

Source Property Information

BRRTS #: (No Dashes)

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

PECFA#:

***WTM COORDINATES:**

X: Y:

** Coordinates are in
WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- | | |
|--|--|
| <input type="checkbox"/> Groundwater Contamination > ES (236) | <input checked="" type="checkbox"/> Soil Contamination > *RCL or **SSRCL (232) |
| <input type="checkbox"/> Contamination in ROW | <input type="checkbox"/> Contamination in ROW |
| <input type="checkbox"/> Off-Source Contamination | <input type="checkbox"/> Off-Source Contamination |
| <i>(note: for list of off-source properties
see "Impacted Off-Source Property" form)</i> | <i>(note: for list of off-source properties
see "Impacted Off-Source Property" form)</i> |

Continuing Obligations:

- | | |
|---|--|
| <input type="checkbox"/> N/A (Not Applicable) | <input type="checkbox"/> Cover or Barrier (222) |
| <input type="checkbox"/> Soil: maintain industrial zoning (220) | <i>(note: maintenance plan for
groundwater or direct contact)</i> |
| <i>(note: soil contamination concentrations
between non-industrial and industrial levels)</i> | <input type="checkbox"/> Vapor Mitigation (226) |
| <input type="checkbox"/> Structural Impediment (224) | <input type="checkbox"/> Maintain Liability Exemption (230) |
| <input type="checkbox"/> Site Specific Condition (228) | <i>(note: local government unit or economic
development corporation was directed to
take a response action)</i> |

Note: Comments will not print out.

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

- Yes No N/A

** Residual Contaminant Level
**Site Specific Residual Contaminant Level*

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: (No Dashes) PARCEL ID #:
ACTIVITY NAME: WTM COORDINATES: X: Y:

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- Closure Letter**
- Maintenance Plan** (if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- Conditional Closure Letter**
- Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
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. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: **Title: Certified Survey Map #1025**
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: 1 **Title: Site Location Map**
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, 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 exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 2 **Title: Site Layout**
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 5 **Title: Naphthalene Concentration in Soil**

BRRTS #: 03-71-558639

ACTIVITY NAME: Curwood Wisconsin LLC

MAPS (continued)

- Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: 6 Title: Geological Cross-Section

Figure #: Title:

- Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.

Note: This is intended to show the total area of contaminated groundwater.

Figure #: Title:

- Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: 4 Title: Water Table Contour Map - January 4, 2012

Figure #: Title:

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

- Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: 2 Title: Laboratory Results of Soil Samples

- Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: 3 Title: Laboratory Results of Groundwater Samples

- Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: 1 Title: Results of Groundwater Field Parameters

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

- Not Applicable**

- Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: Title:

- Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

- Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

- Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-71-558639

ACTIVITY NAME: Curwood Wisconsin LLC

NOTIFICATIONS

Source Property

Not Applicable

Letter To Current Source Property Owner: If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

Return Receipt/Signature Confirmation: Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

Not Applicable

Letter To "Off-Source" Property Owners: Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.

Number of "Off-Source" Letters:

Return Receipt/Signature Confirmation: Written proof of date on which confirmation was received for notifying any off-source property owner.

Deed of "Off-Source" Property: The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

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. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

Figure #:

Title:

Letter To "Governmental Unit/Right-Of-Way" Owners: Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:



STATE OF WISCONSIN
Department of Safety and Professional Services

375 City Center, Suite J
Oshkosh, Wisconsin 54901-1805

Email: dsps@wisconsin.gov
Web: <http://dsps.wi.gov>

Governor Scott Walker

Secretary Dave Ross

October 16, 2012

Dong-Son Pham
Bemis Co Inc
2200 Badger Ave
Oshkosh, WI 54904

RE: **Final Closure**

PECFA # 54956-4023-15-A DNR BRRTS # 03-71-558639
Curwood Wisconsin LLC, 1815 Marathon Ave, Neenah

Dear Mr. Pham:

The Wisconsin Department of Safety and Professional Services (DPS) has received all items required as conditions for closure of the site referenced above. This site is now listed as "closed" on the DPS database and will be included on the Department of Natural Resources (DNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination. To review all sites on the GIS Registry web page, visit <http://dnr.wi.gov/topic/Brownfields/rasm.html>. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or along newly placed underground utility lines. The potential for vapor inhalation and migration should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

Thank you for your efforts to bring this case to closure. It is in your best interest to keep all documentation related to environmental activities at your site. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0025.

Sincerely,

Tom Verstegen
Hydrogeologist – Dept of Safety and Professional Services
PECFA - Site Review Section

cc: Ms. Jeanne Tarvin - Environ International Corporation



STATE OF WISCONSIN
Department of Safety and Professional Services

375 City Center, Suite I
Oshkosh, Wisconsin 54901-1805

Email: dps@wisconsin.gov

Web: <http://dps.wi.gov>

Governor Scott Walker

Secretary Dave Ross

August 29, 2012

Dong-Son Pham
Bemis Co Inc
2200 Badger Ave
Oshkosh, WI 54904

RE: **Conditional Case Closure**

PECFA # 54956-4023-15-A DNR BRRTS # 03-71-558639
Curwood Wisconsin LLC, 1815 Marathon Ave, Neenah

Dear Mr. Pham:

The Wisconsin Department of Safety and Professional Services (DPS) has reviewed the request for case closure prepared by your consultant, Environ International Corporation, for the site referenced above. It is understood that residual soil contamination remains on site along with a residual oil sheen on the groundwater in the area of the former 30,000-gallon #6 fuel oil underground storage tank. DPS has determined that this site does not pose a significant threat to human health and the environment. No further investigation or remedial action is necessary.

