To: Larry Lester, SCR

From: Linda Hanefeld
Dodgeville
608-935-1948

Re: Groundwater Use Restriction
GIS Registry Data

Site Name/Address:

Schneider Property
Hwy 35 (9053 Hwy 61)
Lancaster, WI

BRRTS #:
03-22-001383

Date of Closure Decision:
8.17.00

Packet Contains:

1. Closure Letter
2. All property deeds with 140 ES exceedances
3. GPS data for each affected property
4. General location map
5. Detailed location map, showing all parcels affected by 140 ES exceedances, property boundaries, buildings, etc.
6. Latest map showing gw flow direction, MW, potable wells. *[optional: Isoconcentration maps of compounds =/>ES]*
7. Latest map showing ~~extent or outline of contamination plume and~~ gw flow direction
8. Latest table of analytical results
9. Metes/bounds legal description (certified survey)
10. Tax parcel number
11. Geologic cross section

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ruthe E. Badger, Regional Director

South Central Region Headquarters
3911 Fish Hatchery Road
Fitchburg, Wisconsin 53711-5397
Telephone 608-275-3266
FAX 608-275-3338
TDD 608-275-3231

February 28, 2001

Ms. Myrtle Schneider
341 Monroe St.
Lancaster, WI 53813

File Ref: 03-22-001383

Subject: Closure of the Schneider Property, State Highway 35, Lancaster

Dear Ms. Schneider:

On August 17, 2000, your site was reviewed for closure by the South Central Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On August 28, 2000, you were notified that the Closure Committee had granted conditional closure to this case.

The Department received correspondence indicating that you have complied with the conditions of closure on the following dates:

February 14, 2001 – our office received the well abandonment forms for this site.

February 28, 2001 – the Department received "proof of filing" of the groundwater use deed restriction that is associated with this site.

Based on the correspondence and data provided, it appears that your site 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.

However, 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. If you have any questions or concerns, please contact me at the telephone number shown below.

Sincerely,

Linda Hanefeld
Hydrogeologist
(608) 935-1948

cc: Ms. Norma Johnson, W8667 Buckhorn Circle, Wautoma, WI 54982
Kevin Olson, MSA Professional Services, 1230 South Blvd., Baraboo, WI 53913-2791
Dave Holmes, Lancaster City Hall, 206 S. Madison St., Lancaster, WI 53813

625689

Document Number

GROUNDWATER USE RESTRICTION

VOL 866 PAGE 491

GRANT COUNTY, WI
RECEIVED FOR RECORD

FEB 23 2001

at 10:30A M. and recorded in Vol. 866 of Records Page 491
Marilyn Pierce Register

Recording Area

Name and Return Address
Myrtle Schneider
341 N. Monroe
Lancaster, Wi
53813

Declaration of Restrictions

In Re:

Commencing at a point 1509.1 feet East and 481.65 feet South of the center of Section Ten (10) Town Four (4) North of Range Three (3) West, Grant County, Wisconsin, thence South 25° 17' East 107.33 feet, thence South 34° 42' East 349.04 feet, then East 194.61 feet to the center line of public highway known and designated as U.S. Highway #61, thence North 34° 42' West 557.67 feet along the centerline of said highway known and designated as U. S. Highway #61, thence South 58° 32' West 142.66 feet to the place of beginning, being in the Southeast Quarter (SE 1/4) of Section Ten (10) in the Town of South Lancaster, Grant County, Wisconsin.

56-259
Parcel Identification Number (PIN)

STATE OF WISCONSIN)
) ss
COUNTY OF GRANT)

WHEREAS, Myrtle J. Schneider is the owner of the above-described property.

