State of Wisconsin
Department of Natural Resources
P.O. Box 7921, Madison, WI 53707-7921

GIS REGISTRY (Cover Sheet)
Form 4400-280 (R 6/13)

Source Property Information

CLOSURE DATE: 04/03/2014

BRRTS #: 02-05-169154

FID #: 40510100

ACTIVITY NAME: WI Public Service - Ashwaubenon

DATCP #:

PROPERTY ADDRESS: 2850 S Ashland Ave

PECFA#:

MUNICIPALITY: Village of Ashwaubenon

PARCEL ID #: VA-177

***WTM COORDINATES:**

X: 673517 Y: 445807

** 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)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

- [x] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*

- [ ] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property Information, Form 4400-246")*

Site Specific Obligations:

- [ ] Soil: maintain industrial zoning *(220)*

  *(**note:** soil contamination concentrations between non-industrial and industrial levels)*

- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [ ] Cover or Barrier *(222)*
  - [ ] Direct Contact
  - [ ] Soil to GW Pathway
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  *(**note:** local government unit or economic development corporation was directed to take a response action)*

Monitoring Wells:

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

(•) Yes ( ) No ( ) N/A

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

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

PLEASE ASSEMBLE IN THIS ORDER

GIS Registry Checklist

Form 4400-245 (R 8/11)

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 #: 02-05-169154 *(No Dashes)* PARCEL ID #: VA-177

ACTIVITY NAME: WI Public Service - Ashwaubenon WTM COORDINATES: X: 673530 Y: 445807

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

- [X] **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)
- [X] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** (for VPLE sites)

SOURCE LEGAL DOCUMENTS

- [X] **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.*
- [X] **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:**
- [X] **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.

- [X] **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 #: B.1.a **Title: Location Map**
- [X] **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 #: B.1.b **Title: Detailed Site Map**
- [ ] **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 #: **Title:**

BRRTS #: 02-05-169154 ACTIVITY NAME: WI Public Service - Ashwaubenon

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 #: B.3.a **Title: Geologic 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 #: B.3.b **Title: Groundwater Isoconcentration**

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

Figure #: B.3.c **Title: Groundwater Flow Direction 12/19/97**

Figure #: B.3.c **Title: Groundwater Flow Direction 04/25/13**

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 #: **Title:**

☒ **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 #: A.1 **Title: Groundwater Analytical Table**

☒ **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 #: A.7 **Title: Water Level Elevations**

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 #: 02-05-169154 ACTIVITY NAME: WI Public Service - Ashwaubenon

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)).

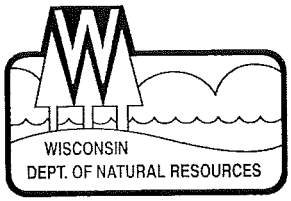
Figure #: **Title:**

☐ **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: 0

State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2984 Shawano Avenue
Green Bay WI 54313-6727

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



April 3, 2014

Ms. Stacy Brault
Wisconsin Public Service Corporation
700 North Adams Street
Green Bay, WI 54307

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
WI Public Service-2850 South Ashland Avenue, Ashwaubenon, WI
BRRTS Activity #: ~~03~~-05-169154
02

Dear Ms. Brault:

The Department of Natural Resources (DNR) considers Wisconsin Public Service (WPS) site closed, with a continuing obligation. No further investigation or remediation is required at this time. However, current and future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents or leases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR 726 and 727, Wis. Adm. Code. The DNR Northeast Region Closure Committee reviewed the request for closure on December 16, 2013. The Closure Committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. A conditional closure letter was issued by the DNR on December 26, 2013, and documentation that the conditions in that letter were met was received on March 17, 2014.

The site is a WPS service center. Contamination was detected during the removal of a 1,000-gallon waste oil underground storage tank in April 1996. Results of the site investigation did not identify soil contamination; however, groundwater monitoring during the leaky underground storage tank (LUST) investigation identified benzene above the preventative action limit (PAL) and vinyl chloride above the enforcement standard (ES) in monitoring well MW-1. The LUST case was closed in 1997 and, subsequently an environmental repair program (ERP) case was opened to investigate vinyl chloride. During the vinyl chloride investigation, additional monitoring wells were installed and monitored. During monitoring activities, petroleum free product was measured in well MW-6 in 2009 and continued to be present periodically until September 2011. No free product has been detected since September 2011.

The conditions of closure and continuing obligations required were based on the property being used for commercial/industrial purposes.

Continuing Obligation

Benzene and vinyl chloride groundwater contamination is present above ch. NR 140, Wis. Adm. Code enforcement standards. Further details on actions required are found in the section Closure Conditions. The DNR

fact sheet, "Continuing Obligations for Environmental Protection", RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

GIS Registry

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at http://dnr.wi.gov/topic/Brownfields/clean.html, to provide public notice of residual groundwater contamination. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, under the Geographic Information System (GIS) Registry layer, at the same web address.

DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09 (4) (w), Wis. Adm. Code. This requirement applies to private drinking water wells and high capacity wells. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/topic/wells/documents/3300254.pdf.

All site information is also on file at the Northeast Regional DNR office, at 2984 Shawano Avenue, Green Bay, WI. This letter and information that was submitted with your closure request application, including any maintenance plan and maps, can be found as a Portable Document Format (PDF) in BRRTS on the Web.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which WPS and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the condition included in this letter is met. If the requirement is not followed, the DNR may take enforcement action under s. 292.11, Wis. Stats. to ensure compliance with the specified requirement, limitations or other conditions related to the property.

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present on this property, as shown on attached groundwater isoconcentration map B.3.b (October 30, 2013). If you intend to construct a new well or reconstruct an existing well, prior DNR approval is needed.

General Wastewater Permits for Construction Related Dewatering Activities
The DNR's Water Quality Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits, or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at http://dnr.wi.gov/topic/wastewater/GeneralPermits.html. If residual soil or groundwater contamination is likely to affect water collected in a pit/trench that requires dewatering, a general permit for Discharge of Contaminated Groundwater from Remedial Action Operations may be needed. If water collecting in a pit/trench that requires dewatering is expected to be free of pollutants other than suspended solids and oil and grease, a general permit for Pit/Trench Dewatering may be needed.

In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,
- the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats, or
- the property owner fails to maintain or comply with the continuing obligations (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Robert Klauk at 920-662-5164 or Robert.Klauk@wisconsin.gov.