During the final groundwater sampling event conducted on January 4, 2012, the preventive action limit (PAL) for Benzene was exceeded at monitoring well MW-2, at 0.61 micrograms per liter. DPS is issuing a PAL exemption, per section NR 140.28(2), Wisconsin Administrative Code, for Benzene associated with the #6 fuel oil tank at the referenced property.

The following conditions must be satisfied to obtain final closure:

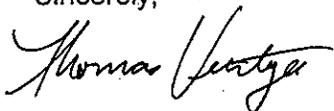
- All 4 monitoring wells must be properly abandoned within 60 days and the appropriate documentation forwarded to DPS at the letterhead address within 120 days of the date of this letter. Noncompliance with the abandonment requirement and deadline can result in enforcement action and financial penalties.

Information submitted with your closure request will be included on the Department of Natural Resources (DNR) GIS Registry of Closed Remediation Sites. All sites on the Registry can be viewed via the Remediation and Redevelopment (RR) Sites Map at <http://dnr.wi.gov/topic/Brownfields/rasm.html>. Because residual contamination remains at the time of case closure, if you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (920) 424-0025.

Sincerely,

A handwritten signature in black ink, appearing to read "Tom Verstegen". The signature is written in a cursive, flowing style.

Tom Verstegen
Hydrogeologist – Dept of Safety and Professional Services
PECFA - Site Review Section

cc: Jeanne Tarvin - Environ International Corporation

LEGAL DESCRIPTION:

Lot 1 of Certified Survey Map Number 1025, dated June 4, 1982 and recorded in the Office of the Register of Deeds for Winnebago County, Wisconsin on June 25, 1982 in Volume 1 of Survey Maps on Page 1025, as Document Number 577143; said map being part of the Northwest 1/4 and the Southwest 1/4 of the Northeast 1/4 and part of the Northeast 1/4 and Southeast 1/4 of the Northwest 1/4 of Section 33, Township 20 North, Range 17 East, in the City of Neenah, Winnebago County, Wisconsin, EXCEPTING THEREFROM that part described in Document Number 1469746 and reciting as follows:

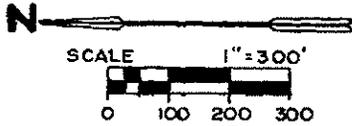
That part of the NW 1/4 of the NE 1/4, Section 33, T20N, R17E, City of Neenah, Winnebago County, Wisconsin, described as follows: Commencing at the North Quarter corner of Section 33, City of Neenah, Winnebago County, Wisconsin; Thence, North 89°51'58" East along the north line of Section 33, a distance of 119.64 feet; Thence, South 00°08'02" East, a distance of 30 feet to the South line of Cecil Street; Thence, North 89°51'58" East along the South line of Cecil Street, a distance of 291.43 feet to the east line of Canadian National Railways and the Point of beginning; Thence, South 34°18'58" West along the east line of Canadian National Railways, a distance of 83.3 feet; Thence, North 84°34'40" East, a distance of 745.3 feet to the South line of Cecil Street; Thence, South 89°51'58" West, along the south line of Cecil Street a distance of 695.0 feet to the Point of Beginning.

