GIS REGISTRY INFORMATION

SITE NAME:	Somsen Oil Co		
BRRTS #:	03-49-240911	**FID #** (if appropriate):	N/A
COMMERCE # (if appropriate):	54005-9999-84		
CLOSURE DATE:	January 7, 2004		
STREET ADDRESS:	484 5th Ave		
CITY:	Clear Lake		

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	341537		**Y =**	533295	
CONTAMINATED MEDIA:	Groundwater		Soil	X	Both	
OFF-SOURCE GW CONTAMINATION >ES:		**Yes**		**No**	X	
• **IF YES, STREET ADDRESS:**	N/A					
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**	N/A		**Y =**	N/A	
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):		**Yes**		**No**	X	
• **IF YES, STREET ADDRESS 1:**	N/A					
• **GPS COORDINATES** (meters in WTM91 projection):	**X =**	N/A		**Y =**	N/A	
CONTAMINATION IN RIGHT OF WAY:		**Yes**		**No**	X	

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)	NA
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

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
P.O. Box 8044
Madison, Wisconsin 53708-8044
TDD #: (608) 264-8777
Fax #: (608) 267-1381
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Jim Doyle, Governor
Cory L. Nettles, Secretary

Wisconsin
Department of Commerce

January 7, 2004

David Somsen
Somsen Oil Co
484 5th Ave
PO Box 275
Clear Lake, WI 54005

RE: **Final Closure**

Commerce # 54005-9999-84 WDNR BRRTS # 03-49-240911
Somsen Oil Co, 484 5th Ave, Clear Lake

Dear Mr. Somsen:

The Wisconsin Department of Commerce (Commerce) has received all items required as conditions for closure of the site referenced above. This case is now listed as "closed" on the Commerce database and will be included on the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual contamination. It is in your best interest to keep all documentation related to the environmental activities that were conducted.

If residual contamination is encountered in the future, it must be managed in accordance with all applicable state and federal regulations. If it is determined that any remaining contamination poses a threat, the case may be reopened and further investigation or remediation may be required.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-5401.

Sincerely,

Shawn A. Wenzel
Hydrogeologist
Site Review Section

cc: Jennifer Domeier, Envirogen, Inc.
Case File

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
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Wisconsin
Department of Commerce

November 25, 2003

David Somsen
Somsen Oil Co
484 5th Ave
PO Box 275
Clear Lake, WI 54005

RE: **Conditional Case Closure**

Commerce # 54005-9999-84 WDNR BRRTS # 03-49-240911
Somsen Oil Co, 484 5th Ave, Clear Lake

Dear Mr. Somsen:

The Wisconsin Department of Commerce (Commerce) has reviewed the request for case closure prepared by your consultant, Envirogen Inc, for the site referenced above. It is understood that residual soil contamination remains on-site. Commerce has determined that this site does not pose a significant threat to the environment and human health. No further investigation or remedial action is necessary.

During the groundwater sampling event conducted on October 10, 2002, the preventive action limit (PAL) for tetrachloroethylene (PCE) was exceeded at monitoring well MW-2A, at 0.68 parts per billion. Commerce is issuing a PAL exemption, per NR 140.28(2), Wis. Adm. Code, for PCE at the referenced property.

The following condition must be satisfied to obtain final closure:

- The only known remaining monitoring well identified, MW-2A, must be properly abandoned. The appropriate documentation must be forwarded to the letterhead address.

This letter serves as your written notice of "no further action". Timely filing of your final PECFA claim (if applicable) is encouraged. If your claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (608) 261-5401.

Sincerely,

Shawn A. Wenzel
Hydrogeologist
Site Review Section

cc: Allan Wolfe, Envirogen, Inc.
Case File

473 906

DOCUMENT NO. 431017

WARRANTY DEED
STATE OF WISCONSIN - FORM 2

473 PAGE 906

Received for record

JAN 3 1985

RAFFLE WAIT, Register of Deeds
Polk County Wisc.

