State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Annex
4041 North Richards Street
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-229-0800
FAX 414-229-0810

June 30, 2000

Dewland Associates, Inc.
Attn: James Barron
320 West 4th Avenue
Elkhorn, WI 53121

Dear Mr. Barron:

Subject: Case closure, Dewland Associates, Inc., 3594 Highway 50, Delavan, file reference FID #265124310, BRRTS #0365001711

I have reviewed your case file based on documents submitted by your consultant, Environmental Compliance Consultants, Inc. Based on this information I agree that no further work is needed. The department reserves the right to reopen this case pursuant to s. NR726.09, Wisconsin Administrative Code (WAC), should additional information regarding site conditions indicate contamination on or from the site poses a threat to public health, safety or welfare or the environment.

To complete the closure of this site, you must place a groundwater use restriction on the property deed at the county register of deeds office which specifies the legal description of the property, the location, type, and concentration of the contaminants and includes the following language:

> Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property. Construction of wells where water quality exceeds the drinking water standards in ch. NR809 is restricted by chs. NR811 and NR812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. 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 to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property.

Within 60 days all of the groundwater monitoring wells at the site must be abandoned in accordance with WAC NR 141 and the completed abandonment forms must be submitted to the department. Once the department receives the abandonment forms and a copy of the filed groundwater use restriction, this case will be tracked as closed on our computer tracking system

If you have any questions about this letter, please call me at 414-229-0850.

Sincerely,

John Feeney
Wisconsin Department of Natural Resources

FID # 265124310 BRRTS # 03650017 11

ENVIRONMENTAL COMPLIANCE CONSULTANTS, INC.

2439 SOUTH HICKORY LANE • APPLETON, WI 54915 • 920-954-1423 (VOICE) • 920-954-1429 (FAX)

RECEIVED
SEP 15 2000
By

September 5, 2000

Mr. John Feeney
WDNR - Southeast Region Annex
Bureau for Remediation and Redevelopment
4041 North Richards Street
P.O. Box 12436
Milwaukee, WI 53212-0436

RE: Groundwater use restriction for the Dewland Associates, Inc. leaking underground storage tank site, 3594 Highway 50, Delavan, Wisconsin; BRRTS #03-65-0001711.

Dear Mr. Feeney:

Enclosed please find a copy of the groundwater use restriction which was recorded in the office of the Register of Deeds of Walworth County on August 22, 2000. The monitoring well abandonment forms were previously submitted to your office on August 14, 2000. As all of the requirement of "conditional closure" have been satisfied, we request that this site be formally tracked as closed on the computer tracking system.

If you have any questions, please feel free to give me a call at (920) 954-1423 or e-mail me at fdewald@eccinow.com.

Sincerely,

Environmental Compliance Consultants, Inc.

Faye De Broux Ewald

Faye De Broux Ewald
Senior Hydrogeologist

Enclosure
cc: Dewland Associates, Inc. 320 West 4th Avenue, Elkhorn, WI 53121.

Document Number

GROUNDWATER USE RESTRICTION

0450037

VOL. 673 PAGE 1555

RECORDED ON

2000 AUG 22 AM 11 31

CONNIE J. WOOLEVER
REGISTER OF DEEDS
WALWORTH COUNTY, WI

Recording Area

Name and Return Address

BRENNAN STEIL BASTING MACDOUGALL
512 E. WALWORTH AVE
DELAVAN WI 53115 12.00

Legal Description of te Property In re:

That certain piece or parcel of land lying and being in the SE 1/4 of Section 22, T2N, R16E, being in the Town of Delavan, Walworth County, Wisconsin, described as follows, to-wit: Beginning at the NE corner of the said quarter section; thence South being along the East line of said quarter section 8 rods, being 132 feet to a fence post at the SW corner of the lot owned and occupied by Everet Longmore; thence West being parallel with the North line of the said quarter section 132.5 feet to an iron stake on the Northeasterly line of the Delavan and Lake Geneva Road and witnessed by a spike in a white oak tree Southeasterly 17 feet 5 inches and spike in hickory tree Northwesterly 9 feet 4 inches and continuing West on the same line 31 feet more to the center of the cement in the said highway; thence Northwesterly being along the center of said cement to the North line of the said quarter section; thence East being along the said North line 231 feet to the place of beginning.