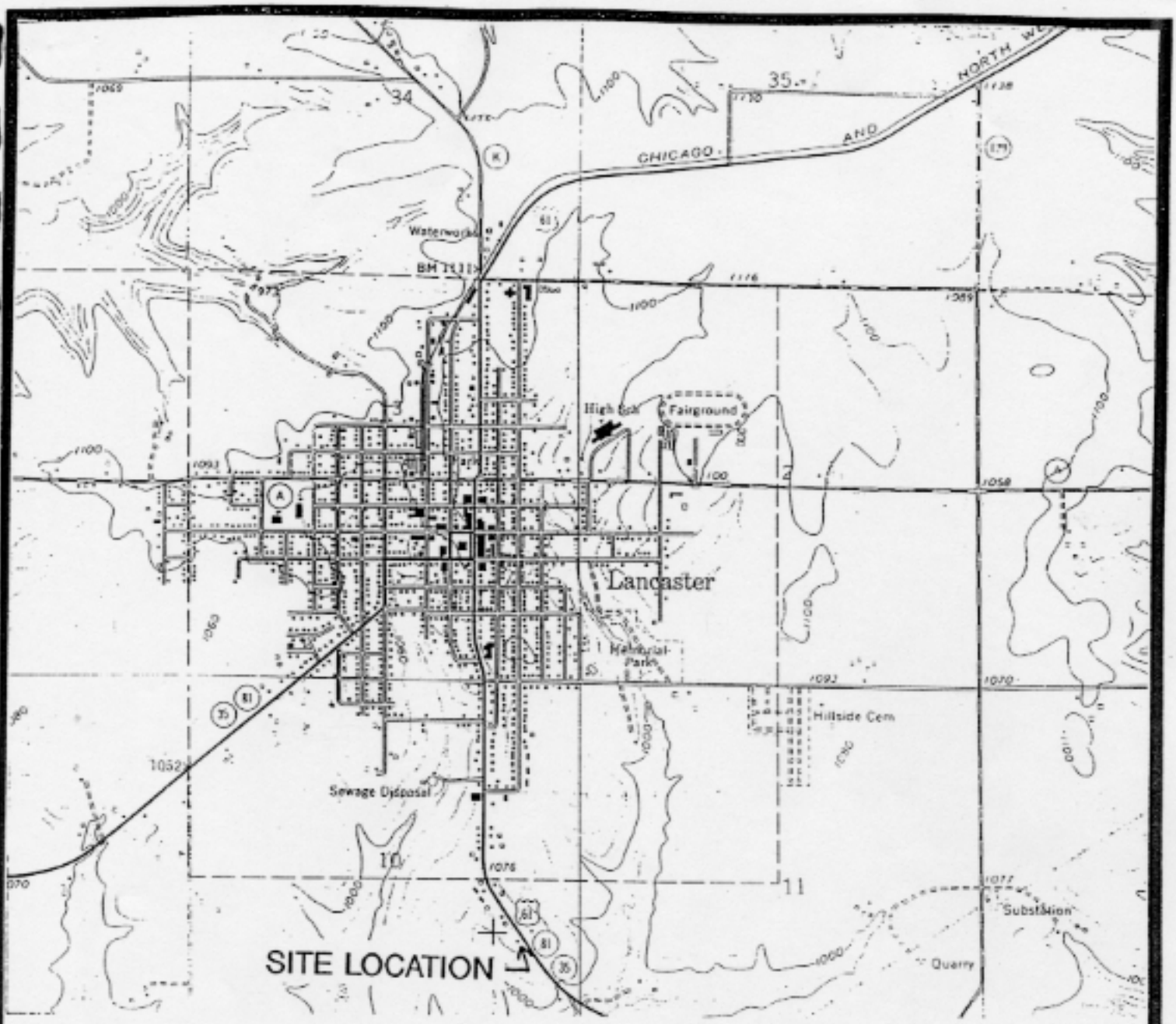
WHEREAS, one or more petroleum discharges have occurred on this property. Petroleum contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards existed in monitoring well 5 (MW5) in June, 2000: benzene at 380 micrograms per liter (ug/L); naphthalene at 180 ug/L; methyl tert-butyl ether at <110 ug/L; 1,2-dichloroethane at <40 ug/L; and trimethylbenzenes at 1430 ug/L. The location of MW5 is depicted on the attached Figure 2 (Exhibit A), which is hereby made a part of this restriction.

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

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

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

RECEIVED
FEB 28 2001
DEPT. OF NATURAL RESOURCES
DODGEVILLE SERVICE CENTER



2000 0 2000

SCALE IN FEET
1 INCH = 2000 FT.