Deputy

Bert D. Petersen

This indenture, Made this 26th day of December A. D. 1984 between Village of Clear Lake, Wisconsin a municipal Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Clear Lake Wisconsin, party of the first part, and David L. Somsen

party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of Three Thousand Thirty-eight & 27/100's ($3,038.27) to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, alien, convey, and confirm unto the said party of the second part his heirs and assigns forever, the following described real estate, situated in the County of Polk State of Wisconsin, to-wit:

Lot 10 of Certified Survey Map No. 1062 recorded in Volume 5 of Certified Survey Maps, Page 52, Document No. 429186, located in Government Lot 6, Section 19-32-15, Village of Clear Lake, as shown as St. Paul, Minneapolis and Omaha on the Assessor's Plat to the Village of Clear Lake, Polk County, Wisconsin; and

Lots 11 and 12 of Certified Survey Map No. 1063 recorded in Volume 5 of Certified Survey Maps, Page 53, Document No. 429187, located in Government Lots 6 and 7 Section 19-32-15, Village of Clear Lake, as shown as St. Paul, Minneapolis and Omaha on the Assessor's Plat to Village of Clear Lake, Polk County, Wisconsin.

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

Together with all and singular the hereditaments and appurtenances thereunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances.

To have and to hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to his heirs and assigns FOREVER.

And the said Village of Clear Lake party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party of the second part his heirs and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever subject to municipal and zoning ordinances and recorded easements and restrictions if any

and that the above bargained premises in the quiet and peaceable possession of the said party of the second part his heirs, and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT and DEFEND.

In Witness Whereof, the said Village of Clear Lake party of the first part, has caused these presents to be signed by Clarence Sandberg its President, and countersigned by John M. Campion its clerk at Clear Lake, Wisconsin, and its corporate seal to be hereunto affixed, this 26th day of December A. D. 1984.

SIGNED AND SEALED IN PRESENCE OF

VILLAGE OF CLEAR LAKE
Corporate Name

Clarence Sandberg
President

Clarence Sandberg

COUNTERSIGNED:

John M. Campion
John M. Campion Clerk

STATE OF WISCONSIN
Polk County } ss.

Personally came before me, this 26th day of December A. D. 1984 Clarence Sandberg President, and John M. Campion, clerk Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument and such officers as the deed of said Corporation, by its authority.

Bert D. Petersen
Bert D. Petersen
Notary Public, Polk County, Wis.
My commission (expires) (is) permanent