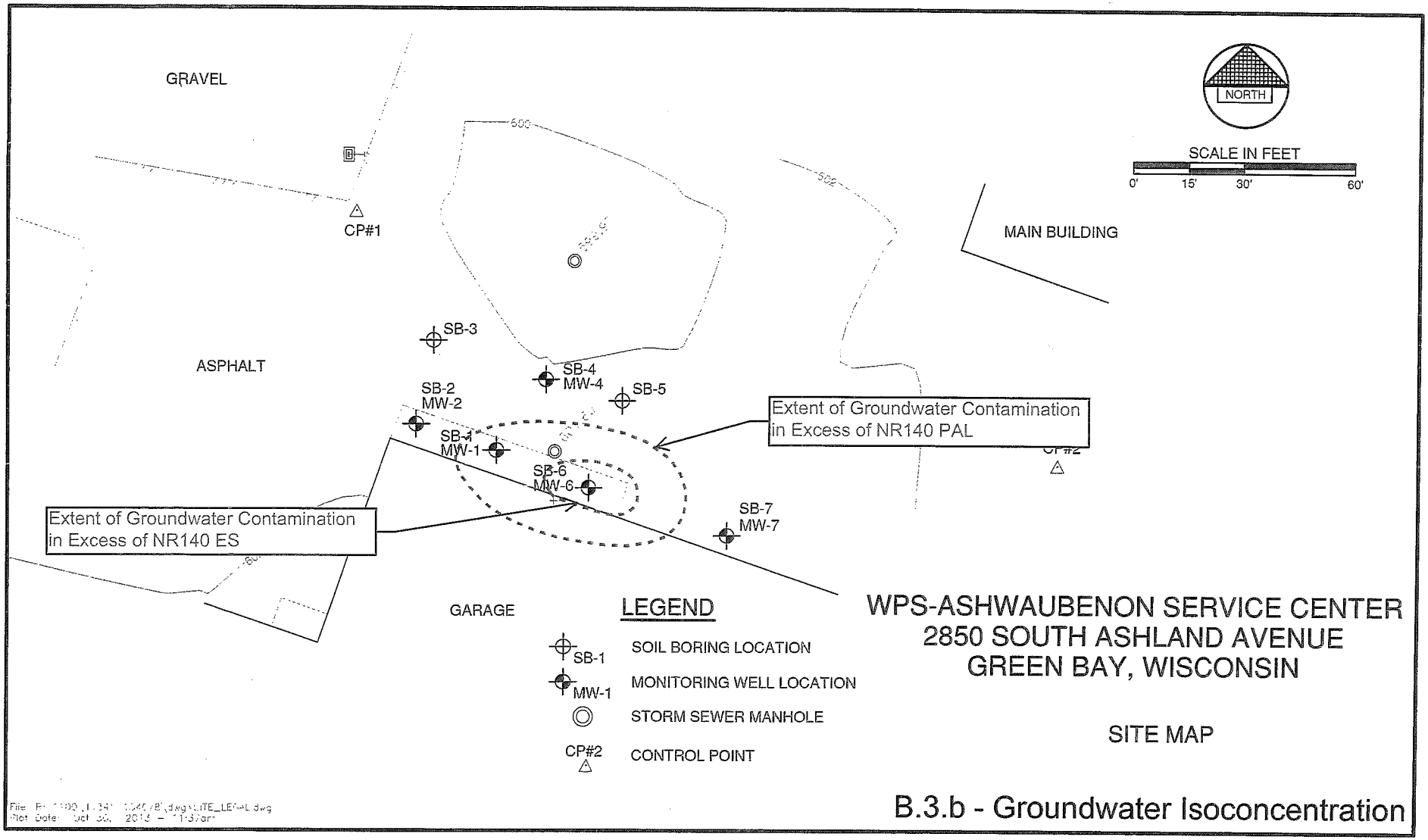
Sincerely,

Roxanne N. Chronert, Team Supervisor
Northeast Remediation & Redevelopment Program

Attachment:

- Figure B.3.b - Groundwater Isoconcentration; October 30, 2013

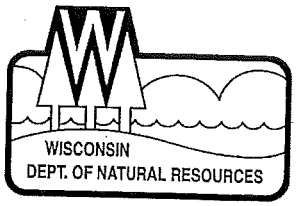
cc: Kevin R. Eibenholzl – Robert E. Lee & Associates



B.3.b - Groundwater Isoconcentration

tate of Wisconsin
EPARTMENT OF NATURAL RESOURCES
84 Shawano Avenue
een Bay WI 54313-6727

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711



December 26, 2013

Ms. Stacy Brault
Wisconsin Public Service Corporation
700 North Adams Street
Green Bay, WI 54307

Subject: Conditional Closure Decision,
With Requirements to Achieve Final Closure
WI Public Service-Ashwaubenon, 2850 S. Ashland Ave., Ashwaubenon, WI
DNR BRRTS Activity # 032-05-169154

Dear Ms. Brault:

On December 16, 2013, the Wisconsin Department of Natural Resources (DNR) Northeast Region (NER) Closure Committee reviewed your request for closure of the case described above. The NER Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the vinyl chloride and subsequent benzene contamination on the site from an underground storage tank appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with ch. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied.

MONITORING WELL ABANDONMENT

The monitoring wells at the site must be properly abandoned in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Robert Klauk on Form 3300-005, found at http://dnr.wi.gov/topic/groundwater/forms.html.

PURGE WATER REMOVAL

Any remaining purge water generated as part of site remediation activities must be removed and disposed in accordance with the applicable rules. Once that work is completed, please send appropriate documentation regarding the disposal of the remaining purge water.

COMPLETED GIS PACKET

A completed GIS packet for groundwater must be submitted.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR's Remediation and Redevelopment GIS Registry. Information that was submitted with your closure request application will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web). The site may be viewed on the Remediation and Redevelopment Sites Map (RRSM), on the GIS Registry layer. To review the site on BRRTS on the Web, or to view the GIS Registry web page, see http://dnr.wi.gov/topic/Brownfields/rrsm.html.

Please be aware that the case may be reopened, pursuant to s. NR 727.13, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment,

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 920-662-5164, or by email at Robert.Klauk@wisconsin.gov.

Sincerely,

Robert H. Klauk
Hydrogeologist
Remediation & Redevelopment Program

Kevin Eibenholzl – Robert E. Lee & Associates (electronic)

No. 1-6. Warranty Deed—Short Form (Sec. 1.2.19, Wis. Statutes) (STATE OF WISCONSIN) Form No. 3 Published by Rex Clifton Bank & Stationery Co.

644654 VOL. 733 PAGE 624

This Indenture, *Made by* RALPH PAULSON and CATHERINE PAULSON, his wife, and CLETUS J. JOHNSON and CAROLYN . JOHNSON, his wife,

grantor 8, *of* Brown *County, Wisconsin, hereby conveys and warrants to* WISCONSIN PUBLIC SERVICE CORPORATION, a Wisconsin corporation with general offices in the City of Milwaukee

grantee , *of* Milwaukee *County, Wisconsin, for the sum of* One ($1.00) Dollar and other good and valuable consideration *the following tract of land in* Brown *County, State of Wisconsin:*

A part of Lots 1 and 2, according to the recorded plat of George Langton Subdivision of the North seven-ninths of Private Claim No. 25, West Side of Fox River in the Town of Ashwaubenon, Brown County, Wisconsin and described as follows:

Commencing at the intersection of the South line of County Trunk Highway "HH"(Hansen Road), and the West line of U. S. Highway 41, thence South 29 degrees and 58 minutes and 40 seconds West along the West line of said highway 975.0 feet to the place of beginning, thence continuing South 29 degrees and 58 minutes and 40 seconds West 843.19 feet; thence North 63 degrees and 22 minutes and 08 seconds West 1481.67 feet; thence North 25 degrees and 47 minutes East, 823.49 feet, thence South 64 degrees and 03 minutes East 1543.41 feet to the place of beginning and containing 28.90 acres of land. The East 50 feet of the above-described property is subject to an access road created by deed recorded at 603 Records, page 399, Brown County Records.

