

# GIS REGISTRY

## Cover Sheet

March, 2010  
(RR 5367)

### Source Property Information

BRRTS #: 03-05-001404

ACTIVITY NAME: Brown County Reforestation Camp

PROPERTY ADDRESS: 4418 Reforestation Rd

MUNICIPALITY: Suamico

PARCEL ID #: SU-160

CLOSURE DATE: Jan 6, 2000

FID #: 405139570

DATCP #:

COMM #: 54313851418A

#### \*WTM COORDINATES:

X: 671512 Y: 467142

*\* 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:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property" form)*

Soil Contamination > \*RCL or \*\*SSRCL (232)

Contamination in ROW

Off-Source Contamination

*(note: for list of off-source properties  
see "Impacted Off-Source Property" form)*

#### Land Use Controls:

N/A (Not Applicable)

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)

*(note: maintenance plan for  
groundwater or direct contact)*

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*

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 #:  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:**
- 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: 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 #: 12**                      **Title: Site Plan**
- 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 #: 03-05-001404

ACTIVITY NAME: Brown County Reforestation Camp

**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 #: 4**                      **Title: Post-Remediation Geologic Cross-Section A-A'**

**Figure #: 5**                      **Title: Post-Remediation Geologic Cross-Section B-B'**

- 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: Site Plan**

- 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 #:**                      **Title: Groundwater Contours and Elevations 1/19/94**

**Figure #: 2**                      **Title: Groundwater Contour Map 10/20/1997**

**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 #:**                      **Title: Groundwater Analysis**

- 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 #:**                      **Title:**

**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 #: 03-05-001404

ACTIVITY NAME: Brown County Reforestation Camp

## 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:**

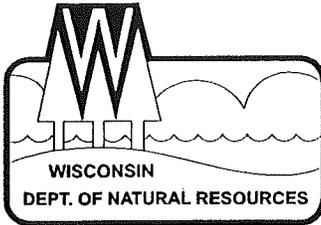
**Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

**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.

**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:**



January 6, 2000

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
Ronald W. Kazmierczak, Regional Director

Remediation and Redevelopment  
1125 North Military Avenue  
P.O. Box 10448  
Green Bay, Wisconsin 54307-0448  
Telephone 920-492-5916  
FAX 920-492-5859  
TTY 920-492-5812

Brown County Finance Department  
Attn: Mike McFarlane  
305 East Walnut Street  
Green Bay, WI 54301

SUBJECT: Brown County Reforestation Camp, 4418 Reforestation Camp Road,  
Town of Suamico, Wisconsin  
WDNR BRRTS # 03-05-001404

Dear Mr. McFarlane:

On February 8, 1993, the Wisconsin Department of Natural Resources provided a notice to you that the degree and extent of the petroleum contamination at the above named site was required to be investigated and remediated. We have since been informed that the required investigation and remediation has been accomplished.

On June 15, 1999, the above named site was reviewed by the Remediation and Redevelopment's Northeast Region Closure Committee for a determination as to whether or not the case qualified for closeout under ch. NR 726, Wis. Adm. Code.

The Department has received a copy of the completed groundwater use restriction for the above referenced site and proof of filing this record with the Brown County Register of Deeds. Based on the investigative and remedial documentation provided to the Department, it appears that the petroleum contamination at the above named site has been remediated to the extent practicable under current site conditions. Therefore, conditional closure of this site has been granted and no further action is necessary at this time. In the future, this groundwater use restriction may be amended with approval from the Department if conditions change at the site and the residual contamination has been remediated.

If you have any additional relevant information concerning this matter which was not formerly provided to the Department, you should submit this information to the Department for reevaluation. The Department's records will reflect final "closure." If you have any questions regarding this determination, please contact me in Green Bay at (920) 492-5943.

Sincerely,

Kristin Nell  
Hydrogeologist  
Bureau for Remediation & Redevelopment

cc: Karl Schuldes, Robert E. Lee & Associates, Inc.

1715505

Document Number

GROUNDWATER USE RESTRICTION

BROWN COUNTY  
REGISTER OF DEEDS  
CATHY WILLIQUETTE

1999 SEP -1 P 4: 10

Declaration of Restrictions

In Re: TOWN OF SUAMICO - W. 1/2 of N.W. 1/4 - Sec. 9, Town 25,  
Range 20. 80 Acres. Certificate No. 1708.

STATE OF WISCONSIN )  
 ) ss  
COUNTY OF BROWN )

WHEREAS, Brown County is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Benzene contaminated groundwater above the NR 140 enforcement standard existed on this property at groundwater monitoring well MW-2R on April 19, 1999 at a concentration of 1,200 parts per billion (ppb) which is above the NR 140 enforcement standard of 5 ppb for Benzene. Toluene contaminated groundwater above the NR 140 enforcement standard existed on this property at groundwater monitoring well MW-2R on April 19, 1999 at a concentration of 360 ppb which is above the NR 140 enforcement standard of 343 ppb for Toluene.

