GIS REGISTRY INFORMATION

SITE NAME:	Wisconsin Public Service Corp - West Combustible Turbine
BRRTS #:	02-38-000397 **FID # (**if appropriate**):**
COMMERCE # (if appropriate**):**	
CLOSURE DATE:	06/08/2005
STREET ADDRESS:	W 1830 West Cleveland Avenue
CITY:	Green Bay
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection)**:**	**X=** 701989 **Y=** 515204
CONTAMINATED MEDIA:	Groundwater [ ] Soil [x] Both [ ]
OFF-SOURCE GW CONTAMINATION >ES:	[ ] **Yes** [x] **No**
IF YES, STREET ADDRESS 1:	
GPS COORDINATES (meters in WTM91 projection)**:**	**X=** **Y=**
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):	[ ] **Yes** [x] **No**
IF YES, STREET ADDRESS 1:	
GPS COORDINATES (meters in WTM91 projection)**:**	**X=** **Y=**
CONTAMINATION IN RIGHT OF WAY:	[ ] **Yes** [x] **No**

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter issued	x
Copy of most recent deed, including legal description, for all affected properties	x
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	x
County Parcel ID number, *if used for county*, for all affected properties	x
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.	x
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.	x
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	x
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	x
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.**	na
GW: Table of water level elevations, with sampling dates, and free product noted if present	x
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	x
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	x
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy**)**	x
RP certified statement that legal descriptions are complete and accurate	x
Copies of off-source notification letters (if applicable)	na
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	na
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	na

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

8/1/2005

Ms. Connie Lawniczak
Wisconsin Public Service Corp.
PO Box 19002
Green Bay, WI 54307

Subject: Final Closure, WPS West Combustible Turbine, Marinette, Wisconsin
WDNR BRRTS # 02-38-000397.

Dear Ms. Lawniczak:

On June 8, 2005, the Northeast Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Based on the correspondence and data provided, it appears that your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code. The Department considers this case closed and no further investigation, remediation or other action is required at this time.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm.

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

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 608-267-7572.

Sincerely,

Jim Walden
Hydrogeologist
Bureau for Remediation & Redevelopment

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

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318867

Whereas, CLARA STAUDENMAIER of Marinette County, State of Wisconsin, on the 7th day of June, 19 51, made, published and declared her last will and testament, and by which she appointed HENRIETTA STAUDENMAIER WARCHOL her executrix of said will, and therein empowered the said executrix to grant, bargain, sell and convey any and all real estate of which said testatrix might die seized or possessed, and therein also authorized and empowered said executrix, upon the sale of any such real estate, to make, execute, acknowledge and deliver sufficient deeds of conveyance to convey and assure to the purchaser or purchasers, all the right, title and interest of the said testatrix in or to the said real estate, and

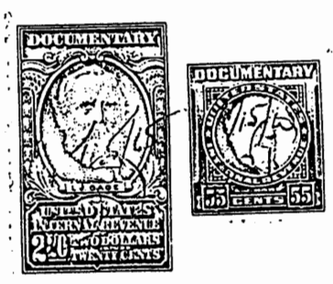
Whereas, the said testatrix died on the 30th day of April, 19 63, at Marinette, Wisconsin, then being an inhabitant of the County of Marinette, State of Wisconsin, and

Whereas, such proceedings were had in the county court of said County of Marinette, State of Wisconsin, that on the 10th day of May, 19 63, the said will of said Clara Staudenmaier was duly allowed and admitted to probate, as and for the last will and testament of the said Clara Staudenmaier deceased, and Henrietta Staudenmaier Warchol by said court appointed executrix of the said last will and testament and letters testamentary were thereupon duly issued out of and under the seal of the said county court to the said Henrietta Staudenmaier Warchol, empowering her to execute the said will, and carry out all the powers conferred upon the said executrix therein, and

Whereas, the said Henrietta Staudenmaier Warchol duly qualified as such executrix and she is now acting as such executrix, and the said executrix having contracted with Wisconsin Public Service Corporation for the sale and conveyance to Wisconsin Public Service Corporation of the lands herein described, for the sum of Twenty-two hundred fifty and no/100 - - - ($2,250.00) - - - - Dollars, the same being a full and adequate price therefor.

Now Therefore, this Indenture Witnesseth, That the said HENRIETTA STAUDENMAIER WARCHOL, executrix of the estate of Clara Staudenmaier party of the first part, in pursuance of the said will and the powers therein conferred, and of said letters testamentary, and in consideration of the sum Twenty-two hundred fifty and no/100 - - ($2,250.00) - - - - - - Dollars, to her in hand paid by the said WISCONSIN PUBLIC SERVICE CORPORATION, party of the second part, receipt whereof is hereby acknowledged, has granted, bargained, sold and conveyed, and by these presents does grant, bargain, sell and convey unto the said party of the second part, its heirs and assigns forever, all of the following described piece or parcel of land lying and being in the County of Marinette, State of Wisconsin, described as follows, to-wit:

Part of the Southwest Quarter of the Northeast Quarter (SW¼ NE¼) of Section Ten (10), Township Thirty (30) North, of Range Twenty-three (23) East, Town of Peshtigo, described as follows: Beginning at the Southeast corner of the Southwest Quarter of the Northeast Quarter (SW¼ NE¼) of Section Ten (10), Township Thirty (30) North, of Range Twenty-three (23) East; thence Northerly along the East line of said Southwest Quarter of the Northeast Quarter (SW¼ NE¼) a distance of six hundred sixty (660) feet; thence Westerly parallel with the South line of said Southwest Quarter of the Northeast Quarter (SW¼ NE¼) a distance of six hundred sixty (660) feet; thence Southerly parallel with the East line of said Southwest Quarter of the Northeast Quarter (SW¼ NE¼) six hundred sixty (660) feet to the South line of said Southwest Quarter of the Northeast Quarter (SW¼ NE¼); thence Easterly along the South line of said Southwest Quarter of the Northeast Quarter (SW¼ NE¼) six hundred sixty (660) feet to the point of beginning; containing ten (10) acres, except parts dedicated for road use.



1547-64

Acc. 275

To Have and to Hold the said tract or parcel of land, with the hereditaments and appurtenances thereunto belonging, unto the said party of the second part, its heirs and assigns forever;

and the said part y *of the first part does hereby covenant with the part* y *of the second part,* its *heirs and assigns, that* she has *not done or suffered any act or thing by which the title hereby conveyed has been impaired, encumbered or affected in any way or manner whatever; and that the same in the quiet and peaceful possession and enjoyment of the said part* y *of the second part,* its *heirs and assigns forever,* she *will forever warrant and defend against all acts of the said part* y *of the first part.*

In Witness Whereof, *the said part* y *of the first part ha* s *hereunto set* her *hand and seal this* 5th *day of* March *,1965 .*

In Presence of

R. E. Neumann

R. E. Neumann

Elizabeth A. Caswell

Elizabeth A. Caswell

Henrietta Staudenmaier Warchol *(Seal)*

Henrietta Staudenmaier Warchol

(Seal)

As execut rix *of the will of said* Clara Staudenmaier *, Deceased.*

State of Wisconsin,
County of Marinette } *ss.*

Personally came before me this 5th *day of* March *,1965 , the above named* Henrietta Staudenmaier Warchol *to me known to be the person* . *and execut* rix *who executed the above and foregoing deed and acknowledged the same.*

Elizabeth A. Caswell

Elizabeth A. Caswell

Notary Public, Marinette Co., Wis.
My commission expires Nov. 14, 1965

(N.B.—Ch. 59 Wis. Stats. provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of grantors, grantees, witnesses and notary.)