Grantee assumes and agrees to pay that part of the sewer assessment outstanding against the above-described property. Grantee's assumption shall be based on the per foot assessment as originally levied and shall be computed on the basis of the length of the Easterly boundary of the above-described property, i.e. 843.19 feet.

RECORDER'S OFFICE, Brown Co., Wis.
Received for record the 6th day of May A. D. 1966 at 11:49 o'clock A. M. and recorded in Vol. 733 of Records on page 624
Harold P. Loch Register of Deeds

In Witness Whereof, the said grantor 8 have hereunto set their hands and seals this 6th day of May A. D. 1966

Signed and Sealed in Presence of

Walter B. Neufeld
Walter B. Neufeld

M. L. Van Lannen
M. L. Van Lannen

Ralph Paulson (SEAL)
Ralph Paulson

Catherine Paulson (SEAL)
Catherine Paulson

Cletus J. Johnson (SEAL)
Cletus J. Johnson

Carolyn J. Johnson (SEAL)
Carolyn J. Johnson

State of Wisconsin,
Brown County, } ss.

Personally came before me, this 6th *day of* May *A. D., 1966 the above named* Ralph Paulson and Catherine Paulson, his wife, and Cletus J. Johnson and Carolyn . Johnson, his wife, *to me known to be the persons who executed the foregoing instrument and acknowledged the same*

Walter B. Neufeld
Walter B. Neufeld
Notary Public, Brown *County, Wis.*
My commission expires Feb. 15th *A. D.* 1970

Drafted by R. W. Schaefer

[illegible]

VA-178-9
J26616-19
363,849 SF
LOT 2
26CSM17
J26616-21
73,003
290,846
VA-178-3
J17328-19
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PARCEL II
VA-177
733R624
27,151 AC
VA-177-2
604R18
2.604 AC
J27249-31
0.544
4.431
VA-177-3
J11460-12
4.975 AC
VA-176
341D427
15,587 AC
VA-186
5.536 AC
VA-173
6,476 AC
J20041-35
VA-188-5
J12887-44
14.539 AC
VA-188-1
874R36
1.965 AC
VA-188-6
LOT 1
19CSM31
29,041 SF
BAETEN RD
BUS. USH 41
J05196-45
880R486
880R490
MEAD

STATEMENT OF PROPERTY LEGAL DESCRIPTION

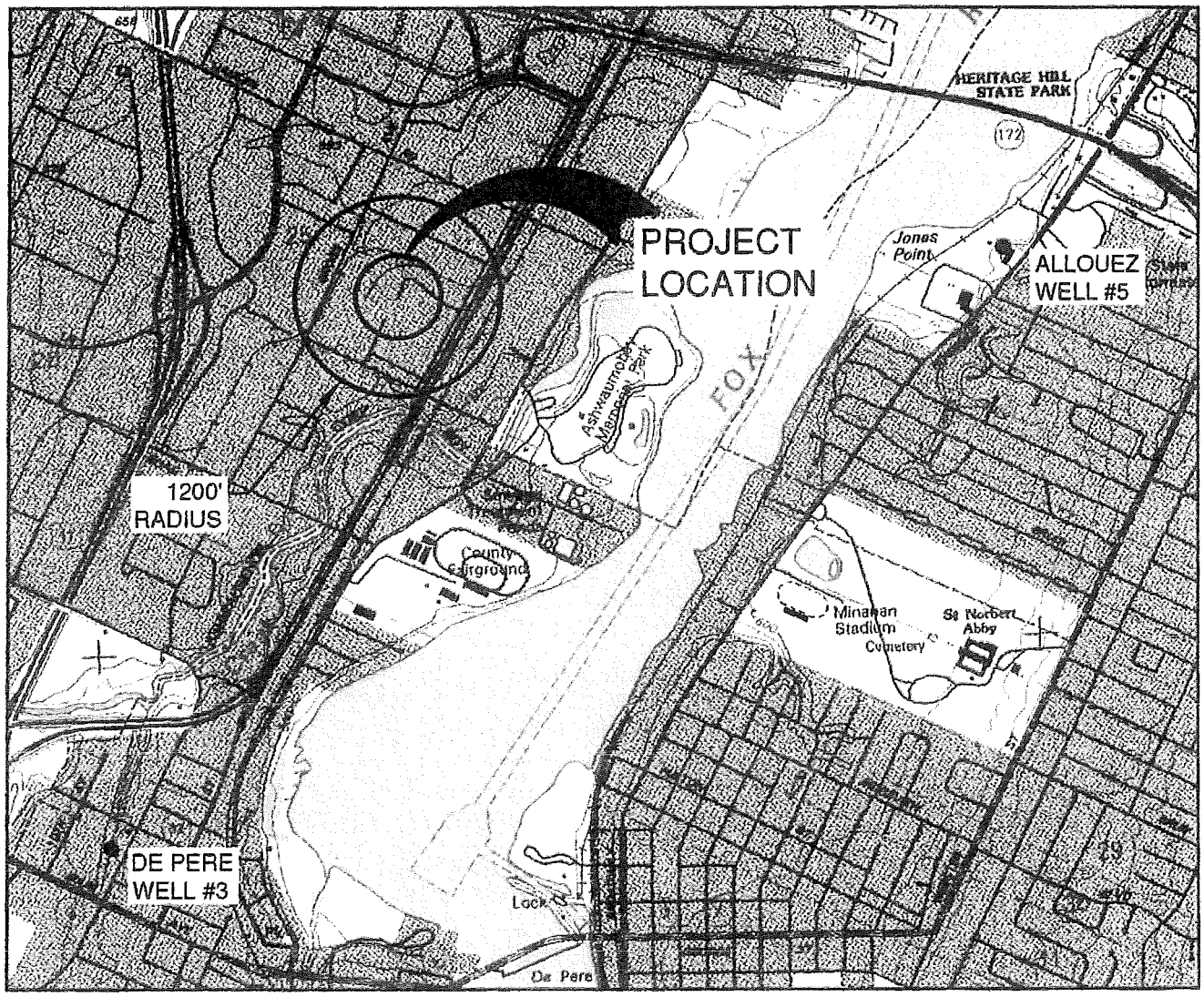
Wisconsin Public Service Corporation is providing this signed statement as it relates to the Wisconsin Public Service Corporation property located at 2850 South Ashland Avenue, Green Bay, Wisconsin (the Site) and BRRTS case #02-05-169154. This is believed to be the only property that is within, or partially within, the contaminated Site's boundaries and it is believed that the legal description described on the attached property deed for the Site is complete and accurate.