Total Trimethylbenzene contaminated groundwater above the NR 140 enforcement standard existed on this property at groundwater monitoring well MW-2R on April 19, 1999 at a concentration of 2,270 ppb which is above the NR 140 enforcement standard of 480 ppb for Total Trimethylbenzene. Total Xylene contaminated groundwater above the NR 140 enforcement standard existed on this property at groundwater monitoring well MW-2R on April 19, 1999 at a concentration of 4,600 ppb which is above the NR 140 enforcement standard of 620 ppb for Total Xylene. The location of former groundwater monitoring well MW-2R is provided on Figure 12 attached and made part of this restriction.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding NR 140 groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in NR 809 is restricted by NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater, or its successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.

Recording Area

Name and Return Address  
Brown County Finance Department  
Attn: Michael McFarlane  
305 East Walnut Street  
Green Bay, WI 54301

1684

Parcel Identification Number (PIN)

If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, Darlene Marcelle asserts that he/she is duly authorized to sign this document on behalf of Brown County.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 1st day of Sept, 1999.

Signature: *Darlene Marcelle*

Printed Name: Darlene Marcelle

Title: County Clerk

Subscribed and sworn to before me  
this 1st day of Sept, 1999  
*Susan M. Laabs*  
Notary Public, State of WI Susan M. Laabs  
My commission, 5-12-02



REFORESTATION ROAD

SITE LOCATION

NW NW

SEC. 9, T25N, R20E

SW NW

SEC. 9, T25N, R20E

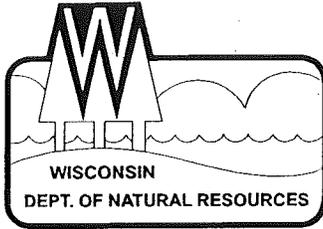
## PARCEL MAP

BROWN COUNTY REFORESTATION CAMP  
4418 REFORESTATION ROAD  
GREEN BAY, WI 54313



1" = 500'

FIGURE 2



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor  
George E. Meyer, Secretary  
William R. Selbig, Regional Director

Remediation and Redevelopment  
1125 North Military Avenue  
P.O. Box 10448  
Green Bay, Wisconsin 54307-0448  
Telephone 920-492-5916  
FAX 920-492-5859  
TDD 920-492-5812

July 1, 1999

Brown County Finance Department  
Attn: Michael McFarlane  
305 East Walnut Street  
Green Bay, WI 54301

SUBJECT: Brown County Reforestation Camp, 4418 Reforestation Road,  
Town of Suamico, Wisconsin  
WDNR BRRTS #03-05-001404

Dear Mr. McFarlane:

On June 15, 1999, the Northeast Region Closeout Committee met to discuss various sites. The committee has agreed to close this site pending a groundwater use restriction. This groundwater use restriction will state that inaccessible groundwater contamination may remain at this site and that additional remedial action is not feasible at this time. The document would be placed in the file with the deed running with the property.

Only when the groundwater use restriction has been finalized and filed with Brown County can this site be closed. To expedite the completion of the groundwater use restriction and closure process, the Department requests that you submit the following:

- a complete (unabbreviated) legal description of the property
- a copy of the deed
- available maps, such as a survey map, showing the property boundaries, building outlines, monitoring well/piezometer locations

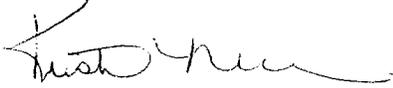
These documents are to be obtained from the Brown County Register of Deeds. Once these items have been submitted, the Department will send you a draft copy of the groundwater use restriction containing language regarding the remaining petroleum contamination. If it is acceptable, please sign it and return a signed copy with proof of filing for our records. At that time, the site may be closed.

This groundwater use restriction is an option that the Department can offer in order to close this site. If you choose not to accept this option, you may perform additional investigation and cleanup of the remaining contamination. Within 14 days please submit a letter to the Department documenting your intentions.

If you have any additional relevant information that was not formerly provided to the Department, you should submit this information to the Department for reevaluation.

If you have any questions, please contact me in Green Bay at (920) 492-5943.

Sincerely,

A handwritten signature in cursive script, appearing to read "Kristin Nell".

Kristin Nell  
Hydrogeologist  
Remediation & Redevelopment Program

cc: Karl Schuldes, Robert E. Lee & Associates, Inc.  
P.O. Box 2100, Green Bay, WI 54306-2100

03-05-001404

To all whom these Presents shall come--Greeting:

WHEREAS Brown County has deposited in the office of the County Clerk of the County of Brown, in the State of Wisconsin, Tax Certificate of the Treasurer of said County of Brown appears, as the fact is that the following described piece or parcel of land, lying and being situated in the County of Brown, to-wit:

TOWN OF SUAMICO - W. 1/4 of N. W. 1/4 - Sec. 9, Town 25, Range 20. 80 Acres. Certificate No. 1708.

FOR the non-payment of Taxes, sold by the Treasurer aforesaid, at Public Auction at his office in the City of Green Bay, in the said County of Brown, on the 3rd day of December in the year of our Lord One Thousand Nine Hundred and Sixty-five to the said Brown County for the sum of

Forty-one and ninety-six cents in the whole, which sum was the amount of Taxes assessed and due and unpaid on said tract of land, together with the costs and charges of such sale due therewith at the time of making such sale, the whole of which sum of money has been paid by the aforesaid purchaser.

