GIS REGISTRY INFORMATION

SITE NAME: Baillie Bulk Oil

BRRTS #: 03-04-000291 **FID # (if appropriate):**

COMMERCE # (if appropriate): 54891-9999-32

CLOSURE DATE: 3/30/07

STREET ADDRESS: 32 Omaha St. W.

CITY: Washburn

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 451821 Y= 689041

CONTAMINATED MEDIA: Groundwater ☐ Soil ☐ Both ☒

OFF-SOURCE GW CONTAMINATION >ES: ☒ Yes ☐ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= 451837 Y= 688997

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): ☐ Yes ☒ No

IF YES, STREET ADDRESS 1:

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

CONTAMINATION IN RIGHT OF WAY: ☐ Yes ☒ No

DOCUMENTS NEEDED:

- **Closure Letter, and any conditional closure letter or denial letter issued** ☒
- **Copy of any maintenance plan referenced in the final closure letter.** ☐ N/A
- **Copy of (soil or land use) deed notice *if any required as a condition of closure*** ☐ N/A
- **Copy of most recent deed, including legal description, for all affected properties** unavailable. See letters ☐
- **Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties** ☒
- **County Parcel ID number, *if used for county*, for all affected properties** 04-291-2-48-04-05-1 05-002-03000 ☒
- **Location Map** which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site. ☒
- **Detailed Site Map(s) for all affected properties,** showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs. ☒
- **Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)** ☒
- **Tables of Latest Soil Analytical Results (no shading or cross-hatching)** ☒
- **Isoconcentration map(s), *if required for site investigation (SI)*** (8.5x14" if paper copy). The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.** ☒
- **GW: Table of water level elevations, with sampling dates, and free product noted if present** ☒
- **GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)** ☒
- **SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour** ☒
- **Geologic cross-sections, *if required for SI.*** (8.5x14' if paper copy) ☒
- **RP certified statement that legal descriptions are complete and accurate** unnecessary. ☐
- **Copies of off-source notification letters (if applicable)** ☒
- **Letter informing ROW owner of residual contamination (if applicable)**(public, highway or railroad ROW) N/A ☐

revised 5/06

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
John Gozdzialski, Regional Director

Ashland Service Center
2501 Golf Course Road
Ashland, Wisconsin 54806
Telephone 715-685-2900
FAX 715-685-2909

March 30, 2007

FILE COPY

MR DON BAILLIE
BAILLIE OIL CO INC
PO BOX 70
BRULE WI 54820-0070

Subject: Final Case Closure
Former Baillie Oil Bulk Plant, 32 West Omaha Street, Washburn, Wisconsin
WDNR BRRTS Activity #03-04-000291

Dear Mr. Baillie:

On December 7, 2006, the Department of Natural Resources' Northern Region Closure Committee reviewed your request for closure of the case described above. The Northern Region Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. On December 19, 2006, you were notified that the Closure Committee had granted conditional closure to this case.

On March 23, 2007, the Department received correspondence indicating that you have complied with the requirements of closure. To meet the conditions of closure, Northern Environmental submitted monitoring well abandonment forms and documentation of monitoring well purge water disposal.

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

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wisconsin Administrative 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 the environment.

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

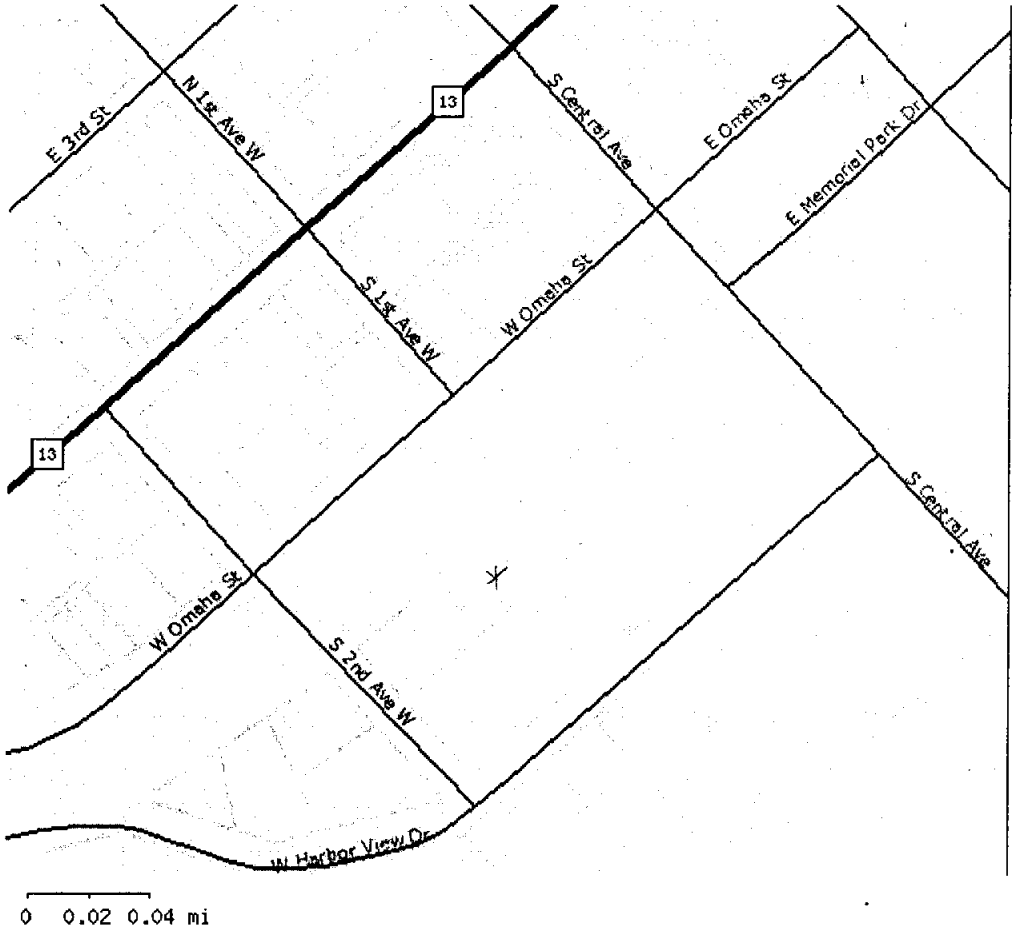
The Department appreciates your efforts to restore the environment at this site. If you have any questions concerning this letter or the project in general, please do not hesitate to write or call me at 715-685-2920. I can also be reached by e-mail at Christopher.Saari@Wisconsin.gov.

Sincerely,

Christopher A. Saari
Hydrogeologist

cc: Hollie DePuydt – Northern Environmental
Union Pacific Railroad, 1400 Douglas Street, Omaha, NE 68179
City of Washburn, PO Box 638, Washburn, WI 54891-0638
Anna Kazda – DNR Rhinelander

The responsible party, Baillie Oil Company, leased the land at 32 West Omaha Street, Washburn, Wisconsin from Chicago and Northwestern Transportation Company. The City of Washburn said the property is an old railroad right-of-way and the last they knew St. Paul, Minneapolis, Chicago & Omaha Railroad owned it. Upon further investigation it seems Union Pacific Corporation bought out that railroad. A notification of contamination was sent to Union Pacific. After the notification was sent the attached letter was discovered stating that the City of Washburn owns the property, however the City of Washburn doesn't have records on the piece of property, so items 1, 2, and 12 in the required GIS registry information are not available.



Selected point is located in the Bayfield/Penninsula/Southeast watershed within the City of Washburn an found on the *Washburn* USGS 7.5' quadrangle. It is zoned (). This location is within the Washburn Schc District and is in Supervisory District 6. It is served by the Washburn Ambulance District and the Washb Department (911).

Query Results

Parcel Owner		Legal Description
CITY OF WASHBURN 119 WASHINGTON AVE WASHBURN WI 54891		LOT 4 CSM V.3 P.240 (LOCATED IN GOVT LOTS 1 & 2) LESS PAR IN V.468 P.21 2483A
Location		**History**
Section 05, Town 48 N, Range 04 W		
New PIN		**Old PIN**
04-291-2-48-04-05-1 05-002-03000		291101308000
Land Value	**Improvement Value**	**Total Acres**
0.00000	0.00000	0.00000

CHICAGO AND NORTHWESTERN TRANSPORTATION COMPANY

REAL ESTATE AND
INDUSTRIAL DEVELOPMENT
DEPARTMENT

DIRECT DIAL NUMBER

(312)559-6181

December 29, 1983

Re: 68842-Washburn, Wisconsin
3650a-Rhinelander
to Washburn

The City of Washburn
Washburn, Wisconsin 54891

Gentlemen:

It has recently come to our attention that as a result of your purchase of a portion of our right-of-way in Washburn, Lease No. 68842 in favor of Baillie Oil Company should have been assigned to you effective the date of your purchase. Therefore, we hereby assign to the City Lease No. 68842 effective March 17, 1983.

Baillie Oil Company has paid rent to March 13, 1984, so we will be forwarding you a check in the amount of $321.43 as rental the Lessee has paid for the period March 17, 1983 to March 13, 1984.

We hope this oversight has not inconvenienced you. If you have any questions regarding this lease, please feel free to contact us.

Very truly yours,

Jack S. Parker
Assistant Manager of Leases

CC: Baillie Oil Company
Brule, Wisconsin 54820

D10/27AYS

CHICAGO AND NORTHWESTERN TRANSPORTATION COMPANY

REAL ESTATE AND
INDUSTRIAL DEVELOPMENT
DEPARTMENT

DIRECT DIAL NUMBER

(312)559-6181

ASSIGNMENT OF LEASE

WHEREAS, the CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY has agreed to sell real estate at Washburn, Wisconsin, covered by its Lease Number 68842 dated May 13, 1958, in favor of The Pure Oil Company, assigned to Baillie Oil Company, effective January 7, 1974, upon certain terms and conditions recited in "Offer to Purchase Agreement" dated December 7, 1982, between the Transportation Company and the City of Washburn, the Purchaser, and;

WHEREAS, this real estate has now been conveyed to the Purchaser effective March 17, 1983,

NOW, THEREFORE, the CHICAGO AND NORTH WESTERN TRANSPORTATION COMPANY hereby assigns to the City of Washburn, its successors or assigns, its Lease Number 68842.

DATED at Chicago, Illinois this 29th day of December, 1983.

CHICAGO AND NORTH WESTERN
TRANSPORTATION COMPANY

By Robert W. Mickey
Vice President-Real Estate
and Industrial Development

cc: Baillie Oil Company
Brule, Wisconsin 54820

F-19

3/13
6/91

BAYFIELD COUNTY LAND RECORDS DEPARTMENT

BAYFIELD COUNTY PROPERTY OWNERSHIP MAP

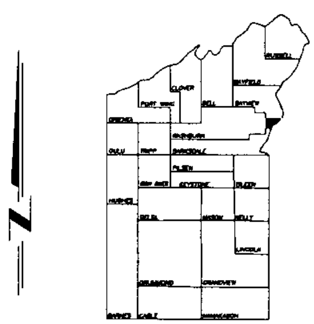
The full Bayfield County Property Identification Number (PIN) contains 23 digits. The last 11 digits of each parcel's unique PIN are displayed on this map. The first 12 digit prefix, common to all parcels on this map, is shown below. For a more comprehensive explanation of property identification numbers, see www.bayfieldcounty.org.

PIN Prefix for this map: 042912480405

CITY OF WASHBURN

NW¼, NE¼ SECTION 5 T.48N.–R.4W.

