.5	S	12/01/15	0	NS	NS	NS	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS			
HA-2			03/27/17	NM	NS	886.0	NS	NOT SAMPLED								NS			
EX-1	3.0	U	04/25/17	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS			
EX-2	3.0	U	04/25/17	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	**1**	8.70E-03	1.9E-06
EX-3	3.0	U	04/25/17	NM	NS	NS	NS	**0.036**	<0.025	<0.025	0.059	0.136	0.124	0.087	0.279	NS	0	1.80E-03	7.9E-08
EX-4	3.0	U	04/25/17	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	**1**	1.83E-02	4.00E-06
EX-5	10.0	S	04/25/17	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS			
MW-1R-1	2.5	U	05/04/17	2	NOT SAMPLED											NS			
MW-1R-2	6.0	U	05/04/17	2	NOT SAMPLED											NS			
MW-1R-3	11.0	S	05/04/17	192	NOT SAMPLED											NS			
MW-5-1	2.5	U	05/04/17	10	NOT SAMPLED											NS			
MW-5-2	6.0	S	05/04/17	5	NOT SAMPLED											NS			
MW-5-3	11.0	S	05/04/17	3	NOT SAMPLED											NS			
Groundwater RCL					**27**	-	-	**0.00512**	**1.57**	**0.027**	**0.6582**	**1.11**	**1.38**		**3.96**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**1.6**	**8.02**	**63.8**	**5.52**	**818**	**219**	**182**	**260**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					**(800)**	-	-	**(7.07)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(258)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**258***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2. Soil Analytical Results Table
(PAH)
Maron Property BRRTS #03-14-563925

Sample	Depth (feet)	Saturation U/S	Date	Acenaph-thene (ppm)	Acenaph-thylene (ppm)	Anthracene (ppm)	Benzo(a) anthracene (ppm)	Benzo(a) pyrene (ppm)	Benzo(b) fluoranthene (ppm)	Benzo(g,h,i) perylene (ppm)	Benzo(k) fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h) anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd) pyrene (ppm)	1-Methyl-naphthalene (ppm)	2-Methyl-naphthalene (ppm)	Naph-thalene (ppm)	Phenan-threne (ppm)	Pyrene (ppm)	DIRECT CONTACT PVOC & PAH COMBINED: Exeedance Count	Hazard Index	Cumulative Cancer Risk
MW-1-1	3.0	U	11/30/15	<0.1005	<0.099	0.118	0.38	**0.195**	**0.65**	0.185	0.36	**0.49**	<0.075	0.87	0.136	0.162	6.3	13.6	**14.3**	0.82	0.76	**6**	2.36E+00	2.6E-05
HA-1	3.0	U	11/30/15	0.158	0.201	0.84	**2.27**	**2.0**	**3.04**	1.37	1.07	**2.04**	**0.309**	3.9	0.281	**1.17**	0.107	0.080	0.086	2.93	3.4	**5**	1.17E-01	2.6E-05
B-1-1	3.0	U	12/01/15	<0.0201	<0.0198	<0.0171	<0.0191	<0.0143	<0.019	<0.02	<0.0174	<0.0192	<0.015	<0.0192	<0.0184	<0.0165	<0.0205	<0.0199	<0.0203	<0.0198	<0.0192			
B-2-1	3.0	U	12/01/15	<0.0201	<0.0198	<0.0171	<0.0191	<0.0143	<0.019	<0.02	<0.0174	<0.0192	<0.015	<0.0192	<0.0184	<0.0165	<0.0205	<0.0199	<0.0203	<0.0198	<0.0192			
EX-1	3.0	U	04/25/17	<0.0151	<0.0159	<0.0109	<0.0116	<0.0113	<0.013	<0.0114	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	<0.0114	<0.0203	<0.0113	<0.0153	<0.0111	<0.0153			
EX-2	3.0	U	04/25/17	<0.0151	<0.0159	0.0276	0.129	**0.15**	0.253	0.089	0.085	**0.176**	0.0209	0.261	<0.0179	0.09	<0.0203	<0.0113	<0.0153	0.086	0.225	**1**	8.70E-03	1.9E-06
EX-3	3.0	U	04/25/17	<0.0151	<0.0159	<0.0109	0.0129	<0.0113	0.0251	0.0176	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	0.0114	0.043	0.074	0.059	<0.0111	<0.0153	0	1.80E-03	7.9E-08
EX-4	3.0	U	04/25/17	<0.0151	0.05	0.094	0.248	**0.314**	0.47	0.217	0.15	**0.33**	0.048	0.57	0.036	0.205	<0.0203	0.0168	<0.0153	0.31	0.51	**1**	1.83E-02	4.00E-06
EX-5	10.0	S	04/25/17	<0.0151	<0.0159	<0.0109	0.043	0.062	0.124	0.045	0.045	0.062	0.0108	0.054	<0.0179	0.045	<0.0203	<0.0113	<0.0153	<0.0111	0.107			
Groundwater RCL				---	---	**197**	---	**0.47**	**0.4793**	---	---	**0.145**	---	**88.8**	**14.8**	---	---	---	**0.6582**	---	**54.5**			
Non-Industrial Direct Contact RCL				**3590**	---	**17900**	**1.140**	**0.1150**	**1.150**	---	**11.50**	**115**	**0.1150**	**2390**	**2390**	**1.150**	**17.6**	**239**	**5.52**	---	**1790**		**1.00E+00**	**1.00E-05**
Industrial Direct Contact RCL				**(45200)**	---	**(100000)**	**(20.8)**	**(2.11)**	**(21.1)**	---	**(211)**	**(2110)**	**(2.11)**	**(30100)**	**(30100)**	**(21.1)**	**(72.7)**	**(3010)**	**(24.1)**	---	**(22600)**			
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold &Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
(ppm) = parts per million
PAH = Polynuclear Aromatic Hydrocarbons
PID = Photoionization Detector
VOC's = Volatile Organic Compounds

NM = Not Measured
ND = No Detects

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.2. Soil Analytical Results Table
Maron Property BRRTS #03-14-563925

Sampling Conducted on:	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	05/07/15	11/30/15				
VOC's										Bold = Groundwater RCL	Underline & Bold = Non-Industrial Direct Contact RCL	(Parenthesis & Bold) = Industrial Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	GP-1-S	GP-2-S	GP-3-S	GP-4-S	GP-5-S	GP-6-2	GP-7-S	GP-8-S	MW-1-2				
Sample Depth/ft.	0-4	0-4	0-4	0-4	0-4	0-4	0-4	0-4	6				
Solids Percent	87.1	87.7	84.3	79.6	88.2	81.4	84.1	80.3	88.9				
Benzene/ppm	< 0.32	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.016	< 0.8	0.00512	1.6	(7.07)	1820*
Bromobenzene/ppm	< 0.78	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 1.95	= =	342	(679)	= =
Bromodichloromethane/ppm	< 0.3	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.015	< 0.75	0.000326	0.418	(1.83)	= =
Bromoform/ppm	< 0.46	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 0.023	< 1.15	0.00233	25.4	(113)	= =
tert-Butylbenzene/ppm	< 0.7	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 1.75	= =	183	(183)	183*
sec-Butylbenzene/ppm	1.86 "J"	< 0.036	< 0.036	< 0.036	< 0.036	< 0.036	< 0.036	< 0.036	4.6 "J"	= =	145	(145)	145*
n-Butylbenzene/ppm	8.3	< 0.086	< 0.086	< 0.086	< 0.086	< 0.086	< 0.086	< 0.086	25.9	= =	108	(108)	108*
Carbon Tetrachloride/ppm	< 0.42	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 1.05	0.00388	0.916	(4.03)	= =
Chlorobenzene/ppm	< 0.78	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 1.95	= =	370	(761)	761*
Chloroethane/ppm	< 0.9	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 0.045	< 2.25	0.227	= =	= =	= =
Chloroform/ppm	< 0.52	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 0.026	< 1.3	0.0033	0.454	(1.98)	= =
Chloromethane/ppm	< 5	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 12.5	0.0155	159	(669)	= =
2-Chlorotoluene/ppm	< 0.58	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 1.45	= =	= =	= =	= =
4-Chlorotoluene/ppm	< 0.64	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 0.032	< 1.6	= =	= =	= =	= =
1,2-Dibromo-3-chloropropane/ppm	< 1.56	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 3.9	0.000173	0.008	(0.092)	= =
Dibromochloromethane/ppm	< 0.62	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 1.55	0.032	8.28	(38.9)	= =
1,4-Dichlorobenzene/ppm	< 0.6	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 1.5	0.144	3.74	(16.4)	= =
1,3-Dichlorobenzene/ppm	< 0.6	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 1.5	1.1528	297	(193)	297*
1,2-Dichlorobenzene/ppm	< 0.78	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 0.039	< 1.95	1.168	376	(376)	376*
Dichlorodifluoromethane/ppm	< 0.86	< 0.043	< 0.043	< 0.043	< 0.043	< 0.043	< 0.043	< 0.043	< 2.15	3.0863	126	(530)	= =
1,2-Dichloroethane/ppm	< 0.6	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 0.03	< 1.5	0.00284	0.652	(2.87)	540*
1,1-Dichloroethane/ppm	< 0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 1.25	0.4834	5.06	(22.2)	= =
1,1-Dichloroethene/ppm	< 0.58	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 1.45	0.00502	320	(1190)	1190*
cis-1,2-Dichloroethene/ppm	< 0.42	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 0.021	< 1.05	0.0412	156	(2340)	= =
trans-1,2-Dichloroethene/ppm	< 0.48	< 0.024	< 0.024	< 0.024	< 0.024	< 0.024	< 0.024	< 0.024	< 1.2	0.626	1560	(1850)	= =
1,2-Dichloropropane/ppm	< 0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 1.25	0.00332	0.406	(1.78)	= =
2,2-Dichloropropane/ppm	< 2	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1	< 5	= =	527	(527)	527*
1,3-Dichloropropane/ppm	< 0.62	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 1.55	= =	1490	(1490)	1490*
Di-isopropyl ether/ppm	< 0.24	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.6	= =	2260	(2260)	2260*
EDB (1,2-Dibromoethane)/ppm	< 0.7	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 1.75	0.0000282	0.05	(0.221)	= =
Ethylbenzene/ppm	42	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	< 0.027	125	1.57	8.02	(35.4)	480*
Hexachlorobutadiene/ppm	< 2.2	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 0.11	< 5.5	= =	1.63	(7.19)	= =
Isopropylbenzene/ppm	5.4	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	< 0.037	12.7	= =	= =	= =	= =
p-Isopropyltoluene/ppm	< 1.12	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 0.056	< 2.8	= =	162	(162)	162*
Methylene chloride/ppm	< 4.4	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 11	0.00256	61.8	(1150)	= =
Methyl tert-butyl ether (MTBE)/ppm	< 0.5	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 0.025	< 1.25	0.027	63.8	(282)	8870*
Naphthalene/ppm	11.2	< 0.087	< 0.087	< 0.087	< 0.087	< 0.087	< 0.087	< 0.087	30.3	0.6582	5.52	(24.1)	= =
n-Propylbenzene/ppm	24.4	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	< 0.035	66	= =	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	< 0.26	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.65	0.000156	0.81	(3.6)	= =
1,1,1,2-Tetrachloroethane/ppm	< 0.58	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 1.45	0.0534	2.78	(12.3)	= =
Tetrachloroethene (PCE)/ppm	< 1.08	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 0.054	< 2.7	0.00454	33	(145)	= =
Toluene/ppm	16.5	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	< 0.031	50	1.11	818	(818)	818*
1,2,4-Trichlorobenzene/ppm	< 1.7	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 0.085	< 4.25	0.408	24	(113)	= =
1,2,3-Trichlorobenzene/ppm	< 2.4	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 0.12	< 6	= =	62.6	(934)	= =
1,1,1-Trichloroethane/ppm	< 0.8	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 0.04	< 2	0.1402	= =	= =	= =
1,1,2-Trichloroethane/ppm	< 0.66	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 0.033	< 1.65	0.00324	1.59	(7.01)	= =
Trichloroethene (TCE)/ppm	< 0.84	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 0.042	< 2.1	0.00358	1.3	(8.41)	= =
Trichlorofluoromethane/ppm	< 1.2	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 0.06	< 3	2.2387	1230	(1230)	1230*
1,2,4-Trimethylbenzene/ppm	147	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	< 0.078	380*	1.38	219	(219)	219*
1,3,5-Trimethylbenzene/ppm	50	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	< 0.089	125		182	(182)	182*
Vinyl Chloride/ppm	< 0.2	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01	< 0.5	0.000138	0.07	(2.08)	= =
m&p-Xylene/ppm	183	< 0.07	< 0.07	< 0.07	< 0.07	< 0.07	< 0.07	< 0.07	480*	3.96	260	(260)	258*
o-Xylene/ppm	63	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	< 0.029	171*				

NS = not sampled, NM = Not Measured
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
= = No Exceedences
"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

A.3. Residual Soil Contamination Table
Maron Property BRRTS #03-14-563925

																	DIRECT CONTACT PVOC & PAH COMBINED		
Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	DRO (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	Other VOC's (ppb)	Exeedance Count	Hazard Index	Cumulative Cancer Risk
B-1-3	10.5	S	12/01/15	20	NS	NS	NS	**0.0295**	0.0169	<0.025	0.179	0.081	0.92	0.33	1.058	NS			
EX-2	3.0	U	04/25/17	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	**1**	8.70E-03	1.9E-06
EX-3	3.0	U	04/25/17	NM	NS	NS	NS	**0.036**	<0.025	<0.025	0.059	0.136	0.124	0.087	0.279	NS	0	1.80E-03	7.9E-08
EX-4	3.0	U	04/25/17	NM	NS	NS	NS	<0.025	<0.025	<0.025	<0.0153	<0.025	<0.025	<0.025	<0.075	NS	**1**	1.83E-02	4.00E-06
Groundwater RCL					**27**	-	-	**0.00512**	**1.57**	**0.027**	**0.6582**	**1.11**	**1.38**		**3.96**	-			
Non-Industrial Direct Contact RCL					**400**	-	-	**1.6**	**8.02**	**63.8**	**5.52**	**818**	**219**	**182**	**260**	-		1.00E+00	1.00E-05
Industrial Direct Contact RCL					**(800)**	-	-	**(7.07)**	**(35.4)**	**(282)**	**(24.1)**	**(818)**	**(219)**	**(182)**	**(258)**	-		1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**258***	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
NM = Not Measured
(ppm) = parts per million
ND = No Detects
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds
VOC's = Volatile Organic Compounds
Note: Non-Industrial RCLs apply to this site.