This instrument prepared by
Atty. L. W. Staudenmaier

IR 1547-64-350-01-1

Trans. No. 3356

RECORDED
No. 318867
1965 MAR 17 AM 9:19
Reg. H. Wittmann
REGISTER OF DEEDS
OF MARINETTE COUNTY, WIS.
To

EXECUTOR'S DEED
On Power of Sale in Will.

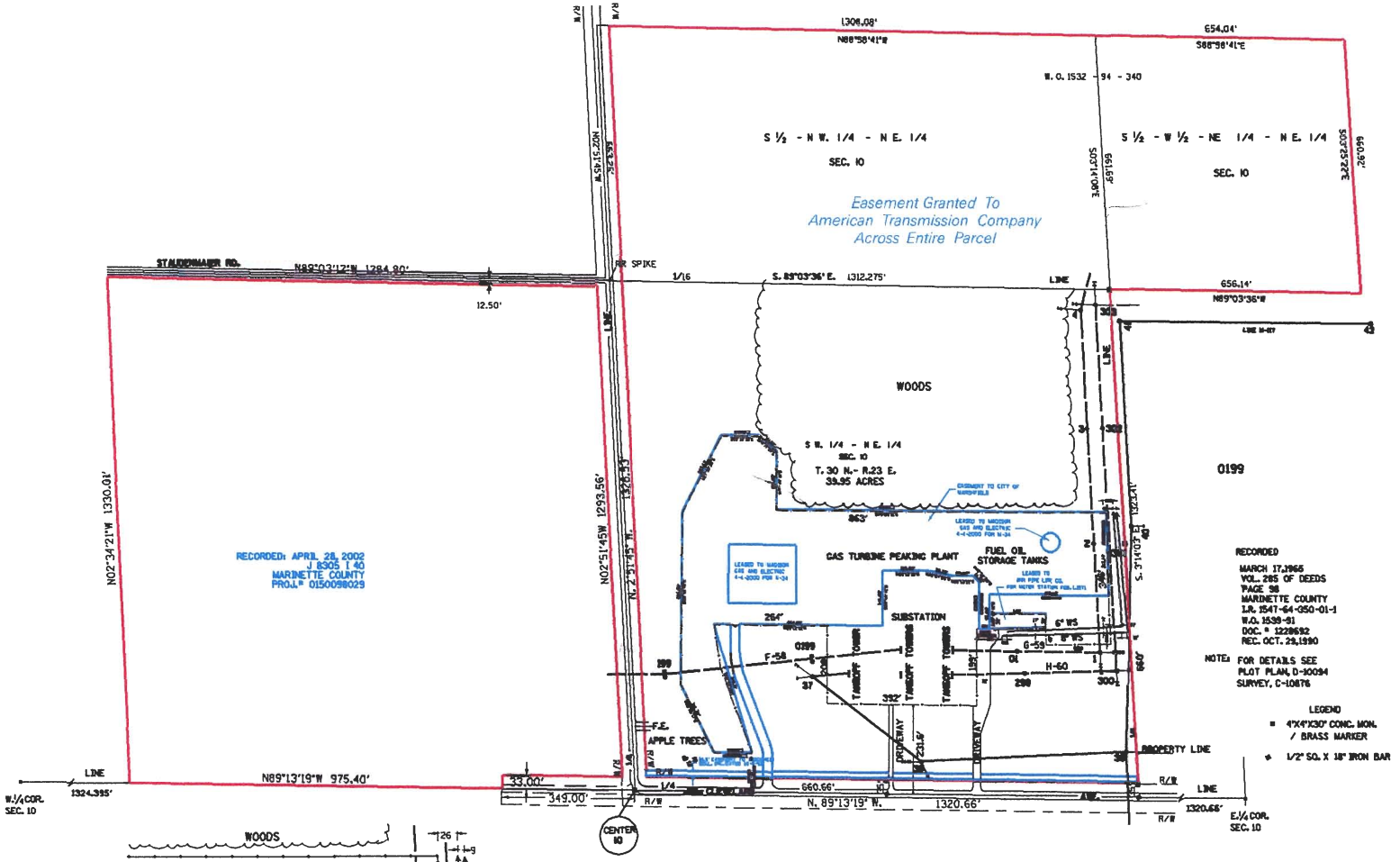
REGISTER'S OFFICE,
County, Wis.
Received for Record this ..... *day of* ....., *19*
at ..... *o'clock* ..... *M., and recorded in*
Vol. ..... *of Deeds on page* .....
Register of Deeds.

WPS
BB

TOWN OF PESHTIGO T. 30 N - R. 23 E. MARINETTE COUNTY

179

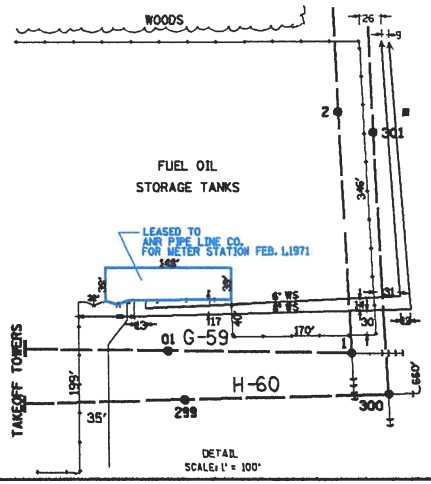
CADD 05/30/95



RECORDED
MARCH 17,1965
VOL. 285 OF DEEDS
PAGE 98
MARINETTE COUNTY
I.R. 1547-64-050-01-1
W.O. 1538-81
DOC. # 1228692
REC. OCT. 29,1990