ORIGINAL TOWNSITE



GRAPHIC SCALE

100 0 50 100 200 400

1 INCH = 100 FEET

SCALE 1:1200

This map was prepared for those purposes outlined in Chapter 70.09, Wisconsin Statutes. Information contained on this map is advisory. Map accuracy is limited by the quality of the public documents from which it was prepared. This map is not intended as a substitute for an accurate field survey.

Errata:

15. Parcel not shown on tax roll.

16. Parcel not shown on tax roll.

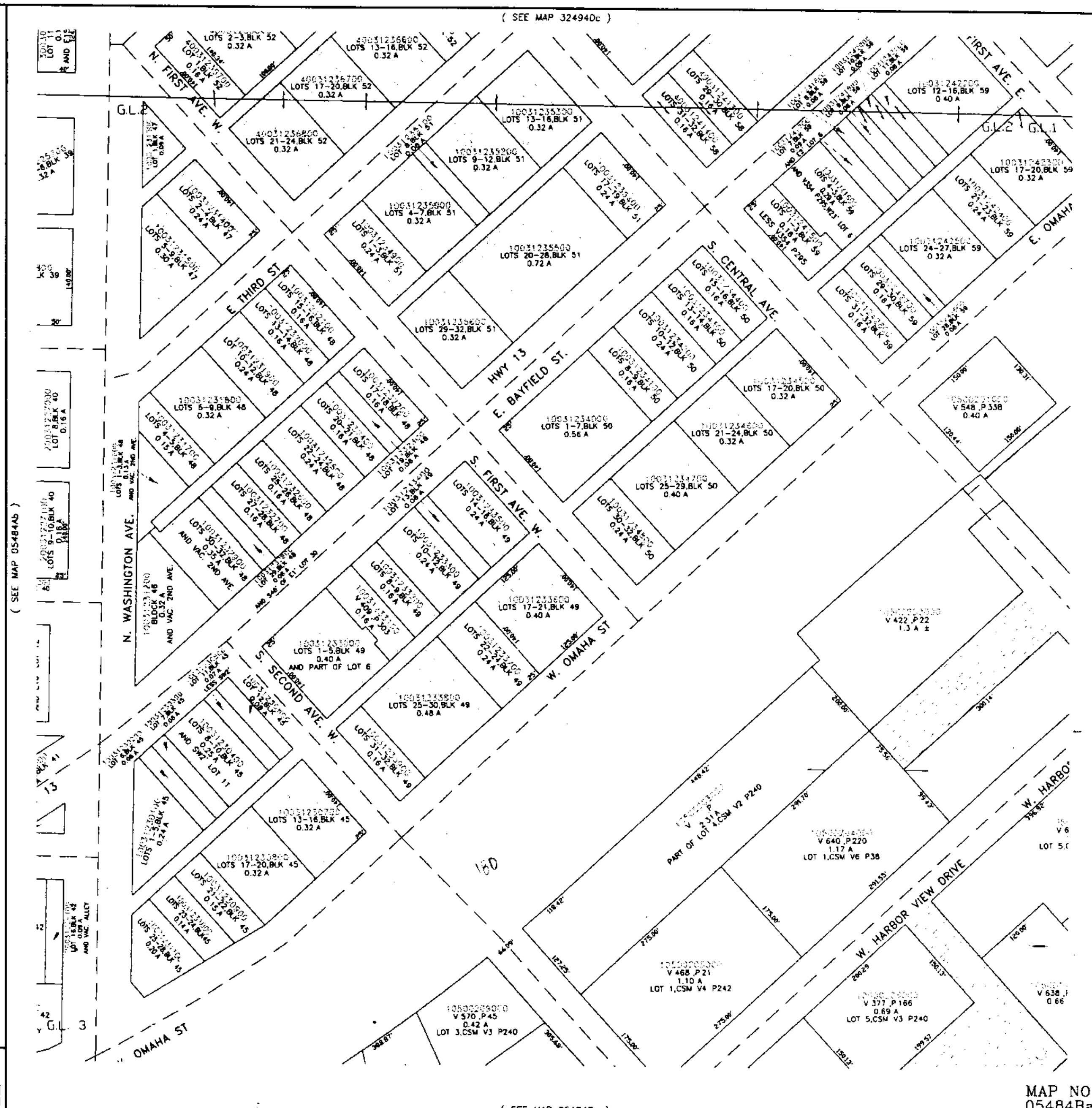
Drawn by: M.Johnson
Date Drawn: 5/22/00
Latest Update: 12/08/05

Map No: 05484Ba
Latest Tax Roll Date: 4/3/00
Update By: J. Solberg

Base map digitized from U.S.G.S. 7-1/2 min. quadrangles. Coordinates converted to Bayfield County Coordinate System.

Produced and Maintained by:
Bayfield County Land Records Department
P.O. Box 878 117 East Fifth Street
Washburn, WI 54891
715-373-6156
www.bayfieldcounty.org/landrecords/index.htm

Map Prepared by:
Bayshore CAD
310 Sheetz Avenue
Ashland, WI 54806
715.682.3647
www.bayshorecad.com



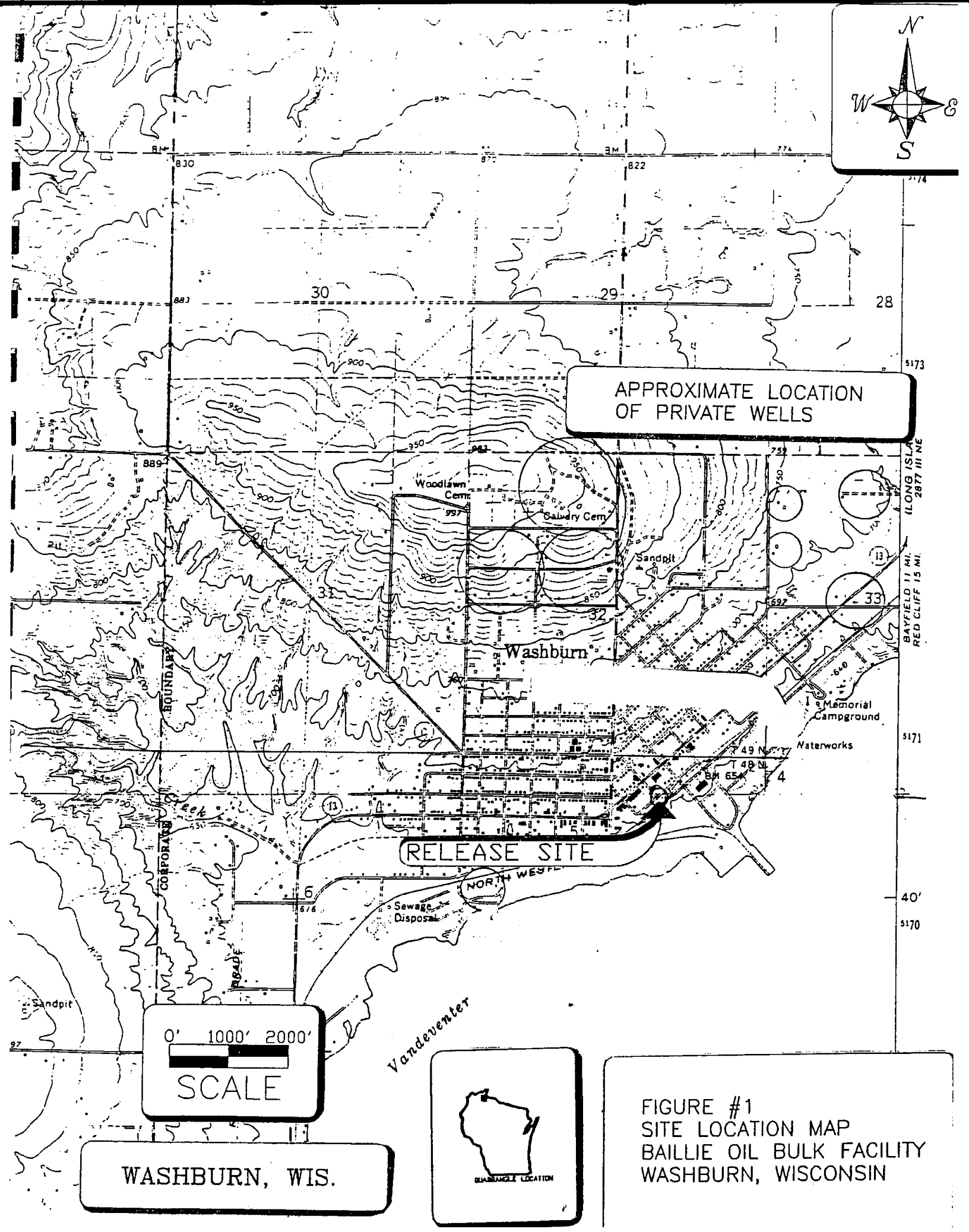
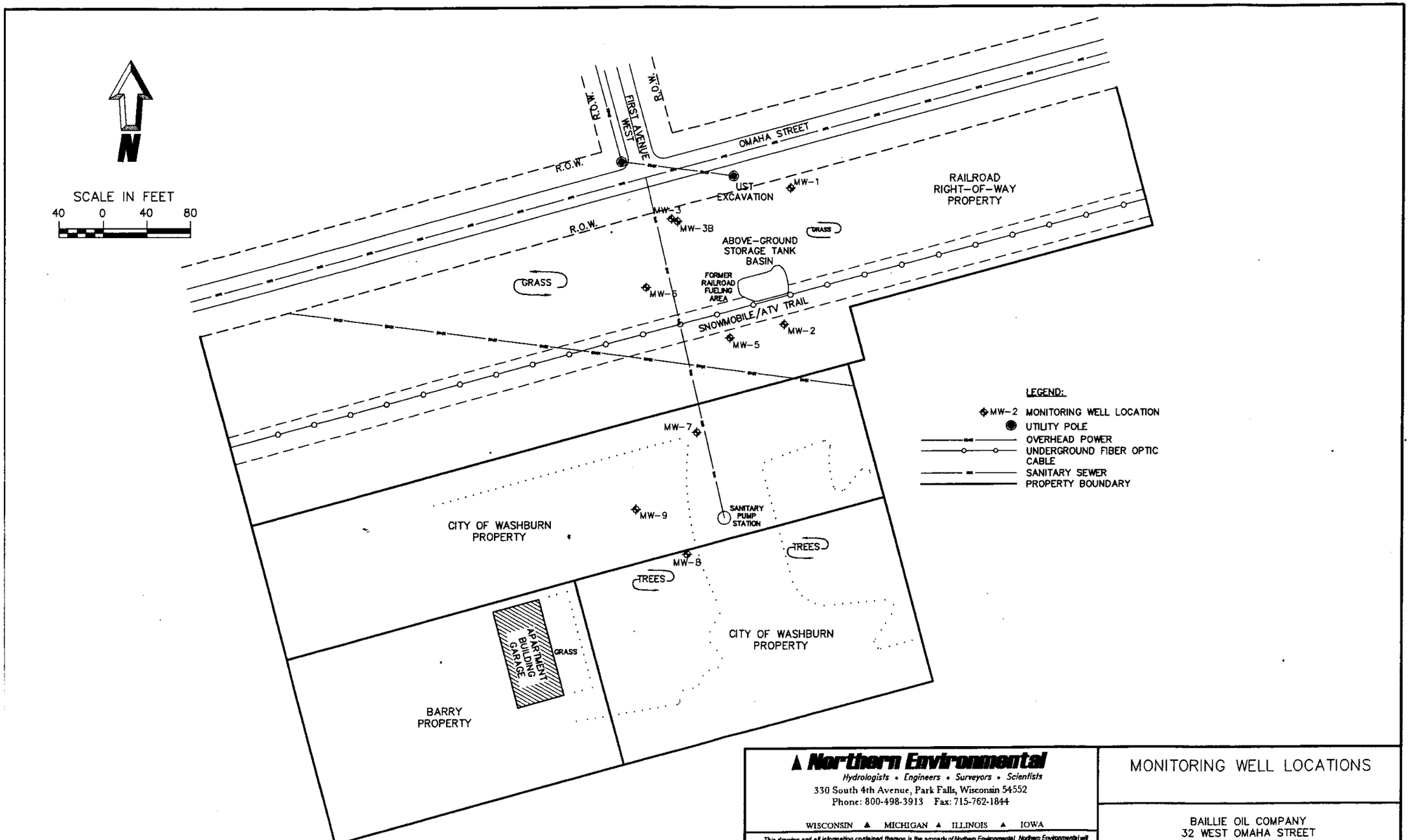