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.3. Residual Soil Contamination Table
(PAH)
Maron Property BRRTS #03-14-563925

Sample	Depth (feet)	Saturation U/S	Date	Acenaph-thene (ppm)	Acenaph-thylene (ppm)	Anthracene (ppm)	Benzo(a) anthracene (ppm)	Benzo(a) pyrene (ppm)	Benzo(b) fluoranthene (ppm)	Benzo(g,h,I) perylene (ppm)	Benzo(k) fluoranthene (ppm)	Chrysene (ppm)	Dibenzo(a,h) anthracene (ppm)	Fluoranthene (ppm)	Fluorene (ppm)	Indeno(1,2,3-cd) pyrene (ppm)	1-Methyl-naphthalene (ppm)	2-Methyl-naphthalene (ppm)	Naph-thalene (ppm)	Phenan-threne (ppm)	Pyrene (ppm)	DIRECT CONTACT PVOC & PAH COMBINED		
																						Exeedance Count	Hazard Index	Cumulative Cancer Risk
EX-2	3.0	U	04/25/17	<0.0151	<0.0159	0.0276	0.129	**0.15**	0.253	0.089	0.085	**0.176**	0.0209	0.261	<0.0179	0.09	<0.0203	<0.0113	<0.0153	0.086	0.225	1	8.70E-03	1.9E-06
EX-3	3.0	U	04/25/17	<0.0151	<0.0159	<0.0109	0.0129	<0.0113	0.0251	0.0176	<0.0147	<0.0121	<0.0078	<0.0147	<0.0179	0.0114	0.043	0.074	0.059	<0.0111	<0.0153	0	1.80E-03	7.9E-08
EX-4	3.0	U	04/25/17	<0.0151	0.05	0.094	0.248	**0.314**	0.47	0.217	0.15	**0.33**	0.048	0.57	0.036	0.205	<0.0203	0.0168	<0.0153	0.31	0.51	1	1.83E-02	4.00E-06
Groundwater RCL				---	---	**197**	---	**0.47**	**0.4793**	---	---	**0.145**	---	**88.8**	**14.8**	---	---	---	**0.6582**	---	**54.5**			
Non-Industrial Direct Contact RCL				**3590**	---	**17900**	**1.140**	**0.1150**	**1.150**	---	**11.50**	**115**	**0.1150**	**2390**	**2390**	**1.150**	**17.6**	**239**	**5.52**	---	**1790**		***1.00E+00***	***1.00E-05***
Industrial Direct Contact RCL				**(45200)**	---	**(100000)**	**(20.8)**	**(2.11)**	**(21.1)**	---	**(211)**	**(2110)**	**(2.11)**	**(30100)**	**(30100)**	**(21.1)**	**(72.7)**	**(3010)**	**(24.1)**	---	**(22600)**			
Soil Saturation Concentration (C-sat)*				---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
(Bold & Parentheses) = Industrial Direct Contact RCL Exceedance
Bold &Asteric * = C-sat Exceedance
Italics = Industrial Direct Contact RCL
NS = Not Sampled
(ppm) = parts per million
PAH = Polynuclear Aromatic Hydrocarbons
PID = Photoionization Detector
VOC's = Volatile Organic Compounds

NM = Not Measured
ND = No Detects

U=UNSATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)
S=SATURATED (BASED ON ALL TIME LOW WATER TABLE PER WDNR)

A.4 Vapor Analytical Table
Sub-Slab Sampling Data Table for Maron Property
BY METCO

Sub-Slab Sampling conducted on May 16, 2017

Sample ID	SS-1	SS-2	SS-3	WDNR Small Commercial Sub-Slab Vapor Action Levels for Various VOCs Quick Look-Up Table Updated June, 2017 (ug/m^3)	
Benzene – ug/m^3	3.8	4.4	2.8	530	c
Carbon Tetrachloride – ug/m^3	NS	NS	NS	670	c
Chloroform – ug/m^3	NS	NS	NS	180	c
Chloromethane – ug/m^3	NS	NS	NS	13000	n
Dichlorodifluoromethane – ug/m^3	NS	NS	NS	15000	n
1,1-Dichloroethane (1,1-DCA) – ug/m^3	NS	NS	NS	2600	c
1,2-Dichloroethane (1,2-DCA) - ug/m^3	NS	NS	NS	160	c
1,1-Dichloroethylene (1,1-DCE) – ug/m^3	NS	NS	NS	29000	n
1,2-Dichloroethylene (cis and trans) - ug/m^3	NS	NS	NS	NA	n
Ethylbenzene – ug/m^3	74	3.4	7.9	1600	c
Methylene chloride – ug/m^3	NS	NS	NS	87000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m^3	<0.16	<0.079	<0.079	16000	c
Naphthalene – ug/m^3	0.67	1.0J	1.4J	120	c
Tetrachloroethylene -ug/m^3	NS	NS	NS	6000	n
Toluene – ug/m^3	13	14	11	730000	n
1,1,1-Trichloroethane – ug/m^3	NS	NS	NS	730000	n
Trichloroethylene – ug/m^3	NS	NS	NS	290	n
Trichlorofluoromethane (Halcarbon 11) – ug/m^3	NS	NS	NS	NA	n
Trimethylbenzene (1,2,4) – ug/m^3	2.6	2.1	6.5	8700	n
Trimethlybenzene (1,3,5) – ug/m^3	0.72	0.64J	1.8	8700	n
Vinyl chloride – ug/m^3	NS	NS	NS	930	c
Xylene (total) -ug/m^3	320	10	26	15000	n

ug/m^3 = Micrograms per cubic meter.
< = Less than the reporting limit indicated in parentheses.
Bold = Sub-Slab Standard Exceedance
c = Carcinogen
n = Non-Carcinogen
J = between Limit of Detection (LOD) and Limit of Quantitaion (LOQ)
*** Please note that other VOCs were detected that are not on the WDNR Sub-Slab Vapor Action Levels Quick Look-Up Table.**
B = Compound was found in th blank and sample
E = Result exceeded calibration range
NS = Not Sampled

A.6 Water Level Elevations
Maron Property BRRTS #03-14-563925
Beaver Dam, Wisconsin

	MW-1	MW-1R	MW-2	MW-3	MW-4	MW-5
Ground Surface (feet msl)	882.00	882.04	881.77	880.02	879.64	880.93
PVC top (feet msl)	884.27	NI	881.44	879.52	879.08	NI
Re-surveyed 5-16-17 PVC top (feet msl)		881.46		879.29	878.89	880.61
Well Depth (feet)	13.00	13.00	14.00	13.00	13.00	13.00
Top of screen (feet msl)	879.00	879.04	877.77	877.02	876.64	877.93
Bottom of screen (feet msl)	869.00	869.04	867.77	867.02	866.64	867.93
Depth to Water From Top of PVC (feet)						
01/21/16	7.80	NI	3.84	3.43	3.02	NI
04/18/16	6.57	NI	2.75	2.24	2.08	NI
05/16/17	A	3.36	2.51	1.60	1.69	2.40
08/15/17	A	6.14	5.13	4.84	4.59	5.54
Depth to Water From Ground Surface (feet)						
01/21/16	5.53	NI	4.17	3.93	3.58	NI
04/18/16	4.30	NI	3.08	2.74	2.64	NI
05/16/17	A	3.94	2.84	2.33	2.44	2.72
08/15/17	A	6.72	5.46	5.57	5.34	5.86
Groundwater Elevation (feet msl)						
01/21/16	876.47	NI	877.60	876.09	876.06	NI
04/18/16	877.70	NI	878.69	877.28	877.00	NI
05/16/17	A	878.10	878.93	877.69	877.20	878.21
08/15/17	A	875.32	876.31	874.45	874.30	875.07

CNL = Could Not Locate
A = Abandoned and removed during soil excavation project
NI = Not Installed

A.7 Other
Groundwater NA Indicator Results
Maron Property BRRTS #03-14-563925

Well MW-1/1R

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/21/16	2.26	7.13	155	6.7	769	<0.13	18.9	0.60	*70.0*
04/18/16	2.57	7.24	128	10.0	510	NS	NS	NS	NS
05/16/17	2.37	7.03	101	12.9	847	NS	NS	NS	NS
08/15/17	2.04	7.47	147	17.4	728	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/21/16	2.23	7.04	224	6.1	1351	0.434	158	0.04	*79.6*
04/18/16	2.81	7.03	109	10.3	814	NS	NS	NS	NS
05/16/17	6.32	6.87	293	13.1	1516	NS	NS	NS	NS
08/15/17	6.53	7.13	227	17.3	1844	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/21/16	2.88	7.05	224	5.4	883	1.19	30.8	0.03	32.5
04/18/16	3.56	6.97	203	10.0	618	NS	NS	NS	NS
05/16/17	3.17	7.12	216	13.6	1819	NS	NS	NS	NS
08/15/17	3.41	7.07	239	16.8	835	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

Well MW-4

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
01/21/16	5.11	7.52	227	3.2	486	0.318	31.2	0.07	29.3
04/18/16	3.07	7.11	211	10.1	305	NS	NS	NS	NS
05/16/17	2.99	6.93	268	13.2	510	NS	NS	NS	NS
08/15/17	4.96	6.94	214	16.6	1257	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

A.7 Other
Groundwater NA Indicator Results
Maron Property BRRTS #03-14-563925

Well MW-5

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
05/16/17	4.69	6.52	257	13.3	1073	NS	NS	NS	NS
08/15/17	5.58	6.77	187	17.1	664	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured ORP = Oxidation Reduction Potential
Note: Elevations are presented in feet mean sea level (msl).

A.7 Slug Test Calculations
Maron Property BRRTS #03-14-563925

MW-1

	ft/s	cm/s	m/yr
K	1.67E-05	5.09E-04	160.52
	sq ft/s	**sq cm/s**	
T	1.16E-04	1.08E-01	

MW-2

	ft/s	cm/s	m/yr
K	6.72E-06	2.05E-04	64.59
	sq ft/s	**sq cm/s**	
T	7.22E-05	6.71E-02	

MW-4

	ft/s	cm/s	m/yr
K	4.72E-06	1.44E-04	45.37
	sq ft/s	**sq cm/s**	
T	5.39E-05	5.01E-02	

Date	Elv. (High)	Elv. (Low)	Distance (ft)	Hyd Grad (I)
1/21/16	877.50	876.25	133	0.0093985
4/18/16	878.50	877.25	126	0.0099206
5/16/17	878.75	877.25	107	0.0140187
8/15/17	876.25	874.50	107	0.0163551
Average				0.0124232

	K (m/yr)	I	n	Flow Velocity (m/yr)
MW-1	160.52	0.0124232	0.3	6.64740
MW-2	64.59380122	0.0124232	0.3	2.67488
MW-4	45.36945562	0.0124232	0.3	1.87879

Attachment B/Maps and Figures

B.1 Location Maps

B.1.a Location Map

B.1.b Detailed Site Map

B.1.c RR Sites Map

B.2 Soil Figures

B.2.a Soil Contamination

B.2.b Residual Soil Contamination

B.3 Groundwater Figures

B.3.a Geologic Cross-Section Figure(s)

B.3.b Groundwater Isoconcentration

B.3.c Groundwater Flow Direction

B.3.d Monitoring Wells

B.4 Vapor Maps and Other Media

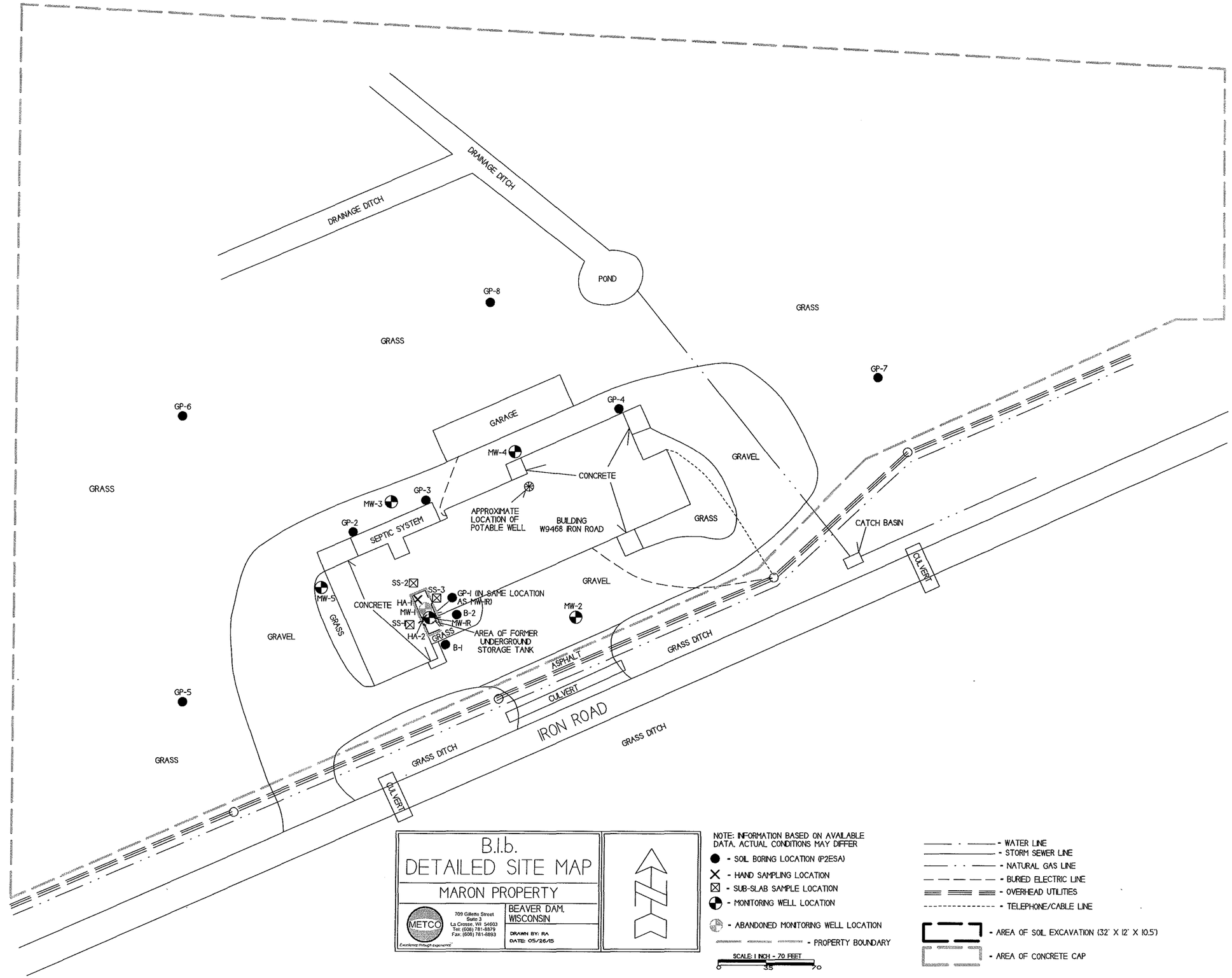
B.4.a Vapor Intrusion Map

B.4.b Other media of concern (e.g., sediment or surface water) – No surface waters or sediments were sampled as part of this site investigation.