AND WHEREAS, it further appears, as the fact is that the owner or claimant of said land, who, by reason of the non-payment of said taxes, have become forfeited, and the said purchaser hereof is entitled to a conveyance thereof.

NOW THEREFORE, KNOW ALL MEN BY THESE PRESENTS, that the County of Brown, in said State and the State of Wisconsin, in consideration of the said money aforesaid and the premises, and in conformity to law, have given and hereby do give, grant, sell and convey the tract of land above described, together with the hereditaments and appurtenances, to the said Brown County and its heirs and assigns, to their said use and benefit forever.

IN TESTIMONY WHEREOF, I, Green F. Rothe, the County Clerk of the County of Brown, have executed this deed pursuant to and in virtue of the authority in me vested by the Statutes of the State of Wisconsin, and for and on behalf of the said State and County of Brown aforesaid, and have hereunto set my hand and seal officially, and affixed the Seal of the County Board of Supervisors, in my office in the City of Green Bay in said County of Brown, this 10th day of June in the year of our Lord One Thousand Nine Hundred and Sixty-five.

DONE IN PRESENCE OF Margaret L. Clark James H. Bunker

Green F. Rothe County Clerk of Brown County (Seal)

STATE OF WISCONSIN, County of Brown. BE IT REMEMBERED, that on this 10 day of June A.D. 1911, personally came before me the above named Green F. Rothe, County Clerk of Brown County, and the person and officer who executed the above deed and acknowledged the same before me as such County Clerk, for the uses and purposes therein mentioned.

James H. Bunker Notary Public, Brown County, Wis. My Commission expires Aug. 21, 1911.

260067

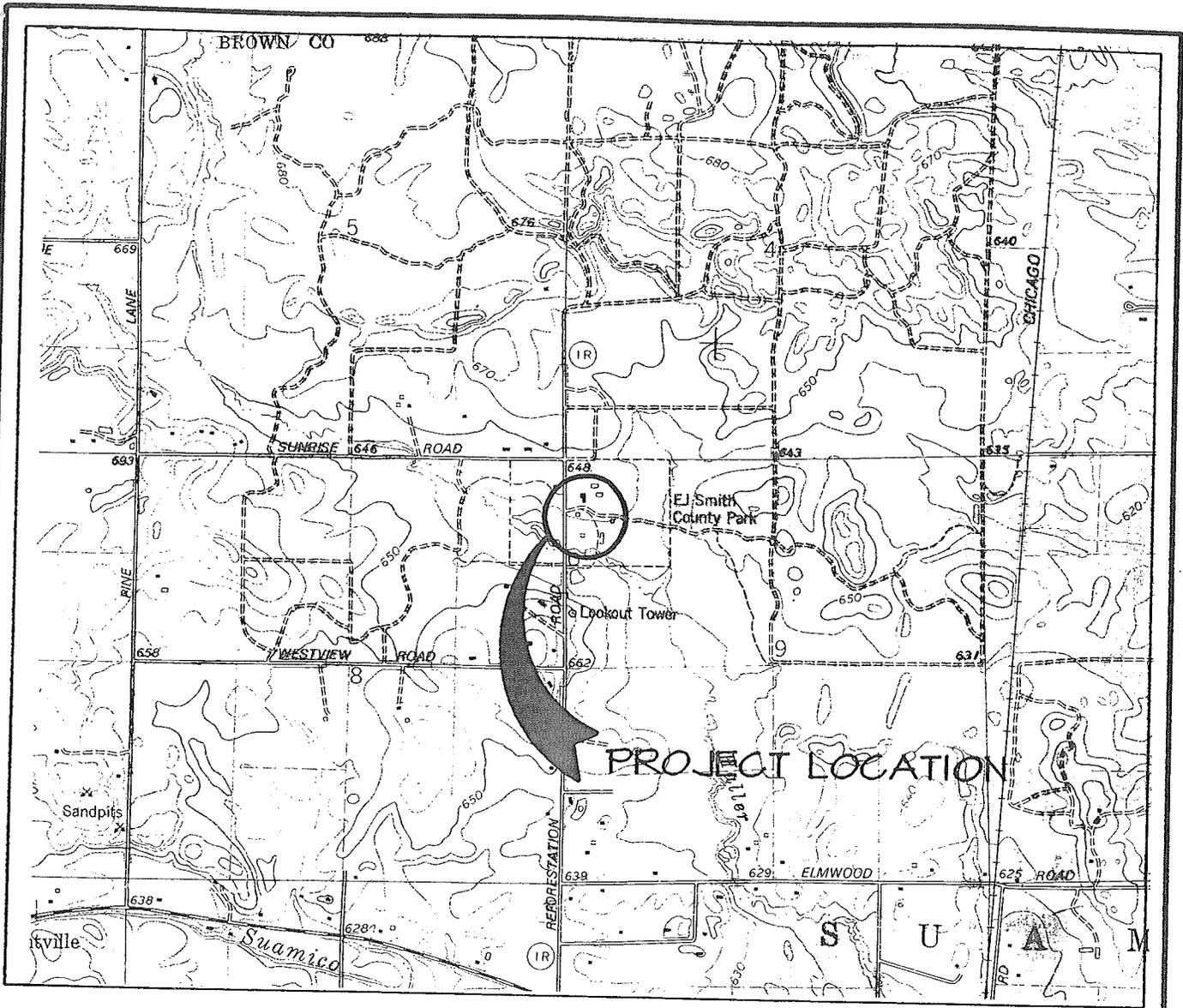
COUNTY TAX DEED

BROWN COUNTY

Brown County

CLERK'S OFFICE

Handwritten signatures and dates: James H. Bunker, 1911, 231, 79, Register

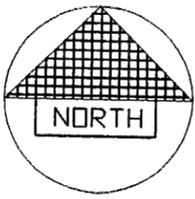


## LOCATION MAP

BROWN COUNTY REFORESTATION CAMP  
 4418 REFORESTATION ROAD  
 GREEN BAY, WISCONSIN



1" = 2000'