FIGURE #1
SITE LOCATION MAP
BAILLIE OIL BULK FACILITY
WASHBURN, WISCONSIN



Northern Environmental

Hydrologists • Engineers • Surveyors • Scientists

330 South 4th Avenue, Park Falls, Wisconsin 54552
Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

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MONITORING WELL LOCATIONS

BAILLIE OIL COMPANY
32 WEST OMAHA STREET
WASHBURN, WISCONSIN

DATE: 05/31/05	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: BOC04-2201-1055	FIGURE 2

Table 1, Groundwater Analytical Results, Baillie Oil Company, Washburn, Wisconsin

Well Number	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/L)																		Natural Attenuation Parameters				
			PVOCs							PAHs															
			Benzene	1,2 Dichloroethane	Ethylbenzene	MTBE	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Anthracene	Fluoranthene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Dissolved Oxygen (mg/L)	Temperature (°C)	pH (s.u.)	Conductivity (µS)	ORP (mV)
WDNR Preventive Action Limit (PAL) (µg/L)			0.5	0.5	140	12	200	96	1000	NE	NE	NE	600	80	80	NE	NE	8	NE	50	NA	NA	NA	NA	NA
WDNR Enforcement Standard (ES) (µg/L)			5	5	700	60	1000	480	10000	NE	NE	NE	3000	400	400	NE	NE	40	NE	250	NA	NA	NA	NA	NA
MW-1	08/25/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	0.029"J"	0.042"J"	<0.011	<0.01	4.00	15.0	8.11	310	78
MW-2	08/25/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	<0.021	<0.028	<0.011	<0.01	4.16	13.4	8.69	550	-81
MW-3	08/25/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	0.021"J"	<0.028	<0.011	<0.01	3.95	14.9	8.12	310	67
MW-3B	08/25/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	<0.021	<0.028	<0.011	<0.2	1.48	15.3	8.29	220	71
MW-5	05/24/05	Yes	**21**	<0.25	33	<0.36	4.4	*240*	110	0.74"J"	0.27"J"	<0.24	<0.26	<0.22	1.8	38	40	19	1.3	<0.01	1.93	13.2	8.65	460	149
	08/25/05	Yes	**23**	<1.25	18	<1.8	3.25"J"	*164*	57.3	0.93	0.25	<0.012	0.15	<0.011	2.0	31	33	3.5	1.2	0.012"J"	1.34	12.6	8.48	400	-34
	11/17/05	Yes	**45**	<1.25	25	<1.8	4.2"J"	*221*	65.0	0.76"J"	<0.24	<0.24	<0.26	<0.22	1.9	28	29	*14*	1.2	<0.2	2.64	11.3	8.04	390	105
	02/22/06	Yes	**55**	<1.25	28.6	<1.8	5.2"J"	*169.9*	80.4	0.84"J"	<0.24	<0.16	<0.24	<0.22	2.7	35	31	*8.5*	1.2	<0.2	2.51	9.3	7.63	480	144
	06/02/06	Yes	**81**	2.33	29.7	<0.34	8.1	*221*	105.7	0.74	0.19	<0.012	0.0.73	0.014"J"	1.8	31	29	*13*	0.92	0.026"J"	2.39	12.8	8.41	250	160
	08/11/06	Yes	**104**	<0.72	37	<0.34	6.2	*219*	145.8	1.0	0.24"J"	<0.12	<0.13	2.3	<0.15	38	34	*18*	1.3	<0.1	1.62	12.9	6.88	330	106
MW-6	08/25/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	0.024"J"	0.031"J"	<0.011	<0.01	5.03	14.8	8.23	300	59

Note:

VOCs = Volatile Organic Compounds

MTBE = Methyl Tert-Butyl Ether

PAH = Polycyclic Aromatic Hydrocarbons

µg/L = micrograms per liter

NE = Not established by Wisconsin Deparment of Natural Resources (WDNR)

3.3 = WDNR Preventive Action Limit Exceeded

11 = WDNR Enforcement Standard Exceeded

"J" = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

--- = not analyzed

mg/L = milligrams per liter

°C = degrees Celsius

s.u. = standard units

µS = microSiemens

mV = millivolts

ORP = Oxidation Reduction Potential

s:\proj\boc\04-1055\tables\^

Table 1, Groundwater Analytical Results, Baillie Oil Company, Washburn, Wisconsin

Well Number	Date Sampled	QC Hold Time Met	Relevant and Significant Analytical Results (µg/L)																		Natural Attenuation Parameters				
			PVOCs							PAHs															
			Benzene	1,2 Dichloroethane	Ethylbenzene	MTBE	Toluene	Trimethylbenzenes	Xylenes	Acenaphthene	Acenaphthylene	Benzo(a)anthracene	Anthracene	Fluoranthene	Fluorene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Pyrene	Dissolved Oxygen (mg/L)	Temperature (°C)	pH (s.u.)	Conductivity (µS)	ORP (mV)
WDNR Preventive Action Limit (PAL) (µg/L)			0.5	0.5	140	12	200	96	1000	NE	NE	NE	600	80	80	NE	NE	8	NE	50	NA	NA	NA	NA	NA
WDNR Enforcement Standard (ES) (µg/L)			5	5	700	60	1000	480	10000	NE	NE	NE	3000	400	400	NE	NE	40	NE	250	NA	NA	NA	NA	NA
MW-7	05/24/05	Yes	**115**	<1.25	97	<1.8	4.05"J"	*156.55"J"*	200	0.38"J"	<0.24	<0.24	<0.26	<0.22	0.79"J"	25	28	**43**	0.74	<0.2	1.85	14.4	8.71	400	152
	08/25/05	Yes	**86**	*3.45"J"*	60	<1.8	<2.6	*98*	51	0.26	0.056	<0.012	0.030"J"	<0.011	0.46	9.0	6.1	*10*	0.22	<0.01	1.59	13.9	8.54	280	36
	11/17/05	Yes	**97**	*3.6*	54	<0.36	2.7	*105.9*	56	0.46"J"	<0.24	<0.24	<0.26	<0.22	1	26	37	**67**	0.64"J"	<0.2	2.24	11.9	7.90	320	112
	02/22/06	Yes	**262**	<2.5	*200*	<3.6	36	*453*	723	0.47"J"	<0.24	<0.24	<0.26	<0.22	1.2	31	36	**67**	0.71	<0.2	2.59	9.1	8.85	320	141
	06/02/06	Yes	**51**	<7.2	32	<3.4	6.6"J"	50	83.8	0.19	0.042	<0.012	<0.013	<0.011	0.33	13	15	*30*	0.13	<0.01	7.75	14.1	8.55	200	162
	08/11/06	Yes	**108**	*3.3*	65	<0.34	13.4	*113.9*	167	0.22"J"	<0.12	<0.12	<0.13	<0.11	0.46"J"	16	17	**41**	0.22"J"	<0.1	5.92	13.8	6.84	270	117
MW-8	05/24/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	0.012"J"	<0.013	<0.011	<0.015	0.028"J"	0.041"J"	0.044"J"	<0.011	<0.01	7.89	18.0	8.77	420	145
	08/25/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	<0.021	0.032"J"	<0.011	<0.01	5.55	14.6	8.64	300	9
	11/17/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	<0.021	0.032"J"	<0.011	<0.01	6.10	8.9	7.77	280	118
	02/22/06	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	<0.021	<0.028	0.011"J"	<0.01	6.55	9.1	9.16	320	137
MW-9	05/24/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	0.015	0.031"J"	0.039"J"	0.050"J"	<0.011	<0.01	8.43	14.0	8.74	270	143
	08/25/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	<0.021	<0.028	<0.011	<0.01	5.80	14.0	8.52	200	10
	11/17/05	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	0.022"J"	<0.013	<0.011	<0.015	0.064	0.082	0.16	0.014"J"	<0.01	6.32	11.1	7.83	240	117
	02/22/06	Yes	<0.26	<0.25	<0.3	<0.36	<0.52	<1.15	<1.17	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	<0.021	<0.028	<0.011	<0.01	5.49	9.8	9.04	280	135
	08/11/06	Yes	<0.17	0.72	<0.2	<0.34	<0.59	<1.36	<1.28	<0.016	<0.012	<0.012	<0.013	<0.011	<0.015	<0.018	<0.021	<0.028	<0.011	<0.01	2.98	14.0	6.93	260	135

Note:

VOCs = Volatile Organic Compounds

MTBE = Methyl Tert-Butyl Ether

PAH = Polycyclic Aromatic Hydrocarbons

µg/L = micrograms per liter

NE = Not established by Wisconsin Deparment of Natural Resources (WDNR)

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"J" = analyte detected between laboratory Limit of Detection (LOD) and Limit of Quantitation (LOQ)

--- = not analyzed

mg/L = milligrams per liter

°C = degrees Celsius

s.u. = standard units

µS = microSiemens

mV = millivolts

ORP = Oxidation Reduction Potential

s:\proj\boc\04-1055\tables\^

TABLE 4

Chemical Analysis Results, Soil
[Concentrations in mg/kg (=ppm)]

Parameter	B1	B2	B3	B4	B5A	B6	B7	B7	B8	B9	B10	B11	B12	B12	B12	B13	B13	B14	B15	W2	W3	W5
	2-4'	22-23'	7-9'	7-9'	19.5-21.5'	19.5-21.5'	2-4'	22-24'	24-26'	22-24'	22-24'	22-24'	7-9'	22-24'	EOB	4.5-6'	22-23.5'	14.5-16'	15.5-16'	19.5-21'	19.5-21'	21.2-22.2'
TPH, fuel oil	14700	92.9	22.0	196	1970	ND	3.09	ND	ND	ND	38.7	11.3	249	2210	398	ND	ND	ND	ND	ND	ND	ND
TPH, gas	3170	ND	ND	589	635	ND	ND	ND	ND	ND	ND	ND	143	498	61.0	ND	ND	ND	ND	ND	ND	61.0
Benzene	22.4	0.54	0.25	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.21	0.75	ND	ND	ND	ND	ND	ND	0.75
Ethyl-benzene	41.1	ND	ND	ND	4.7	ND	ND	ND	ND	ND	ND	ND	0.95	0.92	0.35	ND	ND	ND	ND	ND	ND	0.35
Toluene	6.65	ND	ND	0.52	6.99	ND	ND	ND	ND	ND	ND	ND	0.32	2.87	3.58	ND	ND	ND	ND	ND	ND	3.58
Xylenes, total	112	ND	ND	1.20	16.5	ND	ND	ND	ND	ND	ND	ND	9.4	3.1	4.58	ND	ND	ND	ND	ND	ND	4.58
MTBE	0.52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Lead	—	ND	ND	ND	—	—	—	ND	—	ND	ND	ND	ND	ND	—	—	—	—	—	—	—	—