B.4.c Other – No other relevant maps and/or figures are being included.

B.5 Structural Impediment Photos – No structural impediments interfered with the investigation, therefore no photos are being included.

B.1.a LOCATION MAP CONTOUR INTERVAL 10 FEET
MARON PROPERTY – BEAVER DAM, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM



B.I.b.
DETAILED SITE MAP
MARON PROPERTY

METCO
709 Gillette Street
Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

BEAVER DAM, WISCONSIN

DRAWN BY: RA
DATE: 05/26/15

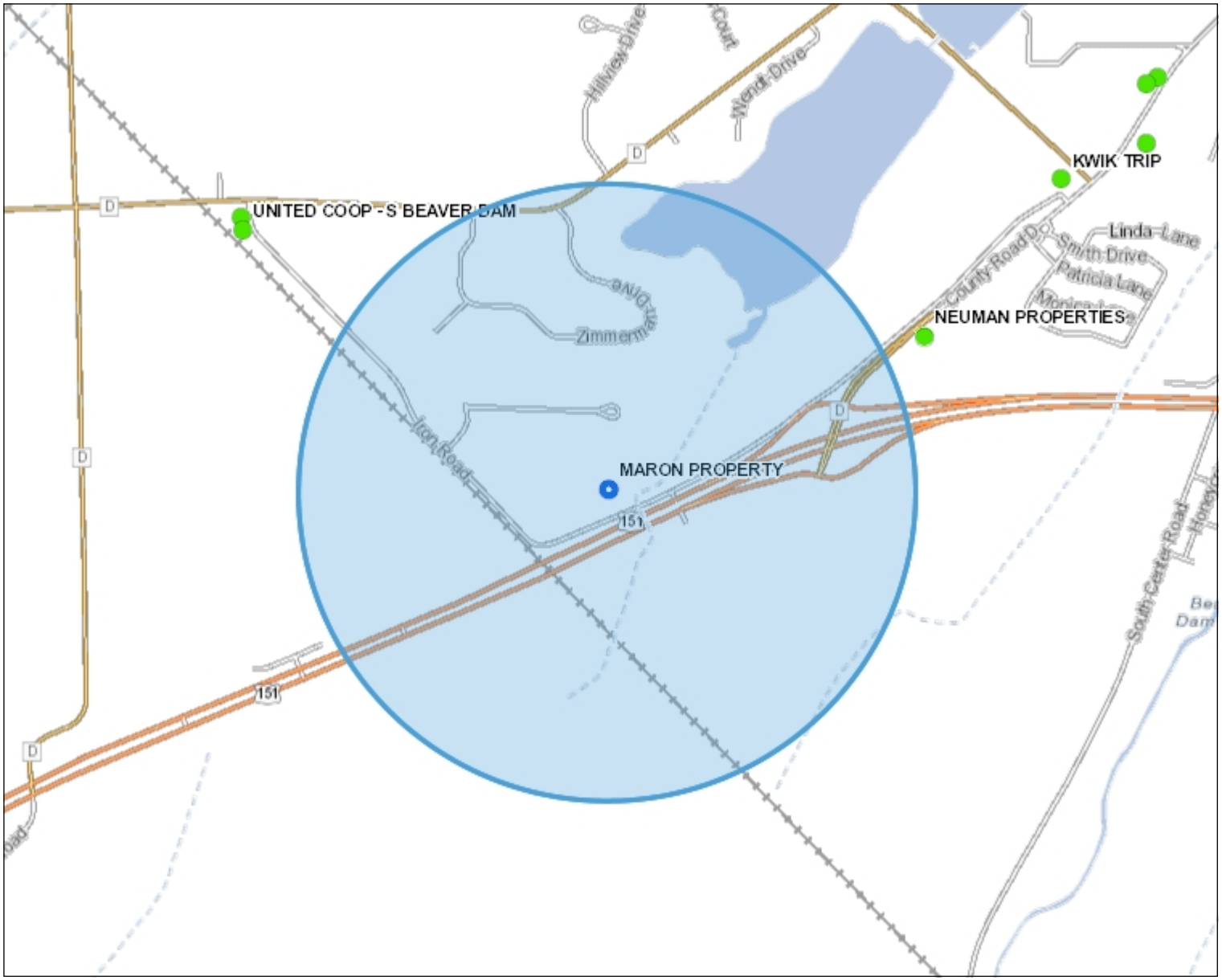
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- ● - SOIL BORING LOCATION (P2ESA)
- ✕ - HAND SAMPLING LOCATION
- ⊠ - SUB-SLAB SAMPLE LOCATION
- ◓ - MONITORING WELL LOCATION
- ◌ - ABANDONED MONITORING WELL LOCATION
- ——— - PROPERTY BOUNDARY

SCALE: 1 INCH = 70 FEET
0 35 70

- ——— · ——— - WATER LINE
- ——— - STORM SEWER LINE
- ——— · · ——— - NATURAL GAS LINE
- — — — — - BURIED ELECTRIC LINE
- ═══ ═══ ═══ - OVERHEAD UTILITIES
- ---------- - TELEPHONE/CABLE LINE
- ▭ - AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- ▭ - AREA OF CONCRETE CAP

B.1.c RR Sites Map



Legend

- Open Site (ongoing cleanup)
- Closed Site (completed cleanup)
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads
  - County HWY
  - Local Road
- Railroads
- Tribal Lands

Notes

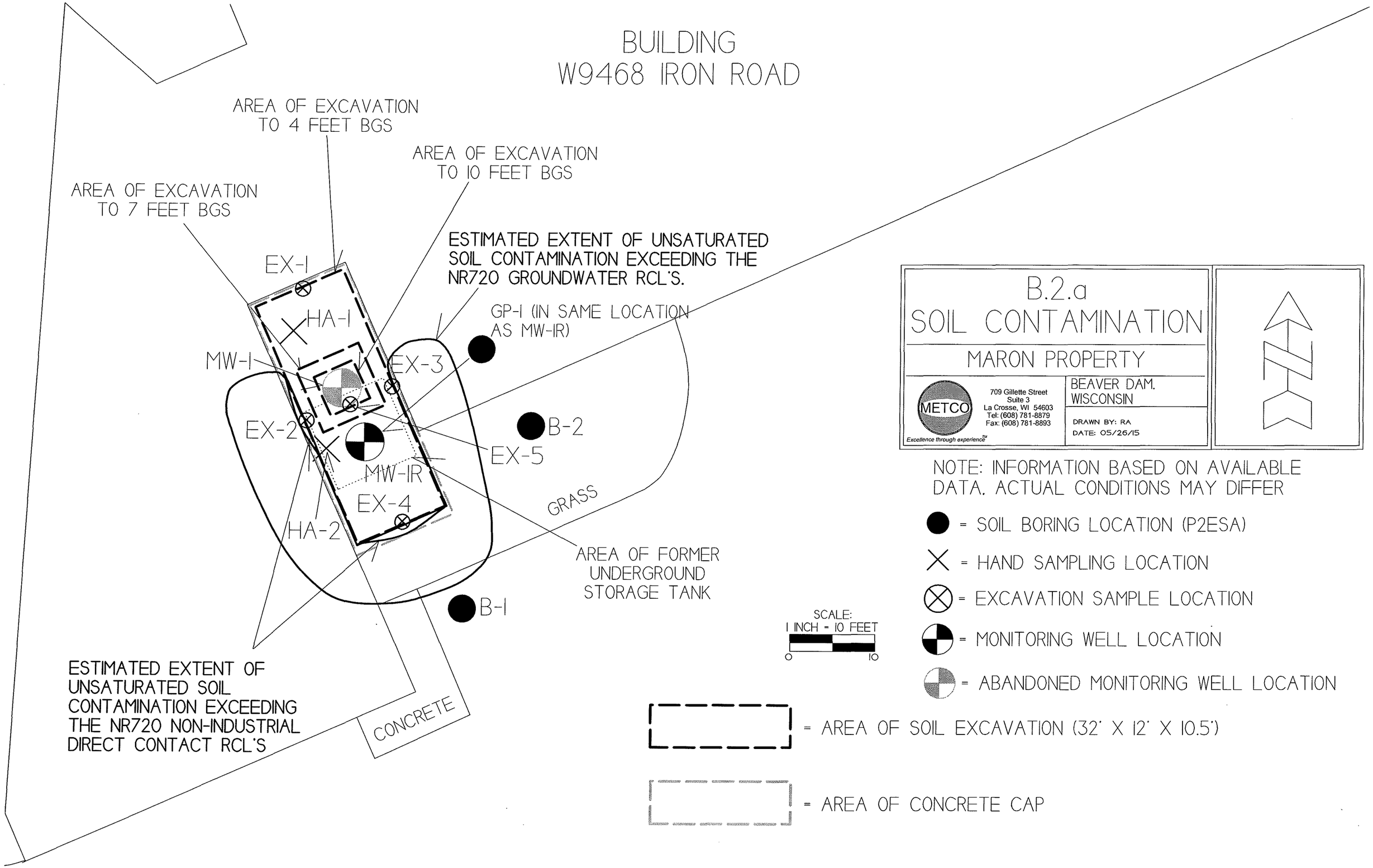
0.5 0 0.25 0.5 Miles

NAD_1983_HARN_Wisconsin_TM

1: 15,840

DISCLAIMER: The information shown on these maps has been obtained from various sources, and are of varying age, reliability and resolution. These maps are not intended to be used for navigation, nor are these maps an authoritative source of information about legal land ownership or public access. No warranty, expressed or implied, is made aregarding accuracy, applicability for a particular use, completemenss, or legality of the information depicted on this map. For more information, see the DNR Legal Notices web page: http://dnr.wi.gov/org/legal/

Note: Not all sites are mapped.



B.2.a
SOIL CONTAMINATION
MARON PROPERTY

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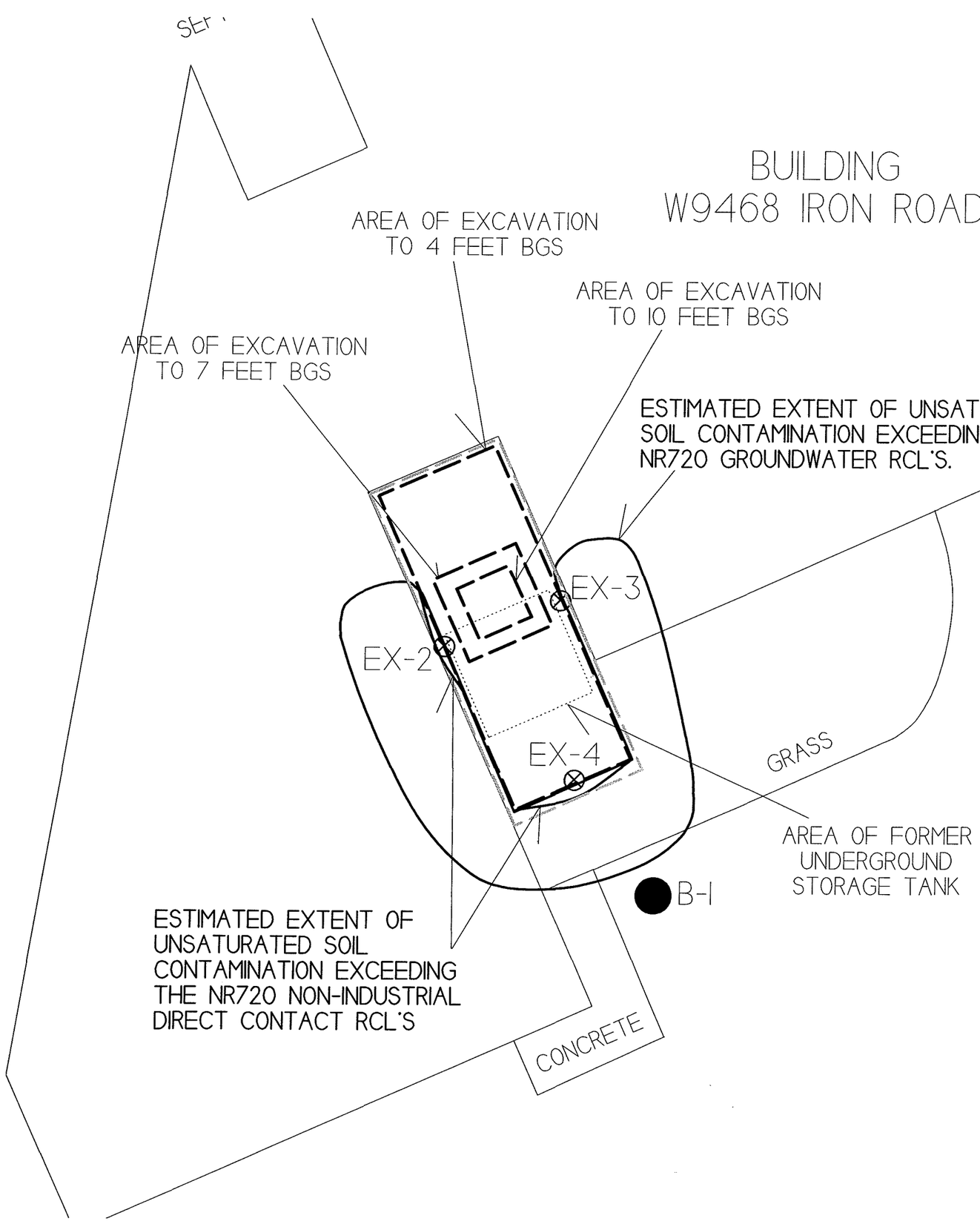
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience™