Stacy Brault
Signature

11-7-13
Date

Stacy Brault
Name

Environmental Consultant
Title



B.1.a - LOCATION MAP

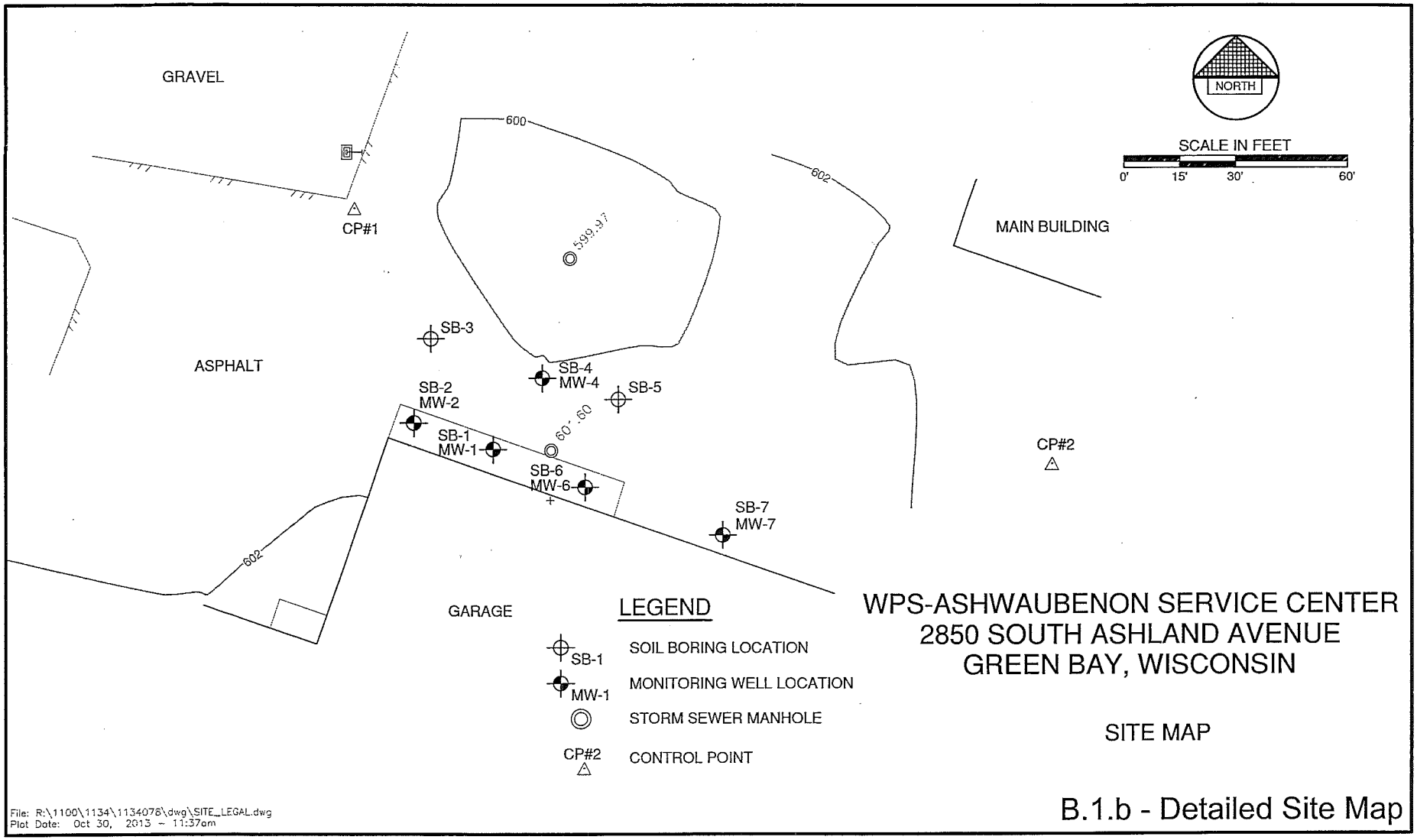
WISCONSIN PUBLIC SERVICE
ASHWAUBENON SERVICE CENTER
2850 SOUTH ASHLAND AVENUE
GREEN BAY, WISCONSIN

NORTH

1" = 2000'

MAP USED - DE PERE - 1992

R:\1100\1134\1134078\dwg\LOCATION.dwg – RAT – 03/16/05

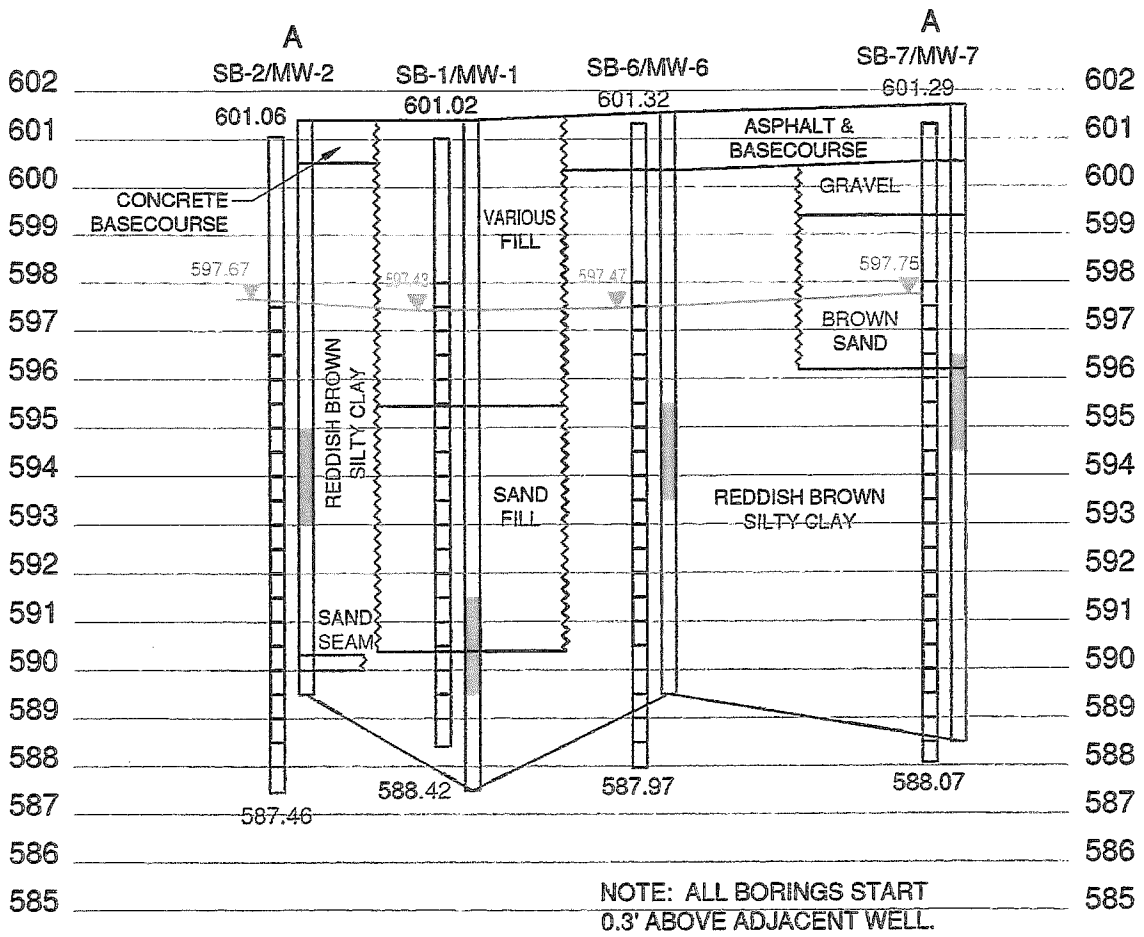


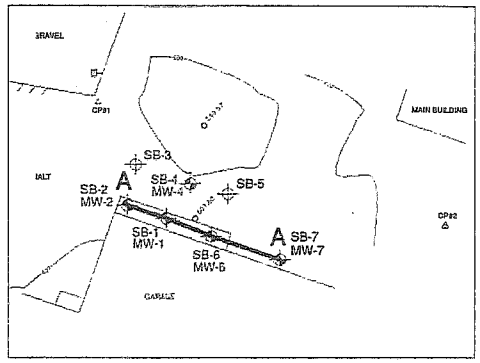
WPS-ASHWAUBENON SERVICE CENTER
2850 SOUTH ASHLAND AVENUE
GREEN BAY, WISCONSIN

SITE MAP

File: R:\1100\1134\1134078\dwg\SITE_LEGAL.dwg
Plot Date: Oct 30, 2013 - 11:37am

B.1.b - Detailed Site Map





SCALE

VERTICAL 1" = 3'
HORIZONTAL 1" = 20'