TPH, fuel oil	=	Total Petroleum Hydrocarbons calculated as #2 fuel oil
TPH, gas	=	Total Petroleum Hydrocarbons calculated as gasoline
MTBE	=	Methy Tertiary Butyl Ether
ND	=	Parameter not detected at or above method detection limits
—	=	not analyzed for
EOB	=	End of boring, saturated sand sample from auger
Borings B1-B12	=	Sampled October 1-4, 1990
Borings B13-B15 & W2, W3 & W5	=	Sampled March 26-30, 1991

Table 1

Field Screening Results, Soil
Excavated Soil Samples
PID Headspace Analysis
Baillie Oil Washburn Bulk Facility

Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)	Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)
1	3	5	2	3	4
4	3	77	5	4	50
6	5	101	7	6	123
8	5	25	9	6	44
10	5	126	11	7	138
12	6	135	13	7	118
14	8	105	16	3	45
17	5	44	18	3	5
19	4	6	20	3	30
21	6	6	22	6	101
24	4	70	25	4	14
26	5	21	27	5	99
28	5	22	29	5	150
30	6	60	31	4	156
32	3	280	33	6	262
34	5	197	35	4	282
36	4	59	37	5	85
38	6	200	39	6	115
43	7	131	45	4	82
46	CSP	33	47	5	1.4
48	CSP	203	49	5	38
50	CSP	110	51	6	4
52	CSP	51	53	4	243
55	7	104	57	4	6

Table 1 - Continued

Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)	Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)
58	4	65	59	4	230
60	5	38	61	6	126
62	4	126	63	5	197
64	4	142	65	4	87
66	4	130	68	4	85
69	6	68	72	CSP	40
85	6	109	86	4	0
87	7	25	88	7	112
89	6	92	90	4	82
91	4	75	92	6	89
93	6	209	94	5	265
95	4	2	96	5	235
97	6	216	98	CSP	269
105	6	247	106	4	228
108	5	138	109	5	124
110	4	219	111	4	165
112	5	213	113	6	134
114	6	92	115	5	28
116	3	19	117	4	104
118	4	1	119	3	277
120	4	61	121	4	7
123	4	222	125	4	190
126	5	220	127	5	214
128	4	217	129	4	239
130	5	215	132	6	160
133	6	286	134	CSP	265
135	CSP	282	136	CSP	198

Table 1 - Continued

Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)	Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)
137	CSP	252	138	CSP	290
142	4	7	143	CSP	165
144	4	1.4	145	4	10
146	CSP	59	147	4	213
152	4	99	153	CSP	169
154	4	2.5	156	CSP	32
159	CSP	195	160	4	193
161	4	5.4	162	CSP	179
163	CSP	190	164	CSP	139
165	CSP	187	170	6.5	0
177	6.5	150	178	2	0
186	CSP	140	187	CSP	178
188	2	0.8	189	4	67
190	6.5	0.2	191	2	1.4
192	4	0	193	6	0
194	2	19	195	4	1.4
196	6	3.1	197	CSP	26
199	2	11.8	200	2	21
201	4	5	202	6.5	0
206	2	9.5	207	4	29
208	6.5	0.2	209	4	12
210	4	4.3	222	4	0
223	4	29	226	CSP	186
231	CSP	51	234	2	0
235	4	20	236	7	13.5
237	CSP	56	248	2	0
249	4	23	250	7	1.4

Table 1 - Continued

Sample No. (SV-___)	Depth (ft)	Vapor Reading (ppm)	Sample No. (SV-___)	Depth (ft)	Vapor Reading (ppm)
253	CSP	0.8	254	CSP	11.8
255	2	28	256	4	0
257	7	0	259	2	0
260	4	30	261	7	0.2
276	4	30	279	CSP	0
280	CSP	22			

CSP = Sample collected from contaminated stockpile

Table 2

Chemical Analysis Results
Excavated Soil, Pretreatment
Baillie Oil Washburn Bulk Facility

Parameters	Chemical Concentrations in mg/kg (=ppm)								
	SP-2	SP-3	SP-4	SP-5	SP-6	SP-8	SP-11	SP-13	SP-15
DRO	93.3	41.5	32.8	36.5	16.0	24.5	39.5	<	<
GRO	483	185	72.2	106	273	332	996	105	12.7
MTBE	<	<	<	<	0.560	0.416	3.52	<	<
1,3,5-TMB	18.9	6.57	0.862	3.18	3.77	5.18	14.6	1.42	<
1,2,4-TMB	8.85	2.99	0.340	1.61	7.40	9.11	32.8	0.968	<
Benzene	0.481	<	<	<	1.20	1.84	7.81	<	<
Ethylbenzene	3.01	0.688	<	<	<	0.347	19.3	<	<
Toluene	5.57	1.08	<	<	9.79	10.3	40.1	<	<
Xylenes	22.6	5.97	0.432	1.82	18.3	17.9	71.5	1.1	<

< = parameter not detected in concentrations at or above method detection limits
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
MTBE = Methyl Tertiary Butyl Ether
1,3,5-TMB = 1,3,5-trimethylbenzene
1,2,4-TMB = 1,2,4-trimethylbenzene
mg/kg = milligrams per kilogram
ppm = parts per million

Table 3

Field Screening Results, Soil
In-situ Soils at Completion of Excavation
PID Headspace Analysis
Baillie Oil Washburn Bulk Facility

Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)	Location	Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)	Location
3	4	4	Sidewall	15	8	114	Base
23	8	2	Base	40	8	61	Base
41	4	121	Sidewall	42	7	44	Base
44	4	71	Sidewall	54	8	198	Base
55	7.5	104	Base	67	8	119	Base
70	6	0.2	Sidewall	71	5	0	Sidewall
79	4	0.2	Sidewall	80	4	0	Sidewall
81	4	0	Sidewall	82	4	112	Sidewall
83	8	80	Base	84	4	0	Base
107	8	257	Base	122	4	1	Sidewall
124	7	208	Base	131	7	201	Base
148	4	0	Sidewall	149	3.5	0	Sidewall
151	4	0.2	Sidewall	155	4	0	Sidewall
157	4	0	Sidewall	158	4	0	Sidewall
166	2	0	Sidewall	167	6.5	0	Sidewall
168	2	0	Sidewall	169	6.5	0.2	Sidewall
171	2	0	Sidewall	172	2	0	Sidewall
173	6.5	0	Sidewall	174	6.5	12	Sidewall
175	2	0	Sidewall	176	2	0	Sidewall
180	7	175	Base	181	7	2	Base
182	7	40	Base	183	7	127	Base
184	7	203	Base	185	7	152	Base
198	4	0	Sidewall	203	2	0	Sidewall
204	4	0	Sidewall	205	6.5	0	Sidewall
211	2	0	Sidewall	212	4	0	Sidewall
213	6.5	0	Sidewall	214	8	0	Base
215	2	0	Sidewall	216	4	0	Sidewall

Table 3 - Continued

Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)	Location	Sample No. (SV-__)	Depth (ft)	Vapor Reading (ppm)	Location
217	6.5	0	Sidewall	218	2	0	Sidewall
219	4	37	Sidewall	220	6.5	0	Sidewall
221	8	0	Base	224	2	0.2	Sidewall
225	4	0	Sidewall	227	7	0	Sidewall
228	2	0	Sidewall	229	4	0	Sidewall
230	7	0	Sidewall	232	8	0	Base
233	8	0	Base	238	2	0	Sidewall
239	4	0	Sidewall	240	7	0	Sidewall
241	8	8.3	Base	242	8	4.3	Base
243	2	0	Sidewall	244	4	0	Sidewall
245	7	0	Sidewall	246	8	7.2	Base
247	8	35	Base	251	8.5	4.3	Base
252	8.5	22	Base	258	2	0.2	Sidewall
262	2	0	Sidewall	263	4	0	Sidewall
264	6.5	0	Sidewall	265	2	0	Sidewall
266	6	0	Sidewall	267	6.5	0	Sidewall
268	2	0	Sidewall	269	4	0	Sidewall
270	7	0	Sidewall	271	8	0	Base
272	8	0	Base	273	8	0	Base
274	8	4.3	Base	275	2	0	Sidewall
277	7	0	Sidewall	278	4	0	Sidewall
281	4	0	Sidewall	282	4	0	Sidewall
283	8.5	63	Base	284	4	0	Sidewall
285	4	0	Sidewall	286	4	0	Sidewall
287	8	198	Base	288	4	0.2	Sidewall
289	4	0	Sidewall	290	4	0	Sidewall

Table 5

Chemical Analysis Results
In-situ Soil, Sidewalls and Base of Excavation
Baillie Oil Washburn Bulk Facility

Location	Chemical Concentration in mg/kg (=ppm)													
	Sidewall - 4'											Base - 8'		
Sample #	SS-1	SS-2	SS-5	SS-6	SS-7	SS-9	SS-10	SS-11	SS-13	SS-14	SS-15	SS-4	SS-8	SS-12
DRO	<	<	<	<	<	<	<	<	<	<	<	21.1	59.5	57.1
GRO	<	<	<	<	<	<	<	<	<	<	<	72.2	204	3870
MTBE	<	<	<	<	<	<	<	<	<	<	<	<	<	3.99
1,3,5-TMB	<	<	<	<	<	<	<	<	<	<	<	1	3.46	25.5
1,2,4-TMB	<	<	<	<	<	<	<	<	<	<	<	0.406	3.07	42.1
Benzene	<	<	<	<	<	<	<	<	<	<	<	<	<	11.5
Ethylbenzene	<	<	<	<	<	<	<	<	<	<	<	<	<	10.9
Toluene	<	<	<	<	<	<	<	<	<	<	<	<	<	37.8
Xylenes	<	<	<	<	<	<	<	<	<	<	<	<	3.18	48.7

<	=	parameter not detected in concentrations at or above method detection limits
DRO	=	Diesel Range Organics
GRO	=	Gasoline Range Organics
MTBE	=	Methyl Tertiary Butyl Ether
1,3,5-TMB	=	1,3,5-trimethylbenzene
1,2,4-TMB	=	1,2,4-trimethylbenzene
mg/kg	=	milligrams per kilogram
ppm	=	parts per million

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-1

Well Location:

Riser Elevation: 659.08

Ground Elevation:

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1535	SWLP	22.71	---	636.37	---
08/25/05	1301	SWLP	22.48	---	636.60	---
11/17/05	1018	SWLP	22.31	---	636.77	---
02/22/06	1307	SWLP	22.11	---	636.97	---
06/02/06	1333	SWLP	21.40	---	637.68	---
08/11/06	1144	SWLP	21.61	---	637.47	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-2

Well Location:

Riser Elevation: 655.26

Ground Elevation:

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1302	SWLP	23.11	---	632.15	---
08/25/05	1043	SWLP	22.93	---	632.33	---
11/17/05	1443	SWLP	22.79	---	632.47	---
02/22/06	1134	SWLP	22.67	---	632.59	---
06/02/06	1329	SWLP	21.84	---	633.42	---
08/11/06	0942	SWLP	22.23	---	633.03	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-3

Well Location:

Riser Elevation: 657.05

Ground Elevation:

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1528	SWLP	22.38	---	634.67	---
08/25/05	1230	SWLP	22.17	---	634.88	---
11/17/05	1605	SWLP	22.79	---	634.26	---
02/22/06	1312	SWLP	21.88	---	635.17	---
06/02/06	1339	SWLP	21.20	---	635.85	---
08/11/06	1115	SWLP	21.36	---	635.69	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-3B

Well Location:

Riser Elevation: 657.37

Ground Elevation:

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1532	SWLP	21.30	---	636.07	---
08/25/05	1244	SWLP	21.04	---	636.33	---
11/17/05	1608	SWLP	20.88	---	636.49	---
02/22/06	1310	SWLP	20.66	---	636.71	---
06/02/06	1339	SWLP	20.01	---	637.36	---
08/11/06	1128	SWLP	20.12	---	637.25	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-5

Well Location:

Riser Elevation: 654.15

Ground Elevation:

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1309	SWLP	23.85	---	630.30	---
08/25/05	1105	SWLP	23.69	---	630.46	---
11/17/05	1450	SWLP	23.55	---	630.60	---
02/22/06	1137	SWLP	23.38	---	630.77	---
06/02/06	1315	SWLP	22.41	---	631.74	---
08/11/06	0957	SWLP	22.89	---	631.26	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-6

Well Location:

Riser Elevation: 655.14

Ground Elevation:

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1305	SWLP	24.72	---	630.42	---
08/25/05	1215	SWLP	24.46	---	630.68	---
11/17/05	1600	SWLP	24.30.	---	630.84	---
02/22/06	1258	SWLP	24.10	---	631.04	---
06/02/06	1402	SWLP	23.18	---	631.96	---
08/11/06	1010	SWLP	23.54	---	631.60	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-7

Well Location:

Riser Elevation: 651.11

Ground Elevation:

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1331	SWLP	23.10	---	628.01	---
08/25/05	1159	SWLP	23.00	---	628.11	---
11/17/05	1511	SWLP	22.83	---	628.28	---
02/22/06	1237	SWLP	22.62	---	628.49	---
06/02/06	1345	SWLP	21.62	---	629.49	---
08/11/06	1026	SWLP	22.20	---	628.91	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-8

Well Location:

Riser Elevation: 644.5

Ground Elevation: 643.94

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1351	SWLP	20.41	19.85	624.09	---
08/25/05	1131	SWLP	20.41	20.41	623.53	---
11/17/05	1531	SWLP	20.22	20.22	623.72	---
02/22/06	1200	SWLP	19.97	19.97	623.97	---
06/02/06	1407	SWLP	18.98	18.98	624.96	---
08/11/06	1044	SWLP	19.64	19.64	624.30	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.

WATER LEVEL DATA

Project: BOC04-2200-1055

Location: WASHBURN, WISCONSIN

Personnel: HMD

Well Number: MW-9

Well Location:

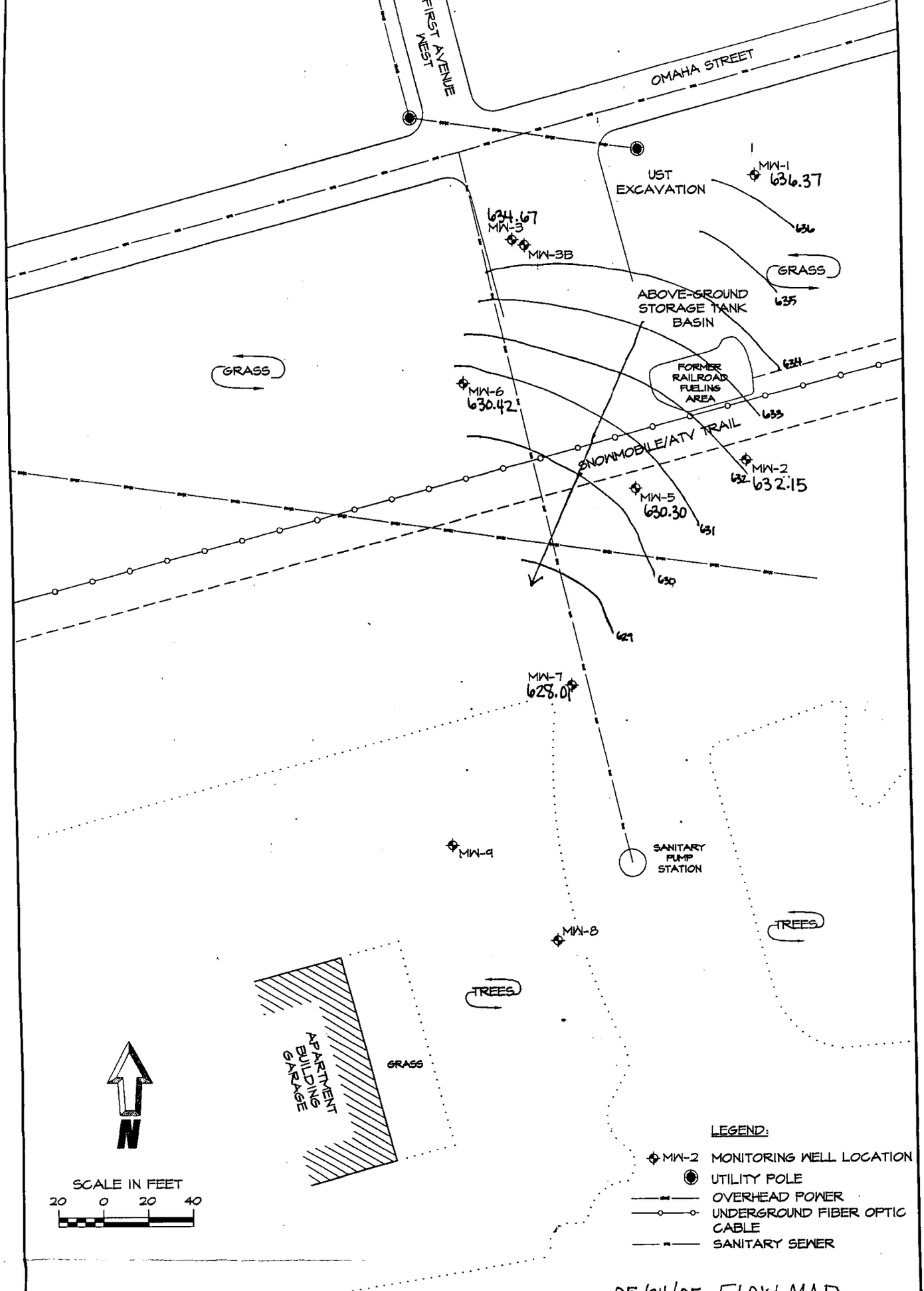
Riser Elevation: 650.43

Ground Elevation: 647.83

Date	Time	Measuring Device	Depth (ft. below top of riser)	Water Level		Comments
				Depth (ft. below grade)	Elevation (ft. sd)	
05/24/05	1426	SWLP	23.80	21.20	626.63	---
08/25/05	1144	SWLP	23.77	21.17	626.66	---
11/17/05	1543	SWLP	23.57	20.97	626.86	---
02/22/06	1216	SWLP	23.32	20.72	627.11	---
06/02/06	1405	SWLP	23.32	20.72	627.11	---
08/11/06	1056	SWLP	22.96	20.36	627.47	---

Measuring Device:
SWLP: Solonist Water Level Probe
OWLP: Olympic Water Level Probe
TAPE: Steel or Fiberglass Measuring Tape

NOTE: All water level elevations are referenced to mean sea level.



05/24/05 FLOW MAP

Northern Environmental

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WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

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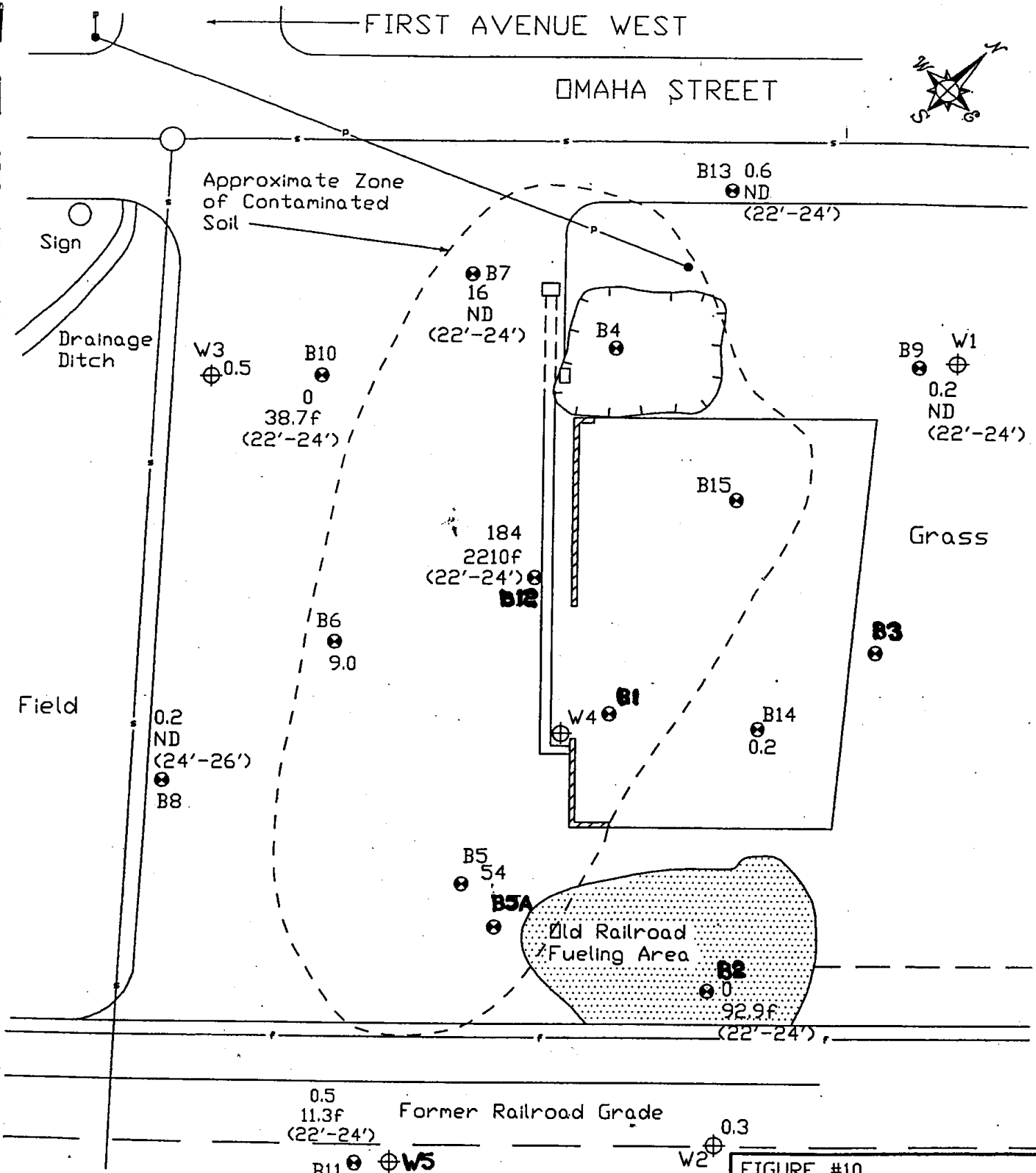
MONITORING WELL LOCATIONS

BAILLIE OIL COMPANY
32 WEST OMAHA STREET
WASHBURN, WISCONSIN

DATE: 05/31/05	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: BOC04-2201-1055	FIGURE 2