Tax Parcel Number: 02-0575-00-00

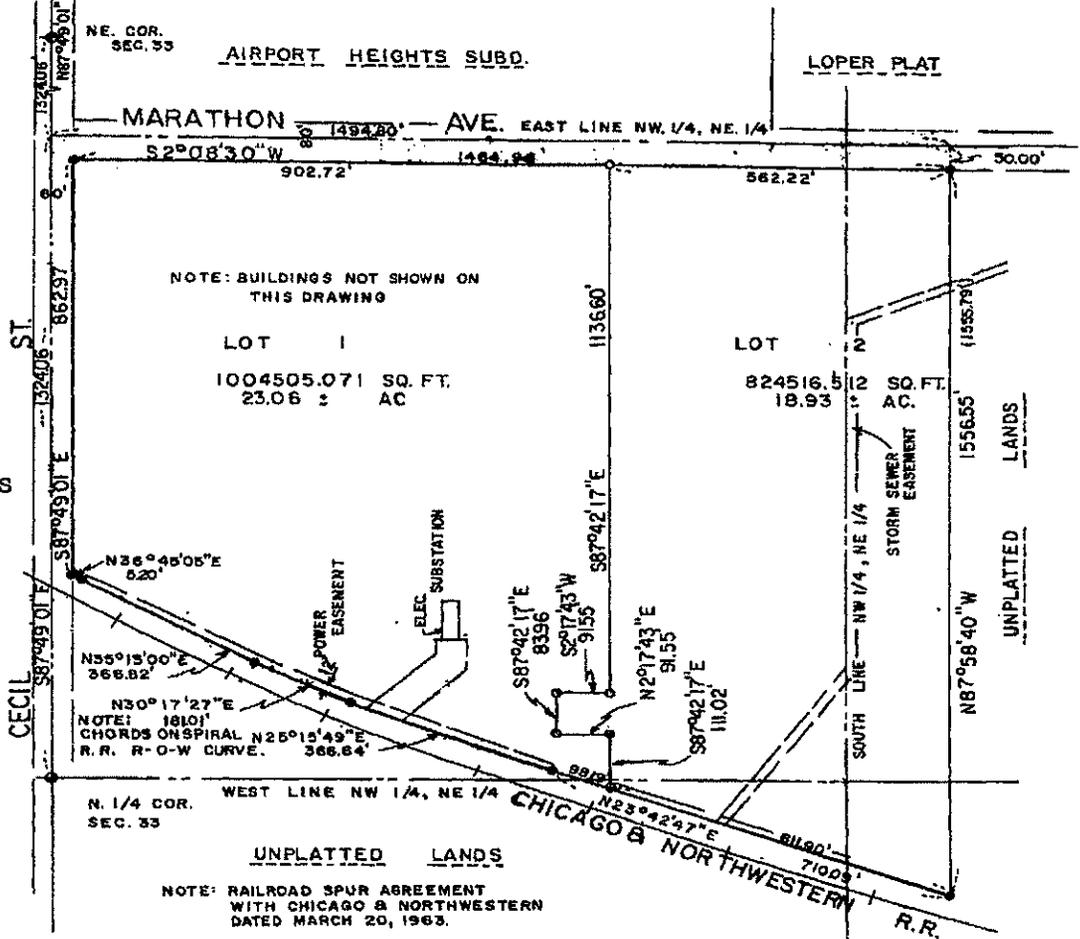
Street Address: 1815 Marathon Avenue

CERTIFIED SURVEY MAP NO. 1025

PART OF THE NORTHWEST 1/4 AND THE SOUTHWEST 1/4 OF THE NORTHEAST 1/4 AND PART OF THE NORTHEAST 1/4 AND SOUTHWEST 1/4 OF THE NORTHWEST 1/4 OF SECTION 33, TOWN 20 NORTH, RANGE 17 EAST, CITY OF NEENAH, WINNEBAGO COUNTY, WISCONSIN.



NORTH REFERENCE:
NORTH IS REFERENCED TO THE NORTH LINE OF THE NORTHEAST 1/4 OF SECTION 33 WHICH IS ASSUMED TO BEAR S 87°-49'-01" E



Legend

- 3/4 " STEEL REBAR SET, 24" LONG WEIGHING 1.502 LBS. PER LIN. FOOT
- 1 1/4" STEEL REBAR SET 30" LONG WEIGHING 4.303 LBS. PER LIN. FOOT
- ◆ BERNTSEN MONUMENT

PREPARED BY:
Martenson & Eisele, Inc.
1919 American Court
Neenah, WI 54956
Phone 414 731-0381



June 4, 1982

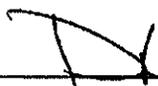
Project No. 279-5
Sheet 1 of 3

Property Owner Verification of Deed

I certify that the legal description, as entered on the attached property deed, for the Curwood Neenah site located at 1815 Marathon Avenue in Neenah, Wisconsin, is complete and accurate.

Signed this 10 day of August, 2012.

OWNER

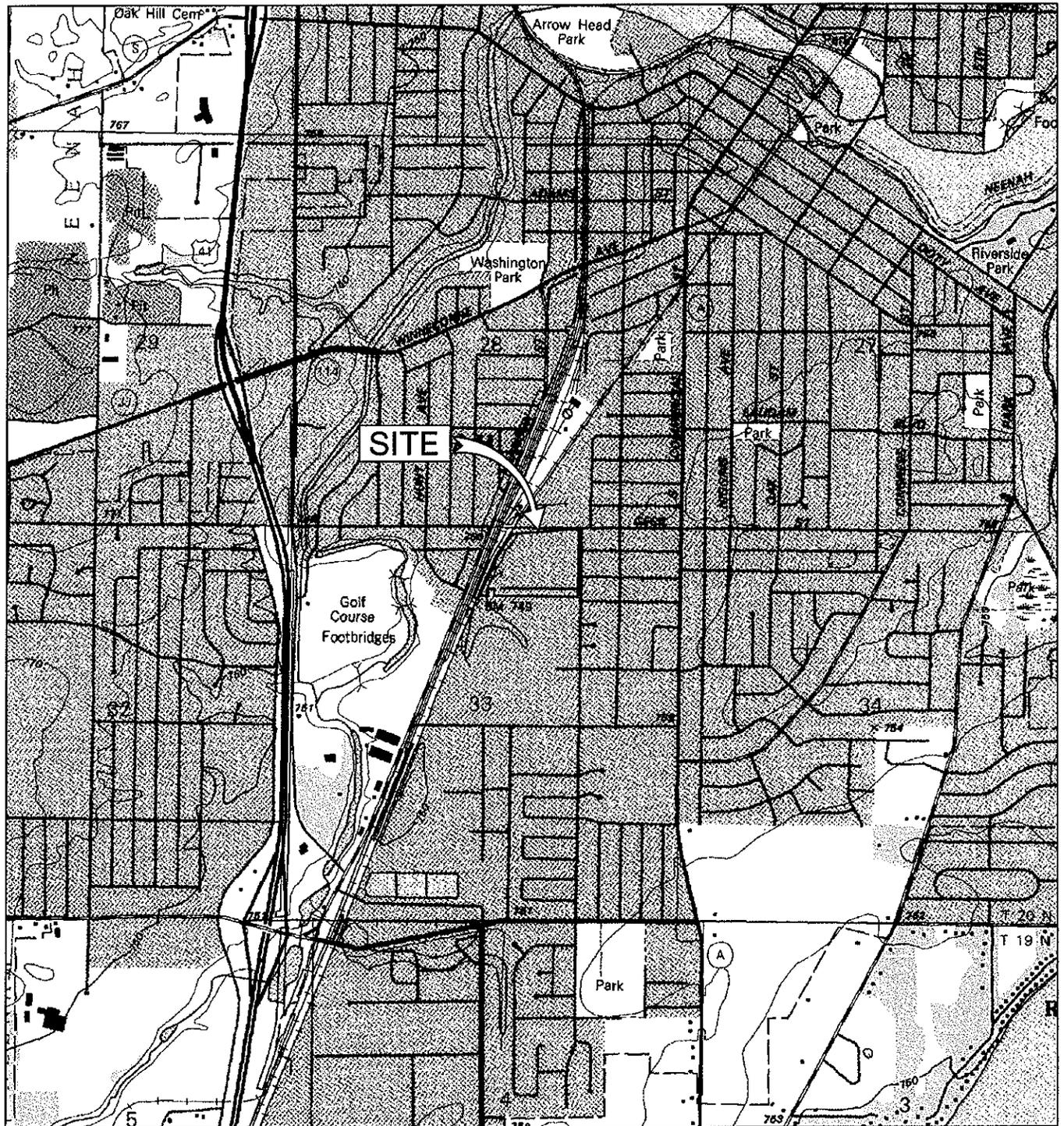
By: 