THIS INSTRUMENT WAS DRAFTED BY
Bert D. Petersen

NOTARY SEAL

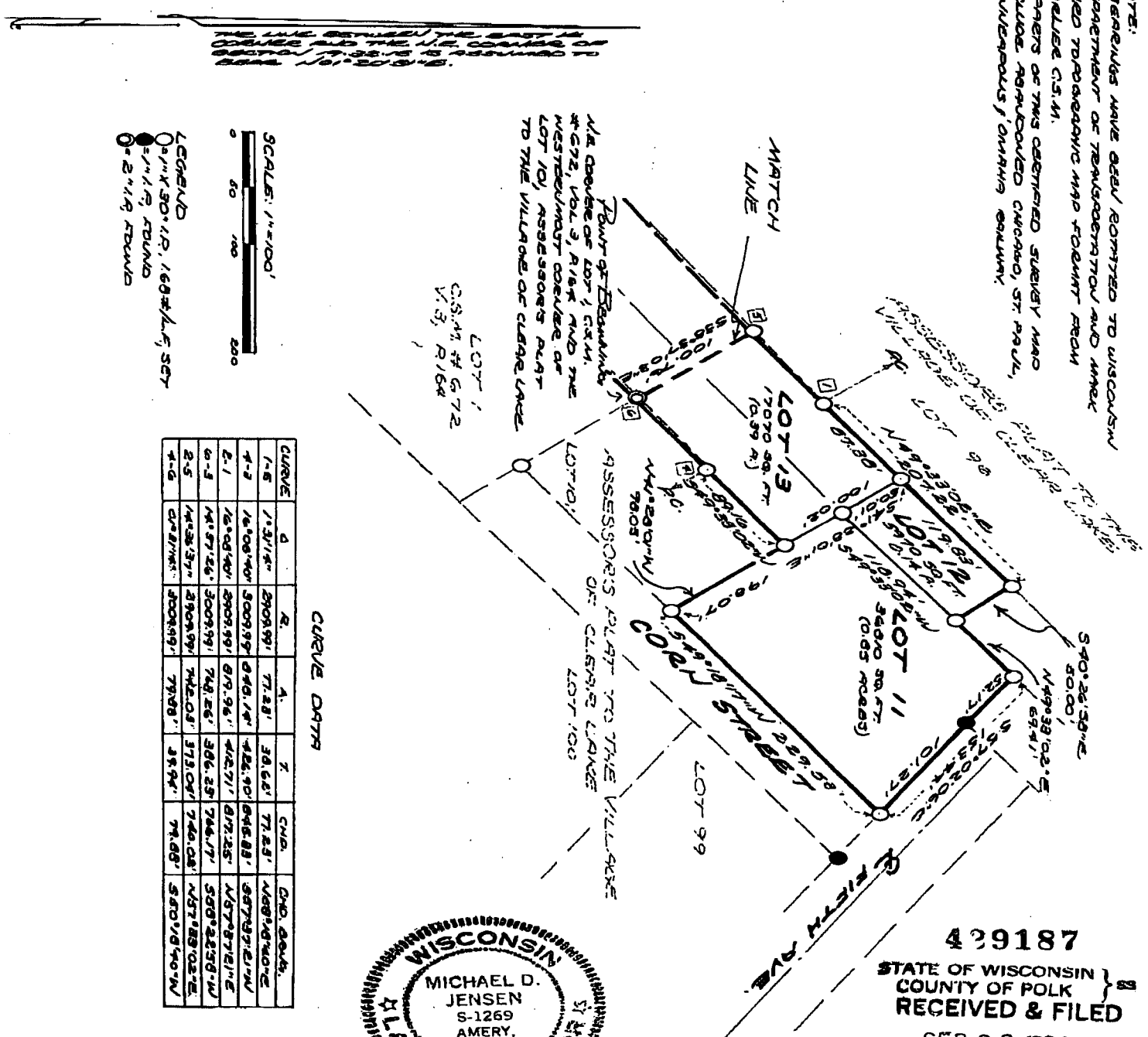
Parcel Identification Number:

113-325-0

POLK CO. CERTIFIED SURVEY MAP NO. 1063

PART OF GOVERNMENT LOT 6 AND PART OF GOVERNMENT LOT 7, SECTION 19, VILLAGE OF CLEAR LAKE, TOWNSHIP 32 NORTH, RANGE 15 WEST, COUNTY OF POLK, STATE OF WISCONSIN.

NOTE:
1. BEARINGS HAVE BEEN ROTATED TO WISCONSIN DEPARTMENT OF TRANSPORTATION AND MARK HURD TOPOGRAPHIC MAP FORMAT FROM EARLIER C.S.M.
2. PARTS OF THIS CERTIFIED SURVEY MAP INCLUDE ABANDONED CHICAGO, ST. PAUL, MINNEAPOLIS & OMAHA RAILWAY.



CURVE DATA

CURVE	Δ	R.	A.	T.	CHD.	CHD. BRG.
1-5	1°31'14"	2909.99'	77.23'	38.62'	77.23'	N58°18'40"E
4-3	16°08'40"	3009.99'	848.14'	426.90'	845.83'	S57°37'21"W
2-1	16°08'40"	2909.99'	819.96'	412.71'	817.25'	N57°37'21"E
6-3	14°57'26"	3009.99'	742.03'	373.04'	740.02'	S58°22'58"W
2-5	14°36'37"	2909.99'	768.26'	386.25'	766.17'	N57°33'02"E
4-6	01°31'14"	3009.99'	79.88'	39.94'	79.88'	S50°18'40"W