NOTE: FOR DETAILS SEE PLOT PLAN, D-10094 SURVEY, C-10876

LEGEND
■ 4"X4"X30" CONC. MON. / BRASS MARKER
● 1/2" SQ. X 18" IRON BAR



WISCONSIN PUBLIC SERVICE CORPORATION

WEST MARINETTE SUBSTATION SITE

TOWN OF PESHTIGO, MARINETTTE COUNTY, WISCONSIN

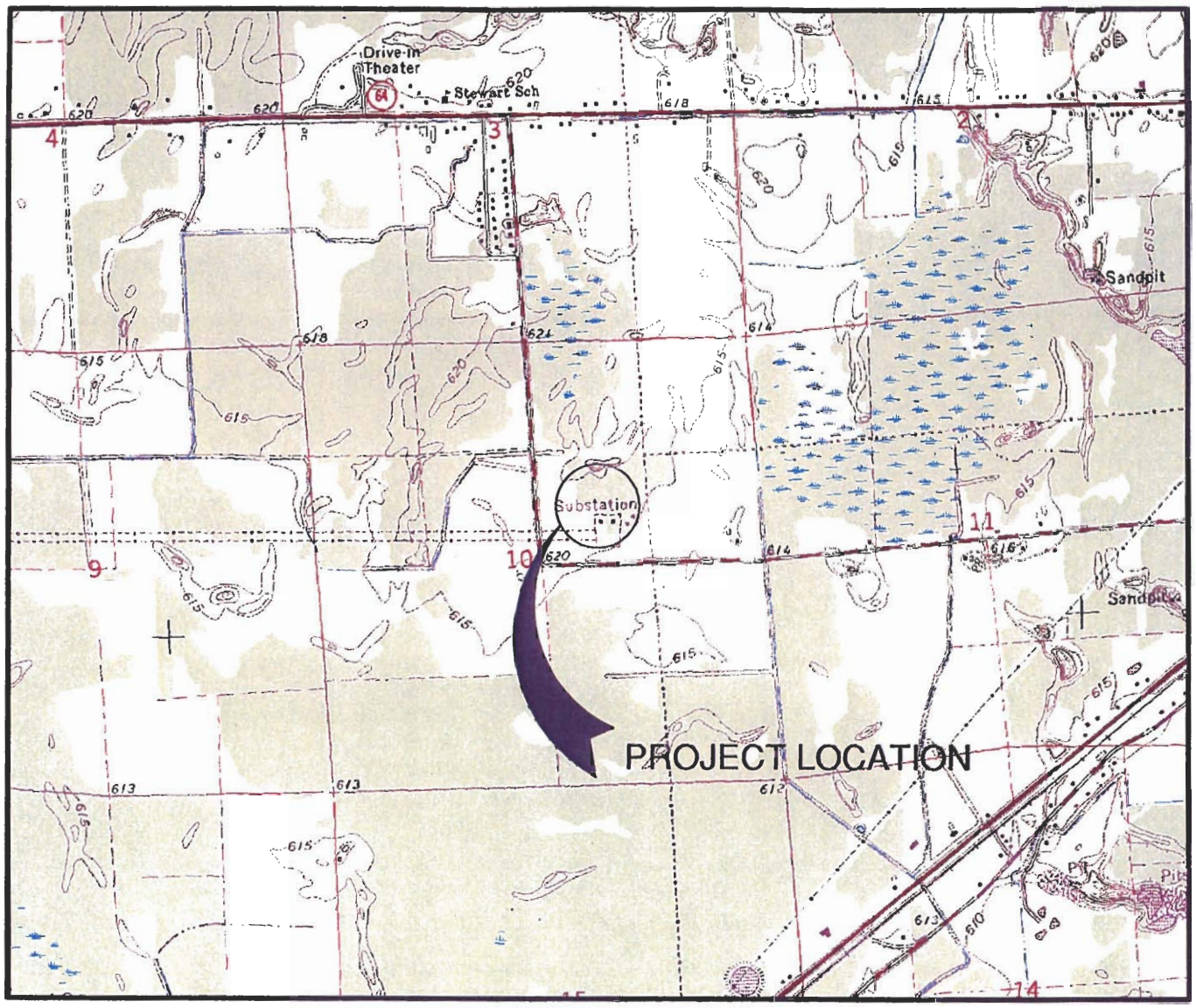
SCALE: As Noted
Revised 10/31/02 by KMP

DRAWN BY: DJS
APP'D BY: TRF

DATE: 05-30-95
DATE: 05-30-95

5

The parcel number is 24-935



LOCATION MAP

WISCONSIN PUBLIC SERVICE
WEST MARINETTE COMBUSTION TURBINE
MARINETTE, WISCONSIN

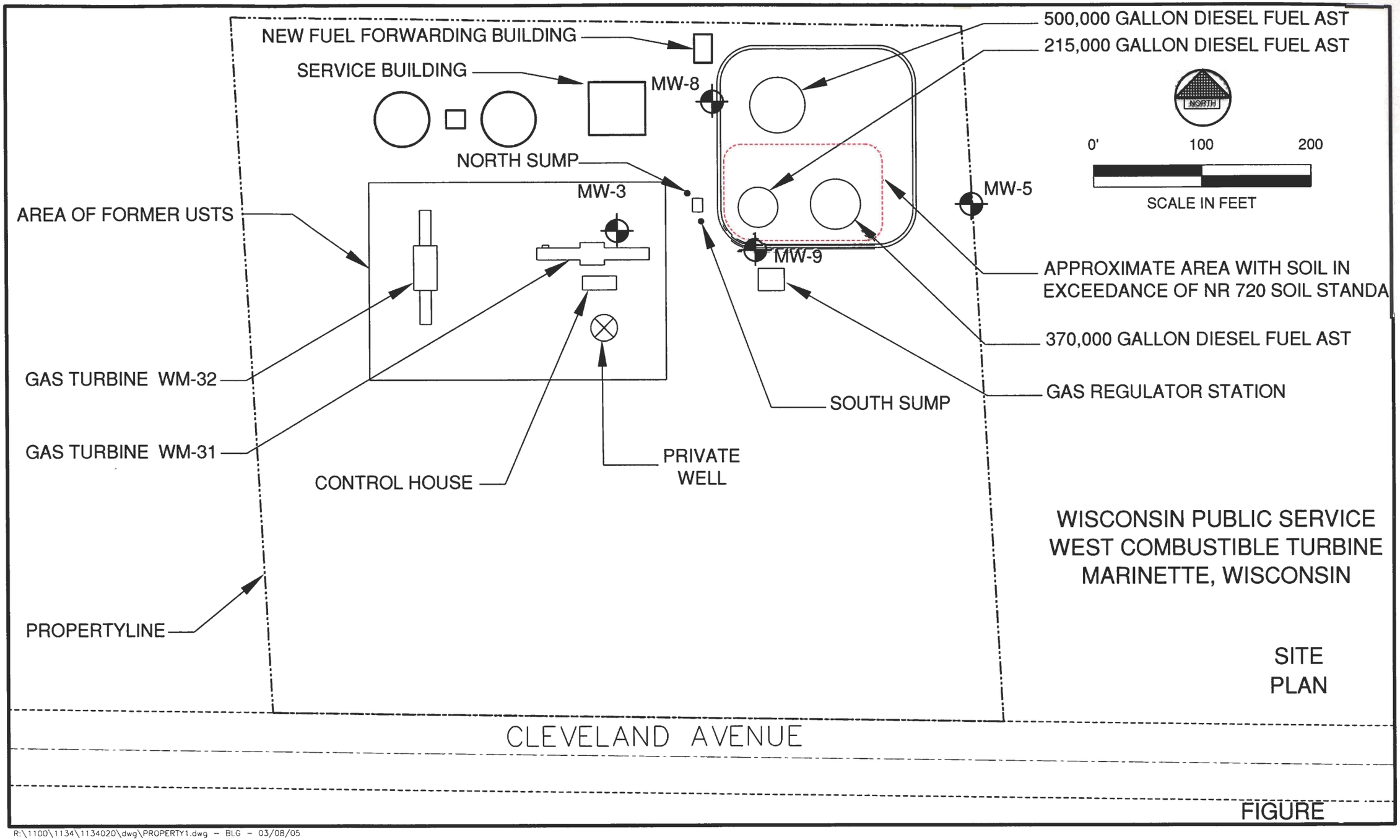
NORTH

1" = 2000'