N
W E
S

Lancaster Quadrangle
Wisconsin–Grant Co.
7.5 Minute Series (Topographic)

Contour Interval 20 Feet
1962

MSA

FIGURE I
SITE LOCATION MAP

SCHNEIDER PROPERTY
LANCASTER, WISCONSIN

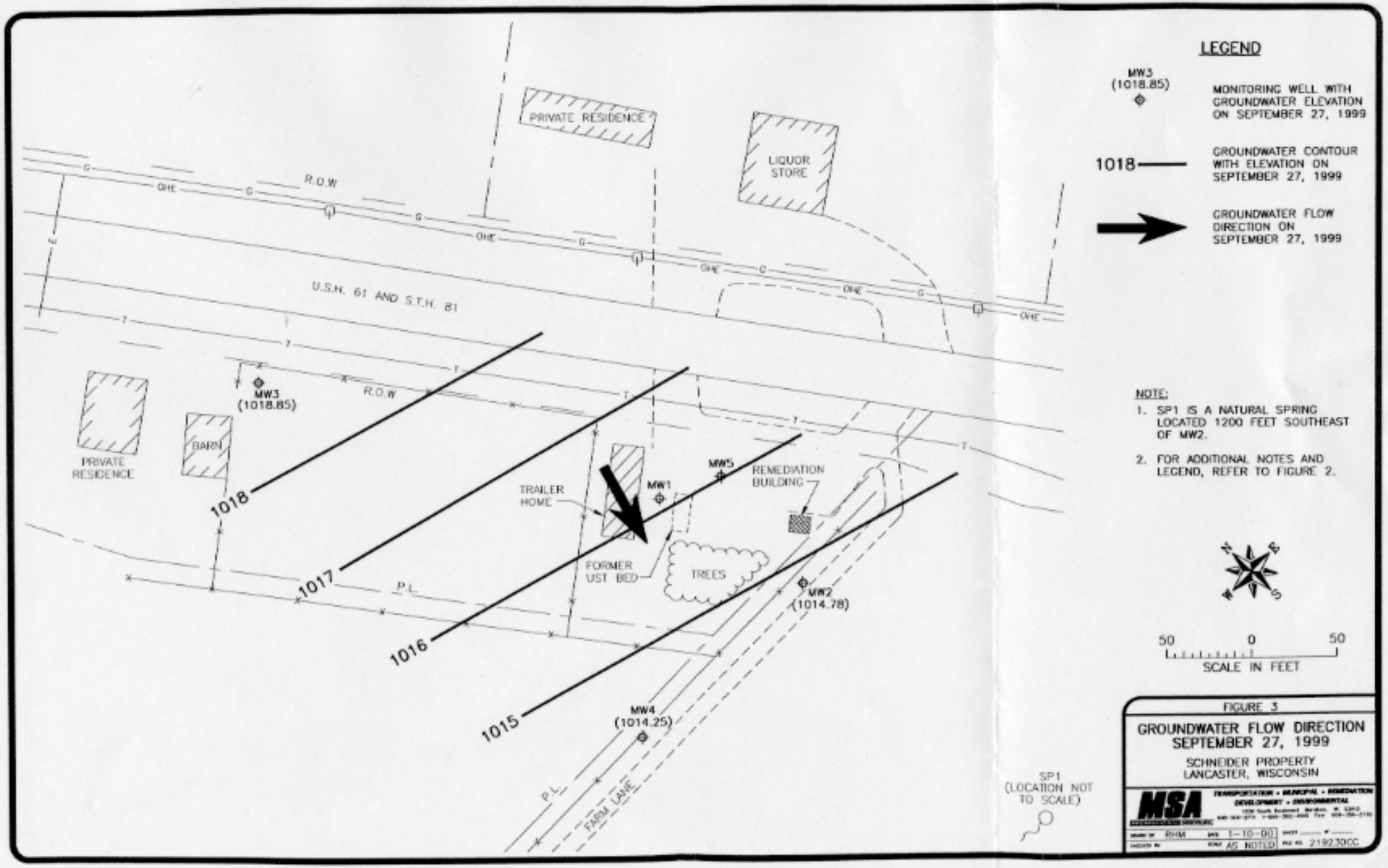

LEGEND
MW3 (1018.85)
MONITORING WELL WITH GROUNDWATER ELEVATION ON SEPTEMBER 27, 1999
1018
GROUNDWATER CONTOUR WITH ELEVATION ON SEPTEMBER 27, 1999
GROUNDWATER FLOW DIRECTION ON SEPTEMBER 27, 1999
NOTE:
1. SP1 IS A NATURAL SPRING LOCATED 1200 FEET SOUTHEAST OF MW2.
2. FOR ADDITIONAL NOTES AND LEGEND, REFER TO FIGURE 2.
PRIVATE RESIDENCE
LIQUOR STORE
R.O.W
U.S.H. 61 AND S.T.H. 81
MW3 (1018.85)
BARN
PRIVATE RESIDENCE
TRAILER HOME
MW1
MW5
REMEDIATION BUILDING
FORMER UST BED
TREES
MW2 (1014.78)
MW4 (1014.25)
P.L.
FARM LANE
1018
1017
1016
1015
SP1 (LOCATION NOT TO SCALE)
50 0 50
SCALE IN FEET
FIGURE 3
GROUNDWATER FLOW DIRECTION SEPTEMBER 27, 1999
SCHNEIDER PROPERTY
LANCASTER, WISCONSIN
MSA
DRAWN BY RHM
DATE 1-10-00
SCALE AS NOTED
FILE NO. 219230CC

TABLE 1
Groundwater Results
Schneider Property, Lancaster, Wisconsin

	Benzene	Ethylbenzene	Toluene	Xylenes	MtBE	Naphthalene	1,2-DCA	TMB	D.O.	Nitrate	Iron	Sulfate	GW Level
NR 140													
ES	5	700	1000	10000	60	40	5	480					
PAL	0.5	140	200	1000	12	8	0.5	96					
MW-1													
Jul-94	**115**	125	100	919	--	**261**	--	**2257**					1015.13
Dec-94	**240**	30	--	377	**60**			**1740**					1011.14