SCALE: 1"=50'  
0' 25' 50' 100'

PINE PLANTATION

*Private non-potable wells (on-site)*

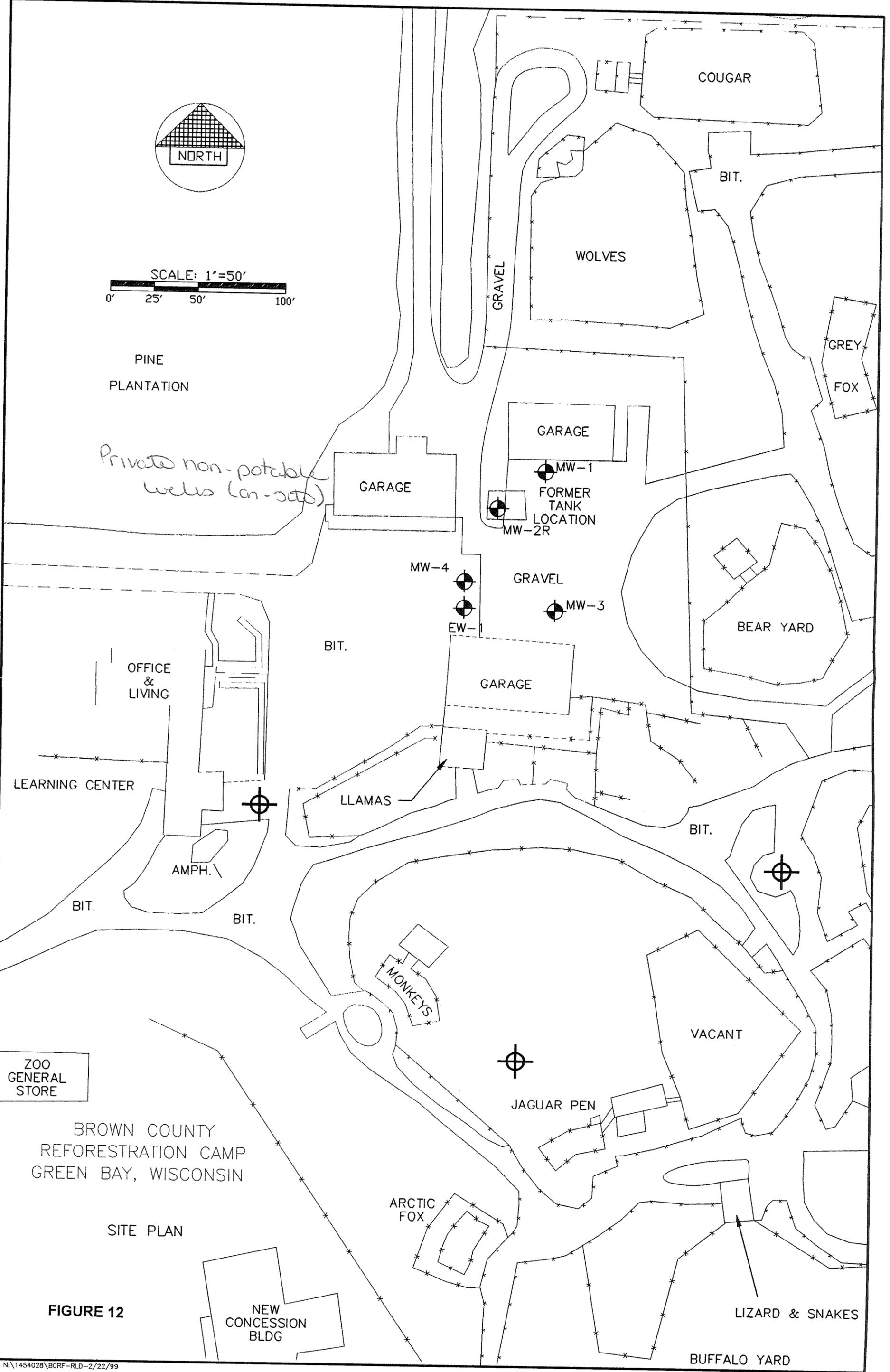
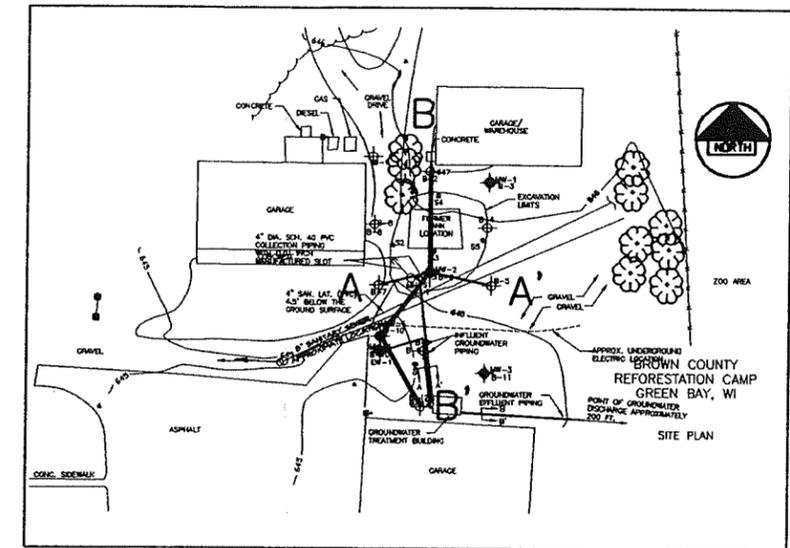