Name: Dong-Son Pham

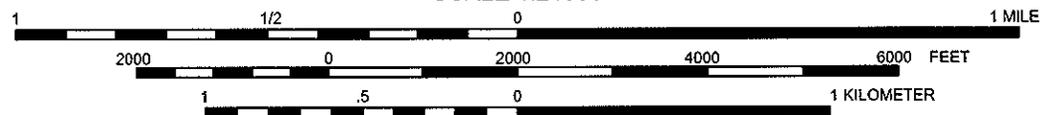
Title: Environmental Engineer

Company: Bemis Company, Inc.

Attachment: Property Deed



SCALE 1:24000



SOURCE: U.S.G.S. 7.5 minute series (topographic)
Neenah, Wisconsin Quadrangle, 1992

LEGEND	
	APPROXIMATE PROPERTY BOUNDARY

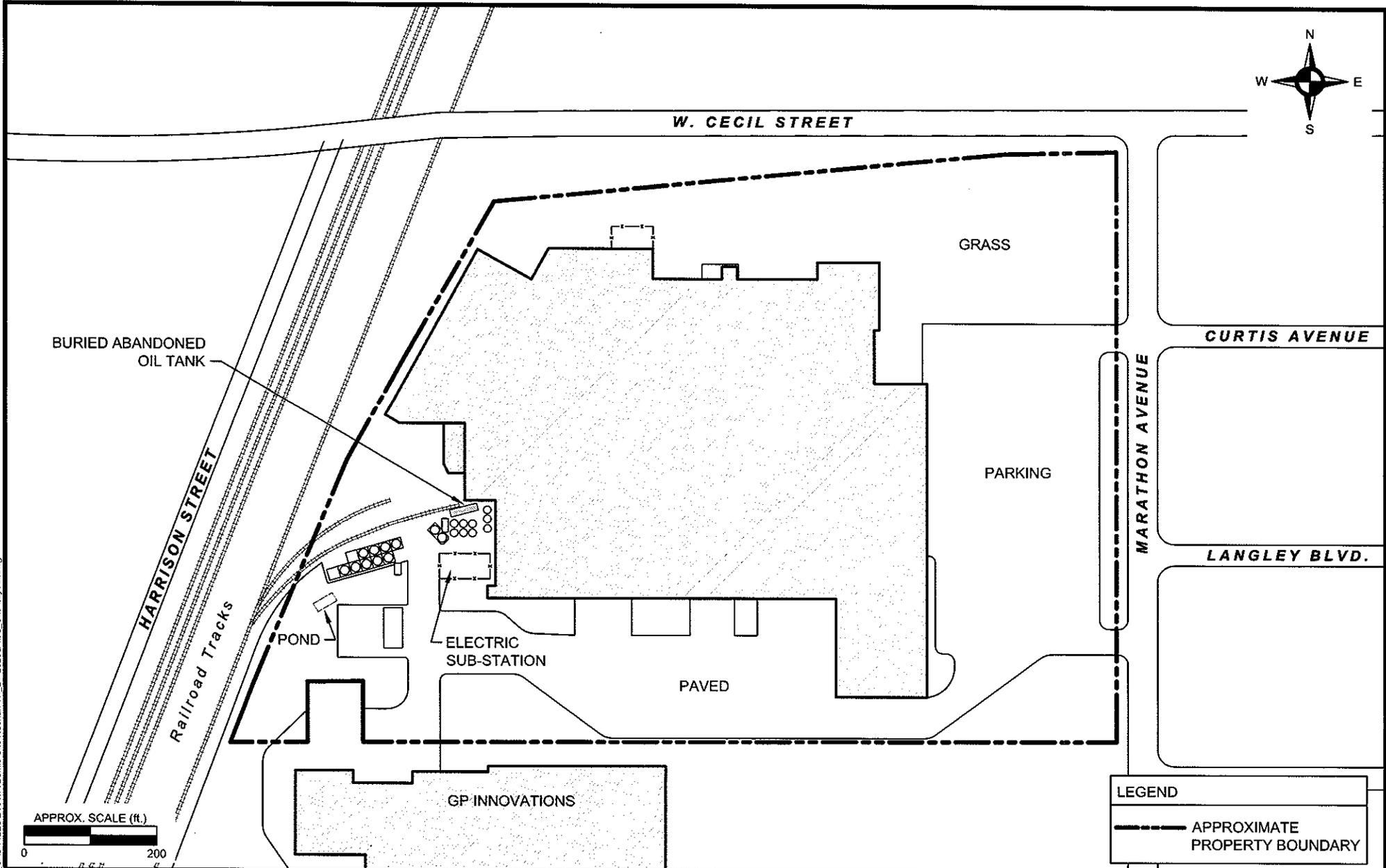
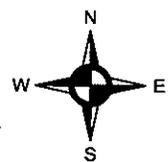
ENVIRON

SITE LOCATION MAP
RTA-BEMIS
1815 MARATHON AVENUE
NEENAH, WISCONSIN

Figure
1

L:\Loop Project Files\00_CAD FILES\21RTA Bemis Site Neenah WI_21-28252A\01_Site Location Map.dwg

L:\Loop Project Files\00_CAD FILES\21RTA Bemis Site Neenah WI_21-28252AD2_Site Layout.dwg



BURIED ABANDONED OIL TANK

HARRISON STREET
Railroad Tracks

W. CECIL STREET

GRASS

CURTIS AVENUE

PARKING

MARATHON AVENUE

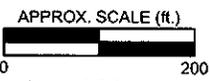
LANGLEY BLVD.