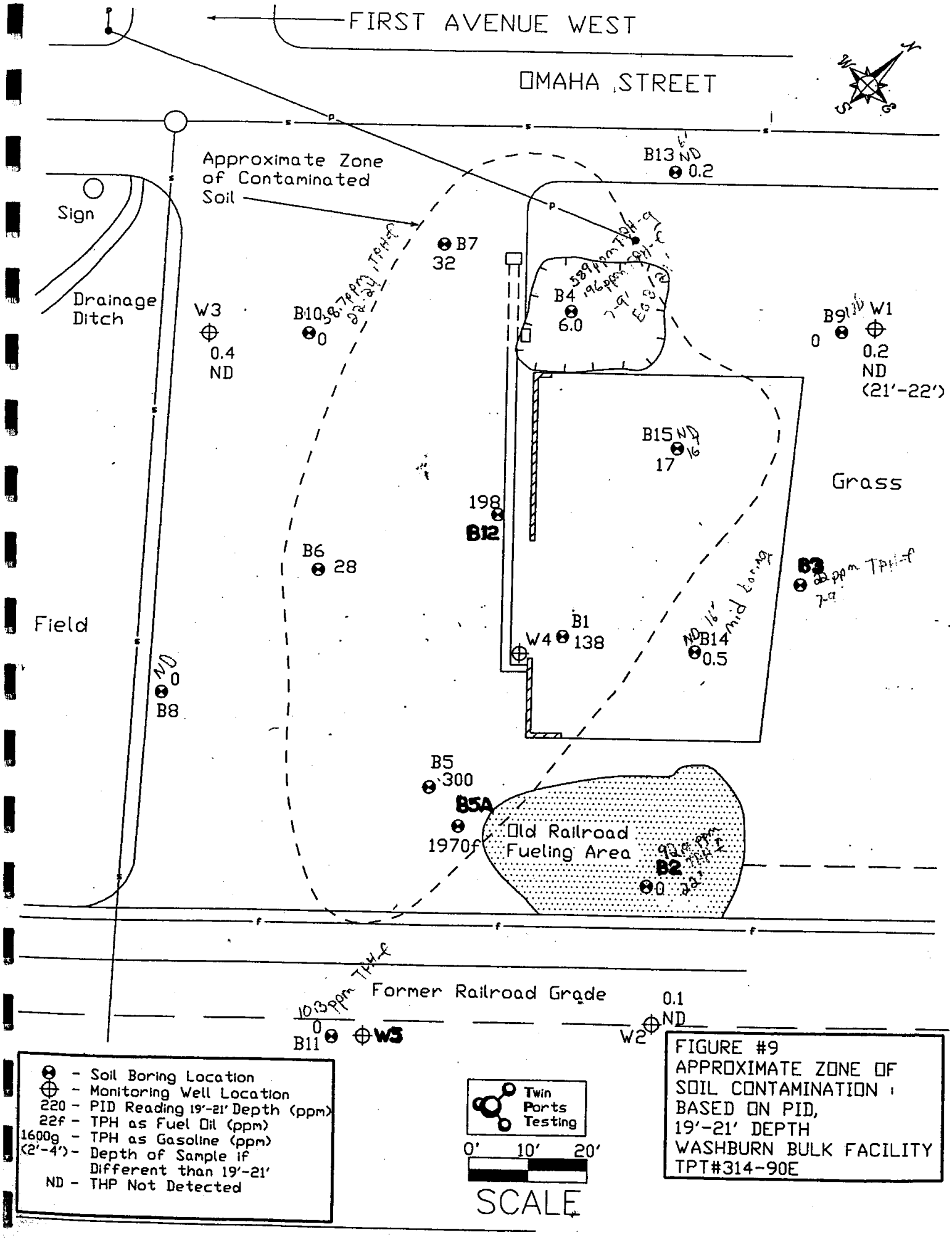
- Soil Boring Location
- Monitoring Well Location
- 220 - PID Reading 22'-26' Depth (ppm)
- 22f - TPH as Fuel Oil (ppm)
- 1600g - TPH as Gasoline (ppm)
- (2'-4') - Depth of Sample if Different than 22'-26'
- ND - THP Not Detected

Twin Ports Testing

0' 10' 20'

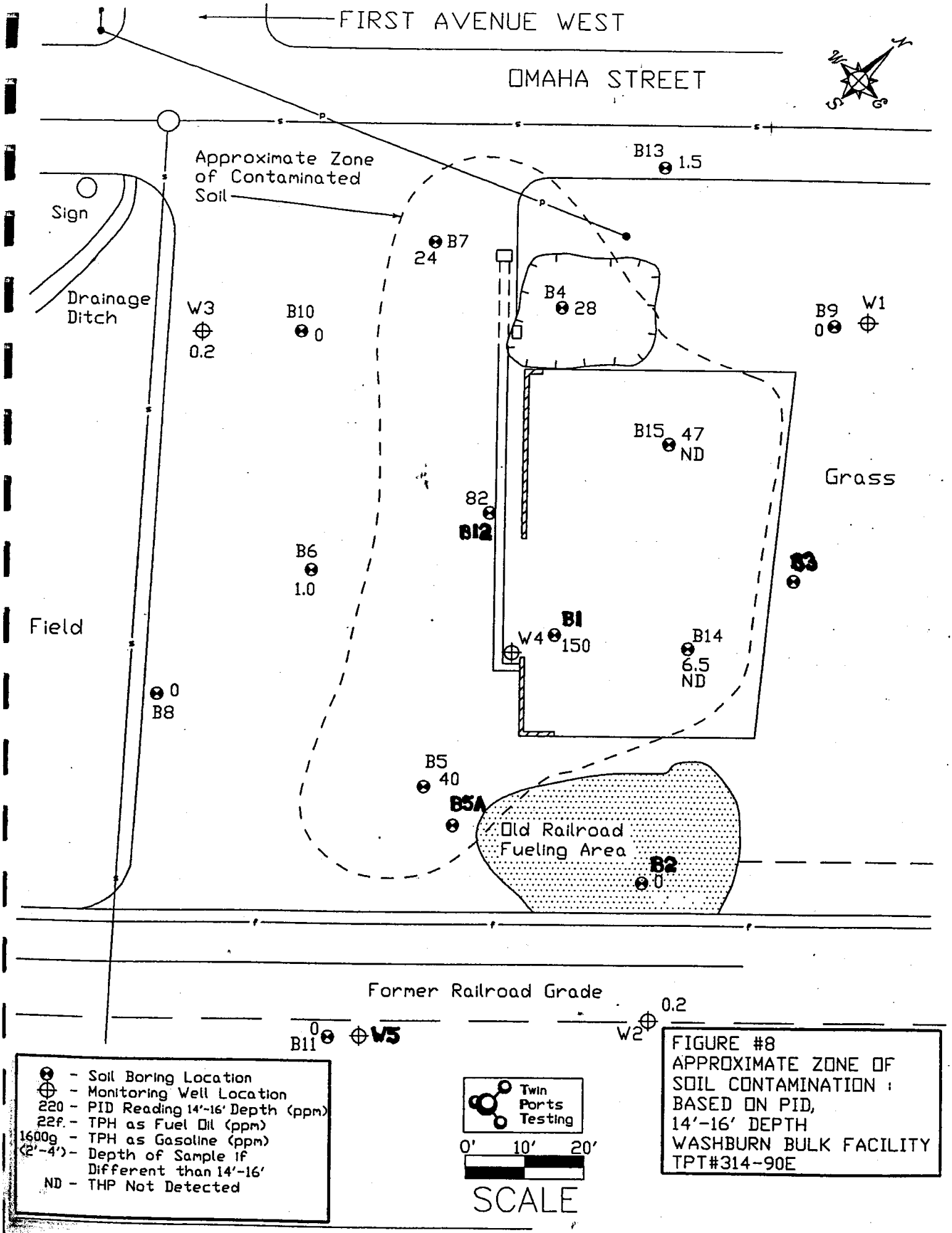
SCALE

FIGURE #10
APPROXIMATE ZONE OF SOIL CONTAMINATION : BASED ON PID, 22'-26' DEPTH
WASHBURN BULK FACILITY
TPT#314-90E



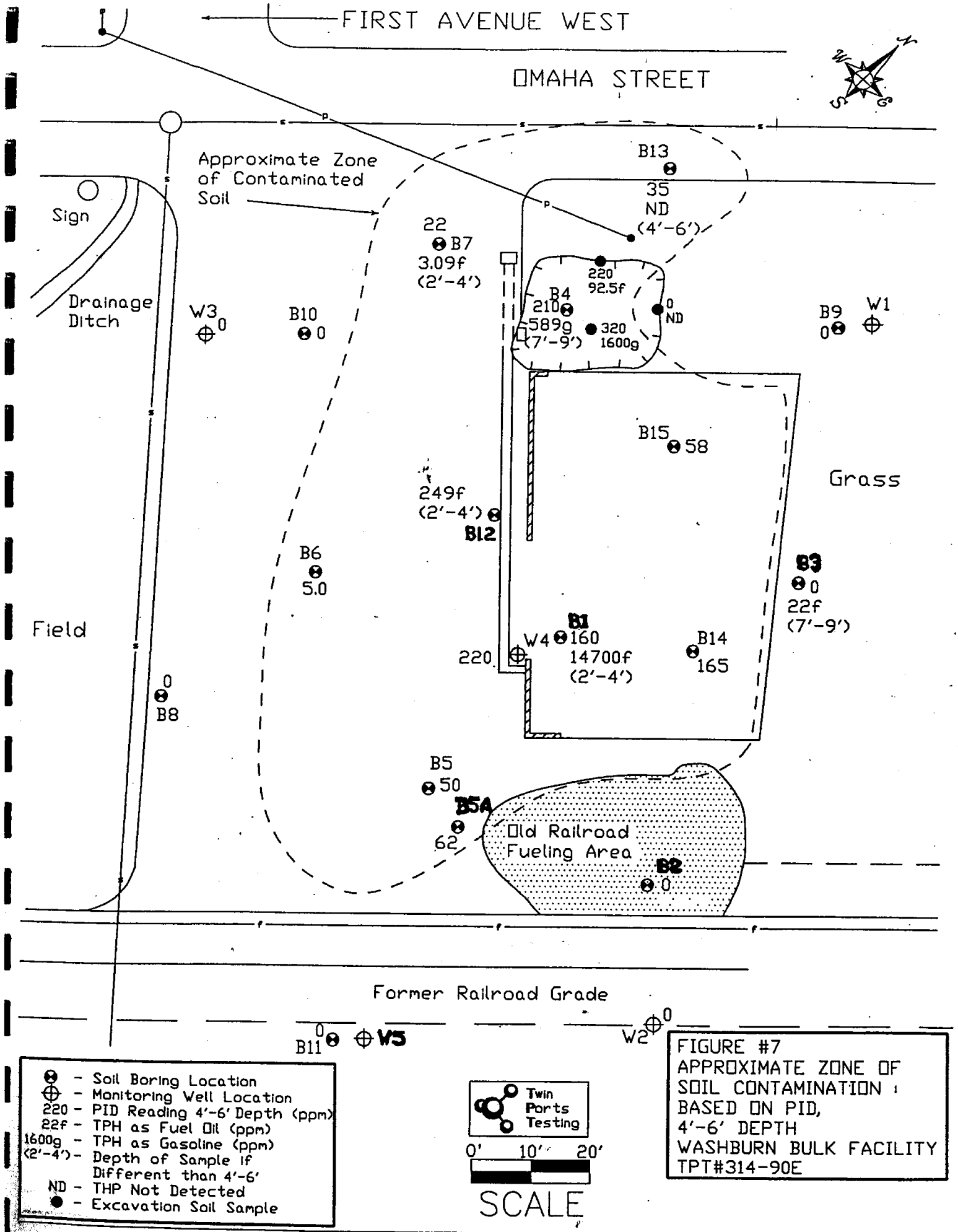
- Soil Boring Location
- Monitoring Well Location
- 220 - PID Reading 19'-21' Depth (ppm)
- 22f - TPH as Fuel Oil (ppm)
- 1600g - TPH as Gasoline (ppm)
- (2'-4') - Depth of Sample if Different than 19'-21'
- ND - THP Not Detected