BEAVER DAM.
WISCONSIN

DRAWN BY: RA
DATE: 05/26/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING LOCATION (P2ESA)
- = HAND SAMPLING LOCATION
- = EXCAVATION SAMPLE LOCATION
- = MONITORING WELL LOCATION
- = ABANDONED MONITORING WELL LOCATION
- = AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- = AREA OF CONCRETE CAP



B.2.b RESIDUAL SOIL CONTAMINATION

MARON PROPERTY

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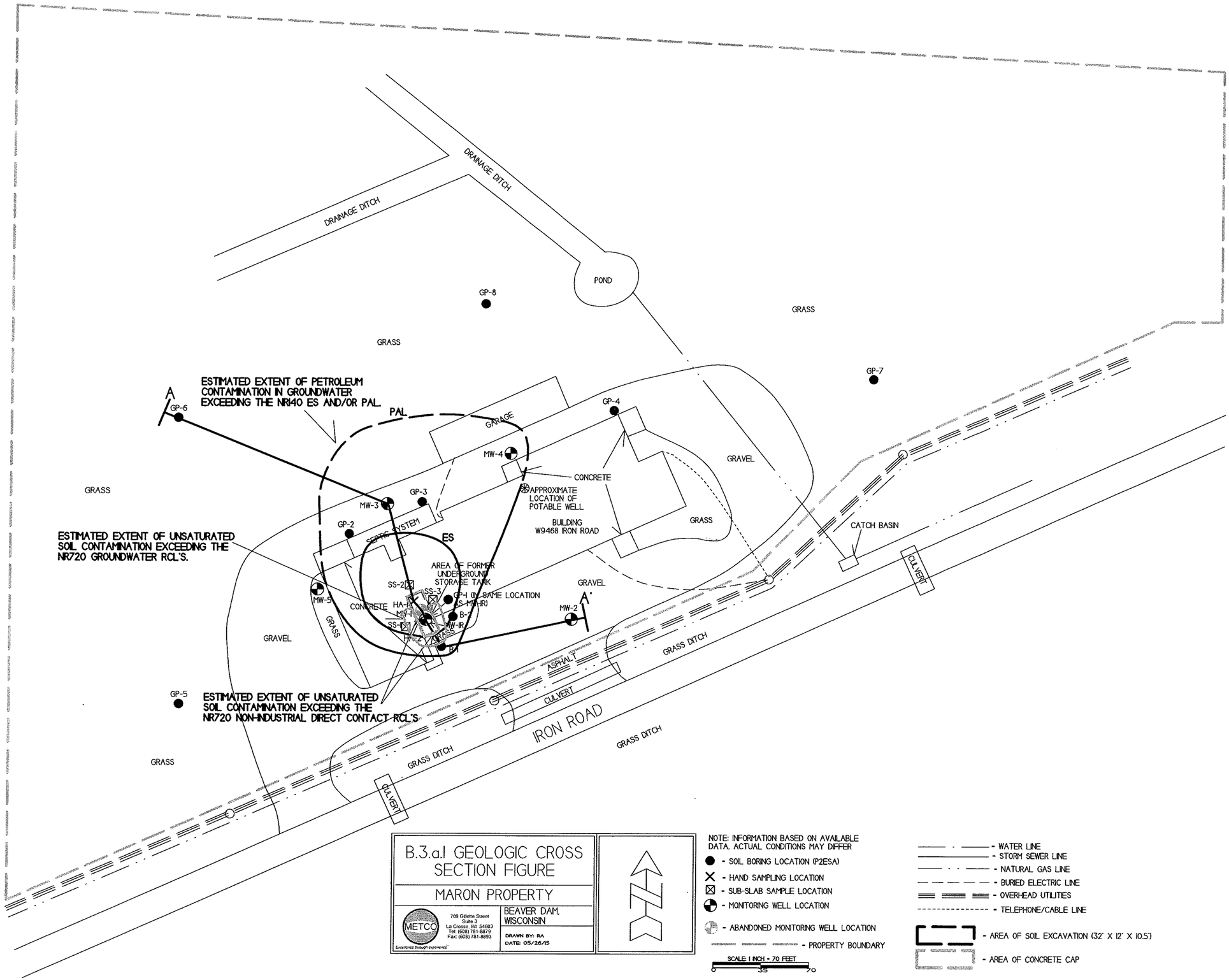
BEAVER DAM.
WISCONSIN

DRAWN BY: RA
DATE: 05/26/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING LOCATION (P2ESA)
- = HAND SAMPLING LOCATION
- = EXCAVATION SAMPLE LOCATION
- = MONITORING WELL LOCATION
- = ABANDONED MONITORING WELL LOCATION
- = AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- = AREA OF CONCRETE CAP

SCALE:
1 INCH = 10 FEET
0 10



B.3.a.1 GEOLOGIC CROSS SECTION FIGURE

MARON PROPERTY

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BEAVER DAM, WISCONSIN

DRAWN BY: RA
DATE: 05/28/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- SOIL BORING LOCATION (P2ESA)
- HAND SAMPLING LOCATION
- SUB-SLAB SAMPLE LOCATION
- MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- PROPERTY BOUNDARY

SCALE: 1 INCH = 70 FEET

- WATER LINE
- STORM SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- AREA OF CONCRETE CAP

B.3.a.2 GEOLOGIC CROSS SECTION FIGURE (CLOSE UP)

MARON PROPERTY

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Excellence through experience℠

BEAVER DAM, WISCONSIN

DRAWN BY: RA
DATE: 05/26/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 25 FEET
0 25

- = SOIL BORING LOCATION (P2ESA)
- = HAND SAMPLING LOCATION
- = SUB-SLAB SAMPLE LOCATION
- = MONITORING WELL LOCATION
- = ABANDONED MONITORING WELL LOCATION
- = EXCAVATION SAMPLE LOCATION

- = PROPERTY BOUNDARY
- = WATER LINE
- = STORM SEWER LINE
- = NATURAL GAS LINE
- = BURIED ELECTRIC LINE
- = OVERHEAD UTILITIES
- = TELEPHONE/CABLE LINE

- = AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- = AREA OF CONCRETE CAP

A

GP-6

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL.

PAL

ES

GARAGE

GP-4

MW-4

CONCRETE

APPROXIMATE LOCATION OF POTABLE WELL

GP-3

MW-3

GP-2

SEPTIC SYSTEM

BUILDING
W9468 IRON ROAD

CONCRETE

CONCRETE

AREA OF EXCAVATION TO 4 FEET BGS

AREA OF EXCAVATION TO 7 FEET BGS

AREA OF FORMER UNDERGROUND STORAGE TANK

SS-2

EX-1

SS-3

GP-1 (IN SAME LOCATION AS MW-1R)

HA-1

MW-1

EX-3

EX-2

EX-5

B-2

AREA OF EXCAVATION TO 10 FEET BGS

SS-1

EX-4

MW-1R

HA-2

GRASS

GRAVEL

MW-5

GRASS

GRAVEL

A'

MW-2

B-1

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 GROUNDWATER RCL'S.

CONCRETE

ESTIMATED EXTENT OF UNSATURATED SOIL CONTAMINATION EXCEEDING THE NR720 NON-INDUSTRIAL DIRECT CONTACT RCL'S

ASPHALT

CULVERT

IRON ROAD

GRASS DITCH

B.3.a.3 GEOLOGIC CROSS-SECTION FIGURE

MARON PROPERTY

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Suite 3
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Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