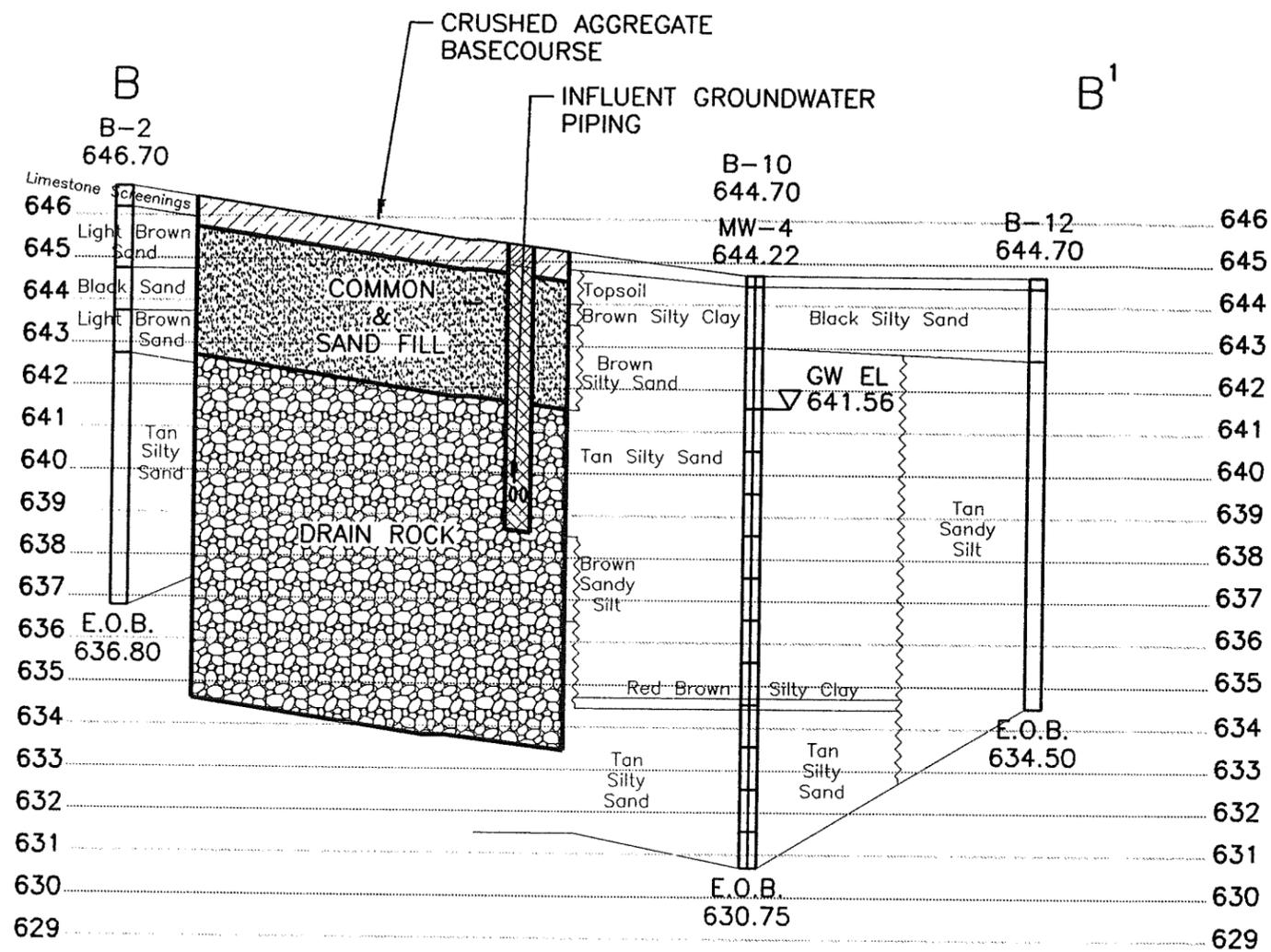


FIGURE 12

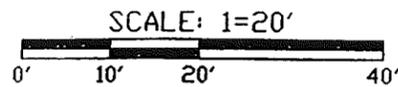
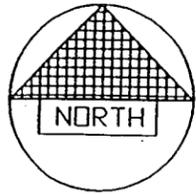