WISCONSIN
MICHAEL D. JENSEN
S-1269
AMERY, WIS.
LAND SURVEYOR

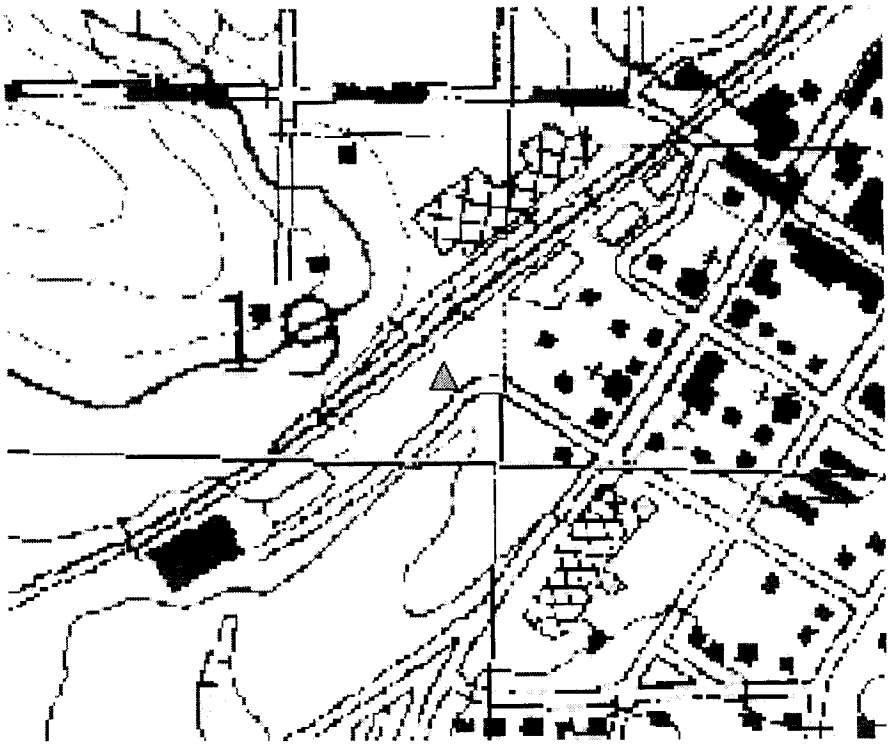
Michael D. Jensen
9-3-84

429187
STATE OF WISCONSIN } ss
COUNTY OF POLK
RECEIVED & FILED
SEP 28 1984
AT 2:00 O'CLOCK
VOL. 5 CSM PAGE 53
Harold Maier REGISTER OF DEEDS
Norma Hansen, Deputy

Somsen Oil Company
484 5th Avenue
Clear Lake, Wisconsin 54005
WDNR File Ref: 03-49-240911
COMM ID #: 54005-9999-84