Aug-95	**69**	--	7.8	100	--			**658**					1017.64
Jun-96	**270**	51	--	120	--			**640**					1017.03
Jun-97	**59**	12	5	64	--	21	--	400					1017
Sep-97	**46**	7.5	22	53	--	9		158					
Dec-97	**71**	11	21	82	--		--	250					
Apr-98	**20**	8	4	53	--	19	--	380					
Jul-98	**15**	2	--	34	--	14	--	280					
Oct-98	**17**	11	--	32	31	31	--	310					
Sep-99	--	--	--	--	--	0.79	--	3.9					
Nov-99	2.5	--	1.4	7	--	2.6	--	34					
Mar-00	1.7	0.71	--	0.91	--	--	--	21.7	0.12				1011.61
Jun-00	1.1	0.41	0.95	3.26	<2.2	1.5	<0.80	49	0.68	0.54	2.8	9.7	1019.47
MW-2													
Jul-94	**25**	6.2	1.7	1.2	--	--	**5.4**	--					1014.56
Dec-94	3.9	--	--	--	1.9			--					1010.51
Aug-95	2.4	0.34	--	--	--			--					1016.86
Jun-96	**13**	--	--	--	--			--					1016.61
Mar-97	--	--	--	--	--			--					1012.45
Jun-97	--	--	--	--	--	--	--	--					1016.25
Sep-97	1.3	0.3	0.4	0.3	--	--		--					1014.38
Dec-97	**33**	3.9	8.8	3.3	--		2.7	2.2					1010.6
Apr-98	2.7	--	0.3	--	--	--	2.6	--					1017.31
Jul-98	2.8	--	--	--	--	1.2	--	--					1020.9
Oct-98	2.4	0.7	0.45	0.49	3.7	1.3	0.39	0.3					1017.61
Apr-99	**11**	0.41	0.29	1.11	--	2.1	--	7.4					1014.76
Sep-99	--	--	--	--	--	--	0.74	--	3.19				1014.78
Nov-99	1.6	--	--	0.6	--	--	--	--					1013.47
Mar-00	--	--	--	--	--	--	--	--	2.27	<0.08	0.8	25.5	1010.97
Jun-00	3.3	<0.10	0.38	<0.20	<1.1	<0.70	2.0	<0.30	2.1	<0.08	1.2	29.4	1018.91