LEGEND

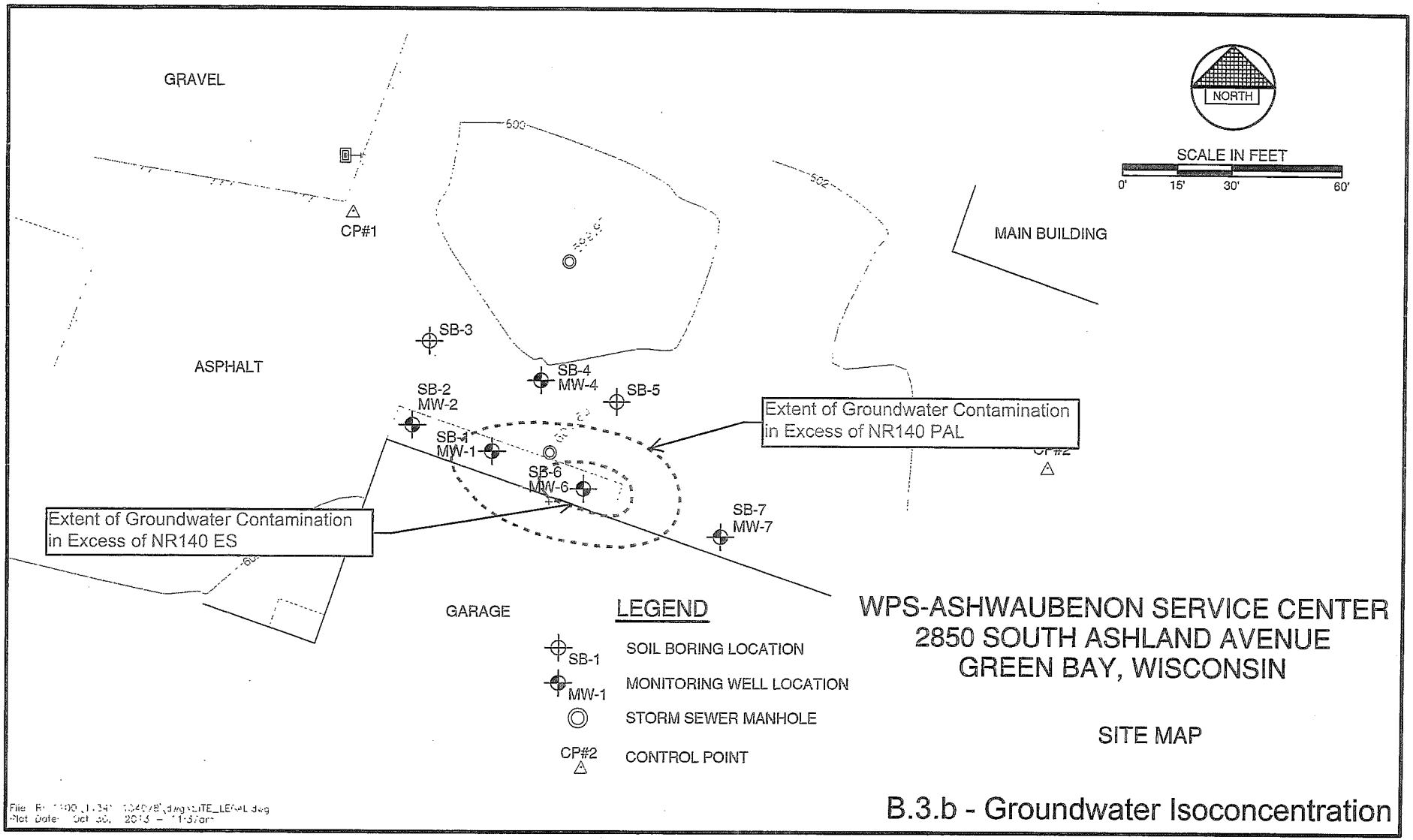
- BELOW NR720 SOIL STANDARDS
- NR720 SOIL STANDARD EXCEEDANCE
- GROUNDWATER LEVEL