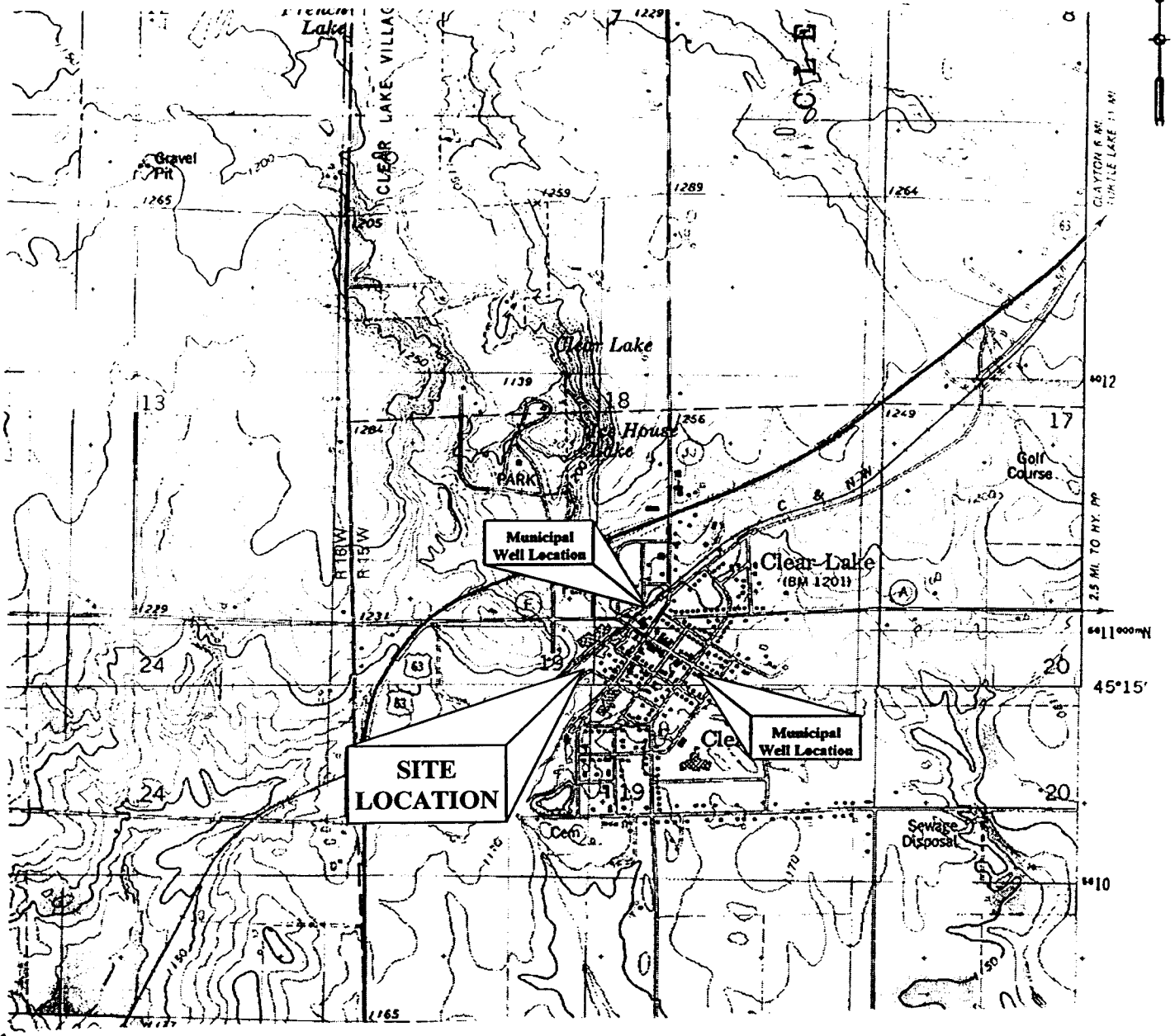
Parcel Identification Number: 113-325-0

Scale 1 : 4,100



Please read the documentation for more information.