FIGURE #9
APPROXIMATE ZONE OF SOIL CONTAMINATION : BASED ON PID, 19'-21' DEPTH
WASHBURN BULK FACILITY
TPT#314-90E



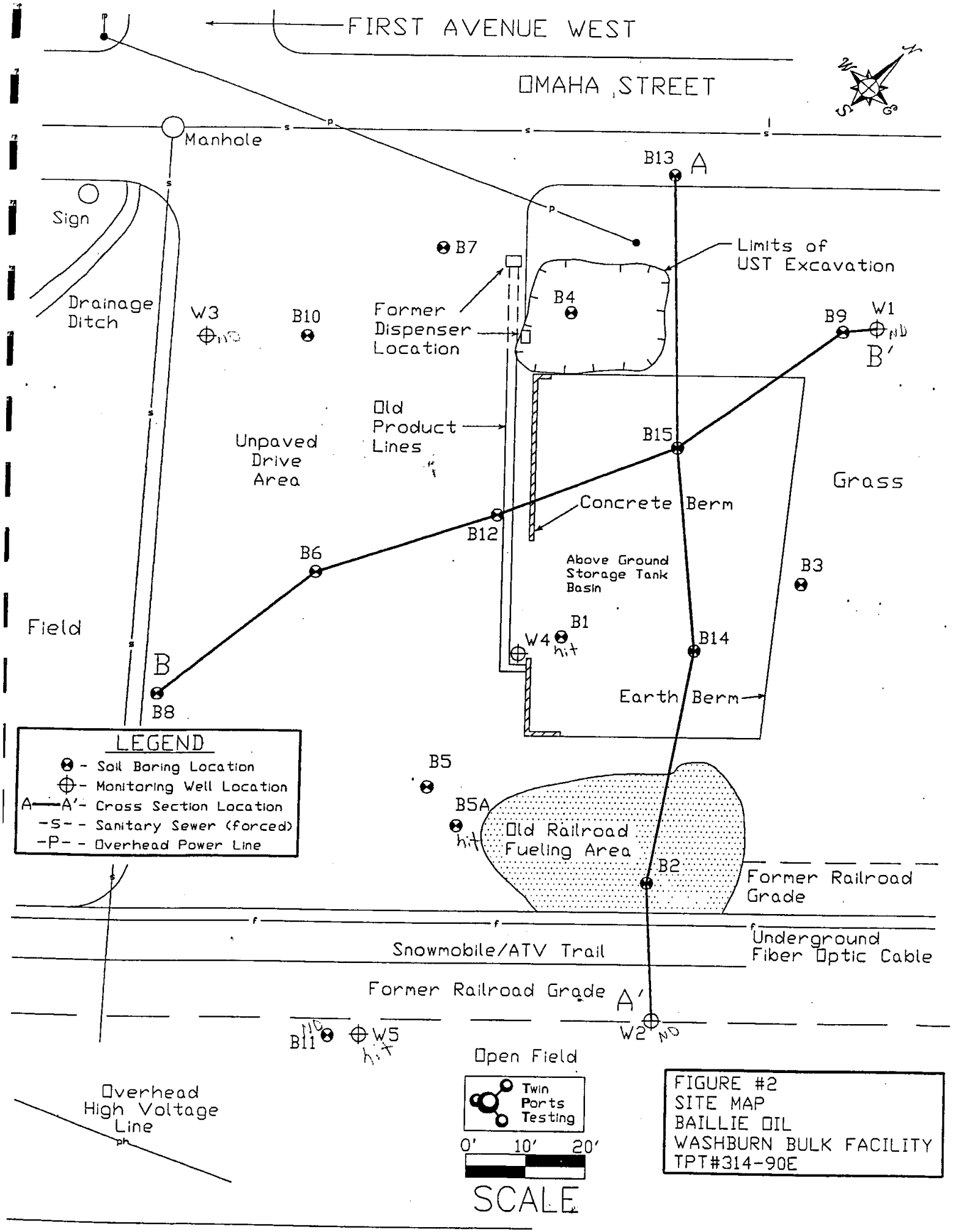
⊗ - Soil Boring Location
⊕ - Monitoring Well Location
220 - PID Reading 14'-16' Depth (ppm)
22f. - TPH as Fuel Oil (ppm)
1600g - TPH as Gasoline (ppm)
(2'-4') - Depth of Sample if Different than 14'-16'
ND - THP Not Detected

FIGURE #8
APPROXIMATE ZONE OF SOIL CONTAMINATION : BASED ON PID, 14'-16' DEPTH
WASHBURN BULK FACILITY
TPT#314-90E



⊗ - Soil Boring Location
⊕ - Monitoring Well Location
220 - PID Reading 4'-6' Depth (ppm)
22f - TPH as Fuel Oil (ppm)
1600g - TPH as Gasoline (ppm)
(2'-4') - Depth of Sample if Different than 4'-6'
ND - THP Not Detected
● - Excavation Soil Sample

FIGURE #7
APPROXIMATE ZONE OF SOIL CONTAMINATION : BASED ON PID, 4'-6' DEPTH
WASHBURN BULK FACILITY
TPT#314-90E


FIRST AVENUE WEST
OMAHA STREET
Manhole
Sign
Drainage Ditch
W3
B10
B7
Former Dispenser Location
Limits of UST Excavation
B4
B13
A
B9
W1
B'
Old Product Lines
Unpaved Drive Area
B15
Grass
Concrete Berm
B12
B6
Above Ground Storage Tank Basin
B3
Field
B1
W4
B14
B
B8
Earth Berm
LEGEND
- Soil Boring Location
- Monitoring Well Location
A—A' - Cross Section Location
-S- - Sanitary Sewer (forced)
-P- - Overhead Power Line
B5
B5A
Old Railroad Fueling Area
B2
Former Railroad Grade
Underground Fiber Optic Cable
Snowmobile/ATV Trail
Former Railroad Grade
A'
B11
W5
W2
Open Field
Overhead High Voltage Line
Twin Ports Testing
0' 10' 20'
SCALE
FIGURE #2
SITE MAP
BAILLIE OIL
WASHBURN BULK FACILITY
TPT#314-90E