POND

ELECTRIC SUB-STATION

PAVED

GP INNOVATIONS



LEGEND	
	APPROXIMATE PROPERTY BOUNDARY

ENVIRON

SITE LAYOUT
RTA-BEMIS
1815 MARATHON AVENUE
NEENAH, WISCONSIN

Figure
2

Drafter: ELS

Date: 2/3/12

Contract Number: 21-28252A

Approved:

Revised:



MW-3
(<0.0081)

MW-2
(<0.0082)

INFERRED 0.4mg/kg
NAPHTHALENE CONTOUR

MW-1
(0.45)

BURIED ABANDONED
OIL TANK (42' X 11')

Silo 1

Silo 2

Silo D

CONTROL
HOUSE

Silo A

Silo B

Silo C

MW-4
(<0.0082)

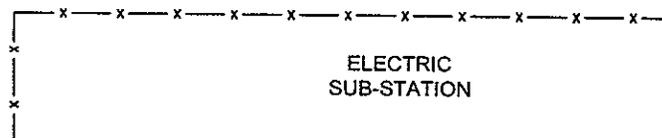
Silo G

Silo F

Silo E

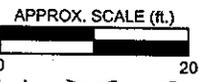
Ditch

PAVED ROAD



ELECTRIC
SUB-STATION

LEGEND	
	MONITORING WELL LOCATION
(0.45)	NAPHTHALENE (mg/kg)
	Borings with "oily water"



APPROX. SCALE (ft.)

ENVIRON

modified by Tom Versteegen DSPS 10/17/12

NAPHTHALENE CONCENTRATIONS IN SOIL

RTA-BEMIS
1815 MARATHON AVENUE
NEENAH, WISCONSIN

Figure

5

Drafter: ELS

Date: 7/3/12

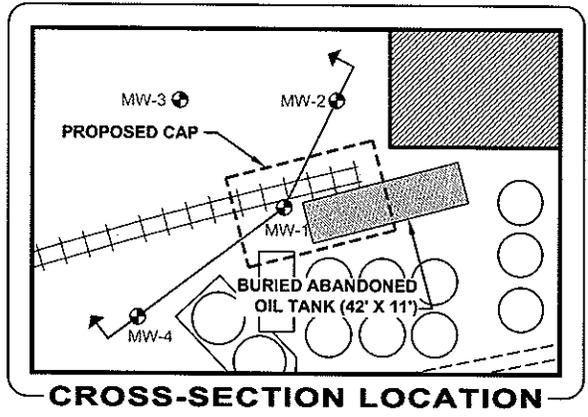
Contract Number: 21-28252A

Approved:

Revised:

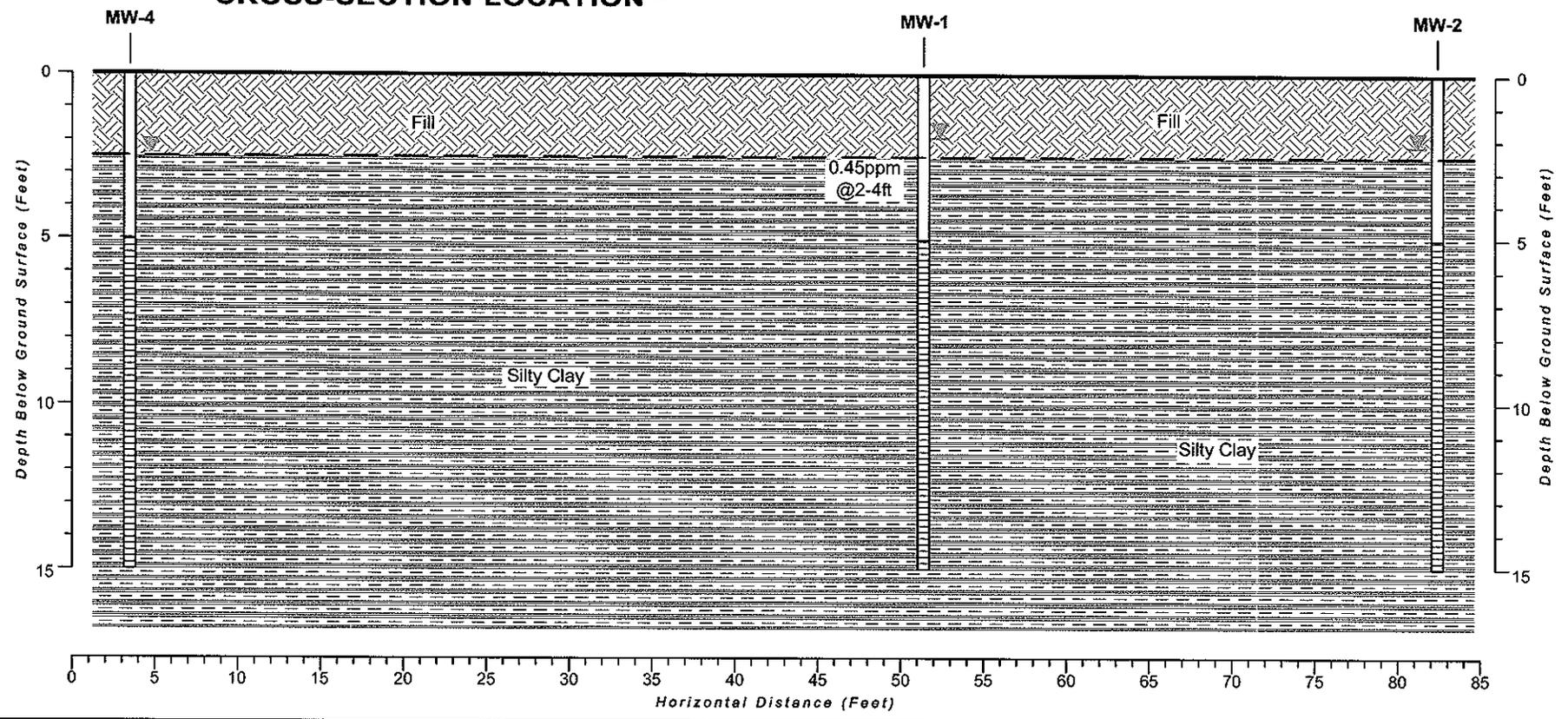
L:\Loop Project Files\00_CAD FILES\2117TA Bemis Site Neenah WI_21-28252A\05_Napthalene Concentrations in Soil.dwg