▲WTM coordinates: 341537, 533295



(USGS 1978)
AMERY QUADRANGLE

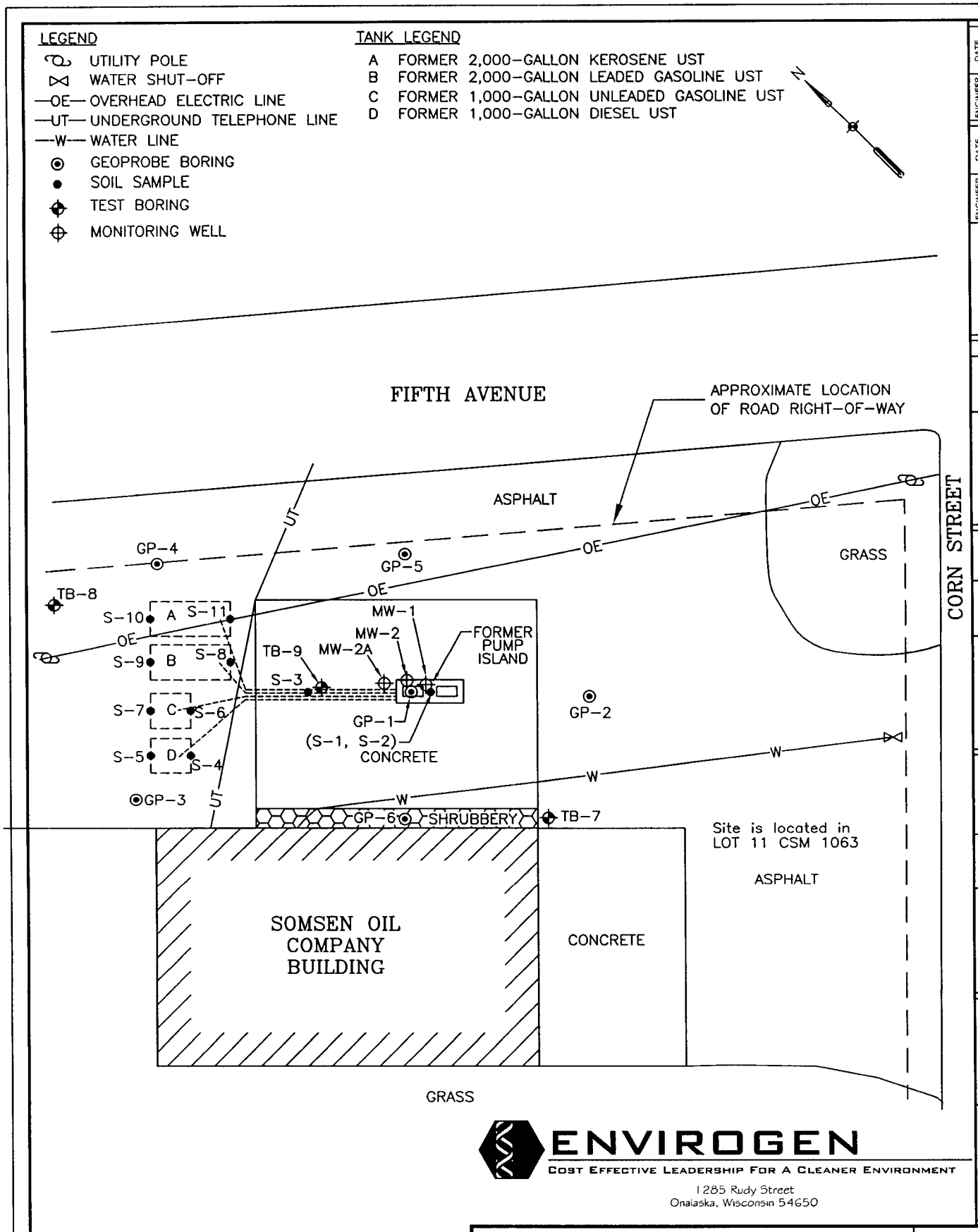
SCALE
1:24,000

1/2 0 1 MILE
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET
1 .5 0 1 KILOMETER

ENVIROGEN
COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

LOCATION

Somsen Oil Company CLEAR LAKE, WISCONSN	FIGURE NO.
SITE LOCATION MAP	1



ENVIROGEN
COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT
1285 Rudy Street
Onalaska, Wisconsin 54650

SITE PLAN VIEW

SOMSEN OIL COMPANY SITE
CLEAR LAKE, WISCONSIN

FIGURE NO. 2

DATE	ENGINEER	DATE	ENGINEER	REVISIONS:	APPROVED BY:	CHECKED BY:	09/02/03	PCE	DRAWN BY:	990407R2	DRAWING NO.

TABLE 5

Groundwater Results
Somsen Oil Company
Clear Lake, Wisconsin

MW-2A	**Top of Well Screen (msl): 33.81 feet bgs**					**Length of Well Screen: 15 ft.**					
Sample Date	Benzene	Ethylbenzene	Toluene	Xylenes (total)	TMBs (total)	MTBE	Naphthalene	PCE	Dissolved Lead	Depth to Water (from top of casing)	Dissolved Oxygen (ppm)
10/10/02	<0.25	<0.53	<0.84	<1.83	<1.33	<0.87	<0.63	*0.68*	<0.090	37.62	3.23
11/12/02	<0.45	<0.82	0.84	<2.47	<1.86	<0.43	<0.89	NA	NA	37.67	NA
NR 140 ES	5	700	1,000	10,000	480	60	40	5	15	--	--
NR 140 PAL	0.5	140	200	1,000	96	12	8	0.5	1.5	--	--