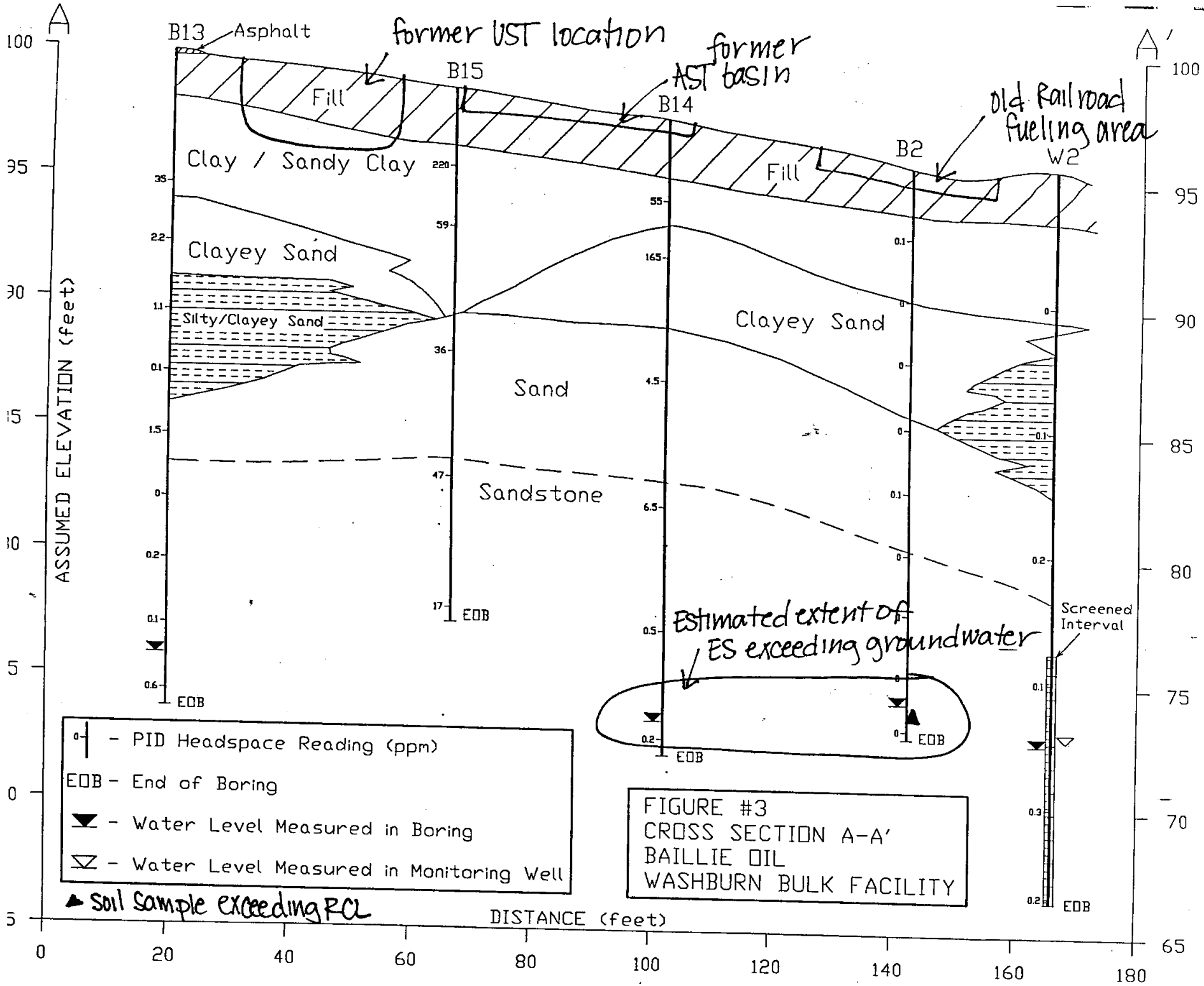


FIGURE #3
CROSS SECTION A-A'
BAILLIE OIL
WASHBURN BULK FACILITY

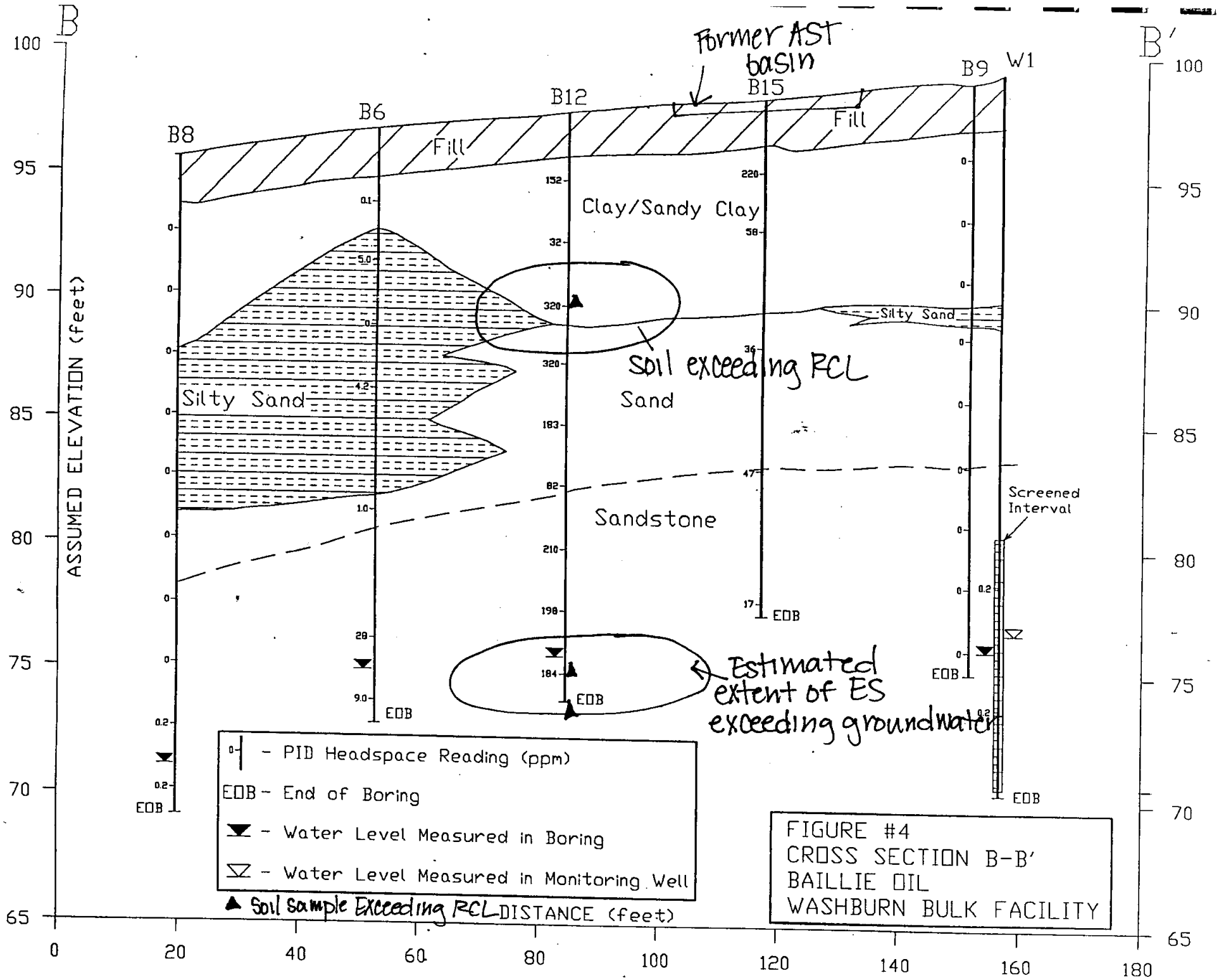


FIGURE #4
CROSS SECTION B-B'
BAILLIE OIL
WASHBURN BULK FACILITY

September 28, 2006
BOC04-2200-1055

City of Washburn
119 Washington Avenue
Washburn Wisconsin 54891

RE: Department of Natural Resources off-source property contamination letter

Dear City of Washburn:

Groundwater contamination that appears to have originated on the property located at 32 West Omaha Street, Washburn has migrated onto your property with the legal description Lot 4 CSM V 3 P 240 Less par in V 468 P 21 (PIN # 04-291-2-48-04-05-105-002-03000). The levels of benzene and naphthalene contamination in the groundwater on your property are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination have informed me that this groundwater contaminant plume is stable or receding and will naturally degrade over time. I believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726 and chapter NR 746 if this site is eligible for closure under ch. NR 746, Wisconsin Administrative Code, and I will be requesting that the Department of Natural Resources accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is not on your property, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of section 292.13, Wisconsin Statutes, you may obtain a copy of the Department of Natural Resources' publication #RR–589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off–Site Contamination, by accessing the following web address:
http://dnr.wi.gov/org/aw/rr/archives/pubs/RR589.pdf.

The Department of Natural Resources will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the Department to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the Department of Natural Resources that is relevant to this closure request, you should mail that information to: Chris Saari, Wisconsin Department of Natural Resources, 2501 Golf Course Road, Ashland, Wisconsin 54806.

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds chapter NR 140 groundwater enforcement standards will be listed on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

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

Once the Department makes a decision on my closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at http://www.dnr.wi.gov/org/aw/rr/gis/index.htm. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at 4068 East Central Avenue, Brule, Wisconsin or 715-372-4808 or you may contact Chris Saari at 2501 Golf Course Road, Ashland, Wisconsin 54806.

Sincerely,
Baillie Oil Company

Don Baillie

Don Baillie

September 28, 2006
BOC04-2200-1055

Union Pacific Corporation
1400 Douglas Street
Omaha, Nebraska 68179

RE: Wisconsin Department of Natural Resources source property contamination letter

Dear Union Pacific Corporation:

Groundwater contamination that appears to have originated on the railroad right-of-way property located at 32 West Omaha Street, Washburn, Wisconsin. The levels of benzene contamination in the groundwater on your property are above the state groundwater enforcement standards found in chapter NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination have informed me that this groundwater contaminant plume is stable or receding and will naturally degrade over time. I believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in chapter NR 726 and chapter NR 746 if this site is eligible for closure under ch. NR 746 Wisconsin Administrative Code, and I will be requesting that the Department of Natural Resources accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the Department will not be requiring any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is not your responsibility, neither you nor any subsequent owner of your property will be held responsible for investigation or cleanup of this groundwater contamination, as long as you and any subsequent owners comply with the requirements of section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of section 292.13, Wisconsin Statutes, you may obtain a copy of the Department of Natural Resources' publication #RR–589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off–Site Contamination, by accessing the following web address:
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The Department of Natural Resources will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the Department to provide any technical information that you may have that indicates that closure should not be granted for this site. If you would like to submit any information to the Department of Natural Resources that is relevant to this closure request, you should mail that information to: Chris Saari, Wisconsin Department of Natural Resources, 2501 Golf Course Road, Ashland, Wisconsin 54806.

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on the Department of Natural Resources' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above chapter NR 140 enforcement standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the Department of Natural Resources' internet web site. Please review the enclosed legal description of your property, and notify me within the next 30 days if the legal description is incorrect.

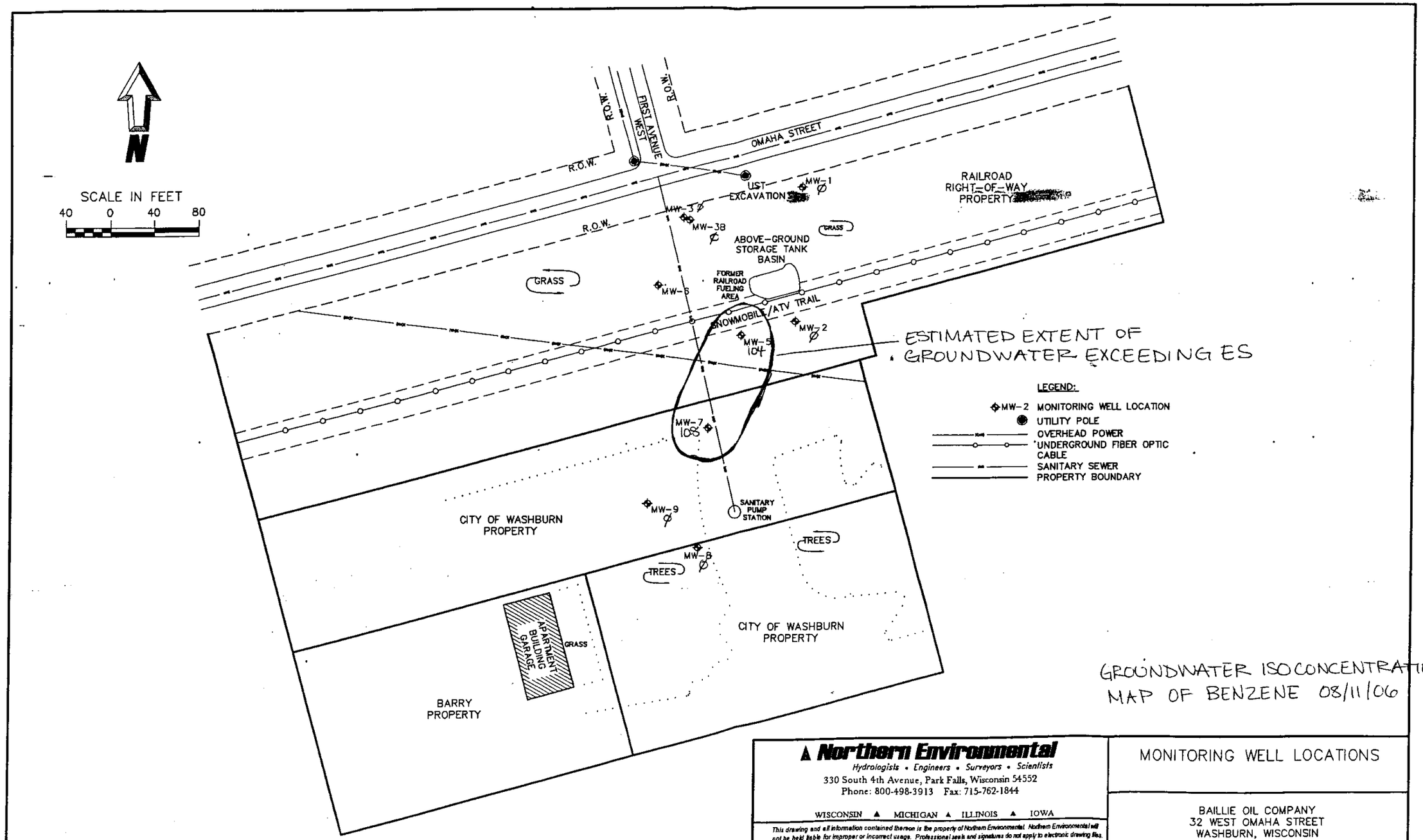
Should you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future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

Once the Department makes a decision on my closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter by requesting a copy from me, by writing to the agency address given above or by accessing the DNR GIS Registry of Closed Remediation Sites on the internet at http://www.dnr.wi.gov/org/aw/rr/gis/index.htm. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you need more information, you may contact me at 4068 East Central Avenue, Brule, Wisconsin or 715-372-4808 or you may contact Chris Saari at 2501 Golf Course Road, Ashland, Wisconsin 54806.

Sincerely,
Baillie Oil Company

Don Baillie



GROUNDWATER ISOCONCENTRATION MAP OF BENZENE 08/11/06

Northern Environmental
Hydrologists • Engineers • Surveyors • Scientists
330 South 4th Avenue, Park Falls, Wisconsin 54552
Phone: 800-498-3913 Fax: 715-762-1844

WISCONSIN ▲ MICHIGAN ▲ ILLINOIS ▲ IOWA

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MONITORING WELL LOCATIONS

BAILLIE OIL COMPANY
32 WEST OMAHA STREET
WASHBURN, WISCONSIN

DATE: 05/31/05	DRAWN BY: NLB	TASK NUMBER: XXX	PROJECT NUMBER: BOC04-2201-1055	FIGURE 2