BEAVER DAM, WISCONSIN

DRAWN BY: MM
DATE: 6/6/2018

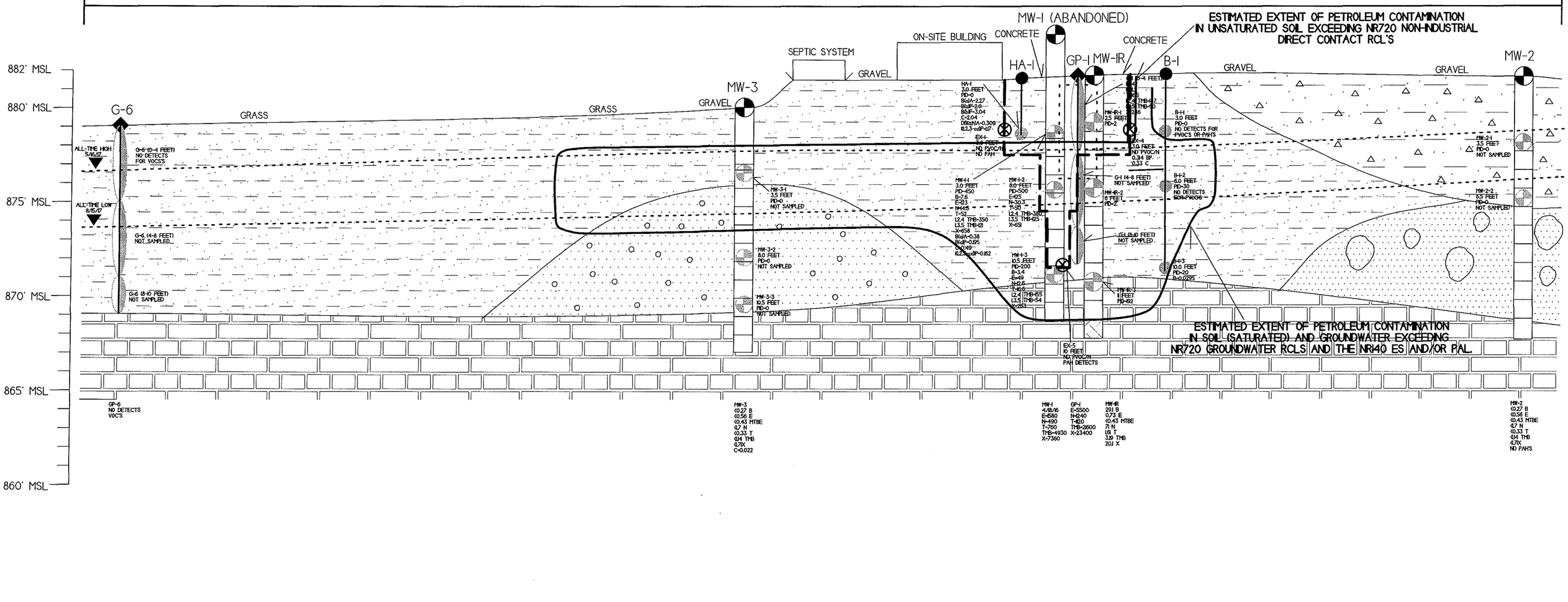
VERTICAL SCALE: 1 INCH = 5 FEET

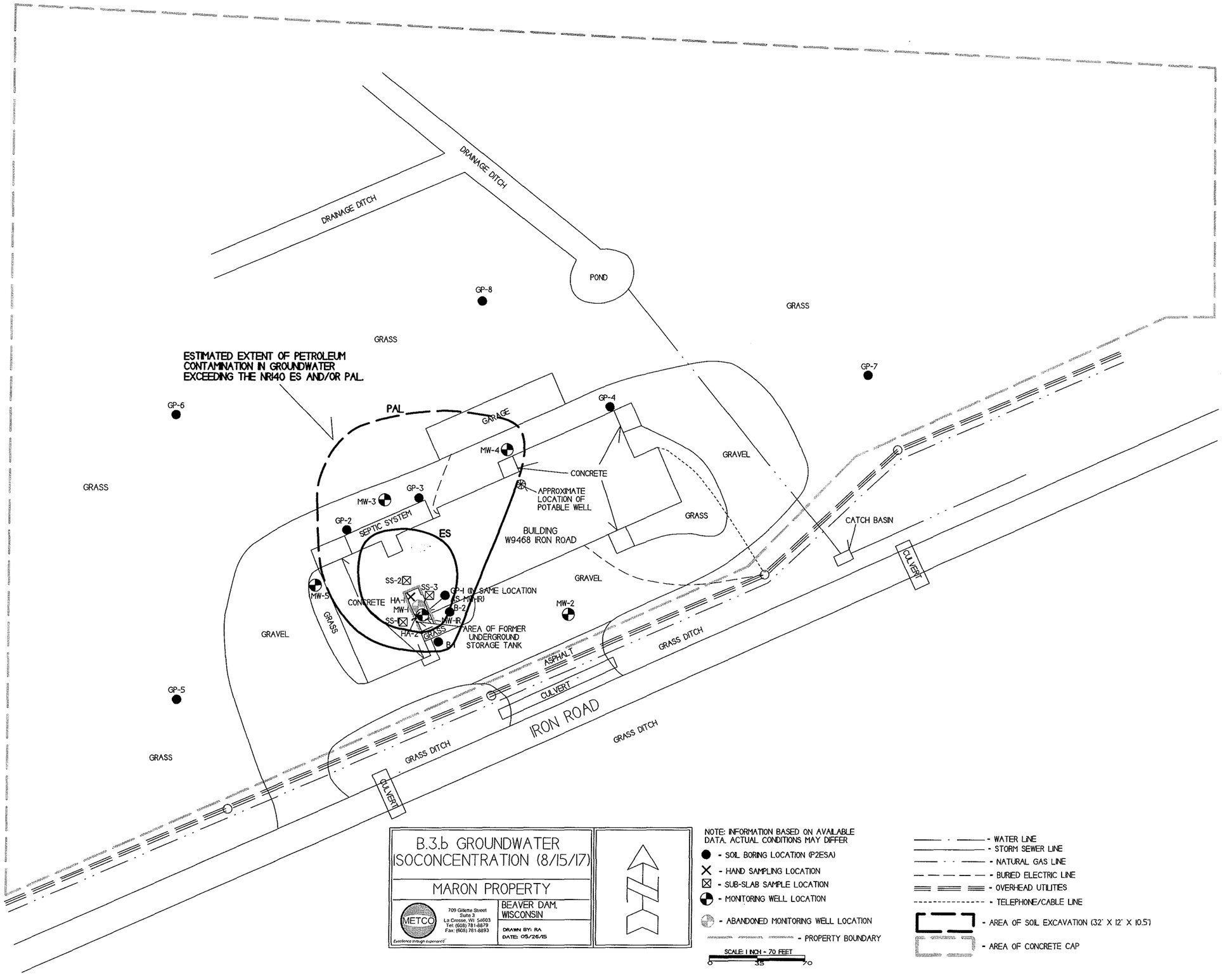
HORIZONTAL SCALE: 1 INCH = 25 FEET

- GEOPROBE BORING LOCATION (P2ESA)
- SOIL BORING LOCATION
- MONITORING WELL LOCATION
- GEOPROBE BORING SAMPLING INTERVAL
- SOIL BORING SAMPLING LOCATION
- MONITORING WELL SAMPLING LOCATION
- WATERTABLE (BASED ON ALL-TIME LOW AND ALL-TIME HIGHMEASUREMENTS)
- FORMER 1,000-GALLON DIESEL UST
- TAN TO BROWN TO GRAY SANDY SILT/CLAY.
- TAN FINE TO MEDIUM GRAINED SILTY SAND WITH GRAVEL.
- EXCAVATION SAMPLE LOCATION
- AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- TAN TO GRAY FINE TO MEDIUM GRAINED SAND WITH GRAVEL.
- GRAY DOLOMITE (BEDROCK).
- TILL WITH COBBLES AND BOULDERS.

NOTES:
- INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- SOIL SAMPLE RESULTS ARE PRESENTED IN PARTS PER MILLION (PPM)
- GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB)
- ONLY SOIL EXCEEDANCES HAVE BEEN DOCUMENTED ON THE MAP. SEE DATA TABLES AND/OR LABORATORY REPORTS FOR ALL SOIL RESULTS
- SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE:
  GEOPROBE PROJECT - (5/7/2015)
  DRILLING PROJECT - (11/30/2015 & 5/4/2017)
  ROUND 4 GROUNDWATER SAMPLING - (8/15/2017)

ND - NO DETECTS
PID-PHOTOIONIZATION DETECTOR
PVOC-PETROLEUM VOLATILE ORGANIC COMPOUNDS
PAH-POLYCYCLIC AROMATIC HYDROCARBON
B-BENZENE
E-ETHYLBENZENE
N-NAPHTHALENE
T-TOLUENE
1,2,4-TMB-1,2,4-TRIMETHYLBENZENE
1,3,5-TMB-1,3,5-TRIMETHYLBENZENE
TMB-TRIMETHYLBENZENE
X-XYLENE
B(a)A-BENZO(a)ANTHRACENE
B(a)P-BENZO(a)PYRENE
B(f)F-BENZO(b)FLURANTHENE
C-CHRYSENE
DB(a,h)A-DIBENZO(a,h)ANTHRACENE
I(1,2,3-cd)P-INDENO(1,2,3-cd)PYRENE




DRAINAGE DITCH
DRAINAGE DITCH
POND
GP-8
GRASS
GRASS
ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL.
PAL
GP-6
GP-7
GP-4
GARAGE
MW-4
CONCRETE
APPROXIMATE LOCATION OF POTABLE WELL
GRAVEL
GRASS
MW-3
GP-3
GP-2
SEPTIC SYSTEM
ES
BUILDING W9468 IRON ROAD
GRASS
CATCH BASIN
CULVERT
SS-2
SS-3
GP-1 (IN SAME LOCATION AS MW-1R)
MW-5
CONCRETE
HA-1
MW-1
B-2
SS-1
MW-1R
HA-2
GRASS
AREA OF FORMER UNDERGROUND STORAGE TANK
B1
GRAVEL
MW-2
GRASS
GRASS DITCH
ASPHALT
GP-5
CULVERT
IRON ROAD
GRASS
GRASS DITCH
GRASS DITCH
CULVERT
B.3.b GROUNDWATER ISOCONCENTRATION (8/15/17)
MARON PROPERTY
METCO
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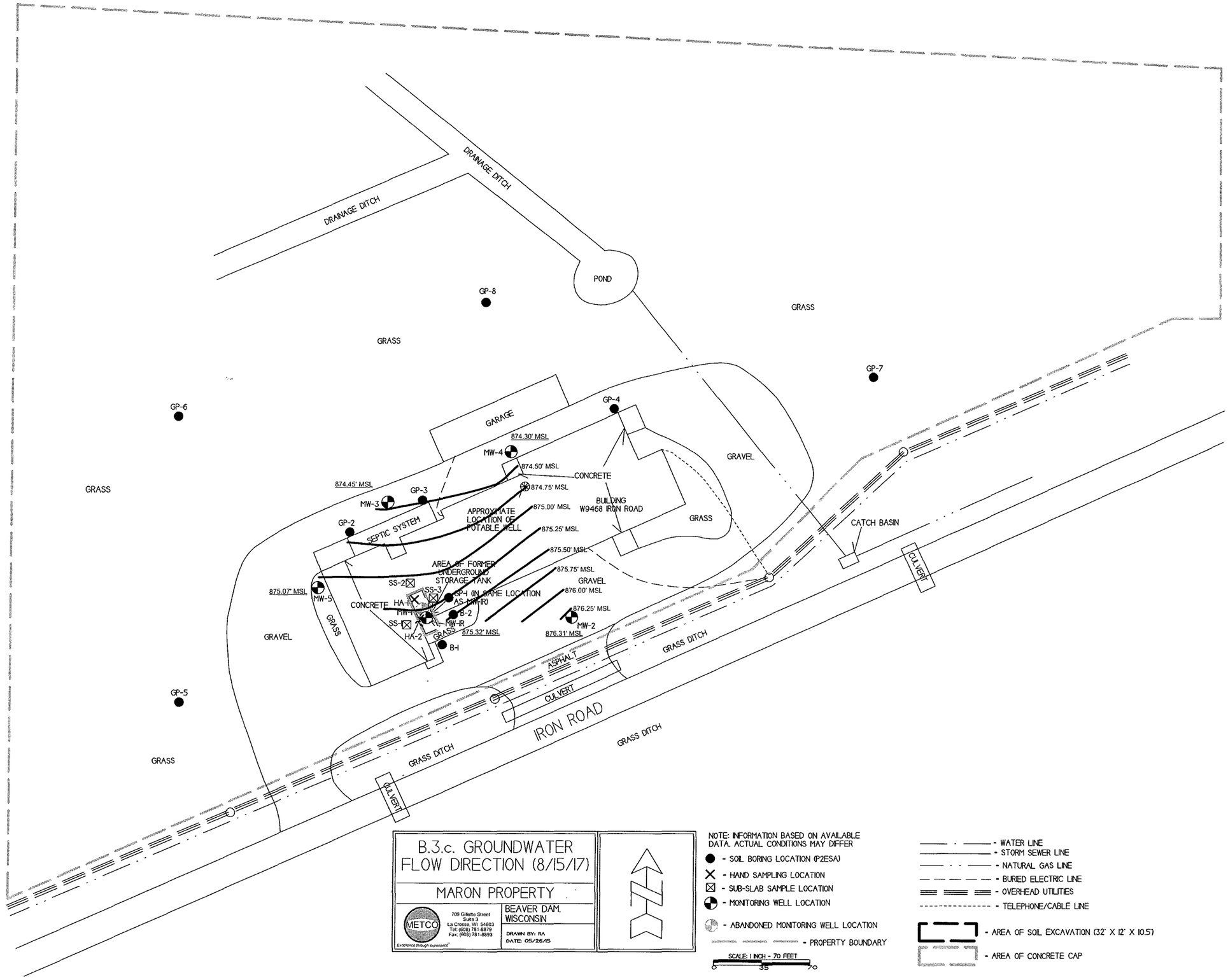
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience
BEAVER DAM, WISCONSIN
DRAWN BY: RA
DATE: 05/26/15
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER
- SOIL BORING LOCATION (P2ESA)
- HAND SAMPLING LOCATION
- SUB-SLAB SAMPLE LOCATION
- MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- PROPERTY BOUNDARY
SCALE: 1 INCH = 70 FEET
35
- WATER LINE
- STORM SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- AREA OF CONCRETE CAP



B.3.c. GROUNDWATER FLOW DIRECTION (8/15/17)

MARON PROPERTY

METCO
709 Gillette Street
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Excellence through experience

BEAVER DAM
WISCONSIN

DRAWN BY: RA
DATE: 05/26/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- SOIL BORING LOCATION (P2ESA)
- HAND SAMPLING LOCATION
- SUB-SLAB SAMPLE LOCATION
- MONITORING WELL LOCATION
- ABANDONED MONITORING WELL LOCATION
- PROPERTY BOUNDARY

SCALE: 1 INCH = 70 FEET

0 35

- WATER LINE
- STORM SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- AREA OF CONCRETE CAP

DRAINAGE DITCH

DRAINAGE DITCH

POND

GRASS

GRASS

GARAGE

MW-4

CONCRETE

GRAVEL

GRASS

MW-3

APPROXIMATE LOCATION OF POTABLE WELL

BUILDING W9468 IRON ROAD

GRASS

CATCH BASIN

SEPTIC SYSTEM

AREA OF FORMER UNDERGROUND STORAGE TANK

GRAVEL

CULVERT

MW-5

CONCRETE

MW-1

MW-1R

MW-2

GRASS

GRASS

GRAVEL

ASPHALT

GRASS DITCH

CULVERT

IRON ROAD

GRASS

GRASS DITCH

GRASS DITCH

CULVERT

B.3.d.
MONITORING WELLS
MARON PROPERTY

METCO
709 Gillette Street
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Tel: (608) 781-8679
Fax: (608) 781-8693
Excellence through experience

BEAVER DAM, WISCONSIN

DRAWN BY: RA
DATE: 05/26/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- MONITORING WELL LOCATION - PROPOSED TO BE ABANDONED
- ABANDONED MONITORING WELL LOCATION
- PROPERTY BOUNDARY

SCALE: 1 INCH = 70 FEET

- WATER LINE
- STORM SEWER LINE
- NATURAL GAS LINE
- BURIED ELECTRIC LINE
- OVERHEAD UTILITIES
- TELEPHONE/CABLE LINE
- AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- AREA OF CONCRETE CAP

B.4.a
VAPOR INTRUSION MAP
MARON PROPERTY

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Fax: (608) 781-8893
Excellence through experience℠

BEAVER DAM,
WISCONSIN

DRAWN BY: RA
DATE: 05/26/15

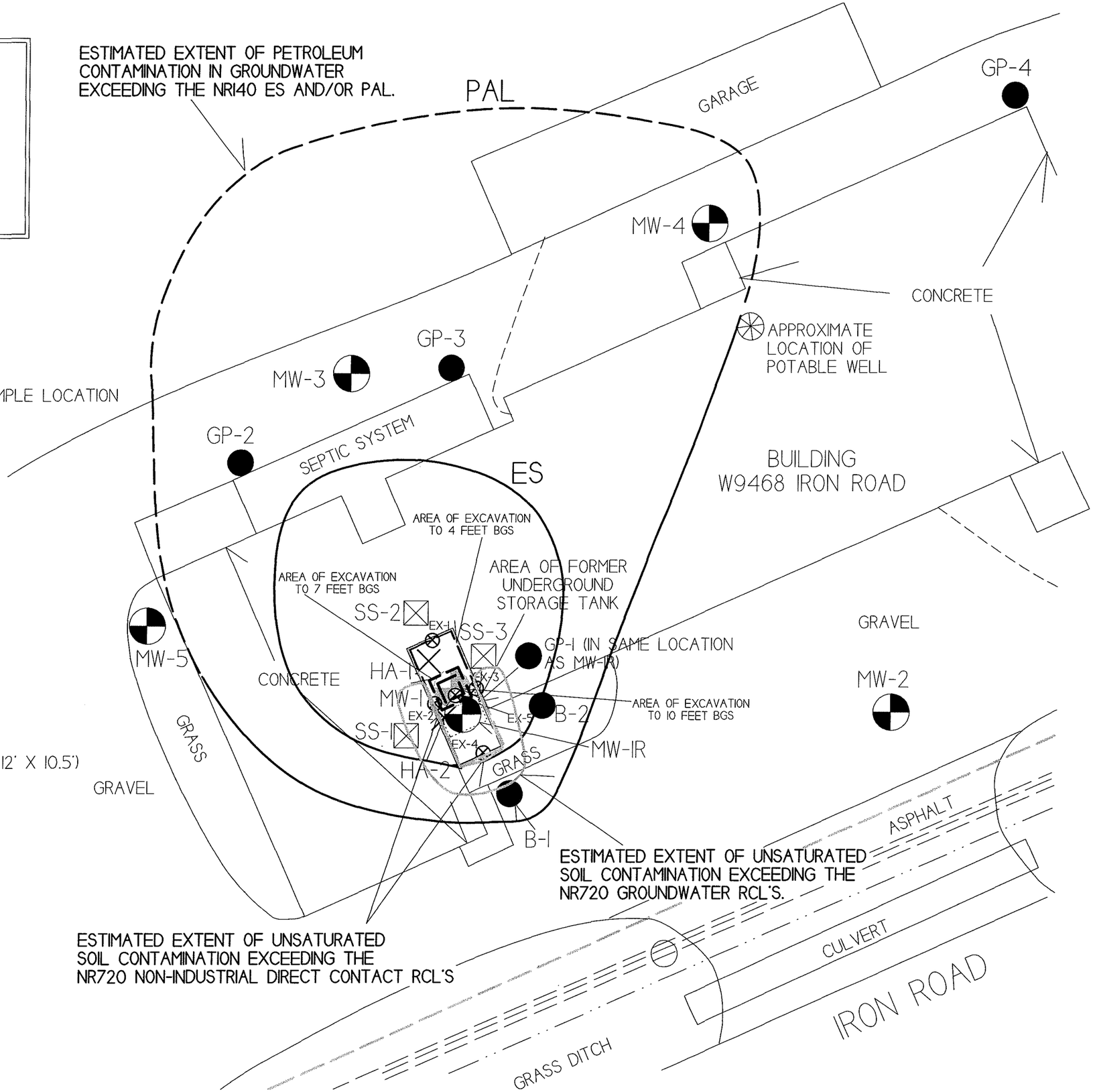
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