WI PUBLIC SERVICE
ASHWAUBENON SERVICE CENTER
2850 SOUTH ASHLAND AVENUE
GREEN BAY, WISCONSIN

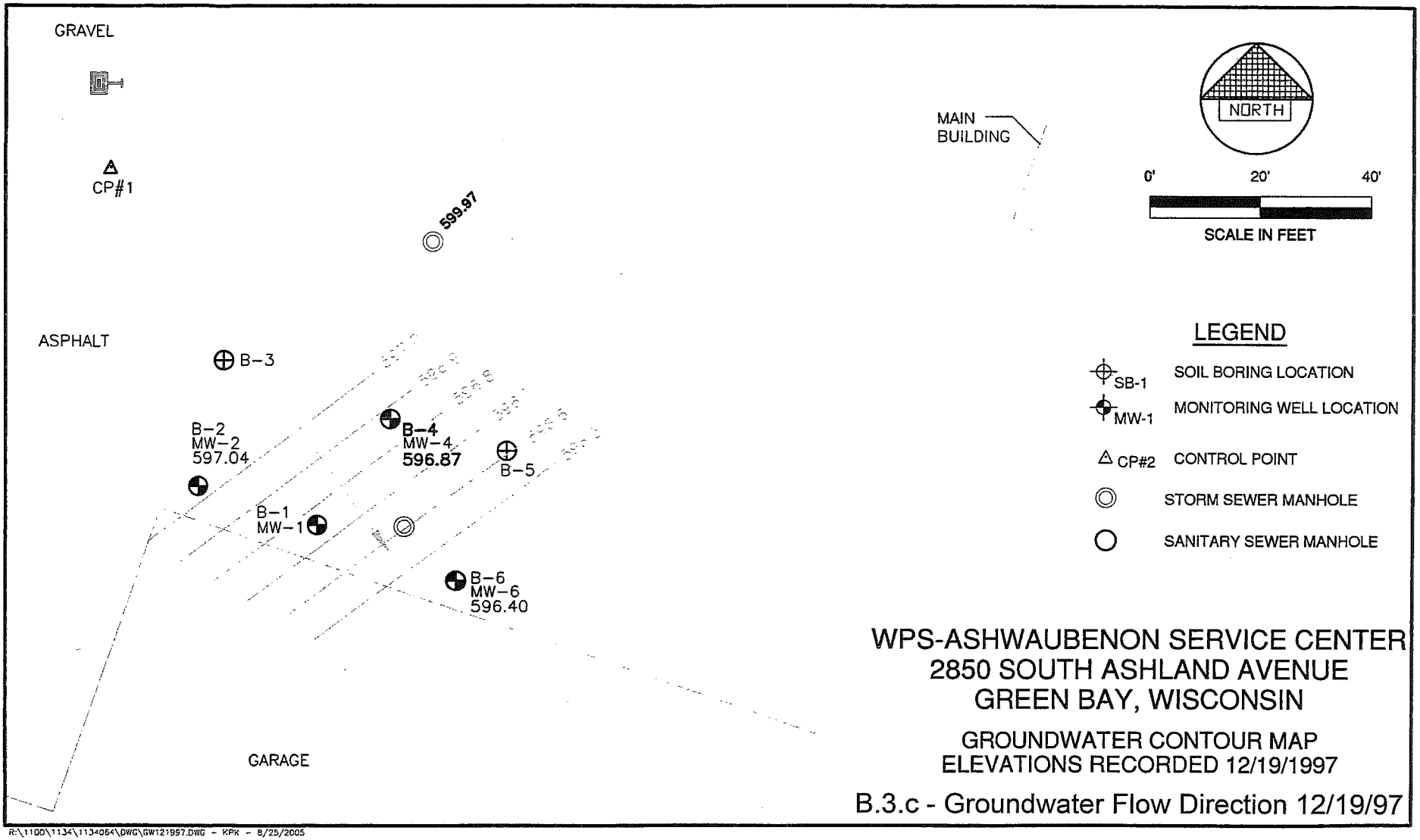
GEOLOGIC CROSS SECTION
03/28/00

R:\1100\1134\1134078\dwg\XSECT_032800.dwg - RAT - 03/17/05

B.3.a - Geologic Cross-Section



B.3.b - Groundwater Isoconcentration

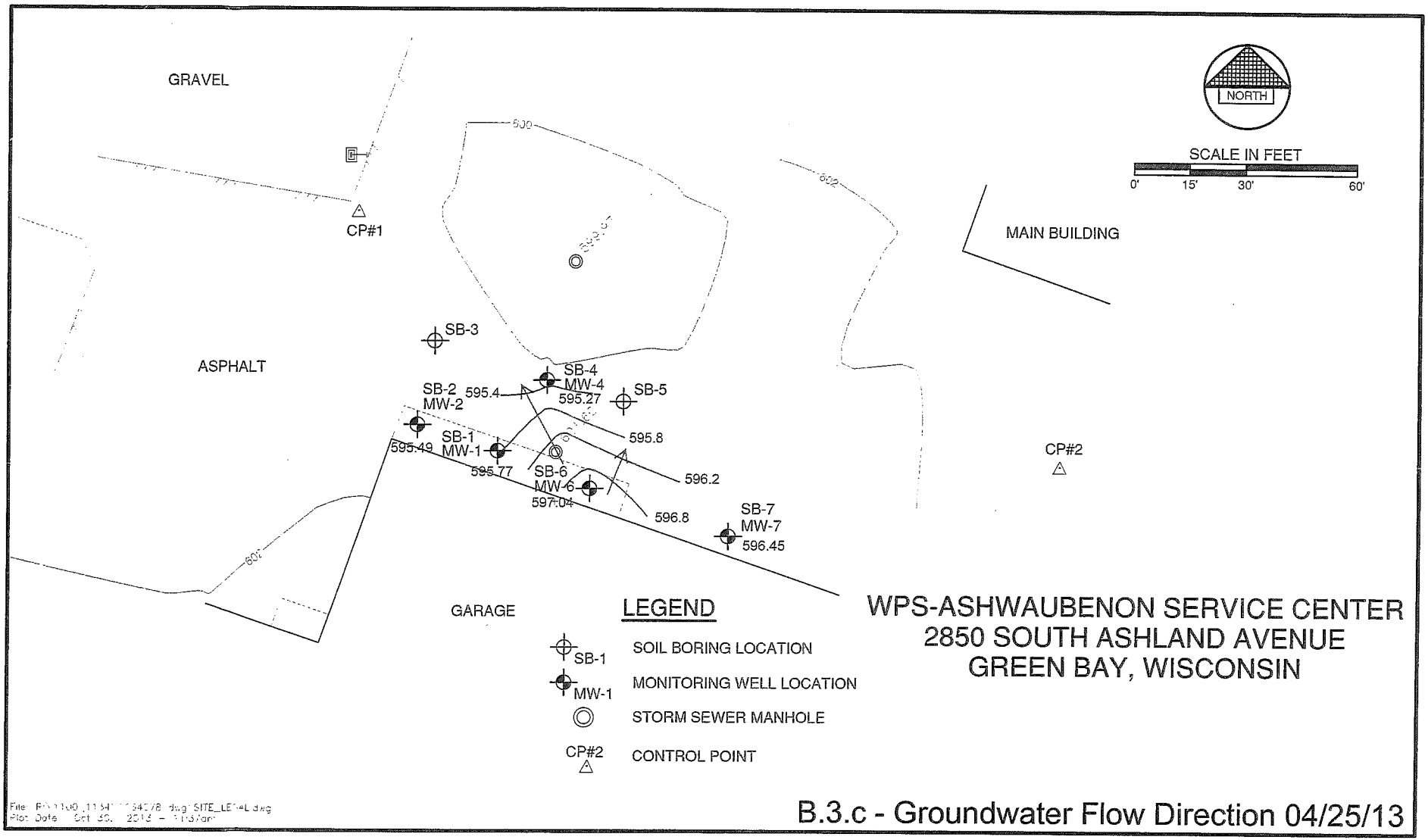


WPS-ASHWAUBENON SERVICE CENTER
2850 SOUTH ASHLAND AVENUE
GREEN BAY, WISCONSIN

GROUNDWATER CONTOUR MAP
ELEVATIONS RECORDED 12/19/1997

B.3.c - Groundwater Flow Direction 12/19/97

R:\1100\1134\1134064\DWG\GW121997.DWG - KPK - 8/25/2005



File: P\...\SITE_LEVEL.dwg
Plot Date: Oct 30, 2013

B.3.c - Groundwater Flow Direction 04/25/13

A.1 - Groundwater Analytical Table: WPS-Ashwaubenon Vinyl Choride Site

Parameter	NR 140 ES	NR 140 PAL	MW-1																	
			10/15/97	2/3/98	4/3/98	7/14/98	10/12/98	1/4/99	4/13/99	7/8/99	1/18/00	2/19/01	3/21/05	10/12/06	1/5/07	4/19/07	4/8/09	6/30/10	09/28/2010	12/10/2010	04/25/2013
VOCs (µg/L)																				
Benzene	5	0.5	NA	*0.8*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.41	*4.2*	*4.6*	*2.8*	*1.99*
1,2Dichlorobenzene	600	60	NA	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	1.9	3.6	2.1	1.44
1,4Dichlorobenzene	75	15	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.95	<0.95	1.1	<0.95	0.52 J
1,1 Dichloroethane	850	85	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.7	4.3	4.3	3.5	2.27
Cis-1,2-DCE	70	7	NA	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.83	<0.83	<0.83	<.83	<0.38
Vinyl Chloride	0.2	0.02	**2.1**	<0.1	<0.1	**5.9**	**1.44**	**1.38**	<0.31	**0.99**	**0.32**	**0.39**	**0.49**	<0.17	**0.29**	<0.18	<0.18	**0.82**	**0.79 J**	**0.35 J**	<0.18
Chlorobenzene	NE	NE	NA	NA	NA	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NA	NA	1.4	0.705	0.44 J
2-Chlorotoluene	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.22 J
Geochemical Parameters																				
Nitrate	NE	NE	NA	NA	NA	<0.004	<0.004	<0.004	<0.0046	<0.0046	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	54	37	32	36	39	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DO (mg/L)	NE	NE	NA	NA	NA	1	0.4	0.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	1.42	0.17	0.17	0.18	0.44
Iron	NE	NE	NA	NA	NA	0.8	1	0.2	0.4	0.3	0.2	0.3	0.1	0.3	0.3	0.3	NA	NA	NA	NA	NA