**BROWN COUNTY  
REFORESTRATION CAMP  
GREEN BAY, WISCONSIN**

**POST-REMEDIAION  
GEOLOGIC  
CROSS-SECTION**

**FIGURE 5**



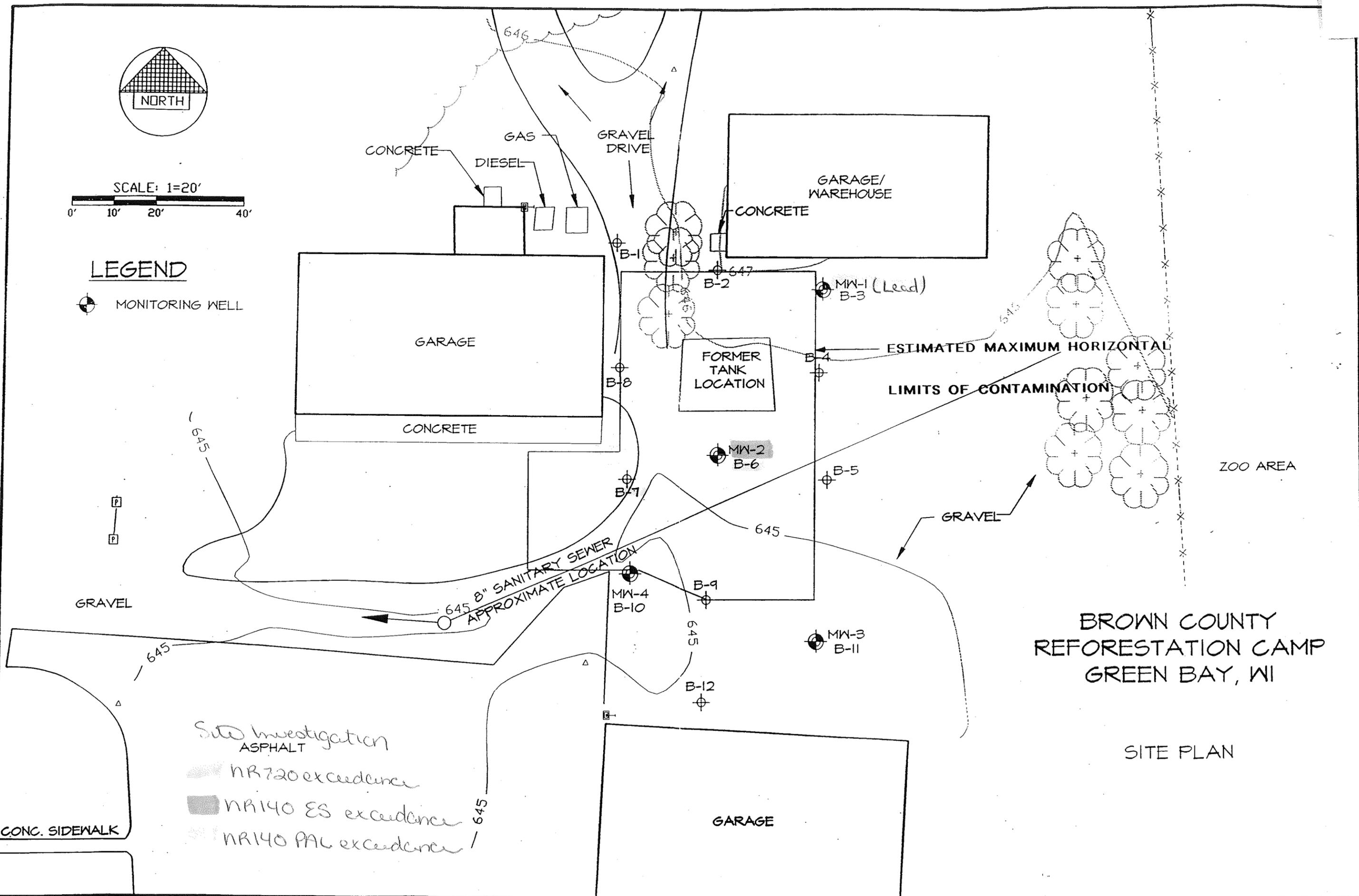
### LEGEND

 MONITORING WELL

*Site Investigation*  
ASPHALT  
 NR720 exceedance  
 NR140 ES exceedance  
 NR140 PAL exceedance