SCALE:
1 INCH = 25 FEET
0 25

- = SOIL BORING LOCATION (P2ESA)
- = HAND SAMPLING LOCATION
- = SUB-SLAB SAMPLE LOCATION
- = MONITORING WELL LOCATION
- = ABANDONED MONITORING WELL LOCATION
- = EXCAVATION SAMPLE LOCATION

- = PROPERTY BOUNDARY
- = WATER LINE
- = STORM SEWER LINE
- = NATURAL GAS LINE
- = BURIED ELECTRIC LINE
- = OVERHEAD UTILITIES
- = TELEPHONE/CABLE LINE
- = AREA OF SOIL EXCAVATION (32' X 12' X 10.5')
- = AREA OF CONCRETE CAP

NOTE: NO SUB-SLAB VAPOR SAMPLES SHOWED ANY EXCEEDANCES OF THE WDNR SMALL COMMERCIAL SUB-SLAB VAPOR ACTION LEVELS. PLEASE REFER TO THE VAPOR ANALYTICAL TABLE FOR A COMPLETE LISTING OF VAPOR RESULTS.



Attachment C/Documentation of Remedial Action

C.1 Site Investigation documentation – One round of groundwater monitoring has been conducted since the last submittal to the WDNR. Attached is the laboratory report for the groundwater monitoring event conducted on August 15, 2017.

C.2 Investigative waste

C.3 Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.goc/topic/brownfields.Professionals.html\ - Residual Contaminant Levels (RCLs) were established in accordance with NR720.10 and NR720.12. Soil RCLs for the protection of the groundwater pathway and for non-industrial direct contact were taken from the RR programs RCL speadsheet.

C.4 Construction documentation – No Remedial actions and/or interim actions specified in s.NR724.01(1) occurred at this site.

C.5 Decommissioning of Remedial Systems – No remedial systems were installed as part of this site investigation.

C.6 Other – Not applicable

C.1 Site Investigation Documentation

Synergy Environmental Lab,

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

KAREN MARON
KAREN MARON
7420 W. DRUMMOMD STREET
IRON RIVER, WI 54847

Report Date *23-Aug-17*

Project Name MARON PROPERTY **Invoice #** E33414
Project #

Lab Code 5033414A
Sample ID W9468 PW
Sample Matrix Water
Sample Date 8/15/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		8/18/2017	CJR	I
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		8/18/2017	CJR	I
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		8/18/2017	CJR	I
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		8/18/2017	CJR	I
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		8/18/2017	CJR	I
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		8/18/2017	CJR	I
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/18/2017	CJR	I
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		8/18/2017	CJR	I
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		8/18/2017	CJR	I

Lab Code 5033414B
Sample ID MW-2
Sample Matrix Water
Sample Date 8/15/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		8/18/2017	CJR	I
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		8/18/2017	CJR	I
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		8/18/2017	CJR	I
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		8/18/2017	CJR	I
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		8/18/2017	CJR	I
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		8/18/2017	CJR	I
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/18/2017	CJR	I
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		8/18/2017	CJR	I
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		8/18/2017	CJR	I

Project Name MARON PROPERTY **Invoice #** E33414
Project #

Lab Code 5033414C
Sample ID MW-5
Sample Matrix Water
Sample Date 8/15/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		8/18/2017	CJR	I
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		8/18/2017	CJR	I
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		8/18/2017	CJR	I
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		8/18/2017	CJR	I
Toluene	0.38 "J"	ug/l	0.33	1.06	1	GRO95/8021		8/18/2017	CJR	I
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		8/18/2017	CJR	I
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/18/2017	CJR	I
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		8/18/2017	CJR	I
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		8/18/2017	CJR	I

Lab Code 5033414D
Sample ID MW-4
Sample Matrix Water
Sample Date 8/15/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		8/18/2017	CJR	I
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		8/18/2017	CJR	I
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		8/18/2017	CJR	I
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		8/18/2017	CJR	I
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		8/18/2017	CJR	I
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		8/18/2017	CJR	I
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/18/2017	CJR	I
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		8/18/2017	CJR	I
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		8/18/2017	CJR	I

Lab Code 5033414E
Sample ID MW-3
Sample Matrix Water
Sample Date 8/15/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		8/18/2017	CJR	I
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		8/18/2017	CJR	I
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		8/18/2017	CJR	I
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		8/18/2017	CJR	I
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		8/18/2017	CJR	I
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		8/18/2017	CJR	I
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/18/2017	CJR	I
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		8/18/2017	CJR	I
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		8/18/2017	CJR	I

Project Name MARON PROPERTY **Invoice #** E33414
Project #

Lab Code 5033414F
Sample ID MW-1R
Sample Matrix Water
Sample Date 8/15/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	29.1	ug/l	0.27	0.87	1	GRO95/8021		8/18/2017	CJR	1
Ethylbenzene	0.73 "J"	ug/l	0.56	1.77	1	GRO95/8021		8/18/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		8/18/2017	CJR	1
Naphthalene	71	ug/l	1.7	5.27	1	GRO95/8021		8/18/2017	CJR	1
Toluene	1.61	ug/l	0.33	1.06	1	GRO95/8021		8/18/2017	CJR	1
1,2,4-Trimethylbenzene	1.81	ug/l	0.56	1.78	1	GRO95/8021		8/18/2017	CJR	1
1,3,5-Trimethylbenzene	1.38 "J"	ug/l	0.58	1.84	1	GRO95/8021		8/18/2017	CJR	1
m&p-Xylene	6.6	ug/l	1.1	3.49	1	GRO95/8021		8/18/2017	CJR	1
o-Xylene	13.5	ug/l	0.61	1.92	1	GRO95/8021		8/18/2017	CJR	1

Lab Code 5033414G
Sample ID TB
Sample Matrix Water
Sample Date 8/15/2017

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
PVOC + Naphthalene										
Benzene	< 0.27	ug/l	0.27	0.87	1	GRO95/8021		8/18/2017	CJR	1
Ethylbenzene	< 0.56	ug/l	0.56	1.77	1	GRO95/8021		8/18/2017	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.43	ug/l	0.43	1.36	1	GRO95/8021		8/18/2017	CJR	1
Naphthalene	< 1.7	ug/l	1.7	5.27	1	GRO95/8021		8/18/2017	CJR	1
Toluene	< 0.33	ug/l	0.33	1.06	1	GRO95/8021		8/18/2017	CJR	1
1,2,4-Trimethylbenzene	< 0.56	ug/l	0.56	1.78	1	GRO95/8021		8/18/2017	CJR	1
1,3,5-Trimethylbenzene	< 0.58	ug/l	0.58	1.84	1	GRO95/8021		8/18/2017	CJR	1
m&p-Xylene	< 1.1	ug/l	1.1	3.49	1	GRO95/8021		8/18/2017	CJR	1
o-Xylene	< 0.61	ug/l	0.61	1.92	1	GRO95/8021		8/18/2017	CJR	1

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature Michael Ricker

CHAIN OF CUSTODY RECORD

Synergy Environmental Lab, Inc.

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

Chain # No 33[illegible]

Page 1 of 1

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

Lab I.D. #	
Account No. :	Quote No.:
Project #:	
Sampler: (signature)	
Project (Name / Location): Maron Property / Beaver Dam	
Reports To: Karen Maron	Invoice To: K. Maron
Company	Company c/o METCO
Address 7420 W. Drummond st	Address 709 Gillette st, ste. 3
City State Zip Iron River, WI 54847	City State Zip La Crosse, WI 54603
Phone	Phone
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	8-RCRA METALS								PH FI
565344 A	W9468 PW	8-15	840				3	GW	HCL									X													
B	MW-2		900															X													
C	MW-5		925															X													
D	MW-4		950															X													
E	MW-3		1010															X													
F	MW-1R		1035															X													
G	TB																	X													

Analysis Requested / Other Analysis

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

Lab to send copy of report to METCO / Jason P. (Invoice to METCO)
* rate rates apply
* Agent Status

Sample Integrity - To be completed by receiving lab.
Method of Shipment: GS
Temp. of Temp. Blank ___ °C On Ice: X
Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
	2:00 PM	8-15-17			

Received in Laboratory By: Time: 8:00 Date: 8/16/17

C.2 Investigative Waste

DKS Transport Services, LLC
N7349 548th Street
Menomonie, WI 54751
715-556-2604

INVOICE

4-28 20 16

CUSTOMER: Karen Maron % Mated
709 Gillette Street Ste 3
La Crosse WI 54603

JOB NAME: Maron Property
Brand Dam WI

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	Mobilization	1	287 70	287 70
	5	Haul soil drums to Advanced Disposal EC	5	108 15	540 75
	1	Haul water drum to Advanced Disposal EC	1	42 11	42 11
		Waste Log			
		Waste Off			
				TOTAL	870 56

Due upon receipt of invoice.
1.5% per month Service Charge (18% Annual Percentage Rate) will be added to past due accounts.

SIGNATURE _____

157

Inv. Waste Disposal
Reviewed 4/29/16
OK

C.2 Investigative Waste

N7296 HIGHWAY V
HORICON, WI 53032
9203870987

#1

SITE	CELL	TICKET #	OPERATOR
E6		823568	DSSellnow

TRUCK	CONTAINER	LICENSE
DKS 44		

REFERENCE	IN	OUT
MARON PROPERTY	4/25/17 6:41 am	4/25/17 6:56 am

000493
DKS CONSTRUCTION
2520 WILSON STREET
MENOMONIE, WI 54751

INVOICE
INBOUND

CONTRACT: GRL 17033B
BOL: 153008

GROSS 73,160.00LBS Scale In
TARE 30,000.00LBS Scale Out
NET 43,160.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
21.58	TN	C-Soil/33D@, Pet-Fuel Oil		0.00			

Thank you for using Advanced Disposal Glacier Ridge Landfill!

I hereby certify that this load does not contain any unauthorized hazardous waste.

Total
Paid
Change
Check#
Recpt #

SIGNATURE:_____

CUSTOMER COPY

GLACIER RIDGE LANDFILL
N7296 HIGHWAY V
HORICON, WI 53032
9203870987

#2

SITE	CELL	TICKET #	OPERATOR
E6		823610	63418

TRUCK	CONTAINER	LICENSE
DKS 44		

REFERENCE	IN	OUT
MARON PROPERTY	4/25/17 9:05 am	4/25/17 9:15 am

000493
DKS CONSTRUCTION
2520 WILSON STREET
MENOMONIE, WI 54751

INVOICE
INBOUND

CONTRACT: GRL 17033B
BOL: 153007

GROSS 72,420.00LBS Scale In
TARE 29,960.00LBS Scale Out
NET 42,460.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
21.23	TN	C-Soil/33D@, Pet-Fuel Oil		0.00			

Thank you for using Advanced Disposal Glacier Ridge Landfill!

I hereby certify that this load does not contain any unauthorized hazardous waste.

Total
Paid
Change
Check#
Recpt #

SIGNATURE:_____

CUSTOMER COPY

N7296 HIGHWAY V
HORICON, WI 53032
9203870987

000493
DKS CONSTRUCTION
2520 WILSON STREET
MENOMONIE, WI 54751

INVOICE
INBOUND

SITE	CELL	TICKET #	OPERATOR
E6		823654	63418

TRUCK	CONTAINER	LICENSE
DKS 44		

REFERENCE	IN	OUT
MARON	4/25/17 10:57 am	4/25/17 11:06 am

CONTRACT: GRL 17033B
BOL: 153006

GROSS 72,020.00LBS Manual In
TARE 29,920.00LBS Scale Out
NET 42,100.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
21.05	TN	C-Soil/33D@, Pet-Fuel Oil		0.00			

Thank you for using Advanced Disposal Glacier Ridge Landfill!

I hereby certify that this load does not contain any unauthorized hazardous waste.

Total
Paid
Change
Check#
Recpt #

SIGNATURE:_____

CUSTOMER COPY

GLACIER RIDGE LANDFILL
N7296 HIGHWAY V
HORICON, WI 53032
9203870987

000493
DKS CONSTRUCTION
2520 WILSON STREET
MENOMONIE, WI 54751

INVOICE
INBOUND

SITE	CELL	TICKET #	OPERATOR
E6		823686	63418

TRUCK	CONTAINER	LICENSE
DKS 44		

REFERENCE	IN	OUT
MARON	4/25/17 12:41 pm	4/25/17 12:50 pm

CONTRACT: GRL 17033B
BOL: 153005

GROSS 67,600.00LBS Scale In
TARE 29,820.00LBS Scale Out
NET 37,780.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
18.89	TN	C-Soil/33D@, Pet-Fuel Oil		0.00			

Thank you for using Advanced Disposal Glacier Ridge Landfill!