EXCEPTING land conveyed (sic) for highway purposes by deed recorded in Vol. 382 of Records on page 805 as Document No. 136997.

FD 2200010
(Parcel Identification Number)

STATE OF WISCONSIN)
)SS
WALWORTH COUNTY)

Section 1. Dewland Associates is the owner of the above-described property.

Section 2. One or more petroleum discharges have occurred at this property and contaminated groundwater above the NR140 Enforcement Standards of the Wisconsin Administrative Code exists on this property in the area in front of the building on the west portion of said property.

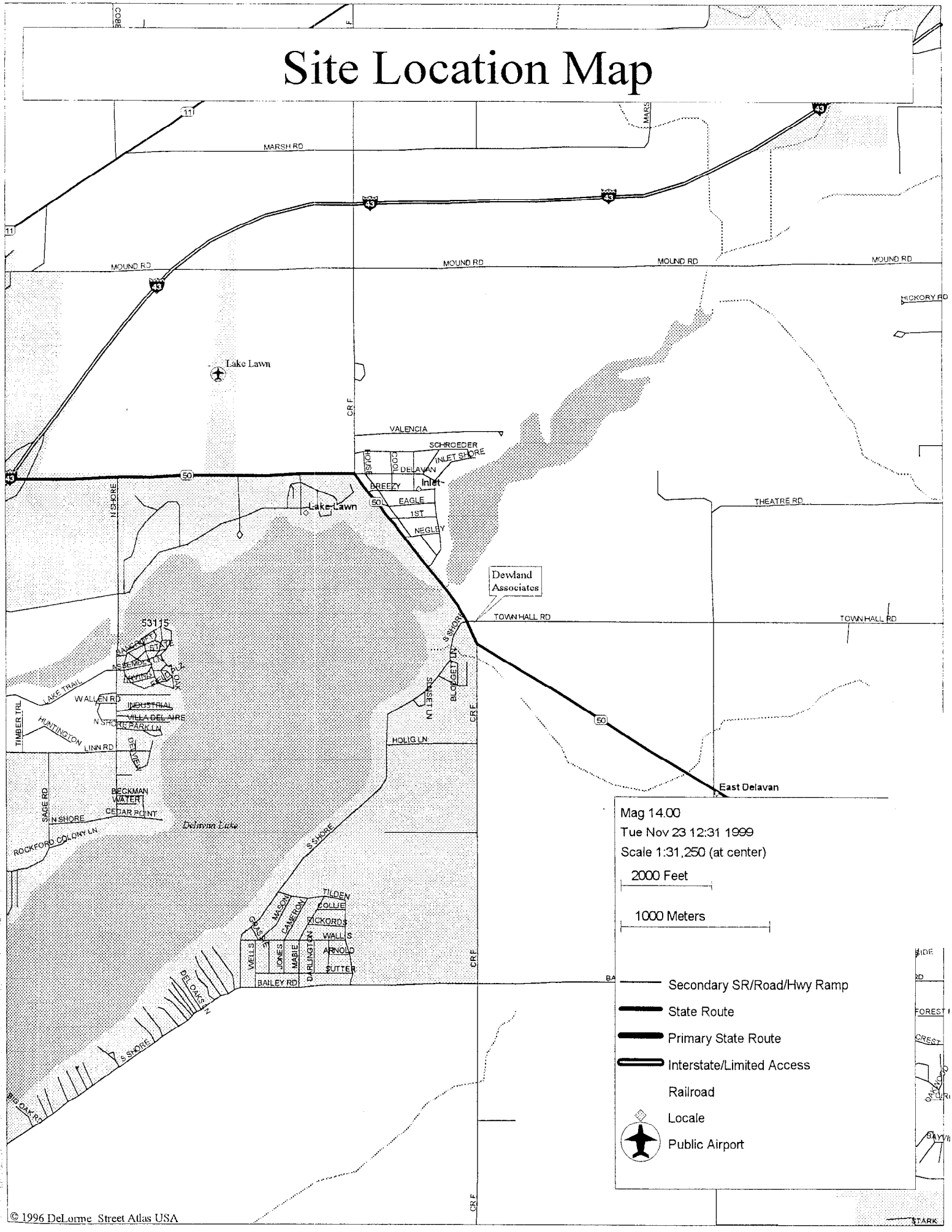
Section 3. The owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitations and/or restrictions:

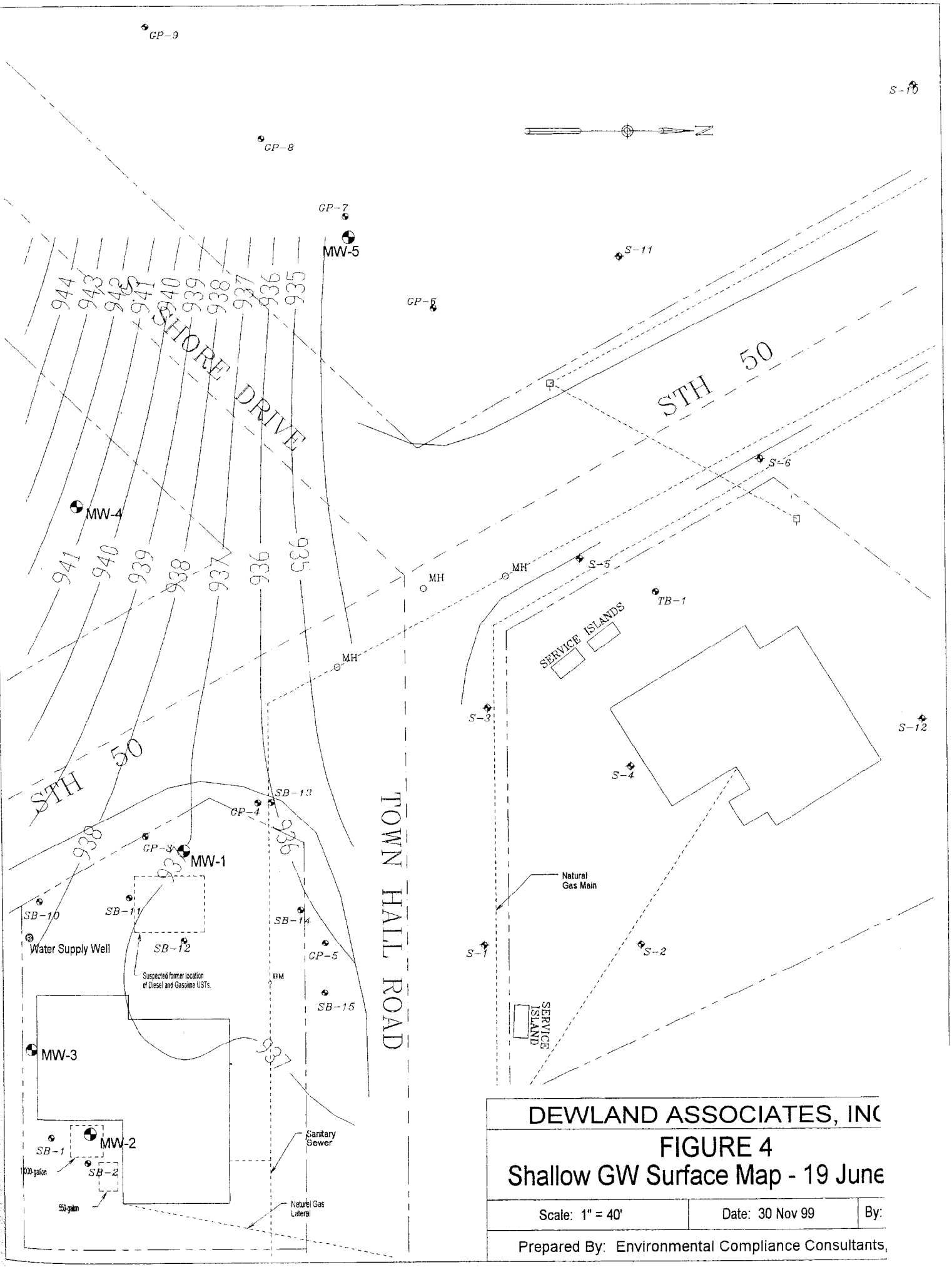
Natural and attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding Chapter NR 140 Groundwater Standards within the boundaries of this property. Construction of wells where water quality exceeds the drinking water standards in Chapter NR 809 is restricted by Chapters NR 811 and NR 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

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 to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property.