L:\Loop Project Files\00_CAD FILES\21RTA Bemis Site Neenah WI_21-28252A\06_Geological Cross-Section.dwg



LEGEND

- MONITORING WELL AND SCREENED INTERVAL
- WATER LEVEL
- 0.45ppm NAPHTHALENE CONCENTRATION @2-4ft IN SOIL (Parts per Million)



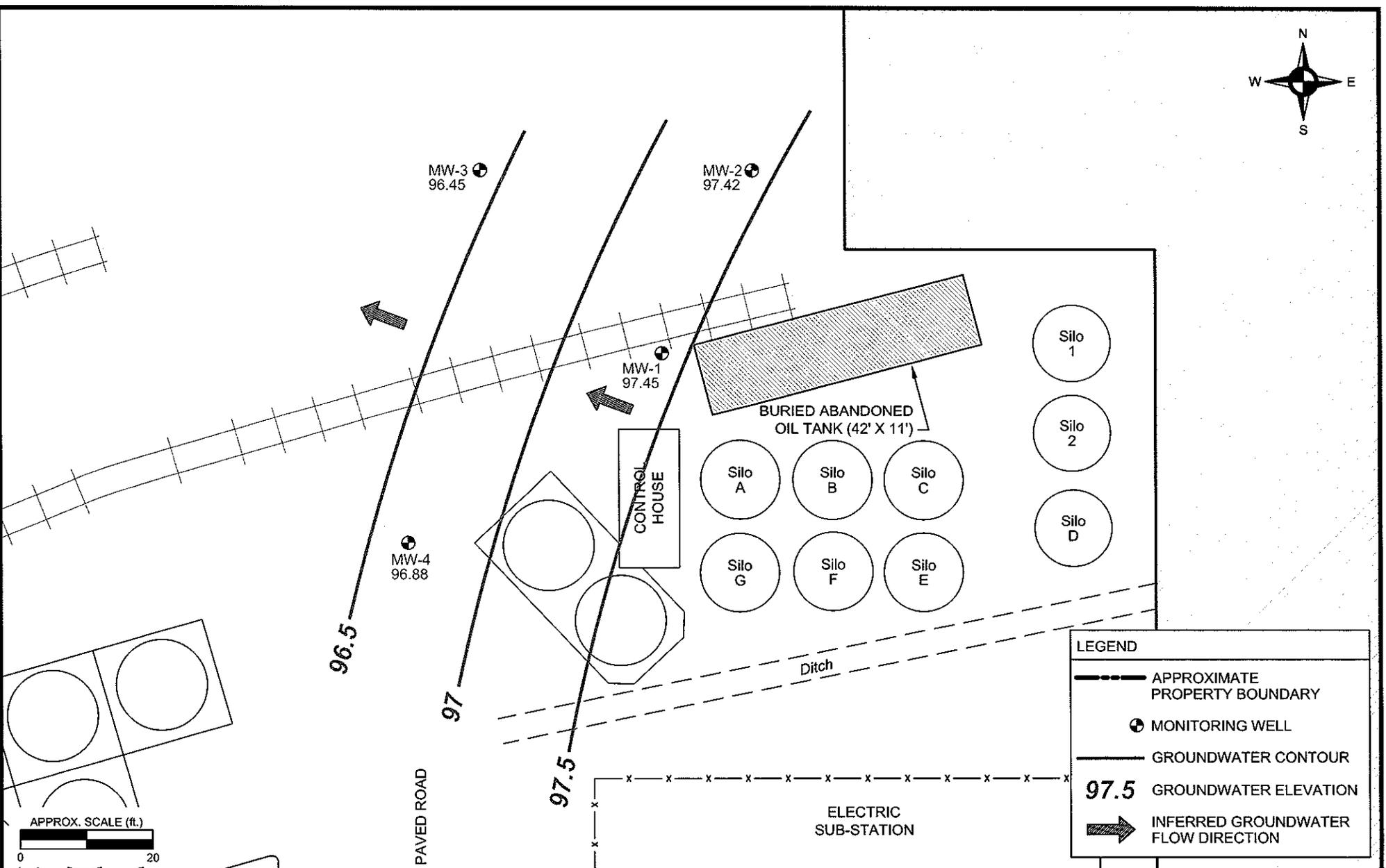
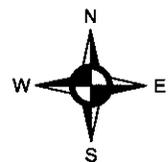
ENVIRON