I hereby certify that this load does not contain any unauthorized hazardous waste.

Total
Paid
Change
Check#
Recpt #

SIGNATURE:_____

CUSTOMER COPY

N7296 HIGHWAY V
HORICON, WI 53032
9203870987

#5

000493
DKS CONSTRUCTION
2520 WILSON STREET
MENOMONIE, WI 54751

INVOICE
INBOUND

SITE	CELL	TICKET #	OPERATOR
E6		823717	63418

TRUCK	CONTAINER	LICENSE
DKS 44		

REFERENCE	IN	OUT
MARON	4/25/17 2:37 pm	4/25/17 2:47 pm

CONTRACT: GRL 17033B
BOL: 153004

GROSS 67,140.00LBS Scale In
TARE 29,760.00LBS Scale Out
NET 37,380.00 LBS

QTY	UNIT	DESCRIPTION	ORIGIN	%	RATE	TAX	TOTAL
18.69	TN	C-Soil/33D@, Pet-Fuel Oil		0.00			

Thank you for using Advanced Disposal Glacier Ridge Landfill!

I hereby certify that this load does not contain any unauthorized hazardous waste.

Total
Paid
Change
Check#
Recpt #

SIGNATURE:_____

CUSTOMER COPY

21.58
21.23
21.05
18.89
18.69

101.44 total tons

C.2 Investigative Waste

Invoice

DKS CONSTRUCTON SERVICES, INC
2520 WILSON STREET
MENOMONIE, WI 54751

Date	Invoice #
5/15/2017	2702

Bill To

METCO
PO BOX 448
HILLSBORO, WI 54634

P.O. No.	Terms	Project
Maron Property	Net 30	

Quantity	Description	Rate	Amount
1	Mobilization	3,000.00	3,000.00
101.44	Excavation	20.00	2,028.80
101.44	Haul	14.00	1,420.16
101.44	Disposal	34.00	3,448.96
79.44	Fill	14.00	1,112.16
22	Rock	18.00	396.00
101.44	Backfill/Compact	9.00	912.96
1	Install Concrete CAP	2,000.00	2,000.00
	Wisconsin Exempt Sales Tax	0.00%	0.00

Soil Excavation, Disposal, & Concrete Cap
Reviewed 5/15/17
OK

Phone #	715-235-2600	Total	$14,319.04

VARIANCE

C.2 Investigative Waste

DKS Transport Services, LLC
N7349 548th Street
Menomonie, WI 54751
715-556-2604

INVOICE 7-7 20 17

CUSTOMER
Mateo % Karen Maron
709 Gillette St
La Crosse WI 54603

JOB NAME
Maron Property
Beaver Dam, WI

☐ CASH ☐ CHECK #________ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE		AMOUNT	
	1	Mobilization	1	287	70	287	70
	2	Haul soil drums to Advanced Disposal - Eau Claire WI	2	108	15	216	30
	1	Haul water drum to Advanced Disposal Eau Claire WI	1	42	11	42	11
		Thank You					
		[signature]					
				TOTAL		546	11

Due upon receipt of invoice.
1.5% per month Service Charge (18% Annual Percentage Rate) will be added to past due accounts.

SIGNATURE ______________________

193

Inv. Waste Disposal
Reviewed 7/10/17
OK

Attachment D/Maintenance Plan(s)

D.1 Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required

D.2 Location map(s) which show(s)

D.3 Photographs

D.4 Inspection log

D.1 Description of Maintenance Action(s)

CAP MAINTENANCE PLAN

November 15, 2017

Property Located at:
W9468 Iron Road
Beaver Dam, WI 53916

WDNR BRRTS# 03-14-563925

TAX KEY# 004-1114-0742-001

Introduction

This document is the Maintenance Plan for a concrete cap at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing cap occupying the area over the contaminated groundwater plume or soil on-site.

More site-specific information about this property may be found in:

- The case file in the DNR South Central regional office
- BRRTS on the Web (DNR's internet based data base of contaminated sites): http://dnr.wi.gov/botw/SetUpBasicSearchForm.do
- GIS Registry PDF file for further information on the nature and extent of contamination and
- The DNR project manager for Dodge County.

Description of Contamination

Soil contaminated by Petroleum Volatile Organic Compounds (PVOCs) and/or Polynuclear Aromatic Hydrocarbons (PAHs) is located at a depth of 0-3 feet below ground surface (bgs) in the area of the former UST system. Groundwater contaminated by PVOCs is located at a depth of 3.5-7 feet bgs in the area of the former UST system. The extent of the soil contamination is shown on Attachment D.2. Please refer to attachment B.3.b for the extent of groundwater contamination as the groundwater plume was too large to fit on the Attachment D.2 map scale.

Description of the Cap to be maintained

The Cap covers the area of the soil excavation, which consists of concrete (approximately 6 inches thick), as shown on Attachment D.2.

Cover Barrier Purpose

The concrete cap over the contaminated soil and groundwater serves as both a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health, and also as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The concrete cap overlying the contaminated soil and groundwater and as depicted in Attachment D.2 will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause exposure to underlying soils or additional infiltration through asphalt or concrete. The inspections will be performed by the property owner or their designated representative. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed and where infiltration from the surface will not be effectively minimized will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Form 4400-305 Continuing Obligations and Maintenance Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed and where infiltration from the surface will not be effectively minimized. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be kept at the address of the property owner and available for submittal or inspection by Wisconsin Department of Natural Resources ("WDNR") representatives upon their request.

Note: The WDNR may, in some instances, require in the case closure letter that the inspection log be submitted at least annually after every inspection. If the case closure letter requires that, then a copy of the inspection log must be submitted to the WDNR at least annually after every inspection.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling or larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the concrete cap overlying the contaminated soil and groundwater plume is removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the concrete cap, will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Prohibition of Activities and Notification of DNR Prior to Actions Affecting a Cover or Cap

The following activities are prohibited on any portion of the property where the concrete cap is required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

Metco, Ronanderson

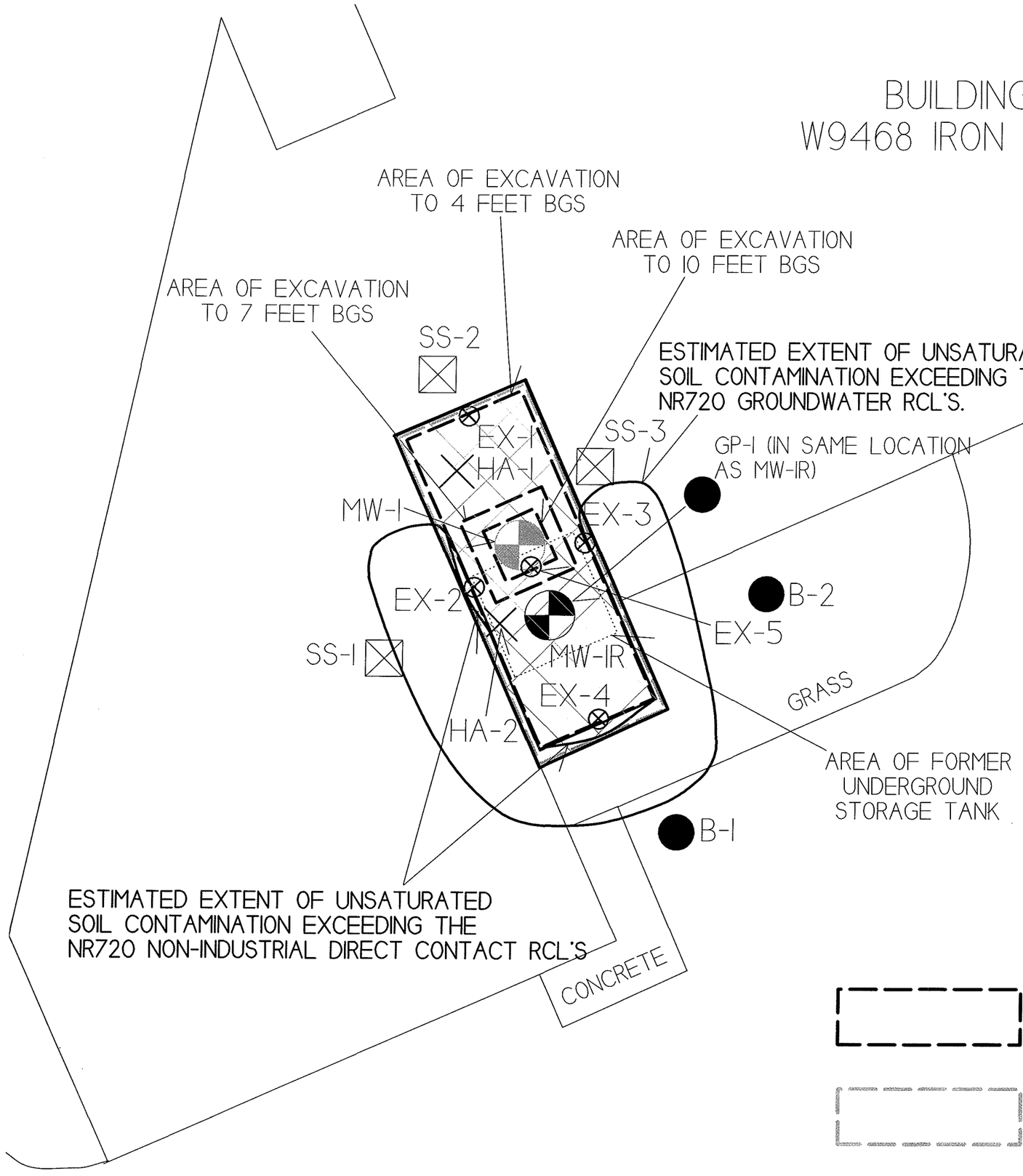
Contact Information
November 2017

Current Site Owner and Operator:
Karen Maron 715-813-0073
7420 W. Drummond St.
Iron River, WI 54847

Signature: Karen M Maron
(DNR may request signature of affected property owners, on a case-by-case basis)

Consultant:
METCO
Ron Anderson
709 Gillette Street, Suite 3
La Crosse, WI 54603
(608) 781-8879
(608) 781-8879

WDNR:
Dan Graf
3911 Fish Hatchery Rd
Fitchburg, WI 53711
(608) 275-3339



D.2
LOCATION MAP

MARON PROPERTY

METCO
709 Gillette Street
Suite 3
La Crosse, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience™

BEAVER DAM,
WISCONSIN

DRAWN BY: RA
DATE: 05/26/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

● = SOIL BORING LOCATION (P2ESA)

× = HAND SAMPLING LOCATION

⊗ = EXCAVATION SAMPLE LOCATION

◕ = MONITORING WELL LOCATION

◔ = ABANDONED MONITORING WELL LOCATION

☒ = SUB-SLAB SAMPLE LOCATION

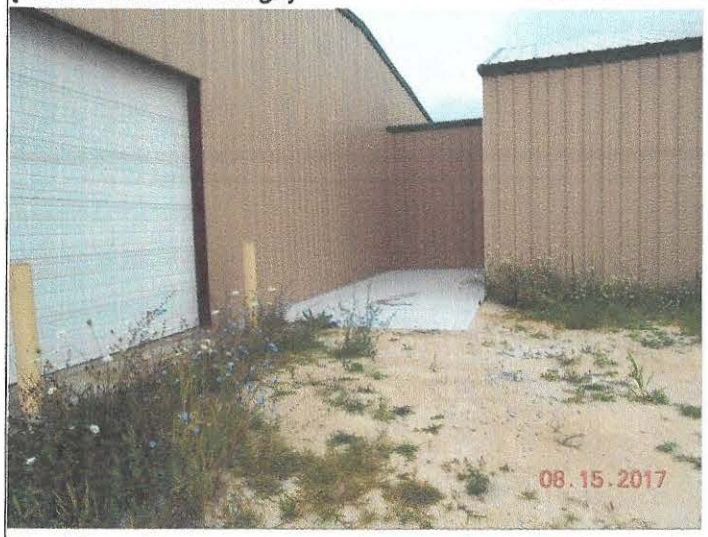
SCALE:
1 INCH = 10 FEET
0 10

= AREA OF SOIL EXCAVATION (32' X 12' X 10.5')

= AREA OF CONCRETE CAP

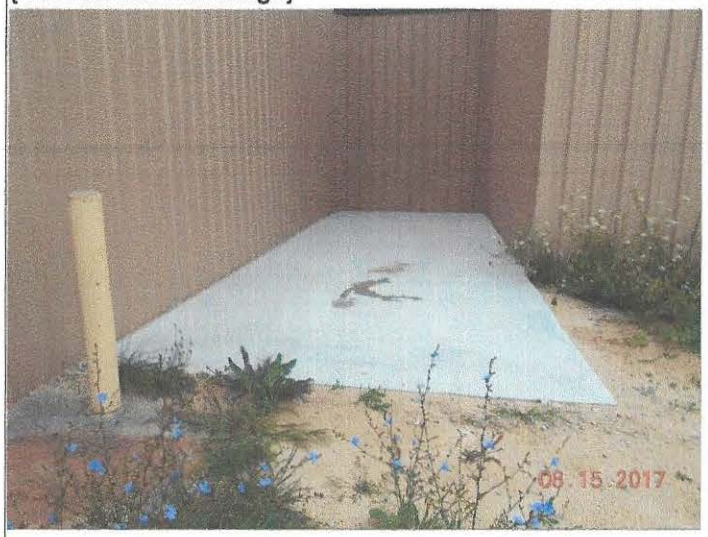
= AREA OF CAP TO BE MAINTAINED

{Click to Add/Edit Image} Date added: 11/15/2017



Title: Photo #1: Area of cap to be maintained (looking north/northwest)

{Click to Add/Edit Image} Date added: 11/15/2017



Title: Photo #2: Area of cap to be maintained (looking north/northwest)

D.3 Photographs

State of Wisconsin
Department of Natural Resources
dnr.wi.gov

Continuing Obligations Inspection and Maintenance Log

Form 4400-305 (2/14)

Directions: In accordance with s. NR 727.05 (1) (b) 3., Wis. Adm. Code, use of this form for documenting the inspections and maintenance of certain continuing obligations is required. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31-19.39, Wis. Stats.]. When using this form, identify the condition that is being inspected. See the closure approval letter for this site for requirements regarding the submittal of this form to the Department of Natural Resources. A copy of this inspection log is required to be maintained either on the property, or at a location specified in the closure approval letter. Do NOT delete previous inspection results. This form was developed to provide a continuous history of site inspection results. The Department of Natural Resources project manager is identified in the closure letter. The project manager may also be identified from the database, BRRTS on the Web, at http://dnr.wi.gov/botw/SetUpBasicSearchForm.do, by searching for the site using the BRRTS ID number, and then looking in the "Who" section.