Notes: All results in ppb unless otherwise noted.
Bold numbers indicates concentrations exceed the NR 140 ES
Italic numbers indicates concentrations exceed the NR 140 PAL
ES - enforcement standard
PAL - preventive action limit
MTBE - Methyl t-butyl ether
PCE - Tetrachloroethene
TMB - Trimethylbenzene
bgs - below ground surface
NA - not analyzed
ppm - parts per million
ppb - parts per billion

TABLE 6

PAH - Groundwater Analytical Results
Somsen Oil Company
Clear Lake, Wisconsin

Sample Location	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(ghi) perylene	Benzo(k) fluoranthene	Chrysene	Dibenzo(ah) anthracene	Fluoranthene	Fluorene	Indeno(123-cd) pyrene	1-Methyl naphthalene	2-Methyl naphthalene	Naphthalene	Phenanthrene	Pyrene
MW-2A	10/10/02	<0.018	<0.023	<0.020	<0.019	<0.012	<0.014	<0.015	<0.013	<0.018	<0.017	<0.028	<0.021	<0.014	<0.027	<0.028	<0.027	<0.019	<0.020
NR 140 ES		NS	NS	3,000	NS	0.2	0.2	NS	NS	0.2	NS	400	400	NS	NS	NS	40	NS	250
NR 140 PAL		NS	NS	600	NS	0.02	0.02	NS	NS	0.02	NS	80	80	NS	NS	NS	8	NS	50

Notes:
All values are in parts per billion
Bold numbers indicates concentrations exceed the NR 140 Enforcement Standards
Italic numbers indicates concentrations exceed the NR 140 Preventive Action Limit
NS - No Standard
PAHs - Polycyclic aromatic hydrocarbons