NE = Not Established
VOCs = Volatile Organic Compounds
PAHs = Polynuclear Aromatic Hydrocarbons
PAL = Chapter NR140 Preventive Action Limit
ES = Chapter NR140 Enforcement Standard
100 = Exceeds the Chapter NR140 ES
10 = Exceeds the Chapter NR140 PAL

DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential
µg/L = Micrograms per liter
mg/L = Milligrams per liter
mV = Millivolts
umho/cm = Microsiemens per centimeter
J = Analyte detected between Limit of Detection and Limit of Quantitation

A.1 - Groundwater Analytical Table: WPS-Ashwaubenon Vinyl Choride Site

Parameter	NR 140 ES	NR 140 PAL	MW-2														
			12/19/97	2/3/98	4/3/98	7/14/98	10/12/98	1/4/99	4/13/99	7/8/99	1/18/00	2/19/01	3/21/05	4/8/09	6/30/10	09/28/2010	12/10/2010	04/25/2013
VOCs (µg/L)																		
Benzene	5	0.5	<0.19	*0.8*	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.41	<0.41	<0.41	<0.41	<0.24
1,2Dichlorobenzene	600	60	<0.38	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.83	<0.83	<0.83	<0.83	<0.36
1,4Dichlorobenzene	75	15	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.95	<0.95	<0.95	<0.95	<0.3
1,1 Dichloroethane	850	85	NA	5.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.75	<0.75	<0.75	<0.75	<0.3
Cis-1,2-DCE	70	7	NA	0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.83	<0.83	<0.83	<0.83	<0.38
Vinyl Chloride	0.2	0.02	<0.31	<0.4	<0.1	<0.31	<0.31	<0.31	<0.31	<0.14	<0.1	<0.23	<0.18	<0.4	<0.4	<0.18	<0.18	<0.18
Dichlorodifluoromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.4	1	6.6
Geochemical Parameters																		
Nitrate	NE	NE	NA	NA	NA	1.9	2	1.9	1.9	1.5	1.6	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	82	83	84	82	79	81	NA	NA	NA	NA	NA	NA	NA
DO (mg/L)	NE	NE	NA	NA	NA	3.5	2.6	2.7	2.8	2.5	3.5	2.3	3	NA	NA	1.27	1.77	1.64
Iron	NE	NE	NA	NA	NA	0.1	0.1	0.1	0.1	0.3	0.1	0.1	0.2	0.2	0.2	N/A	N/A	NA

NE = Not Established
VOCs = Volatile Organic Compounds
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100 = Exceeds the Chapter NR140 ES
10 = Exceeds the Chapter NR140 PAL

DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential
µg/L = Micrograms per liter
mg/L = Milligrams per liter
mV = Millivolts
umho/cm = Microsiemens per centimeter
J = Analyte detected between Limit of Detection and Limit of Quantitation

A.1 - Groundwater Analytical Table: WPS-Ashwaubenon Vinyl Choride Site

Parameter	NR 140 ES	NR 140 PAL	MW-4															
			12/19/97	2/3/98	4/3/98	7/14/98	10/12/98	1/4/99	4/13/99	7/8/99	1/18/00	2/19/01	3/21/05	4/8/09	6/30/10	09/28/2010	12/10/2010	04/25/2013
VOCs (µg/L)																		
Benzene	5	0.5	<0.19	<.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.41	<0.41	<0.41	<0.41	<0.24
1,2Dichlorobenzene	600	60	<0.38	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.83	<0.83	<0.83	<0.83	<0.36
Dichlorodifluoromethane	1,000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11.1	22.2	24.9	31.2	6.4
1,4Dichlorobenzene	75	15	<0.45	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.95	<0.95	<0.95	<0.95	<0.3
1,1 Dichloroethane	850	85	0.9	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.75	<0.75	<1.0	1.6	2.19
Cis-1,2-DCE	70	7	<0.19	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.83	<0.83	<0.83	<0.83	<0.38
Vinyl Chloride	0.2	0.02	<0.31	<0.4	<0.1	<0.31	<0.31	<0.31	<0.31	<0.14	<0.14	<0.23	<0.18	<0.18	<0.14	<0.18	<0.18	<0.18
Geochemical Parameters																		
Nitrate	NE	NE	NA	NA	NA	1.15	<0.004	<0.004	<0.004	0.087	<0.14	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	141	120	119	135	106	108	NA	NA	NA	NA	NA	NA	NA
DO (mg/L)	NE	NE	NA	NA	NA	3.8	1	3.4	1	1.8	1.7	0.8	2.5	0.48	0.17	0.23	0.26	0.89
Iron	NE	NE	NA	NA	NA	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	NA	NA	NA	NA	NA

NE = Not Established
VOCs = Volatile Organic Compounds
PAHs = Polynuclear Aromatic Hydrocarbons
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100 = Exceeds the Chapter NR140 ES
10 = Exceeds the Chapter NR140 PAL

DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential
µg/L = Micrograms per liter
mg/L = Milligrams per liter
mV = Millivolts
umho/cm = Microsiemens per centimeter
J = Analyte detected between Limit of Detection and Limit of Quantitation