Activity (Site) Name	BRRTS No.
Maron Property	03-14-563925

Inspections are required to be conducted (see closure approval letter):

- (●) annually
- ( ) semi-annually
- ( ) other – specify ____________

When submittal of this form is required, submit the form electronically to the DNR project manager. An electronic version of this filled out form, or a scanned version may be sent to the following email address (see closure approval letter):

Inspection Date	Inspector Name	Item	Describe the condition of the item that is being inspected	Recommendations for repair or maintenance	Previous recommendations implemented?	Photographs taken and attached?
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N
		☐ monitoring well ☐ cover/barrier ☐ vapor mitigation system ☐ other:			○ Y ○ N	○ Y ○ N

D.4 Inspection Log

Attachment E/Monitoring Well Information

All wells have been located and will be properly abandoned upon WDNR granting closure to the site.

Attachment F/Source Legal Documents

F.1 Deeds – Source Property

F.2 Certified Survey Map

F.3 Verification of Zoning

F.4 Signed Statement

F.1 Deed

FEE EXEMPT

#8

VOL 877 PAGE 401

824362

10

STATE BAR OF WISCONSIN FORM 1 — 1962
WARRANTY DEED

THIS SPACE RESERVED FOR RECORDING DATA

Office of Register of Deeds
Dodge County, WI
RECEIVED FOR RECORD

APR 15 1996

at 10:24 o'clock A M.

Doris Westra

DORIS WESTRA - Registrar

RETURN TO Action Law, S.C
P.O. Box 7485
Madison, WI 53707

This Deed, made between Thelma E. Birkholz

, Grantor,

and Walter Maron and Karen Maron as survivorship marital property

, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration

conveys to Grantee the following described real estate in DODGE County, State of Wisconsin:

Tax Parcel No: 07-11N-14E

A part of the Southeast 1/4 of Section 7, Township 11 North, Range 14 East, described as: Commencing at the Northwest Corner of said 1/4 Section; Thence East along the North line of said 1/4 Section, 13 chains and 43 links; Thence South 21 chains and 6 links to the center of the highway; Thence Southwesterly along the center of the highway to the West line of said 1/4 Section; Thence North 25 chains and 73 links to the place of beginning. Also all that part of East 1/2 of Southwest 1/4 of Section 7, Township 11 North, Range 14 East, lying Northeasterly of the highway adjoining the Northeasterly line of the right-of-way of the Chicago, Sparta and Northwestern Railroad Company and lying North of the Beaver Dam and Columbus Road, except that part thereof deeded to the Milwaukee, Sparta and Northwestern Railroad Company;

And except the following described premises: Commencing at a stone monument being the West 1/4 corner of said Section 7; Then S. 88° 18' 35" E. along the East-West 1/4 line of said Section 7, 1462.48 feet to an iron pipe set on West line of the NE 1/4 of the SW 1/4 of said Section 7, said pipe being the point of real beginning; Thence continuing S. 88° 18' 35" E, along said East-West 1/4 line, 2206.38 feet to an iron pipe set, said pipe being S. 88° 18" 35" E, 886.38 feet from the NW corner of the SE 1/4 of Section 7; Thence S. 1° 01' 04" E., parallel with the North-South 1/4 line of said Section 7, 791.10 feet to an iron pipe set; Thence N. 88° 08' 28" W., 1933.75 feet to an iron pipe set on the Northeasterly right-of-way of the Chicago, Northwestern Railroad: Thence N 43° 50' 39" W., along said right-of-way, 401.04 feet to an iron pipe set on the West line of the NE 1/4 of the SW 1/4 of Section 7; Thence N. 1° 00' 57" W. along said West line, 504.17 feet to the point of real beginning., as contained in the Certified Survey of John A. Prunuske of May 25, 1977. Subject to conveyances for highway purposes and easement to Wisconsin Telephone Company. Consisting of Approximately 22 acres.

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

Together with all and singular the hereditaments and appurtenances thereunto belonging;

And Thelma E. Birkholz warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except This deed was originally recorded on August 24, 1995 as document 813628 v 854 P829. This document is being rerecorded for the sole purpose of correcting the legal description which has been incorrectly recorded since a transfer on May 31, 1957 that appears in V302 P422.

and will warrant and defend the same.

Dated this 13th day of 4/13/96, 19 96

Thelma E Birkholz (SEAL)

Thelma E. Birkholz

(SEAL)

(SEAL)

(SEAL)

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

Jim Schernecker, Attorney

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

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
DODGE County.

Personally came before me this 13th day of April, 1996 the above named Thelma E. Birkholz

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

Elayne Schernecker

Notary Public DODGE County, Wis.
My Commission is permanent. (If not, state expiration date: Nov 17, 1997)

*Names of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED

STATE BAR OF WISCONSIN FORM No. 1 — 1962

Wisconsin Legal Blank Co. Inc. Milwaukee, Wis.

069

F.2 Certified Survey Map

NEW FRONTIER
LAND SURVEYING LLC.
P.O. BOX 576- BEAVER DAM, WI 53916
PH (920-885-3904) FAX (920-885-3905)

DOCUMENT # 1203221

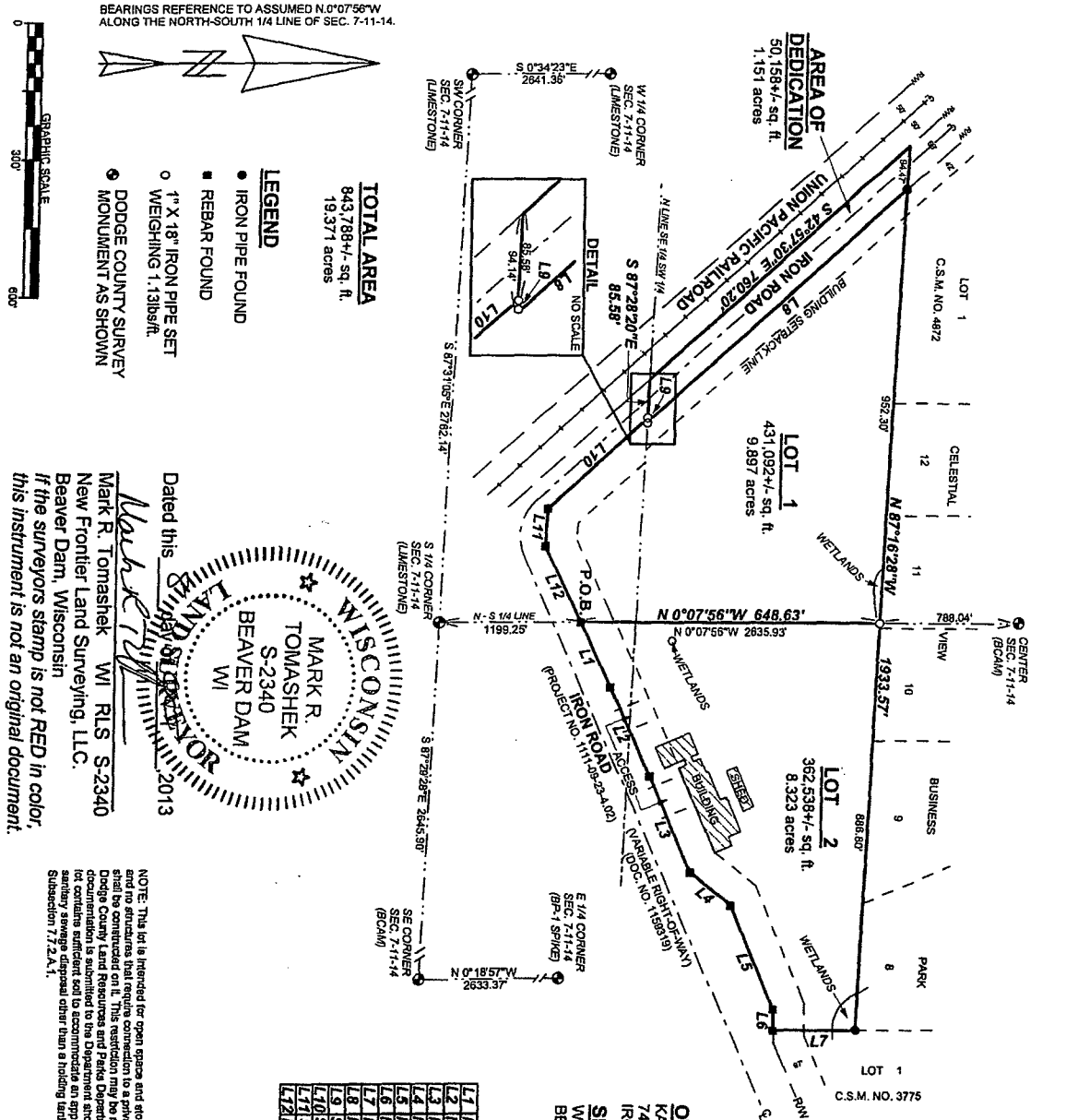
Office of Register of Deeds
Dodge County, Wisconsin
RECEIVED FOR RECORD

October 08, 2013 12:45 PM

CHRIS PLANASCH - Registrar
Fee Amount: $30.00
# of Pages 2

CERTIFIED SURVEY MAP NO. 6833

A PART OF THE NORTHEAST 1/4 OF THE SOUTHWEST 1/4, A PART OF THE SOUTHEAST 1/4 OF THE SOUTHWEST 1/4, A PART OF THE NORTHWEST 1/4 OF THE SOUTHEAST 1/4 AND A PART OF THE SOUTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SECTION 7, TOWN 11 NORTH, RANGE 14 EAST, TOWN OF BEAVER DAM, DODGE COUNTY, WISCONSIN.



LINE TABLE	
L1	N 64°35'17"E 152.85'
L2	N 66°05'53"E 215.42'
L3	N 66°20'47"E 225.12'
L4	N 38°53'24"E 114.31'
L5	N 68°55'53"E 245.20'
L6	N 89°02'16"E 46.09'
L7	N 0°08'44"W 177.40'
L8	N 42°57'30"W 759.73'
L9	S 87°28'20"E 8.56'
L10	S 42°57'30"E 288.77'
L11	S 86°28'27"E 82.46'
L12	N 64°35'17"E 182.06'

Dated this 8th day of October, 2013

Mark R. Tomashek WI RLS S-2340
New Frontier Land Surveying, LLC.
Beaver Dam, Wisconsin

If the surveyors stamp is not RED in color, this instrument is not an original document.

WISCONSIN MARK R. TOMASHEK S-2340 BEAVER DAM WI LAND SURVEYOR

NOTE: This lot is intended for open space and storage use only and no structures that require connection to a private septic system shall be constructed on it. This restriction may be removed by the Dodge County Land Resources and Parks Department provided documentation is submitted to the Department showing that this lot contains sufficient soil to accommodate an approved method of sanitary sewage disposal other than a holding tank in accord with Subsection 7.7.2.A.1.

OWNER
KAREN MARON
7420 DRUMMOND ST.
IRON RIVER, WI 54847-6100

SITE ADDRESS
W9468-W9470 IRON RD.
BEAVER DAM, WI 53916

Dodge County
2013-0602-01

JOB NO. 13-1907
SHEET 1 OF 2 SHEETS

V460247

F.3 Verification of Zoning

Parcel #: 004-1114-0742-001 Valid as of 11/15/2017 07:48 AM

Alt. Parcel #: 004054400000

TOWN OF BEAVER DAM
DODGE COUNTY,
WISCONSIN

Owner and Mailing Address:

KAREN MARON
7420 W DRUMMOND ST
IRON RIVER WI 54847-6100

Co-Owner(s):

Physical Property Address(es):

* W9470 IRON RD
W9468 IRON RD
W9472 IRON RD

Districts:

Dist#	Description
0336	BEAVER DAM SCHOOL
1000	MPTC FOND DU LAC

Legal Description: **Acres:** 8.323

LOT 2 CSM 6833 IN V46 P247 BEING PT NW1/4 SE1/4 & PT SW1/4 SE1/4 SEC 7

Parcel History:

Date	Doc #	Vol/Page	Type
10/08/2013	1203221	46/247	CSM
06/11/2013	1198320	CABC/99	TPP
10/30/2012	1187702	/	TDPI
02/24/2011	1159319	/	WAR

more...

Plat	Tract (S-T-R 40¼ 160¼ GL)	Block/Condo Bldg
* MB-METES AND BOUNDS	07-11N-14E NW SE	

2017 Valuations:

Values Last Changed on 09/07/2015

Class and Description	Acres	Land	Improvement	Total
G2-COMMERCIAL	8.323	86,600.00	304,000.00	390,600.00
Totals for 2017				
General Property	8.323	86,600.00	304,000.00	390,600.00
Woodland	0.000	0.00	0.00	0.00
Totals for 2016				
General Property	8.323	86,600.00	304,000.00	390,600.00
Woodland	0.000	0.00	0.00	0.00

2017 Taxes

Taxes have not yet been calculated.

Key

* - Primary

F.4. Signed Statement

WDNR BRRTS Case #: 03-14-563928

WDNR Site Name: Maron Property

Geographic Information System (GIS) Registry of Closed Remediation Sites

In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

Karen M. Maron Sole Owner
(print name/title)

Karen M Maron Oct 24, 2017
(signature) (date)

Attachment G/Notification to Owners of Impacted Properties

There are no impacts to any other deeded properties.