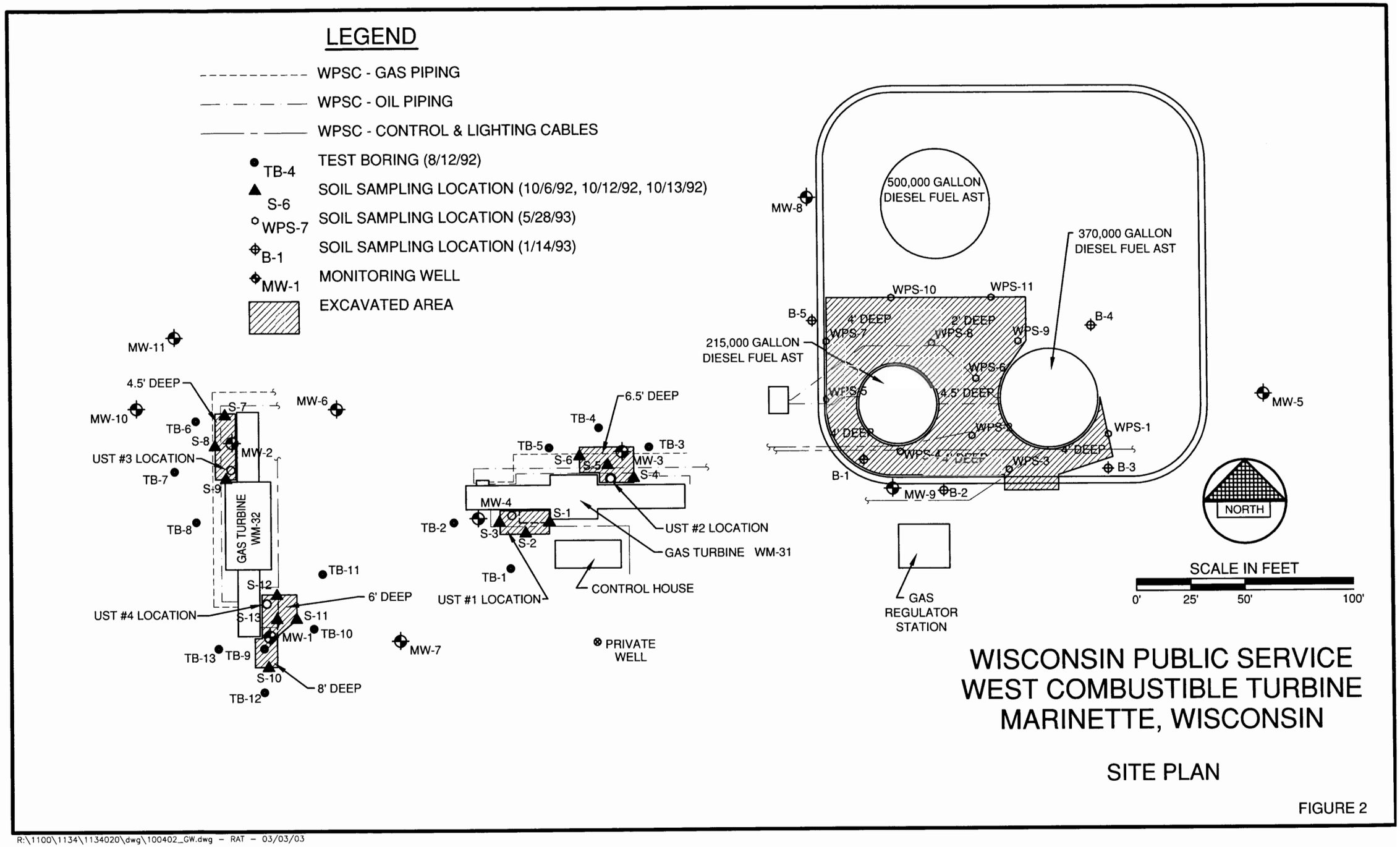
WEST MARINETTE 7.5 MINUTE QUAD - 1963
REVISION DATE - 1976

FIGURE 1

R:\1100\1134\1134020\DWG\LOCATION.DWG - KPK - 5/10/2004



R:\1100\1134\1134020\dwg\PROPERTY1.dwg - BLG - 03/08/05



R:\1100\1134\1134020\dwg\100402_GW.dwg - RAT - 03/03/03

Groundwater Analysis
Table 4

Parameter (µg/L)	NR 140 ES	NR 140 PAL	MW-3												
			3/3/95	4/13/95	9/1/98	1/5/99	7/21/99	11/22/99	1/10/00	7/24/00	10/23/00	1/9/01	4/11/01	7/24/01	10/05/01
PVOC															
Benzene	5	0.5	<0.5	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.21	<0.21	<0.19
Ethylbenzene	700	140	<0.6	<0.6	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.23	<0.23	<0.13
MTBE	60	12	<2.7	ND	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.091	<0.091	<0.20
Toluene	1,000	200	<0.6	<0.6	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	0.31	<0.22	<0.11
Trimethylbenzene	480	96	<1.7	8.1	7.0	2.5	7.5	2.1	4.2	2.4	<1.7	<1.7	3.04	0.77	1.2
Total Xylene	10,000	1,000	<1.7	<1.7	0.67	<0.89	<0.89	<1.7	<1.7	<1.7	<1.7	<1.7	0.84	<0.44	<0.3
PAH															
Acenaphthene	-	-	<2.0	<2.4	12	<1.4	8.9	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13	<0.13
Fluorene	400	80	<0.23	<0.27	4.8	2.9	<0.056	<0.11	<0.11	<0.11	<0.11	1.6	<0.11	3.7	<0.11
1-Methylnaphthalene	-	-	<0.33	46	21	9.2	21	6.0	2.9	6.5	3.8	0.34	5.8	9.7	<0.082
Naphthalene	40	8	<0.80	5.7	*13*	5.3	*9.1*	3.3	0.43	0.80	1.0	0.10	<0.056	1.7	<0.056
Phenanthrene	-	-	<0.12	<0.14	<0.12	2.1	<0.11	<0.045	<0.045	<0.045	0.74	0.77	<0.045	2.2	<0.045

NA = Not Analyzed
ND = No Detect

Italic = Exceedance of NR 140 Groundwater Quality Preventative Action Limits

Bold = Exceedance of NR 140 Groundwater Quality Enforcement Standards

Table 4 Continued

Parameter (µg/L)	NR 140 ES	NR 140 PAL	MW-3							
			1/9/02	7/8/02	10/4/02	1/15/03	7/23/03	10/8/03	1/7/04	1/19/05
PVOC										
Benzene	5	0.5	<0.21	<0.43	*0.72*	<6.1	<0.45	<0.45	<0.30	0.21
Ethylbenzene	700	140	<0.2	<0.49	<0.82	<6.3	<0.47	<0.47	<0.60	<0.40
MTBE	60	12	<0.46	<0.49	<0.43	<6.2	<0.60	<0.68	<0.58	<0.36
Toluene	1,000	200	<0.41	<0.63	<0.68	<6.4	<0.61	<0.61	<0.58	<0.36
Trimethylbenzene	480	96	<0.34	0.71	1.6	<6.6	<0.72	1.6	<0.66	<0.40
Total Xylene	10,000	1,000	<0.43	<1.5	<1.7	<15	<0.99	<0.99	<1.2	<0.74
PAH										
Acenaphthene	-	-	3.1	2.7	2.7	5.0	2.2	2.2	0.45	0.95
Acenaphthylene	-	-	ND	ND	0.081	<0.082	<0.082	<0.082	0.020	0.036
Anthracene	3,000	600	ND	ND	0.17	0.27	<0.026	0.18	0.035	0.10
Benzo(a)anthracene			ND	ND	ND	ND	ND	ND	0.023	<0.021
Benzo(a)pyrene	0.2	0.02	ND	ND	ND	ND	ND	ND	*0.030*	<0.019
Benzo(b)fluoranthene	0.2	0.02	ND	ND	ND	ND	ND	ND	*0.035*	<0.019
Benzo(ghi)perylene	-	-	ND	ND	ND	ND	ND	ND	0.025	<0.022
Benzo(k)fluoranthene	-	-	ND	ND	ND	ND	ND	ND	0.026	<0.020
Chrysene	0.2	0.02	ND	ND	ND	ND	ND	ND	*0.035*	*0.019*
Fluoranthene	400	80	ND	ND	0.092	0.12	0.16	0.11	0.087	0.087
Fluorene	400	80	<0.24	1.9	1.6	1.8	<0.022	1.1	0.23	0.56
Indeno(1,2,3-cd)pyrene	-	-	ND	ND	ND	ND	ND	ND	0.022	<0.018
1-Methylnaphthalene	-	-	1.1	4.8	4.1	4.3	<0.020	1.1	0.56	0.90
2-Methylnaphthalene	-	-	ND	ND	0.087	2.0	<0.037	0.90	0.019	0.076
Naphthalene	40	8	<0.12	0.47	1.8	1.9	<0.013	0.48	0.071	0.49
Phenanthrene	-	-	0.48	1.1	1.2	0.55	0.11	0.19	0.061	0.10
Pyrene	250	50	ND	ND	0.14	0.11	0.25	0.13	0.088	0.088