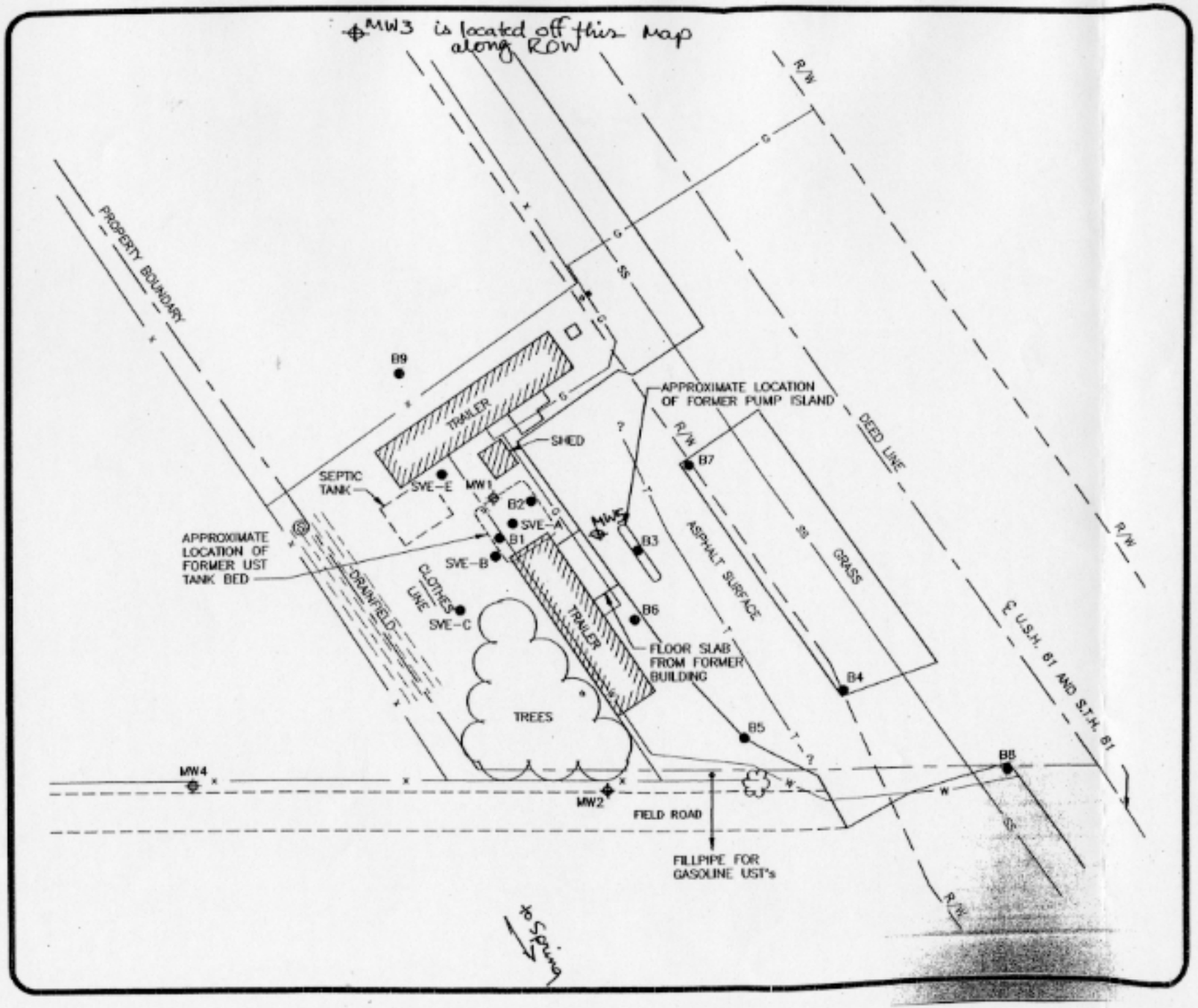
TABLE 1
Groundwater Results
Schneider Property, Lancaster, Wisconsin