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 the restrictions set forth in this covenant are no longer required. That property owner shall provide any and all necessary information to the Department in order for the Department to be able to make a determination. Upon receipt of such a request, the Department shall determine whether or not the restrictions contained herein can be extinguished. Conditions under which a restriction may be extinguished will be determined in accordance with the site specific standards, rules and laws for this property. If the Department determines that the restrictions can be extinguished, an affidavit, with a copy of the Department's written determination, may be recorded to give notice that this restriction, or portions of this restriction are no longer binding. Any restriction placed upon this property shall not be extinguished without the Department's written determination.

Site Location Map





DEWLAND ASSOCIATES, INC

FIGURE 4
Shallow GW Surface Map - 19 June

Scale: 1" = 40'	Date: 30 Nov 99	By:

Prepared By: Environmental Compliance Consultants,

Table 3
Groundwater Field and Analytical Results - Monitoring Well MW-1
Dewland Associates
Town of Delavan, Wisconsin

Parameters	ES	PAL	24-Sep-93	16-Dec-94	20-Jun-96	06-Dec-96	06-Mar-98	04-Jun-98	26-Sep-98	12-Dec-98	20-Mar-99	19-Jun-99	04-Nov-99
GROUNDWATER ELEVATIO													
Top of Casing			947.55	947.55	947.55	947.55	947.55	947.55	947.55	947.55	947.55	947.55	947.55
Top of Screen			939.95	939.95	939.95	939.95	939.95	939.95	939.95	939.95	939.95	939.95	939.95
Depth to Groundwater (ft)			NM	NM	6.85	NM	11.44	NM	11.68	NM	10.58	10.56	11.61
Groundwater Elevation (ft)			NM	NM	940.7	NM	936.11	NM	935.87	NM	936.97	936.99	935.94
DIRECT FUEL PARAMETER													
GRO (ppb)	NE	NE	NA	19,000	22,000	NA	NA	NA	NA	NA	NA	NA	NA
DRO (ppb)	NE	NE	3,800	2,900	NA	NA	NA	NA	NA	NA	NA	NA	NA
FUEL RELATED VOC's (ppb)													
Benzene	5	0.5	**1,700**	**330**	**690**	**320**	**610**	**670**	**190**	**200**	**990**	**930**	**260**
n-Butylbenzene	NE	NE	280	<50	<25	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	3	<50	<25	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	15	1	<50	**<25**	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	3	<50	**<25**	NA	NA	NA	<9.2	NA	NA	NA	NA
Ethylbenzene	700	140	**5,600**	**3,600**	**2,100**	**4,100**	**3,800**	**4,200**	**4,000**	**4,300**	**6,300**	**4,600**	**3,900**
Isopropylbenzene	NE	NE	44	130	84	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NE	NE	8	<50	<25	NA	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-Butyl-Ether	60	12	NA	<50	**<25**	**31**	**32**	**< 16**	<8.0	<6.4	**<22**	**<32**	**<16**
Naphthtalene	40	8	**120**	**200**	**230**	NA	NA	NA	**260**	**260**	**390**	**370**	**270**
n-Propylbenzene	NE	NE	140	340	120	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	**2**	<50	**<25**	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	343	68.6	**3,700**	**390**	**460**	**140**	**110**	**180**	**86**	**77**	**260**	**340**	**48**
Trichloroethene	5	0.5	<0.5	<50	**<25**	NA	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NE	NE	1	<50	<25	NA	NA	NA	NA	NA	NA	NA	NA
Total Trimethylbenzene	480	96	**1,300**	**2,130**	**1,490**	**2,740**	**3,000**	**3,070**	**2,190**	**2,840**	**4,490**	**4,770**	**2,550**
Total Xylene	620	124	**12,000**	**5,340**	**8,400**	**7,700**	**10,000**	**11,100**	**6,520**	**7,540**	**15,400**	**15,900**	**5,560**
Total VOCs			**24,902**	**12,460**	**14,594**	**15,031**	**17,662**	**19,120**	**12,986**	**15,217**	**26,820**	**26,910**	**12,588**
FUEL RELATED PAH's (ppb)													
Fluorene	400	80	<0.11	2.59	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	<1.2	37	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	30	28	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	**160**	**96**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	NE	0.2	<2	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (ppb)													
Lead	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIOLOGICAL PARAMETERS													
Nitrate	10	2	NA	NA	NA	NA	0.053	< 0.026	0.044	NA	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	12	23	16	NA	NA	NA	NA
Iron (ferrous/ferric)	NE	NE	NA	NA	NA	NA	3.0/7.0	NA	NA	NA	NA	NA	NA
Alkalinity	NE	NE	NA	NA	NA	NA	450	590	540	NA	NA	NA	NA
FIELD PARAMETERS													
pH	NE	NE	NM	NM	NM	NM	7.34	NM	NM	NA	8.83	NM	NM
Specific Conductivity	NE	NE	NM	NM	NM	NM	1337	NM	NM	NA	783	NM	NM
Dissolved Oxygen	NE	NE	NM	NM	NM	NM	0.53	NM	0.17	NA	0.35	NM	0.32