ND = No Detect

0.0 = Exceedance of NR 140 Groundwater Quality Preventative Action Limits

Bold = Exceedance of NR 140 Groundwater Quality Enforcement Standards

Groundwater Analysis
Table 5

Parameter (µg/L)	NR 140 ES	NR 140 PAL	MW-5										
			6/23/94	8/30/94	3/3/95	4/13/95	9/1/98	1/5/99	7/21/99	11/22/99	1/10/00	7/24/00	10/23/00
PVOC													
Benzene	5	0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
Ethylbenzene	700	140	<0.6	<0.6	<0.6	<0.6	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
MTBE	60	12	<2.7	<2.7	<2.7	ND	<0.92	<0.92	<0.92	<0.92	<0..92	<0.92	<0.92
Toluene	1,000	200	<0.6	<0.6	<0.6	<0.6	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60
Trimethylbenzene	480	96	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	2.1	4.2	<1.7	<1.7
Total Xylene	10,000	1,000	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7
PAH													
Anthracene	3,000	600	<0.2	<0.2	<0.11	<0.11	<0.097	<0.31	<0.10	<0.020	<0.020	0.05	<0.020
Naphthalene	40	8	<0.6	<0.6	1.3	<0.80	<0.68	<2.2	<0.73	3.3	0.10	0.07	0.10

NA = Not Analyzed
ND = No Detect

0.0 = Exceedance of NR 140 Groundwater Quality Preventative Action Limits

Bold = Exceedance of NR 140 Groundwater Quality Enforcement Standards

Table 5
Continued

Parameter (µg/L)	NR 140 ES	NR 140 PAL	MW-5														
			1/9/01	4/11/01	7/24/01	10/05/01	1/9/02	4/12/02	7/8/02	10/4/02	1/15/03	4/9/03	7/23/03	10/8/03	1/7/04	4/13/04	1/19/05
PVOC																	
Benzene	5	0.5	<0.50	<0.21	<0.21	<0.19	<0.21	<0.43	<0.43	<0.45	<0.61	<0.45	<0.45	<0.45	<0.30	<0.14	<0.14
Ethylbenzene	700	140	<0.60	<0.23	<0.23	<0.13	<0.22	<0.49	<0.49	<0.82	<0.63	<0.47	<0.47	<0.47	<0.60	<0.40	<0.40
MTBE	60	12	<0.92	<0.091	<0.091	<0.20	<0.46	<0.49	<0.49	<0.43	<0.62	<0.60	<0.60	<0.60	<0.58	<0.36	<0.36
Toluene	1,000	200	<0.60	<0.22	<0.22	<0.11	<0.41	<0.63	<0.63	<0.68	<0.64	<0.61	<0.61	<0.61	<0.58	<0.36	<0.36
Trimethylbenzene	480	96	<1.7	<0.23	<0.23	<0.12	<0.34	<0.72	<0.72	<0.94	<0.66	<0.72	<0.72	<0.72	<0.66	<0.40	<0.40
Total Xylene	10,000	1,000	<1.7	<0.44	<0.44	<0.30	<0.43	<1.5	<1.5	<1.7	<1.5	<0.99	<0.99	<0.99	<1.2	<0.74	<0.74
PAH																	
Anthracene	3,000	600	<0.020	<0.060	<0.020	<0.020	<0.042	<0.024	<0.024	<0.020	<0.026	<0.026	<0.026	<0.026	<0.019	<0.020	<0.019
Benzo(a)anthracene	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.044	<0.012	<0.021
Benzo(a)pyrene	0.2	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.050**	**<0.014**	**<0.019**
Benzo(b)fluoranthene	0.2	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.064**	**<0.013**	**<0.019**
Benzo(ghi)perylene	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.045	<0.016	<0.022
Benzo(k)fluoranthene	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.047	<0.019	<0.020
Chrysene	0.2	0.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**0.062**	**<0.014**	**<0.017**
Fluoranthene	400	80	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.14	<0.013	0.018
Indeno(1,2,3-cd)pyrene	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.039	<0.021	<0.018
Naphthalene	40	8	<0.056	<0.17	<0.056	<0.056	<0.12	<0.067	<0.067	<0.027	<0.013	<0.013	0.17	<0.028	0.030	<0.024	0.031
1-Methylnaphthalene	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.049	<0.020	<0.017	<0.018	<0.021
2-Methylnaphthalene	-	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.20	<0.075	0.017	<0.017	<0.024
Phenantrene	-	-	ND	ND	ND	ND	ND	ND	ND	ND	0.052	<0.030	<0.030	<0.030	0.060	<0.016	<0.022
Pyrene	250	50	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.12	<0.017	0.017

NA = Not Analyzed
ND = No Detect

0.0 = Exceedance of NR 140 Groundwater Quality Preventative Action Limits

Bold = Exceedance of NR 140 Groundwater Quality Enforcement Standards

Groundwater Analysis
Table 6

Parameter (µg/L)	NR 140 ES	NR 140 PAL	MW-8													
			9/1/98	1/5/99	7/21/99	11/22/99	7/24/00	10/23/00	1/9/01	4/11/01	7/24/01	10/05/01	1/9/02	4/12/02	7/8/02	10/4/02
PVOC																
Benzene	5	0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	*1.2*	<0.21	<0.19	<0.21	<0.43	<0.43	<0.45
Ethylbenzene	700	140	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.23	<0.23	<0.13	<0.22	<0.49	<0.49	<0.82
MTBE	60	12	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.92	<0.091	<0.091	<0.20	<0.46	<0.49	<0.49	<0.43
Toluene	1,000	200	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	1.4	<0.22	<0.11	<0.41	<0.63	<0.63	<0.68
Trimethylbenzene	480	96	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<0.23	<0.23	<0.12	<0.34	<0.72	<0.72	<0.94
Total Xylene	10,000	1,000	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	0.52	<0.44	<0.3	<0.43	<1.5	<1.5	<1.7
PAH																
Acenaphthene	-	-	<1.3	<1.4	<1.4	<0.13	<0.40	<0.13	<0.13	<0.13	<01.3	2.8	<0.28	<0.053	<0.053	<0.018
Fluorene	400	80	<0.052	<0.056	<0.056	<0.11	<0.34	<0.11	<0.11	<0.11	<0.11	2.2	<0.24	<0.025	<0.025	<0.021
1-Methylnaphthalene	-	-	<0.89	<0.94	<0.94	<0.082	<0.25	0.16	<0.082	<0.082	<0.082	4.1	<0.17	<0.095	<0.095	<0.027
2-Methylnaphthalene	-	-	<0.86	<0.92	<0.92	<0.072	<0.22	0.30	<0.072	<0.072	<0.072	<0.072	<0.15	<0.096	<0.096	<0.028
Naphthalene	40	8	<0.68	<0.73	<0.73	<0.056	<0.17	0.23	<0.056	0.09	<0.056	1.0	0.68	<0.067	<0.067	<0.027