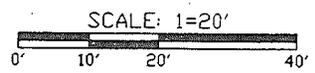
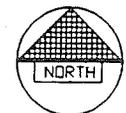
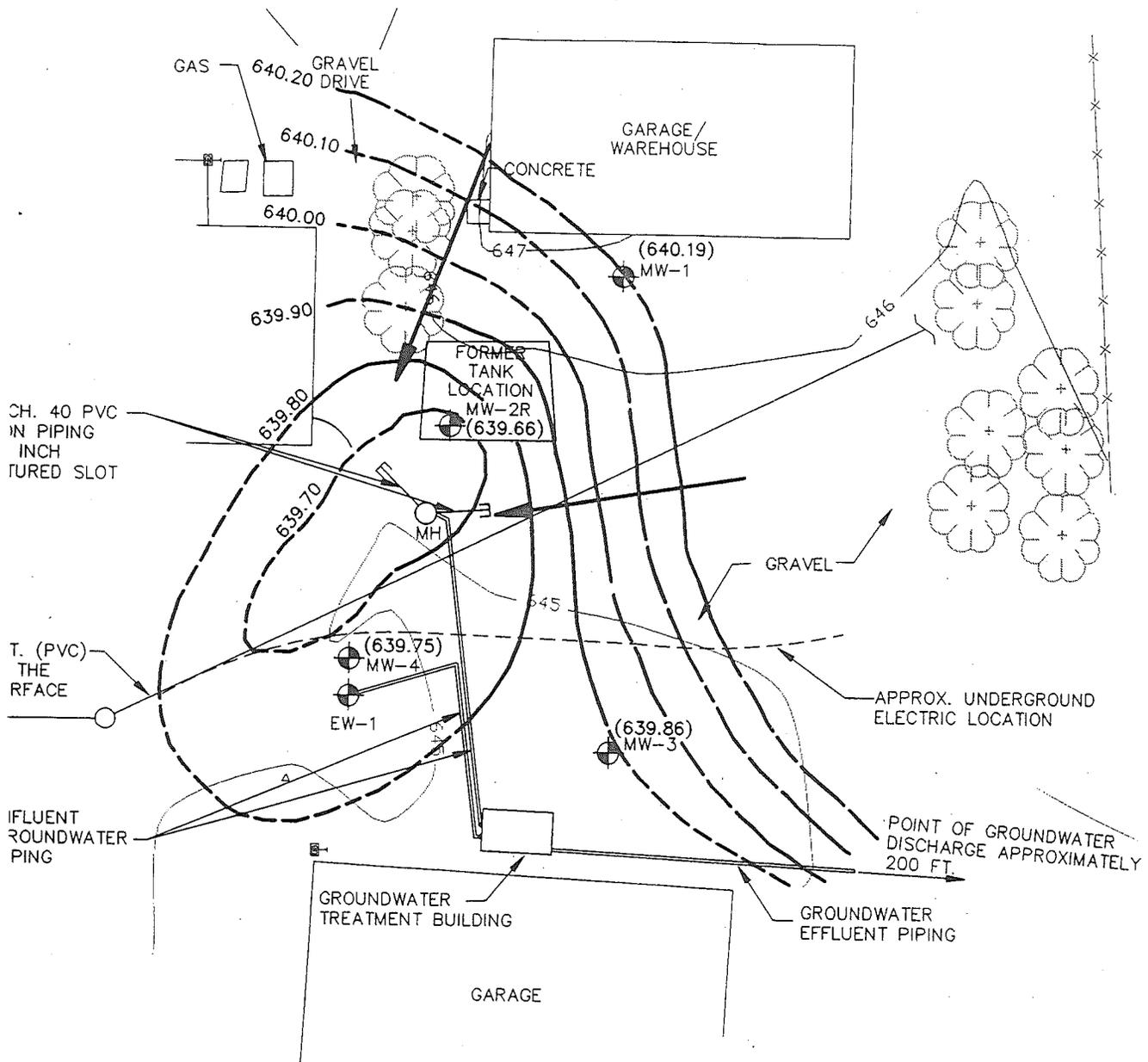
CONC. SIDEWALK



BROWN COUNTY  
REFORESTATION CAMP  
GREEN BAY, WI

SITE PLAN





**LEGEND**

⊕ MW-3 MONITORING WELL

**BROWN COUNTY  
REFORESTRATION CAMP  
GREEN BAY, WISCONSIN**

**GROUNDWATER CONTOUR MAP  
10/20/1997**

## Brown County Reforestation Camp Groundwater Analysis

System

Post

Parameter (µg/L)	ES	PAL	MW-1									
			12/27/95	1/17/97	4/21/97	7/16/97	10/20/97	1/8/98	7/24/98	10/9/98	2/1/99	
Benzene	5	.5	<1.0	NA	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.26
Ethylbenzene	700	140	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24
Methyl tert-Butyl Ether	60	12	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22
Toluene	343	68.6	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.30*
Total Trimethylbenzene	480	96	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.86
Total Xylenes	620	124	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.97
RNA Parameters (mg/l)												
Sulfate			NA	NA	NA	NA	NA	NA	NA	NA	72.3	73
Nitrate			NA	NA	NA	NA	NA	NA	NA	NA	11.1	10
Dissolved oxygen			NA	NA	NA	NA	NA	NA	NA	NA	4.9	6.5
Iron			NA	NA	NA	NA	NA	NA	NA	NA	0.1	0.1