GEOLOGICAL CROSS-SECTION
 RTA-BEMIS
 1815 MARATHON AVENUE
 NEENAH, WISCONSIN

Figure
6

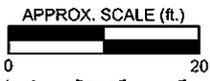
Drafter: ELS Date: 7/3/12 Contract Number: 21-28252A Approved: Revised:

L:\Loop Project Files\00_CAD FILES\211RTA Bemis Site\Neenah WI_21-28252A\04_Water Table Contour Map-Jan 4 2012.dwg



LEGEND

- APPROXIMATE PROPERTY BOUNDARY
- MONITORING WELL
- GROUNDWATER CONTOUR
- 97.5** GROUNDWATER ELEVATION
- INFERRED GROUNDWATER FLOW DIRECTION



ENVIRON

WATER TABLE CONTOUR MAP - JANUARY 4, 2012
 RTA-BEMIS
 1815 MARATHON AVENUE
 NEENAH, WISCONSIN

Figure
4

Table 2
 Laboratory Results of Soil Samples
 RTA/Bemis, Neenah, Wisconsin
 ENVIRON Project No. 21-28252A

Parameters	Generic RCLs					MW1	MW1	MW2	MW3	MW4
	Direct Contact Pathway		Volatile Inhalation		Groundwater Pathway	2-4'	6-8'	6-8'	6-8'	6-8'
	Non-Industrial	Industrial	Non-Industrial	Industrial		10/19/2011	10/19/2011	10/19/2011	10/19/2011	10/19/2011
PID/FID	--	--			--	10.0	15.0	0.0	0.0	0.0
DRO (mg/kg)	--	--	--	--	100/250	11	37	2.3 J	<1.9	1.9 J
PVOCs (µg/kg)										
Benzene	1,100 ^D	52,000	160	2,600	5.5 ^D	<31	<33	<33	<32	<32
Ethylbenzene	1,560,000	102,000,000	400,00	400,000	2,900 ^D	<31	<33	<33	<32	<32
Methyl-tert-butyl-ether	--	--	--	--	--	<31	<33	<33	<32	<32
Toluene	1,250,000	81,800,000	670,000	670,000	1,500 ^D	<31	<33	<33	<32	<32
1,2,4-Trimethylbenzene ¹	782,000	51,100,000	46,000	320,000	7573	140	<33	<33	<32	<32
1,3,5-Trimethylbenzene ¹	782,000	51,100,000	26,000	190,000	3520	<31	<33	<33	<32	<32
Xylenes, total	3,130,000	204,000,000	260,000	1,800,000	4,100 ^D	<93	<99	<99	<97	<97
PAHs (mg/kg)										
Acenaphthene	900	60,000	--	--	38	0.18	0.089	<0.013	<0.013	<0.013
Acenaphthylene	18	360	--	--	0.7	0.049	<0.0099	<0.0098	<0.0097	<0.0097
Anthracene	5,000	300,000	--	--	3,000	0.19	0.07	<0.010	<0.0099	<0.010
Benzo(a)anthracene	0.088	4	--	--	17	0.71	0.099	<0.0089	<0.0088	<0.0089
Benzo(a)pyrene	0.0088	0.39	--	--	48	0.61 ^A	0.091	<0.0077	<0.0077	<0.0077
Benzo(b)fluoranthene	0.088	4	--	--	360	0.54	0.032 J	<0.0083	<0.0082	<0.0082
Benzo(ghi)perylene	2	39	--	--	6,800	0.29	0.049	<0.014	<0.014	<0.014
Benzo(k)fluoranthene	0.88	39	--	--	870	0.38	0.012 J	<0.010	<0.010	<0.010
Chrysene	9	390	--	--	37	0.8	0.22	<0.0096	<0.0095	<0.0096
Dibenzo(a,h)anthracene	0.0088	0.39	--	--	38	0.11	<0.012	<0.012	<0.012	<0.012
Fluoroanthene	600	40,000	--	--	500	0.65	0.074	<0.017	<0.017	<0.017
Fluorene	600	40,000	--	--	100	0.37	0.16	<0.0097	<0.0096	<0.0096
Indeno(1,2,3-cd)pyrene	0.088	4	--	--	680	0.27	<0.015	<0.014	<0.014	<0.014
1-Methylnaphthalene	1,100	70,000	--	--	23	1.7	0.81	<0.021	<0.021	<0.021
2-Methylnaphthalene	600	40,000	--	--	20	1.9	0.079 J	<0.055	<0.055	<0.055
Naphthalene	20	110	--	--	0.4	0.45 ^B	0.038 J	<0.0082	<0.0081	<0.0082
Phenanthrene	18	390	--	--	2	1.2	0.61	<0.018	<0.018	<0.018
Pyrene	500	30,000	--	--	8,700	1	0.34	<0.015	<0.015	<0.015

Notes:

- DRO = Diesel Range Organics
- VOCs = Volatile Organic Compounds
- SVOCs = Semi-Volatile Organic Compounds
- ¹ Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.
- ^D Generic RCL is established under NR 720 or NR 746
- No Generic RCL established.