NA = Not Analyzed
ND = No Detect

0.0 = Exceedance of NR 140 Groundwater Quality Preventative Action Limits

Bold = Exceedance of NR 140 Groundwater Quality Enforcement Standards

Groundwater Analysis
Table 6 Continued

Parameter (µg/L)	NR 140 ES	NR 140 PAL	MW-8						
			1/15/03	4/9/03	7/23/03	10/8/03	1/7/04	4/13/04	1/19/05
PVOC									
Benzene	5	0.5	<0.061	<0.45	<0.45	<0.45	<0.30	<0.14	<0.014
Ethylbenzene	700	140	<0.63	<0.47	<0.47	<0.47	<0.60	<0.40	<0.40
MTBE	60	12	<0.62	<0.60	<0.60	<0.60	<0.58	<0.36	<0.36
Toluene	1,000	200	<0.64	<0.61	<0.61	<0.61	<0.58	<0.36	<0.36
Trimethylbenzene	480	96	<0.66	<0.72	<0.72	<0.72	<0.66	<0.40	<0.40
Total Xylene	10,000	1,000	<1.5	<0.99	<0.99	<0.99	<1.2	<0.74	<0.74
PAH									
Acenaphthene	-	-	<0.022	0.10	<0.022	<0.022	<0.017	<0.018	<0.021
Anthracene	3,000	600	<0.026	0.10	<0.026	<0.026	<0.019	<0.020	<0.019
Fluoranthene	400	80	<0.012	0.14	<0.012	<0.012	<0.012	<0.013	<0.017
Fluorene	400	80	<0.022	0.18	<0.022	<0.022	<0.016	<0.017	<0.023
1-Methylnaphthalene	-	-	0.076	0.56	0.032	<0.020	<0.017	<0.018	<0.021
2-Methylnaphthalene	-	-	0.21	0.99	0.15	<0.037	<0.016	<0.017	0.025
Naphthalene	40	8	0.036	0.45	0.054	<0.013	<0.023	<0.024	<0.024
Phenanthrene	-	-	<0.030	0.23	<0.030	<0.030	<0.015	<0.016	<0.022
Pyrene	250	50	<0.013	0.10	<0.013	<0.013	<0.016	<0.017	<0.017

NA = Not Analyzed
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Groundwater Analysis
Table 7

Parameter (µg/L)	NR 140 ES	NR 140 PAL	MW-9													
			9/1/98	1/5/99	7/21/99	11/22/99	1/10/00	7/24/00	10/23/00	1/9/01	4/11/01	7/24/01	10/05/01	1/9/02	4/12/02	7/8/02
PVOC																
Benzene	5	0.5	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	*0.94*	<0.21	<0.19	<0.21	<0.43	<0.43
Ethylbenzene	700	140	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.23	<0.23	<0.13	<0.22	<0.49	<0.49
MTBE	60	12	<0.92	<0.92	<0.92	<0.92	<0.9	<0.92	<0.92	<0.92	<0.091	<0.091	<0.20	<0.46	<0.49	<0.49
Toluene	1,000	200	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	<0.60	1.5	<0.22	<0.11	<0.41	<0.63	<0.63
Trimethylbenzene	480	96	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<0.23	<0.23	<0.12	<0.34	<0.72	<0.72
Total Xylene	10,000	1,000	<1.7	<1.7	1.7	<1.7	<1.7	<1.7	<1.7	<1.7	<0.44	<0.44	<0.3	<0.43	<1.5	<1.5
PAH																
Anthracene	3,000	600	<0.10	<0.10	<0.10	<0.060	<0.020	0.06	<0.020	<0.020	<0.020	<0.020	<0.020	<0.042	<0.024	<0.024
1-Methylnaphthalene	-	-	<0.94	<0.94	<0.94	<0.25	<0.082	<0.082	<0.082	<0.082	0.38	<0.082	<0.082	<0.17	<0.095	<0.095
2-Methylnaphthalene	-	-	<0.92	<0.92	<0.92	<0.22	<0.072	<0.072	<0.072	<0.072	0.23	<0.072	<0.072	<0.15	<0.096	<0.096
Naphthalene	40	8	<0.73	<0.73	<0.73	<0.17	<0.056	<0.056	0.13	0.15	0.10	<0.056	<0.56	<0.12	<0.067	<0.067
Phenanthrene	-	-	<0.11	<0.11	<0.11	<0.14	<0.045	<0.045	<0.045	<0.045	0.46	<0.045	<0.045	<0.096	<0.036	<0.036

NA = Not Analyzed
ND = No Detect

0.0 = Exceedance of NR 140 Groundwater Quality Preventative Action Limits

Bold = Exceedance of NR 140 Groundwater Quality Enforcement Standards

Groundwater Analysis
Table 7Continued

Parameter (µg/L)	NR 140 ES	NR 140 PAL	MW-9						
			1/15/03	4/9/03	7/23/03	10/8/03	1/7/04	4/13/04	1/19/05
PVOC									
Benzene	5	0.5	<0.61	<0.45	<0.45	<0.45	<0.30	<0.14	<0.14
Ethylbenzene	700	140	<0.63	<0.47	<0.47	<0.47	<0.60	<0.40	<0.40
MTBE	60	12	<0.62	<0.60	<0.60	<0.60	<0.58	<0.36	<0.36
Toluene	1,000	200	<0.64	<0.61	<0.61	<0.61	<0.58	<0.36	<0.36
Trimethylbenzene	480	96	<0.66	<0.72	<0.72	<0.72	<0.66	<0.40	<0.40
Total Xylene	10,000	1,000	<1.5	<0.99	<0.99	<0.99	<1.2	<0.40	<0..36
PAH									
Anthracene	3,000	600	<0.019	<0.026	<0.026	<0.022	<0.019	<0.19	<0.020
1-Methylnaphthalene	-	-	<0.020	<0.020	0.034	<0.020	<0.017	00.51	0.021
2-Methylnaphthalene	-	-	<0.037	<0.037	0.15	0.077	<0.016	0.054	0.029
Benzo(a)anthracene	-	-	ND	ND	ND	ND	0.017	<0.021	<0.012
Benzo(a)pyrene	0.2	0.02	ND	ND	ND	ND	0.018	<0.019	<0.014
Benzo(b)fluoranthene	0.2	0.02	ND	ND	ND	ND	*0.020*	<0.019	<0.013
Chrysene	0.2	0.02	ND	ND	ND	ND	*0.020*	<0.017	<0.014
Fluoranthene	400	80	ND	ND	ND	ND	0.043	<0.017	<0.013
Naphthalene	40	8	<0.013	<0.013	<0.013	0.020	<0.023	0.088	0.031
Phenanthrene	-	-	0.055	<0.030	<0.030	<0.030	0.017	<0.022	<0.016
Pyrene	250	50	ND	ND	ND	ND	0.035	<0.017	<0.017

NA = Not Analyzed
ND = No Detect

Italic = Exceedance of NR 140 Groundwater Quality Preventative Action Limits

Bold = Exceedance of NR 140 Groundwater Quality Enforcement Standards

Table 1

Field Screening Analysis (ppm)

Boring	Depth				
	2'- 4'	4'- 6'	6'- 8'	8'- 10'	10'- 12'
B-1	<1	4	3	<1	<1
B-2	5	34	18	<1	<1
B-3	3	24	20	20	15
B-4	15	20	8	<1	NA
B-5	9	100	110	3	6

NA = not analyzed

Table 2

Soil Analysis
Date Sampled: 1/14/93

Sample I.D.	Depth	DRO (mg/kg)
B-1	4'- 6'	<4.7
B-2	4'- 6'	<4.7
B-3	4'- 6'	<4.7
B-4	4'- 6'	<4.7
B-5	6'- 8'	<4.7
Duplicate (B-5)	6'- 8'	<4.7

Table 3

Soil Analysis
5/27/93

Parameter	NR 720 Std	WPS-1 3'	WPS-2 4.5'	WPS-3 4'	WPS-4 4'	WPS-5 4'	WPS-6 4'	WPS-7 4'	WPS-8 4'	WPS-9 2.5'	WPS-10 2.5'	WPS-11 2.5'
DRO	100	15	<5.1	130	24	120	210	<4.7	44	<4.5	<4.5	<4.5