	Benzene	Ethylbenzene	Toluene	Xylenes	MtBE	Naphthalene	1,2-DCA	TMB	D.O.	Nitrate	Iron	Sulfate	GW Level
NR 140													
ES	5	700	1000	10000	60	40	5	480					
PAL	0.5	140	200	1000	12	8	0.5	96					
MW-3													
Dec-94	--	--	1.2	--	--			--					1005.94
Aug-95	--	--	--	--	--			--					1018.7
Jun-96	--	--	--	--	--			--					1017.56
Mar-97	--	--	--	--	--			--					1013.12
Sep-99	--	--	--	--	--	--	--	--	6.07				1015.86
Mar-00									1.04		0		1012.6
Jun-00									0.74	1.28	0	140	1021.25
MW-4													
Dec-94	--	--	1	--	--			--					1008.91
Aug-95	--	--	1.5	--	--			--					1016.37
Jun-96	--	--	--	--	--			--					1017.01
Mar-97	--	--	--	--	--			--					1012.99
Sep-99	--	--	--	--	--	--	--	--	5.51				1013.7
Mar-00	--	--	--	--	--	--	--	--	8.62	1.75	0	26.3	1010.51
Jun-00	--	--	--	--	--	--	--	--	5.32	1.87	0	28.9	1019.52
MW-5													
Aug-95	**15000**	**6800**	**25000**	**37000**	--	**770**	**61**	**4600**					1017.35
Jun-96	**9500**	**3500**	**23000**	**18300**	--			**4550**					1016.84
Sep-97	**1400**	220	360	6300	--	**540**		**3290**					
Oct-98	**370**	270	330	2470	--	**440**	--	**2490**					
Apr-99	**380**	140	28	2320	--	**710**	--	**2670**					
Nov-99	**350**	110	7.5	605	--	**190**	--	**1380**					
Mar-00	**300**	120	49	726	--	**260**	**15**	**1180**	0.08	0.105	5.4	32.1	1011.49
Jun-00	**380**	57	87	1960	<110	**180**	<40	**1430**	0.04	<0.08	5.0	204	1019.24

TABLE 1
Groundwater Results
Schneider Property, Lancaster, Wisconsin

	Benzene	Ethylbenzene	Toluene	Xylenes	MtBE	Naphthalene	1,2-DCA	TMB	D.O.	Nitrate	Iron	Sulfate	GW Level
NR 140													
ES	5	700	1000	10000	60	40	5	480					
PAL	0.5	140	200	1000	12	8	0.5	96					
SP-1													
Aug-92	**13**	--	2.8	--	--	5.9	--	5.8					
Jul-94	2.8	--	--	8.9	--			3.1					
Aug-95	--	--	--	--	--			--					
Jun-96	--	--	--	--	--			--					
Apr-98	0.6	--	--	0.3	--	--	--	--					
Jul-98	3.4	--	--	3	--	1.2	--	5					
Oct-98	0.57	--	--	--	--	--	--	0.28					
Jul-99	--	--	--	--	--			--					
Sep-99	1.0	--	--	0.67	--	0.72	0.55	2.5					
Nov-99	--	--	--	--	--	--	--	--					
Mar-00	--	--	--	--	--	--	--	--					
Jun-00	0.2	--	--	0.25	--	--	--	--					

All concentrations are in ug/L, except D.O., nitrate, sulfate, and iron which are in mg/L.
ES = Wisconsin Administrative Code NR 140 enforcement standard
PAL = Wisconsin Administrative Code NR 140 preventive action limit
Values in BOLD represent NR 140 ES exceedances
SP-1 samples are collected at a natural spring downgradient of the site
MW-1 and MW-5 have been retrofitted with pumps for groundwater extraction
MtBE = methyl-tert-butylether
1,2-DCA = 1,2-dichloroethane
TMB = trimethylbenzene
GRO = gasoline range organics
-- = not detected
Blank = not analyzed
D.O. = dissolved oxygen
GW Levels are in feet above mean sea level
Shaded dates represent period of system operation



MSA

1230 South Blvd
Baraboo, Wisconsin
53913
608-356-2777

MID-STATE ASSOCIATES, INC

Engineers · Architects · Planners · Surveyors · Scientist

LEGEND

- POWER POLE
- BORING LOCATION
- SEPTIC VENT
- FENCE
- UNDERGROUND GAS
- UNDERGROUND WATER
- UNDERGROUND TELEPHONE
- STORM SEWER
- HIGHWAY RIGHT-OF-WAY
- PROPERTY BOUNDARY