ES = Enforcement Standard (NR-140) PAL = Preventive Action Limit (NR-140)

NA = Not Analyzed; NE = Not Established; NM = Not Measured; NI = Not Installed; ppm = parts per million; ppb = parts per billion

Bolded and Shaded = exceedance of NR-140 ES **Bolded** = exceedance of NR-140 PAL

Italics = concentration above the limit of detection (LOD) but below the limit of quatitiation (LOQ)

Table 3
Groundwater Field and Analytical Results - Monitoring Well MW-2
Dewland Associates
Town of Delavan, Wisconsin

Parameters	ES	PAL	24-Sep-93	16-Dec-94	06-Jun-96	06-Dec-96	06-Mar-98	04-Jun-98	26-Sep-98	12-Dec-98	20-Mar-99	19-Jun-99
GROUNDWATER ELEVATIO												
Top of Casing			949.79	949.79	949.79	949.79	949.79	949.79	949.79	949.79	949.79	949.79
Top of Screen			965.69	965.69	965.69	965.69	965.69	965.69	965.69	965.69	965.69	965.69
Depth to Groundwater (ft)			NM	NM	11.47	NM	12.8	NM	12.85	NM	12.23	12.13
Groundwater Elevation (ft)			NM	NM	938.32	NM	936.99	NM	936.94	NM	937.56	937.66
DIRECT FUEL PARAMETERS												
GRO (ppb)	NE	NE	NA	NA	<50	NA	NA	NA	NA	NA	NA	NA
DRO (ppb)	NE	NE	<50	NA	NA	NA	NA	NA	NA	NA	NA	NA
FUEL RELATED VOC's (ppb)												
Benzene	5	0.5	<0.5	NA	<0.6	<0.6	<0.26	< 0.27	<0.26	NA	NA	<0.26
n-Butylbenzene	NE	NE	1.4	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	<0.8	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	15	<0.5	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	<0.5	NA	<1.0	NA	NA	< 0.37	NA	NA	NA	NA
Ethylbenzene	700	140	<0.5	NA	<1.0	<1.0	*0.3*	< 0.32	<0.24	NA	NA	<0.24
Isopropylbenzene	NE	NE	<0.5	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NE	NE	<0.5	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-Butyl-Ether	60	12	NA	NA	<1.0	<1.0	<0.22	< 0.32	<0.22	NA	NA	<0.22
Naphthtalene	40	8	<0.7	NA	<1.0	NA	NA	< 0.35	NA	NA	NA	NA
n-Propylbenzene	NE	NE	<0.6	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	**24**	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
Toluene	343	68.6	<0.5	NA	<1.0	<1.0	<0.21	< 0.27	<0.21	NA	NA	7.6
Trichloroethene	5	0.5	**1.8**	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NE	NE	<0.5	NA	<1.0	NA	NA	NA	NA	NA	NA	NA
Total Trimethylbenzene	480	96	<1.0	NA	<2.0	<2.0	<1.4	<0.49	<1.4	NA	NA	<1.4
Total Xylene	620	124	<1.0	NA	<1.0	<1.0	<1.34	< 0.67	<1.34	NA	NA	<1.34
Total VOCs			27.2	NA	0	0	0.3	0	0	NA	NA	7.6
FUEL RELATED PAH's (ppb)												
Fluorene	400	80	0.22	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	<1.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	<1.1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	NE	0.26	NA	NA	NA	NA	NA	NA	NA	NA	NA
METALS (ppb)												
Lead	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIOLOGICAL PARAMETERS												
Nitrate	10	2	NA	NA	NA	NA	8.5	9	11	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	39	49	68	NA	NA	NA
Iron (ferrous/ferric)	NE	NE	NA	NA	NA	NA	0.0/8.0	NA	NA	NA	NA	NA
Alkalinity	NE	NE	NA	NA	NA	NA	370	390	370	NA	NA	NA
FIELD PARAMETERS												
pH	NE	NE	NM	NM	NM	NM	7.45	NM	NM	NM	NM	NM
Specific Conductivity	NE	NE	NM	NM	NM	NM	926	NM	NM	NM	NM	NM
Dissolved Oxygen	NE	NE	NM	NM	NM	NM	3.1	NM	3.51	NM	3.05	NM