= NR 720 soil exceedance

Groundwater Elevations

Well ID	PVC Elevation	Bottom Depth	Screen Length	10/8/03		1/7/04		4/13/04		1/19/05	
				Water Depth	Water Elevation	Water Depth	Water Elevation	Water Depth	Water Elevation	Water Depth	Water Elevation
MW-3	619.43	17.60	10'	5.69	613.74	5.95	613.48	3.39	616.04	7.03	612.40
MW-5	615.89	19.25	10'	6.70	609.19	7.15	608.74	5.73	610.16	8.23	607.66
MW-8	615.19	12.58	10'	1.92	613.27	1.92	613.27	0.95	614.24	2.75	612.44
MW-9	615.96	12.55	10'	2.98	612.98	1.80	614.16	1.79	614.17	3.77	612.19

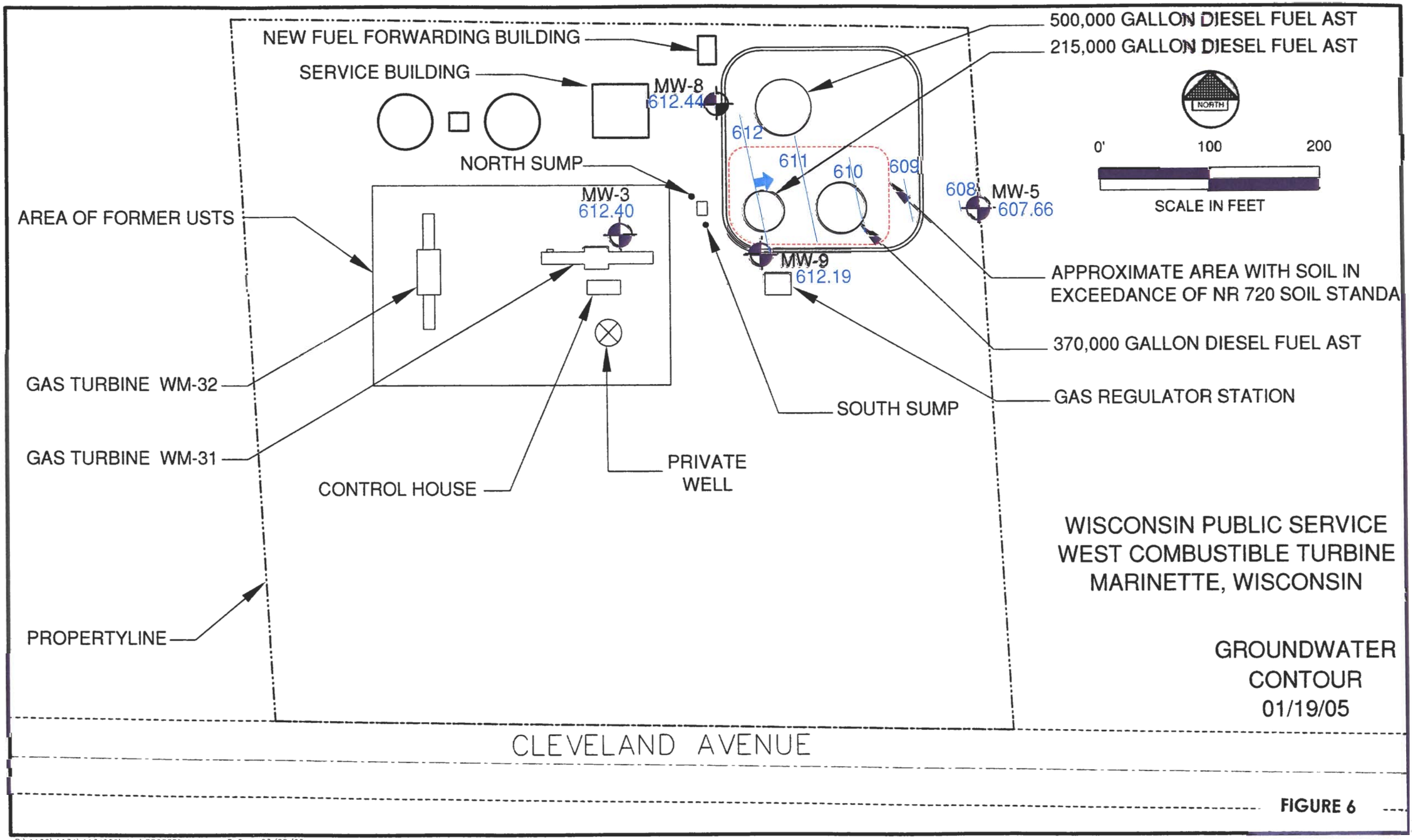

FIGURE 6

R:\1100\1134\1134020\dwg\PROPERTY1.dwg - BLG - 03/08/05

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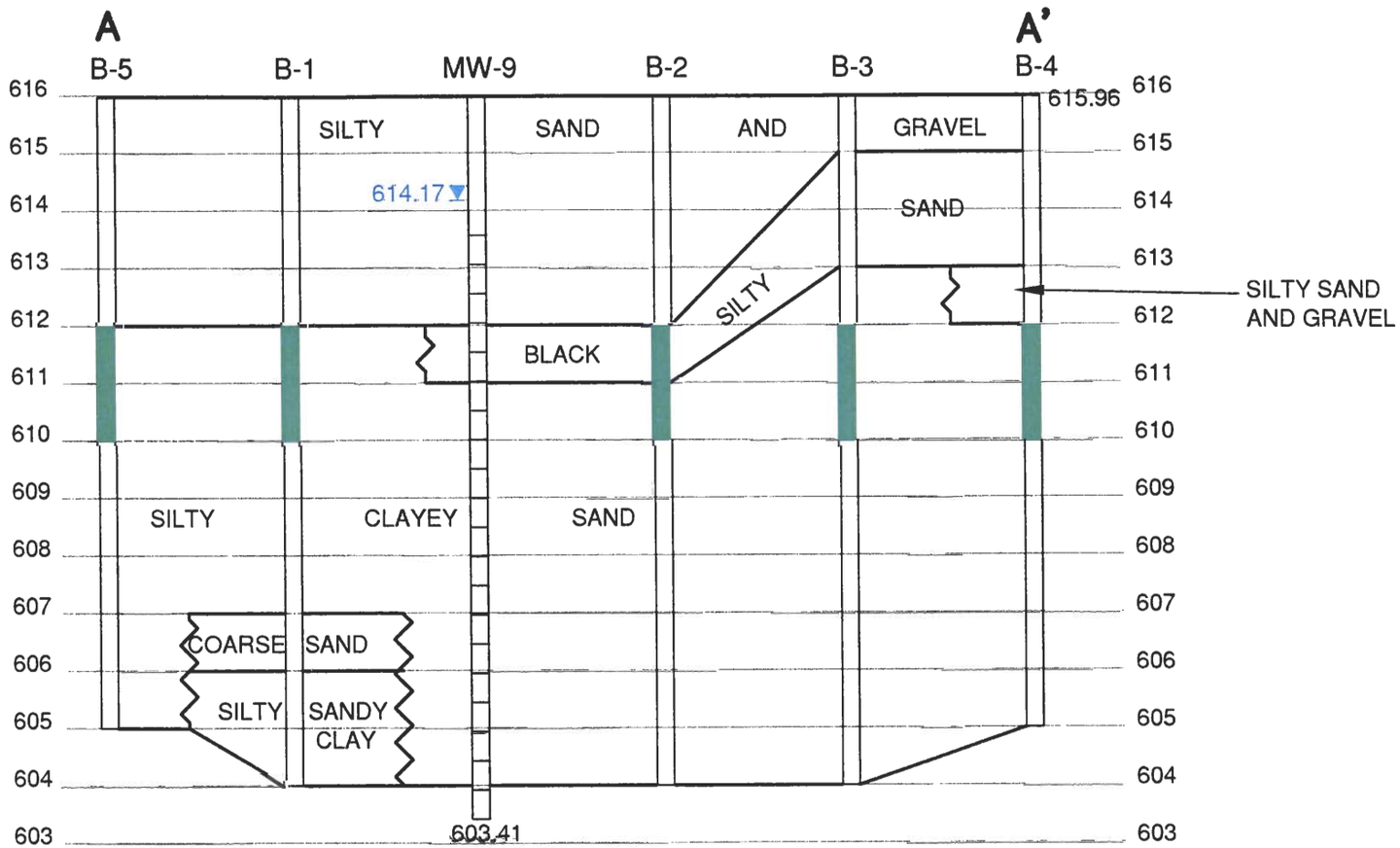