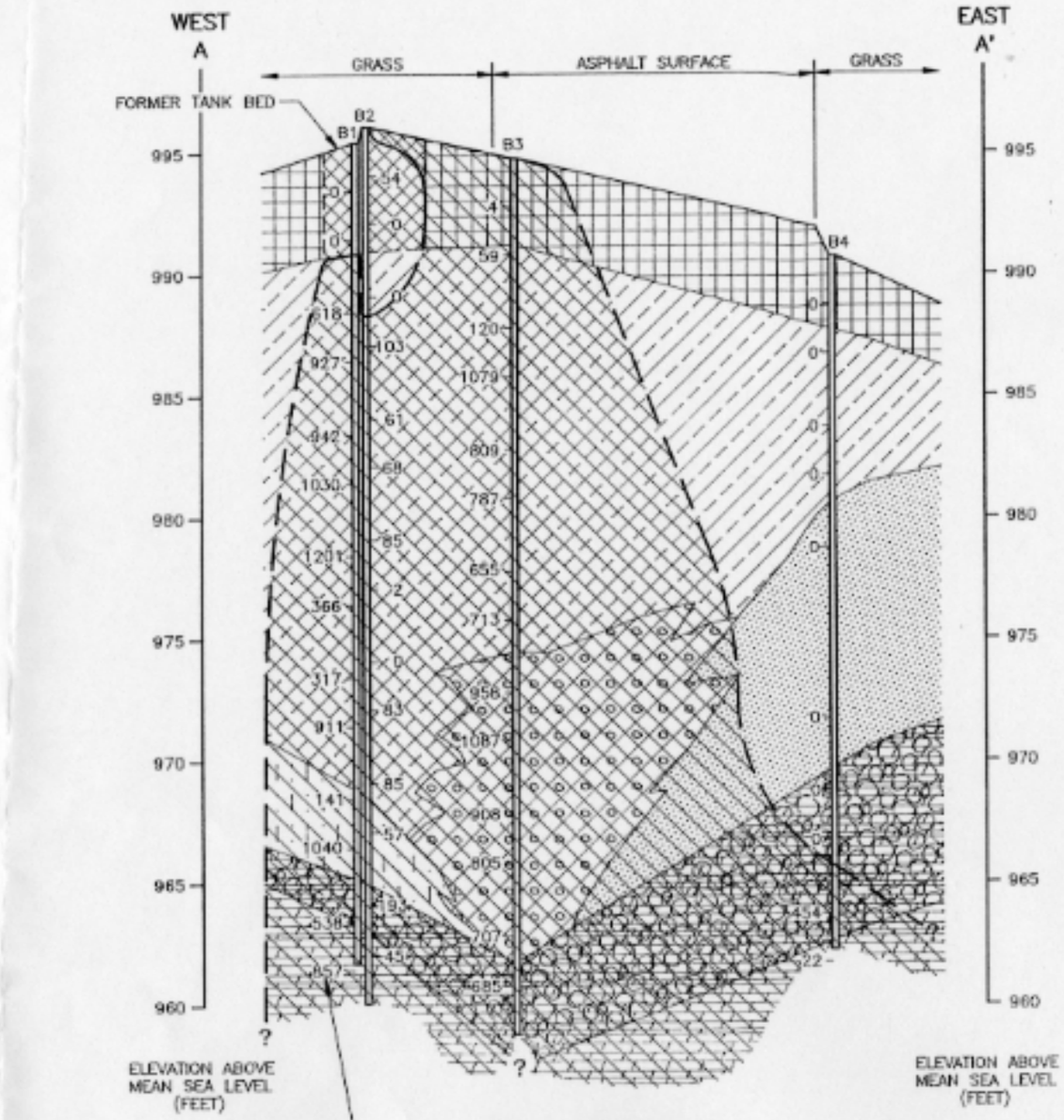
N E S W

30 0 30

SCALE IN FEET

FIGURE 3
SOIL BORING AND MONITORING WELL LOCATIONS

SPENCER PROPERTY
LANCASTER, WISCONSIN



DISCLAIMER: INFORMATION BETWEEN SOIL BORINGS IS INTERPRETED BASED ON AVAILABLE DATA. ACTUAL CONDITIONS BETWEEN SOIL BORINGS ARE UNKNOWN.

MSA
1230 South Blvd.
Baraboo, Wisconsin
53913
608·356·2771
MID-STATE ASSOCIATES, INC.
Engineers · Architects · Planners · Surveyors · Scientists

LEGEND

- FILL
- SILTY CLAY
- GRAVELLY SILTY CLAY
- SILTY SAND
- FINE SAND
- WEATHERED DOLOMITE BEDROCK
- COMPETENT DOLOMITE BEDROCK
- VERTICAL EXTENT OF SOIL ORGANIC VAPOR CONTAMINATION

HORIZONTAL SCALE 1"=30'
VERTICAL SCALE 1"=5'

FIGURE 6
VERTICAL EXTENT OF SOIL ORGANIC VAPOR CONTAMINATION
SCHNEIDER PROPERTY
LANCASTER, WISCONSIN