ES = Enforcement Standard (NR-140) PAL = Preventive Action Limit (NR-140)

NA = Not Analyzed; NE = Not Established; NM = Not Measured; NI = Not Installed; ppm = parts per million; ppb = parts per billion

Bolded and Shaded = exceedance of NR-140 ES **Bolded** = exceedance of NR-140 PAL

Italics = concentration above the limit of detection (LOD) but below the limit of quatitiation (LOQ)

Table 3
Groundwater Field and Analytical Results - Monitoring Well MW-3
Dewland Associates
Town of Delavan, Wisconsin

Parameters	ES	PAL	24-Sep-93	16-Dec-94	05-Jun-96	06-Dec-96	06-Mar-98	04-Jun-98	26-Sep-98	12-Dec-98	20-Mar-99	19-Jun-99
GROUNDWATER ELEVATION												
Top of Casing			947.79	947.79	947.79	947.79	947.79	947.79	947.79	947.79	947.79	947.79
Top of Screen			939.79	939.79	939.79	939.79	939.79	939.79	939.79	939.79	939.79	939.79
Depth to Groundwater (ft)			NM	NM	9.6	NM	2.42	NM	18.22	NM	10.43	10.44
Groundwater Elevation (ft)			NM	NM	938.18	NM	945.37	NM	929.57	NM	937.36	937.35
DIRECT FUEL PARAMETERS												
GRO (ppb)	NE	NE	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA
DRO (ppb)	NE	NE	NA	<100	NA	NA	NA	NA	NA	NA	NA	NA
FUEL RELATED VOC's (ppb)												
Benzene	5	0.5	NA	<1.0	<0.6	<0.6	<0.26	< 0.27	<0.26	NA	NA	<0.26
n-Butylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	15	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	140	NA	1.8	<1.0	<1.0	<0.24	< 0.32	<0.24	NA	NA	<0.24
Isopropylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-Butyl-Ether	60	12	NA	<1.0	<1.0	<1.0	<0.22	< 0.32	<0.22	NA	NA	<0.22
Naphthtalene	40	8	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Toluene	343	68.6	NA	<1.0	<1.0	<1.0	*0.3*	*0.28*	<0.21	NA	NA	7.5
Trichloroethene	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Total Trimethylbenzene	480	96	NA	1	<2.0	<2.0	<1.4	<0.49	<1.4	NA	NA	<1.4
Total Xylene	620	124	NA	5.5	<1.0	<1.0	<1.34	< 0.67	<1.34	NA	NA	<1.34
Total VOCs			NA	8.3	0	0	0.3	0.28	0	NA	NA	7.5
FUEL RELATED PAH's (ppb)												
Fluorene	400	80	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	NE	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA
METALS (ppb)												
Lead	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIOLOGICAL PARAMETERS												
Nitrate	10	2	NA	NA	NA	NA	NA	9.2	11	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	NA	53	86	NA	NA	NA
Iron (ferrous/ferric)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity	NE	NE	NA	NA	NA	NA	NA	470	410	NA	NA	NA
FIELD PARAMETERS												
pH	NE	NE	NM	NM	NM	NM	7.36	NM	NM	NM	NM	NM
Specific Conductivity	NE	NE	NM	NM	NM	NM	966	NM	NM	NM	NM	NM
Dissolved Oxygen	NE	NE	NM	NM	NM	NM	2.42	NM	1.67	NM	2.79	NM