A.1 - Groundwater Analytical Table: WPS-Ashwaubenon Vinyl Choride Site

Parameter	NR 140 ES	NR 140 PAL	MW-6																	
			10/15/97	2/3/98	4/3/98	7/14/98	10/12/98	1/4/99	4/13/99	7/8/99	1/18/00	2/19/01	3/21/05	10/12/06	1/5/07	4/19/07	4/8/09	6/30/10	09/28/2010	12/10/2010	04/25/2013
VOCs (ug/L)																				
Benzene	5	0.5	<0.19	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.5	7.2	7.7	7	10	7.7
Chloroethane	400	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	6.1	15.8	10.7	9.3	12.5
1,2Dichlorobenzene	600	60	<0.38	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.1	<0.83	<0.83	<0.83	<0.83	<0.36
1,4Dichlorobenzene	75	15	<0.45	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.8	<0.95	<0.95	<0.95	<0.95	<0.3
1,1 Dichloroethane	850	85	2.77	6.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	26	22.5	10	7.1	13.2	4.7
Cis-1,2-DCE	70	7	0.94	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12	<0.83	<0.20	<0.83	<0.83	<0.38
Ethlybenzene	700	140	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2.7	0.94J	0.75J	0.79J	1.0	0.70 J
Naphthalene	40	8	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.7	<0.89	<0.89	<0.89	<0.89	<1.7
n-Propylbenzene	-	-	<0.36	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<4.6	<0.81	<0.81	<0.81	<0.81	0.28 J
Toluene	1,000	200	0.6	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13	5.3	5.5	5.4	8.3	3.3
Trichloroethene	5	0.5	ND	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	0.48J	<0.48	<0.48	<0.48	<0.33
Trimethylbenzenes	1,480	96	2.69	2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<8.9	2.1	0.88J	0.88J	<0.97	<3.6
Vinyl Chloride	0.2	0.02	<0.31	<0.4	1	13.6	4.28	6.15	15.3	37	73	109	20	3.3	34	89	<0.18	<0.18	<0.18	<0.18	<0.18
Xylenes	10000	1000	2.1	<0.1	<0.1	5.9	1.44	1.38	<0.31	0.99	0.32	0.39	0.49	<0.17	0.29	<0.18	1.9	1.6	<1.80	1.50	2.22 J
Geochemical Parameters																					
Nitrate	NE	NE	NA	NA	NA	0.066	<0.004	<0.004	<0.0046	<0.0046	<0.14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	37	11	11	15	39	35	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
DO (mg/L)	NE	NE	NA	NA	NA	0	1.7	1.4	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	NA	NA	NA
Iron	NE	NE	NA	NA	NA	0.1	0.3	1	1	0.3	0.2	0.3	0.1	0.3	0.3	0.3	NA	NA	NA	NA	NA

NE = Not Established
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mg/L = Milligrams per liter
mV = Millivolts
umho/cm = Microsiemens per centimeter
J = Analyte detected between Limit of Detection and Limit of Quantitation

A.1 - Groundwater Analytical Table: WPS-Ashwaubenon Vinyl Choride Site

Parameter	NR 140 ES	NR 140 PAL	MW-7							
			1/18/00	2/19/01	3/21/05	4/8/09	6/30/10	09/28/2010	12/10/2010	04/25/2013
VOCs (µg/L)										
Benzene	5	0.5	NA	NA	NA	<0.41	<0.41	<0.41	<0.41	<0.24
Chloroethane	400	80	NA	NA	NA	<0.97	<0.97	<0.97	<0.97	<0.63
1,2Dichlorobenzene	600	60	NA	NA	NA	<0.83	<0.83	<0.83	<0.83	<0.36
1,4Dichlorobenzene	75	15	NA	NA	NA	<0.95	<0.95	<0.95	<0.95	<0.3
1,1 Dichloroethane	850	85	NA	NA	NA	<0.75	<0.75	<0.75	<0.75	<0.3
Cis-1,2-DCE	70	7	NA	NA	NA	<0.83	<0.83	<0.83	<0.83	<0.38
Ethlybenzene	700	140	NA	NA	NA	<0.54	<0.54	<0.54	<0.54	<0.55
Naphthalene	40	8	NA	NA	NA	<0.89	<0.89	<0.89	<0.89	<1.7
n-Propylbenzene	-	-	NA	NA	NA	<0.81	<0.81	<0.81	<0.81	<0.25
Toluene	1,000	200	NA	NA	NA	<0.67	<0.67	<0.67	<0.67	<0.69
Trichloroethene	5	0.5	NA	NA	NA	<0.48	<0.48	<0.48	<0.48	<0.33
Trimethylbenzenes	1,480	96	NA	NA	NA	<0.97	<0.97	<1.8	<1.8	<3.6
Vinyl Chloride	0.2	0.02	<0.14	<0.23	<0.18	<0.18	<0.18	<0.18	<0.18	<0.18
Geochemical Parameters										
Nitrate	NE	NE	0.78	NA	NA	NA	NA	NA	NA	NA
Sulfate	NE	NE	120	NA	NA	NA	NA	NA	NA	NA
DO (mg/L)	NE	NE	7.7	5	7.5	0.5	0.1	1.17	1.5	5.75
Iron	NE	NE	0.2	0.2	0.2	0.7	0.1	0.1	NA	NA

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DO = Dissolved Oxygen
ORP = Oxidation Reduction Potential
µg/L = Micrograms per liter
mg/L = Milligrams per liter
mV = Millivolts
umho/cm = Microsiemens per centimeter
J = Analyte detected between Limit of Detection and Limit of Quantitation

A.7 - Water Level Elevations: WPS-Ashwaubenon Vinyl Choride Site

Well	PVC Elev.	Bottom Depth (ft)	Screen Length (ft)	02/03/1998		04/03/1998		07/14/1998		10/12/1998		01/04/1999		04/13/1999		07/08/1999	
				Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.
MW-1	601.35	12.6	10	4.56	596.79	3.29	598.06	3.93	597.42	4.25	597.1	5.65	595.7	3.83	597.52	4.02	597.33
MW-2	601.33	13.6	10	4.62	596.71	3.35	597.98	3.75	597.58	3.76	597.57	5.42	595.91	3.62	597.71	3.85	597.48
MW-4	600.72	13.3	10	3.8	596.92	2.82	597.9	3.27	597.45	3.42	597.3	5.25	595.47	3.35	597.37	3.9	596.82
MW-6	601.43	13.35	10	4.55	596.88	3.15	598.28	3.84	597.59	4.53	596.9	5.86	595.57	3.75	597.68	4.15	597.28

Well	PVC Elev.*	Bottom Depth (ft)	Screen Length (ft)	01/18/2000		03/28/2000		02/19/2001		03/21/2005		10/12/2006		01/05/2007		04/08/2009		06/30/2010	
				Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.
MW-1	601.02	12.6	10	5.28	595.74	3.59	597.43	5.97	595.05	4.34	596.68	4.39	596.63	3.76	597.26	5.69	595.33	5.97	595.05
MW-2	601.06	13.6	10	5.3	595.76	3.39	597.67	6.02	595.04	4.4	596.66	4.58	596.48	3.75	597.31	5.93	595.13	6.01	595.05
MW-4	600.48	13.3	10	4.89	595.59	3.54	596.94	5.85	594.63	3.72	596.76	4	596.48	3.35	597.13	5.38	595.1	5.64	594.84
MW-6	601.32	13.35	10	5.25	596.07	3.85	597.47	5.85	595.47	5.9	595.42	6.26	595.06	5.18	596.14	6.22	595.1	6.21	595.11
MW-7	601.29	13.22	10	5.52	595.77	3.54	597.75	5.97	595.32	4.81	596.48	5.01	596.28	4.7	596.59	5.61	595.68	7.71	593.58

Well	PVC Elev.*	Bottom Depth (ft)	Screen Length (ft)	09/28/2010		12/10/2010		04/25/2013	
				Water Depth	Water Elev.	Water Depth	Water Elev.	Water Depth	Water Elev.
MW-1	601.02	12.6	10	5.68	595.34	6.46	594.56	5.25	595.77
MW-2	601.06	13.6	10	5.71	595.35	6.52	594.54	5.57	595.49
MW-4	600.48	13.3	10	5.42	595.06	6.14	594.34	5.21	595.27
MW-6	601.32	13.35	10	5.55	595.77	6.49	594.83	4.28	597.04
MW-7	601.29	13.22	10	5.68	595.61	6.57	594.72	4.84	596.45