Generic RCLs not included in Wisconsin Administrative Code or Guidance are calculated from the US EPA Soil Screening Level Web Page and the default values contained in Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site WDNR PUB-RR-682 on May 12, 2006

Results:

- A = Exceeds Direct Contact Pathway (Industrial)
- B = Exceeds Groundwater Pathway

Table 3
 Laboratory Results of Groundwater Samples
 RTA/Bemis, Neenah, Wisconsin
 ENVIRON Project No. 21-28252A

Parameters	NR 140 Standards		MW-1		MW-1 Dup	MW-2		MW-2 Dup	MW-3	MW-4
	ES	PAL	11/3/2011	1/4/2012	11/3/2011	11/3/2011	1/4/2012	1/4/2012	11/3/2011	11/3/2011
PVOCs (µg/L)										
Benzene	5	<i>0.5</i>	<0.36	<0.25	<0.36	<i>0.93 J</i>	<i>0.70 J</i>	<i>0.61 J</i>	<0.36	<0.36
Ethylbenzene	700	<i>140</i>	0.24 J	<0.22	0.25 J	<0.22	<0.22	<0.22	<0.22	<0.22
Methyl-tert-butyl-ether	60	<i>12</i>	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23
Toluene	800	<i>160</i>	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25
1,2,4-Trimethylbenzene ¹	480	<i>96</i>	6.6	4.6	6.7	<0.25	<0.25	<0.25	<0.25	<0.25
1,3,5-Trimethylbenzene ¹	480	<i>96</i>	<0.19	1.1 J	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19
Xylene ²	2000	<i>400</i>	2.2 J	1.4 J	2.3 J	<0.39	<0.39	<0.39	<0.39	<0.39
PAHs (µg/L)										
Acenaphthene	--	--	2.7	NA	NA	<0.36	NA	NA	<0.36	<0.36
Acenaphthylene	--	--	<0.32	NA	NA	<0.32	NA	NA	<0.32	<0.32
Anthracene	3000	<i>600</i>	0.42 J	NA	NA	<0.32	NA	NA	<0.32	<0.32
Benzo(a)anthracene	--	--	<0.044	NA	NA	<0.044	NA	NA	<0.044	<0.044
Benzo(a)pyrene	0.2	<i>0.02</i>	<0.056	NA	NA	<0.056	NA	NA	<0.056	<0.056
Benzo(b)fluoranthene	0.2	<i>0.02</i>	<0.058	NA	NA	<0.058	NA	NA	<0.058	<0.058
Benzo(ghi)perylene	--	--	<0.42	NA	NA	<0.42	NA	NA	<0.42	<0.42
Benzo(k)fluoranthene	--	--	<0.074	NA	NA	<0.074	NA	NA	<0.074	<0.074
Chrysene	0.2	<i>0.02</i>	<0.14	NA	NA	<0.14	NA	NA	<0.14	<0.14
Dibenzo(a,h)anthracene	--	--	<0.064	NA	NA	0.28 J	NA	NA	<0.064	<0.064
Fluoroanthene	400	<i>80</i>	<0.32	NA	NA	<0.32	NA	NA	<0.32	<0.32
Fluorene	400	<i>80</i>	2.2	NA	NA	<0.38	NA	NA	<0.38	<0.38
Indeno(1,2,3-cd)pyrene	--	--	<0.084	NA	NA	0.26	NA	NA	<0.084	<0.084
1-Methylnaphthalene	--	--	29	NA	NA	<1.0	NA	NA	<1.0	<1.0
2-Methylnaphthalene	--	--	<0.13	NA	NA	<0.13	NA	NA	<0.13	<0.13
Naphthalene	100	<i>10</i>	0.39 J	NA	NA	<0.30	NA	NA	<0.30	<0.30
Phenanthrene	--	--	<0.35	NA	NA	<0.35	NA	NA	<0.35	<0.35
Pyrene	250	<i>50</i>	0.77 J	NA	NA	<0.48	NA	NA	<0.48	<0.48

Notes:

PVOCs = Petroleum Volatile Organic Compounds

PAHs = Polynuclear Aromatic Hydrocarbons

¹ Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.

² Standards are for Total Xylenes (-m, -p and -o).

Bold value = NR 140 Enforcement Standard Exceedance

Italic value = NR 140 WAC Preventive Action Limit Exceedance

-- No NR 140 ES or PAL established.

NA = Not analyzed

ND = Not detected

Table 1
Results of Groundwater Field Parameter Analyses
RTA/Bemis, Neenah, Wisconsin
ENVIRON Project No. 21-28252A

	Sample Date	Top of PVC Elevation	Depth to Groundwater (feet)	Groundwater Elevation (feet msl)	Dissolved Oxygen (mg/L)	ORP (Millivolts)	pH (mg/L)	Specific Conductivity (umhos/cm)	Temperature (°C)
MW-1	Top of Well Screen in Feet MSL: 94.7					Length of Well Screen: 10 ft.			
	11/3/2011	99.33	0.92	98.41	<0.1	-13	7.66	2,800	13.25
	1/4/2012	99.33	1.88	97.45	1.00	-97	7.75	3,670	6.34
MW-2	Top of Well Screen in Feet MSL: 95.01					Length of Well Screen: 10 ft.			
	11/3/2011	99.61	1.68	97.93	<0.1	69	6.45	7,460	12.03
	1/4/2012	99.61	2.19	97.42	1.71	-30	7.00	5,810	10.33
MW-3	Top of Well Screen in Feet MSL: 94.95					Length of Well Screen: 10 ft.			
	11/3/2011	99.65	6.65	93.00	2.86	175	7.16	1,990	11.81
	1/4/2012	99.65	3.20	96.45	NA	NA	NA	NA	NA
MW-4	Top of Well Screen in Feet MSL: 94.93					Length of Well Screen: 10 ft.			
	11/3/2011	99.33	1.88	97.45	<0.1	204	7.55	668	7.55
	1/4/2012	99.33	2.45	96.88	NA	NA	NA	NA	NA

Notes:

-- = Not Measurable

NA = Not Analyzed

Local Benchmark: SW Bolt at Base of Silo H. Elevation 100.00