System

Post

Parameter (µg/L)	ES	PAL	MW-2R											
			3/1/96	1/17/97	4/21/97	7/16/97	10/20/97	1/8/98	4/1/98	7/24/98	10/9/98	2/1/99	4/19/99	
Benzene	5	.5	1410	2,260	1,360	435	615	1,096	1,130	326	1360	1100	1200	
Ethylbenzene	700	140	614	910	1,160	1,040	441	485	459	450	432	350	480	
Methyl tert-Butyl Ether	60	12	<10	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<200	<20.0	5.0	4.5	
Toluene	343	68.6	1050	2,110	3,140	1,370	2,640	1,190	994	368	572	510	360	
Total Trimethylbenzene	480	96	2495	2819	3,880	4033	5499	2766	2498	2872	2672	2310	2270	
Total Xylenes	620	124	5554	8,850	13,410	11,500	2,935	6,220	5,740	6400	4890	4000	4600	
RNA Parameters (mg/l)														
Sulfate			NA	NA	NA	NA	NA	NA	NA	NA	NA	31.2	34	NA
Nitrate			NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.3	<0.090	NA
Dissolved oxygen			NA	NA	NA	NA	NA	NA	NA	NA	NA	1.2	2.0	NA
Iron			NA	NA	NA	NA	NA	NA	NA	NA	NA	1.3	3.0	NA

\* This detection of toluene has been attributed to laboratory error

= NR 140 ES Exceedance

= NR 140 PAL Exceedance

## Brown County Reforestation Camp Groundwater Analysis

*System*

*Post*

Parameter (µg/L)	ES	PAL	MW-3									
			12/27/95	1/17/97	4/21/97	7/16/97	10/20/97	1/8/98	7/24/98	10/9/98	2/1/99	
Benzene	5	.5	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.26
Ethylbenzene	700	140	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.24
Methyl tert-Butyl Ether	60	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22
Toluene	343	68.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.21
Total Trimethylbenzene	480	96	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.86
Total Xylenes	620	124	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.97
<b>RNA Parameters (mg/l)</b>												
Sulfate			NA	NA	NA	NA	NA	NA	NA	NA	204	54
Nitrate			NA	NA	NA	NA	NA	NA	NA	NA	0.515	1.4
Dissolved oxygen			NA	NA	NA	NA	NA	NA	NA	NA	0.3	1.4
Iron			NA	NA	NA	NA	NA	NA	NA	NA	0.3	0.1

*System*

*Post*

Parameter (µg/L)	ES	PAL	MW-4										
			12/27/95	3/1/96	1/17/97	4/21/97	7/16/97	10/20/97	1/8/98	4/1/98	7/24/98	10/9/98	2/1/99
Benzene	5	.5	300	378	45.5	107	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.26
Ethylbenzene	700	140	<1.0	15	5.0	5.32	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.1
Methyl tert-Butyl Ether	60	12	8.2	21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<0.22
Toluene	343	68.6	<1.0	3.1	2.3	3.51	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.78
Total Trimethylbenzene	480	96	<1.0	61	16.8	4.23	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	02.79
Total Xylenes	620	124	<1.0	120	61.7	56.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.9
<b>RNA Parameters (mg/l)</b>													
Sulfate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	54.3
Nitrate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.338
Dissolved oxygen			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.4
Iron			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.1

- = NR 140 ES Exceedance
- = NR 140 PAL Exceedance

## Brown County Reforestation Camp Groundwater Analysis

*System*

*Post*

	ES	PAL	EX-1								
			1/17/97	4/21/97	7/16/97	10/20/97	1/8/98	4/1/98	7/24/98	10/9/98	2/1/99
Benzene	5	.5	1.2	13.9	1.7	NA	<0.5	<0.5	<0.5	<0.5	<0.26
Ethylbenzene	700	140	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<0.24
Methyl tert-Butyl Ether	60	12	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<0.22
Toluene	343	68.6	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	1.0*
Total Trimethylbenzene	480	96	12.7	4.48	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<0.86
Total Xylenes	620	124	28.3	2.13	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<0.97
<b>RNA Parameters (mg/l)</b>											
Sulfate			NA	NA	NA	NA	NA	NA	NA	69.9	52
Nitrate			NA	NA	NA	NA	NA	NA	NA	<0.3	0.39
Dissolved oxygen			NA	NA	NA	NA	NA	NA	NA	0.8	1.5
Iron			NA	NA	NA	NA	NA	NA	NA	4.5	0.2

*System*

*Post*

Parameter (µg/L)	ES	PAL	EX-2								
			1/17/97	4/21/97	7/16/97	10/20/97	1/8/98	4/1/98	7/24/98	10/9/98	2/1/99
Benzene	5	.5	<1.0	24.0	18.7	NA	<0.5	<0.5	3.35	<0.5	0.33
Ethylbenzene	700	140	<1.0	3.84	8.4	NA	<1.0	<1.0	6.56	<1.0	0.44
Methyl tert-Butyl Ether	60	12	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<0.22
Toluene	343	68.6	<1.0	96.6	5.3	NA	<1.0	<1.0	4.71	<1.0	0.38
Total Trimethylbenzene	480	96	<1.0	169.1	93.3	NA	<1.0	<1.0	94.2	<1.0	4.8
Total Xylenes	620	124	<1.0	568	240	NA	<1.0	<1.0	157.3	<1.0	6.2
<b>RNA Parameters (mg/l)</b>											
Sulfate			NA	NA	NA	NA	NA	NA	NA	77.7	110
Nitrate			NA	NA	NA	NA	NA	NA	NA	0.691	0.96
Dissolved oxygen			NA	NA	NA	NA	NA	NA	NA	1.0	1.9
Iron			NA	NA	NA	NA	NA	NA	NA	0.4	0.1

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