ES = Enforcement Standard (NR-140) PAL = Preventive Action Limit (NR-140)

NA = Not Analyzed; NE = Not Established; NM = Not Measured; NI = Not Installed; ppm = parts per million; ppb = parts per billion

Bolded and Shaded = exceedance of NR-140 ES **Bolded** = exceedance of NR-140 PAL

Italics = concentration above the limit of detection (LOD) but below the limit of quatitiation (LOQ)

Table 3
Groundwater Field and Analytical Results - Monitoring Well MW-4
Dewland Associates
Town of Delavan, Wisconsin

Parameters	ES	PAL	24-Sep-93	16-Dec-94	06-Jun-96	06-Dec-96	06-Mar-98	04-Jun-98	26-Sep-98	12-Dec-98	20-Mar-99	19-Jun-99
GROUNDWATER ELEVATIO												
Top of Casing			942.48	942.48	942.48	942.48	942.48	942.48	942.48	942.48	947.55	947.55
Top of Screen			938.48	938.48	938.48	938.48	938.48	938.48	938.48	938.48	939.95	939.95
Depth to Groundwater (ft)			NM	NM	4.5	NM	8.15	NM	7.76	NM	6.44	6.24
Groundwater Elevation (ft)			NM	NM	937.98	NM	934.33	NM	934.72	NM	941.11	941.31
DIRECT FUEL PARAMETERS												
GRO (ppb)	NE	NE	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA
DRO (ppb)	NE	NE	NA	<100	NA	NA	NA	NA	NA	NA	NA	NA
FUEL RELATED VOC's (ppb)												
Benzene	5	0.5	NA	<1.0	<0.6	<0.6	<0.26	< 0.27	<0.26	NA	NA	<0.26
n-Butylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	15	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	140	NA	1.7	<1.0	<1.0	<0.24	< 0.32	<0.24	NA	NA	<0.24
Isopropylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-Butyl-Ether	60	12	NA	<1.0	<1.0	<1.0	<0.22	< 0.32	<0.22	NA	NA	<0.22
Naphthtalene	40	8	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Toluene	343	68.6	NA	<1.0	<1.0	<1.0	*0.3*	< 0.27	<0.21	NA	NA	9.3
Trichloroethene	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Total Trimethylbenzene	480	96	NA	<2.0	<2.0	<2.0	<1.4	<0.49	<1.4	NA	NA	<1.4
Total Xylene	620	124	NA	4	<1.0	<1.0	<1.34	< 0.67	<1.34	NA	NA	<1.34
Total VOCs			NA	5.7	0	0	0.3	0	0	NA	NA	9.3
FUEL RELATED PAH's (ppb)												
Fluorene	400	80	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	NE	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA
METALS (ppb)												
Lead	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIOLOGICAL PARAMETERS												
Nitrate	10	2	NA	NA	NA	NA	2.1	1.3	1.4	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	17	36	42	NA	NA	NA
Iron (ferrous/ferric)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity	NE	NE	NA	NA	NA	NA	91	190	290	NA	NA	NA
FIELD PARAMETERS												
pH	NE	NE	NM	NM	NM	NM	7.46	NM	NM	NM	NM	NM
Specific Conductivity	NE	NE	NM	NM	NM	NM	9730	NM	NM	NM	NM	NM
Dissolved Oxygen	NE	NE	NM	NM	NM	NM	8.15	NM	3.48	NM	7.25	NM

ES = Enforcement Standard (NR-140) PAL = Preventive Action Limit (NR-140)

NA = Not Analyzed; NE = Not Established; NM = Not Measured; NI = Not Installed; ppm = parts per million; ppb = parts per billion

Bolded and Shaded = exceedance of NR-140 ES **Bolded** = exceedance of NR-140 PAL

Italics = concentration above the limit of detection (LOD) but below the limit of quatitiation (LOQ)

Table 3
Groundwater Field and Analytical Results - Monitoring Well MW-5
Dewland Associates
Town of Delavan, Wisconsin