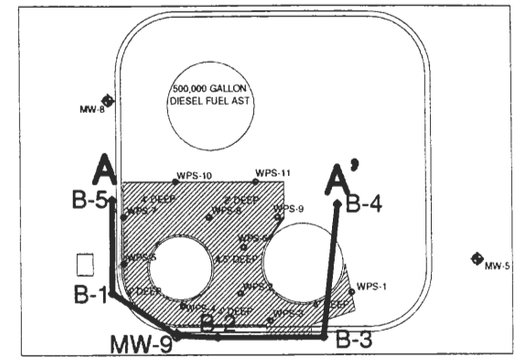

SCALE

VERTICAL 1" = 3'

HORIZONTAL 1" = X'

LEGEND

BELOW NR720 SOIL STANDARDS

NR720 SOIL STANDARD EXCEEDANCE

GROUNDWATER LEVEL

WISCONSIN PUBLIC SERVICE
WEST COMBUSTIBLE TURBINE
MARINETTE, WISCONSIN

GEOLOGIC CROSS SECTION
04/13/04

FIGURE 3

R:\1100\1134\1134020\dwg\PROPERTY1.dwg - BLG - 03/08/05

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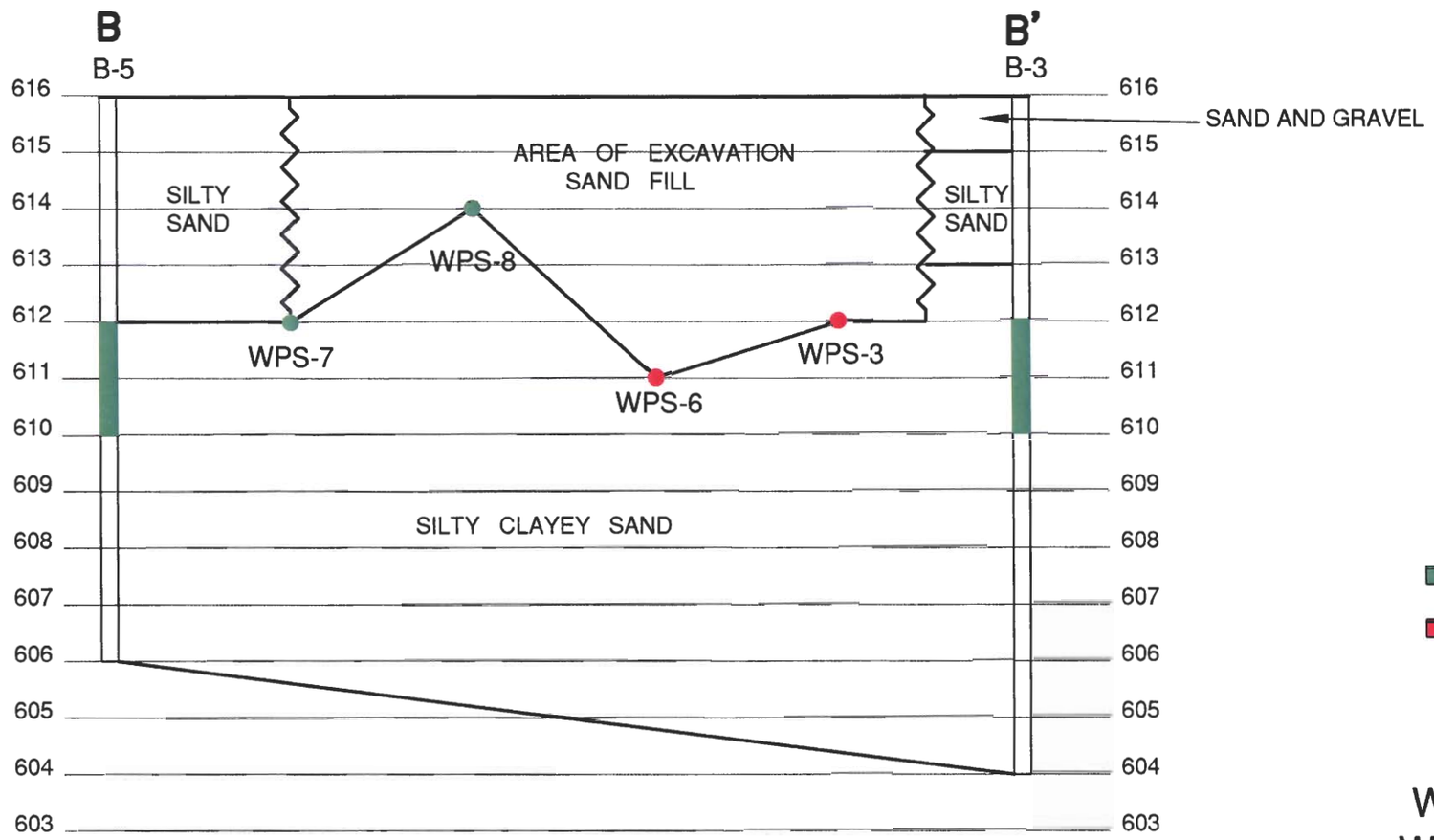

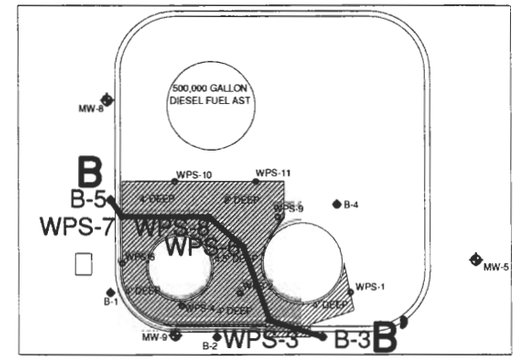

SCALE

VERTICAL 1" = 3'

HORIZONTAL 1" = X'

LEGEND

BELOW NR720 SOIL STANDARDS

NR720 SOIL STANDARD EXCEEDANCE

GROUNDWATER LEVEL

WISCONSIN PUBLIC SERVICE
WEST COMBUSTIBLE TURBINE
MARINETTE, WISCONSIN

GEOLOGIC CROSS SECTION
04/13/04

FIGURE 5

R:\1100\1134\1134020\dwg\PROPERTY1.dwg - BLG - 03/08/05

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March 14, 2005

To whom it may concern:

I, the undersigned, on behalf of Wisconsin Public Service Corporation, confirm with this letter that the attached legal description is complete and accurate, and refers to the Wisconsin Public Service Corporation property that is referred to by WDNR BRRTS #02-38-000397.

Robert E. Lee & Assoc, Inc.

Karl A. Schuldes
Environmental Scientist II