Parameters	ES	PAL	24-Sep-93	16-Dec-94	06-Jun-96	06-Dec-96	06-Mar-98	04-Jun-98	26-Sep-98	12-Dec-98	20-Mar-99	19-Jun-99
GROUNDWATER ELEVATION												
Top of Casing			940.7	940.7	940.7	940.7	940.7	940.7	940.7	940.7	940.7	940.7
Top of Screen			935.2	935.2	935.2	935.2	935.2	935.2	935.2	935.2	935.2	935.2
Depth to Groundwater (ft)			NM	NM	7.56	NM	2.72	NM	15.34	NM	8.01	7.56
Groundwater Elevation (ft)			NM	NM	933.14	NM	937.98	NM	925.36	NM	932.69	933.14
DIRECT FUEL PARAMETERS												
GRO (ppb)	NE	NE	NA	<50	<50	NA	NA	NA	NA	NA	NA	NA
DRO (ppb)	NE	NE	NA	<100	NA	NA	NA	NA	NA	NA	NA	NA
FUEL RELATED VOC's (ppb)												
Benzene	5	0.5	NA	<1.0	<0.6	<0.6	<0.26	< 0.27	<0.26	NA	NA	<0.26
n-Butylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600	15	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	700	140	NA	1.7	<1.0	<1.0	<0.24	< 0.32	<0.24	NA	NA	<0.24
Isopropylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
p-Isopropylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Methyl-tert-Butyl-Ether	60	12	NA	<1.0	<1.0	<1.0	<0.22	< 0.32	<0.22	NA	NA	*0.52*
Naphthtalene	40	8	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Toluene	343	68.6	NA	<1.0	<1.0	<1.0	*0.22*	< 0.27	<0.21	NA	NA	14
Trichloroethene	5	0.5	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
1,2,3-Trichloropropane	NE	NE	NA	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA
Total Xylene	620	124	NA	4.1	<1.0	<1.0	<1.34	< 0.67	<1.34	NA	NA	<1.34
Total VOCs			NA	5.8	0	0	0.22	0	0	NA	NA	14.52
FUEL RELATED PAH's (ppb)												
Fluorene	400	80	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	NE	NE	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	NE	NE	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	40	8	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	NE	NE	NA	<0.1	NA	NA	NA	NA	NA	NA	NA	NA
METALS (ppb)												
Lead	15	1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BIOLOGICAL PARAMETERS												
Nitrate	10	2	NA	NA	NA	NA	5.8	4	7	NA	NA	NA
Sulfate	NE	NE	NA	NA	NA	NA	34	49	60	NA	NA	NA
Iron (ferrous/ferric)	NE	NE	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Alkalinity	NE	NE	NA	NA	NA	NA	300	320	360	NA	NA	NA
FIELD PARAMETERS												
pH	NE	NE	NM	NM	NM	NM	7.77	NM	NM	NM	NM	NM
Specific Conductivity	NE	NE	NM	NM	NM	NM	1310	NM	NM	NM	NM	NM
Dissolved Oxygen	NE	NE	NM	NM	NM	NM	2.72	NM	2.8	NM	4.35	NM

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NA = Not Analyzed; NE = Not Established; NM = Not Measured; NI = Not Installed; ppm = parts per million; ppb = parts per billion

Bolded and Shaded = exceedance of NR-140 ES **Bolded** = exceedance of NR-140 PAL

Italics = concentration above the limit of detection (LOD) but below the limit of quatitiation (LOQ)

Table 4
Potable Well Analytical Results
Dewland Associates
Town of Delavan, Wisconsin

Parameters	ES	PAL	19-Jun-99	04-Nov-99
FUEL RELATED VOC's (ppb)				
Benzene	5	0.5	<0.23	<0.27
Ethylbenzene	700	140	<0.23	<0.32
Methyl-tert-Butyl-Ether	60	12	<0.21	<0.32
Methylene chloride	5	0.5	*0.24*	NA
Naphthtalene	40	8	<0.38	<0.35
Toluene	343	68.6	7	<0.27
Total Trimethylbenzene	480	96	<0.5	<0.49
Total Xylene	620	124	<0.67	<0.67
Total VOCs			7.24	0

ES = Enforcement Standard (NR-140) PAL = Preventive Action Limit (NR-140)
NE = Not Established; NM = Not Measured; NI = Not Installed; NA=Not Analyzed
Bolded and Shaded = exceedance of NR-140 ES
Bolded = exceedance of NR-140 PAL
Italics = concentration above the LOD but below the LOQ

Environmental Compliance Consultants, Inc.
13-Jul-99