TABLE 2

Soil Analytical Results
Somsen Oil Company
Clear Lake, Wisconsin

Boring & Sample Interval	Sample Date	Depth (feet bgs)	PID (ppm eq)	GRO (mg/kg)	DRO (mg/kg)	Benzene	sec-Butylbenzene	n-Butylbenzene	Ethylbenzene	Isoprpylbenzene	Toluene	Xylenes (total)	MTBE	1,2,4-TMB	1,3,5-TMB	Naphthalene	Naphthalene (PAH Method 8310)	1,2-DCA	Lead (ppm)
S-1	12/13/99	4	105	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-2	12/13/99	7	100	**1,300**	**3,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-3	12/13/99	4	697	**697**	**1,600**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-4	12/13/99	8	<10	NA	<4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-5	12/13/99	8	<10	NA	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-6	12/13/99	8	<10	<2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-7	12/13/99	8	<10	<2.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-8	12/13/99	8	30	<2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-9	12/13/99	8	16	<2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-10	12/13/99	8	667	NA	20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
S-11	12/13/99	8	14	NA	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
GP-1; S-2	12/20/01	2-4	281	**1,100**	**4,800**	**1,000**	8,000	20,000	***26,000***	1,100	**1,600**	**9,800**	<250	12,000	***11,000***	***14,000***	**1,700**	<250	<6
GP-1; S-3	12/20/01	4-6	526	**1,100**	**8,300**	<250	13,000	20,000	850	730	<250	840	<250	5,600	5,000	***16,000***	<100	<250	<6
GP-1; S-5	12/20/01	8-10	147	**480**	**4,300**	<250	7,200	21,000	1,200	490	<250	2,600	<250	10,000	5,900	***8,600***	**1,900**	<250	<6
GP-2;S-1	12/20/01	0-2	<10	<10	<10	<25	NA	NA	<25	NA	<25	<75	<25	<25	<25	<25	<10	NA	<6
GP-2;S-6	12/20/01	10-11	<10	<10	<10	<25	NA	NA	<25	NA	<25	<75	<25	<25	<25	<25	NA	NA	NA
GP-3;S-1	12/20/01	0-2	<10	<10	<10	<25	NA	NA	<25	NA	<25	<75	<25	<25	<25	<25	<10	NA	<6
GP-3;S-6	12/20/01	10-11	<10	<10	<10	<25	NA	NA	<25	NA	<25	<75	<25	35	<25	<25	NA	NA	NA
GP-4;S-1	12/20/01	0-2	<10	<10	<10	<25	NA	NA	<25	NA	<25	<75	<25	<25	<25	<25	10	NA	<6
GP-4;S-6	12/20/01	10-11.5	<10	<10	<10	<25	NA	NA	<25	NA	<25	<75	<25	35	<25	<25	NA	NA	NA
GP-5;S-1	12/20/01	0-2	<10	<10	<10	<25	NA	NA	<25	NA	35	130	<25	49	<25	52	18	NA	<6
GP-5;S-5	12/20/01	8-10	<10	<10	<10	<25	NA	NA	<25	NA	<25	<75	<25	<25	<25	<25	NA	NA	NA
GP-6;S-1	12/20/01	0-2	<10	<10	<10	78	NA	NA	91	NA	480	720	<25	210	90	73	150	NA	23
GP-6;S-6	12/20/01	10-11	<10	<10	<10	<25	NA	NA	<25	NA	<25	<75	<25	<25	<25	<25	NA	NA	NA
TB-7;S-1	06/12/02	1-3	<10	NA	NA	<25	NA	NA	<25	NA	50	100	<25	35	<25	NA	51	NA	NA
TB-7;S-6	06/12/02	11-12	<10	NA	NA	<25	NA	NA	<25	NA	<25	<75	<25	<25	<25	NA	<40	NA	NA
TB-8;S-2	06/12/02	3-5	<10	NA	NA	<25	NA	NA	<25	NA	<25	<25	<25	<25	<25	NA	62	NA	NA
TB-8;S-6	06/12/02	11-12	<10	NA	NA	<25	NA	NA	<25	NA	<25	<25	<25	<25	<25	NA	<40	NA	NA
TB-9;S-1	09/24/02	2.5-4.5	<10	<3.1	<8.9	<25	NA	NA	<25	NA	<25	<50	<25	<25	<25	NA	<21	NA	NA
TB-9;S-11	09/24/02	27.5-29.5	<10	<2.7	<8.7	<25	NA	NA	<25	NA	<25	<50	<25	<25	<25	NA	<18	NA	NA
TB-9;S-15	09/24/02	40.5-42	<10	<2.9	<7.4	<25	NA	NA	<25	NA	<25	<50	<25	<25	<25	NA	<19	NA	NA
MW-2;S-1	09/24/02	10-12	579	**590**	**2,200**	**500**	NA	NA	2500	NA	**1,700**	**12,200**	<200	11000	8800	NA	**910**	NA	NA
MW-2A;S-4	09/24/02	27.5-29.5	<10	<2.7	<8.3	<25	NA	NA	<25	NA	<25	<50	<25	<25	<25	NA	42	NA	NA
MW-2A;S-11	09/24/02	45-47	<10	<3.0	<8.3	<25	NA	NA	<25	NA	<25	<50	<25	<25	<25	NA	<20	NA	NA
NR 720.09 RCLs based on protection of groundwater				100	100	5.5	NS	NS	2,900	NS	1,500	4,100	NS	NS	NS	400 [1]	400 [1]	4.9	NS
NR 746.06 Table 1 (free product indicator)				NS	NS	8,500	NS	NS	4,600	NS	38,000	42,000	NS	83,000	11,000	2,700	2,700	600	NS
NR 746.06 Table 2 Direct Contact Standards (0-4 feet bgs)				NS	NS	1,100	NS	NS	NS	NS	NS	NS	NS	NS	NS	20,000 [1]	20,000 [1]	540	50 [2]

Notes:

All results listed in parts-per-billion unless otherwise indicated
Bold numbers indicates sample exceeds the NR 720 RCLs based on the protection of groundwater (NR 720.09 Table 1)
ITALIC numbers indiates sample exceeds the NR 746.06 free product indicator values (NR 746.06 Table 1)
[1] Suggested RCL for PAH compounds in soil based on groundwter pathway and non-industrial direct contact pathway (WDNR Pub. RR-519-97)
[2] RCLs based on human health risk from direct contact related to non-industrial land use (NR 720.11 Table 2)

PID - photoionization detector
bgs - below the ground surface
DCA - dichloroethane
DRO - diesel range organics
MTBE - methyl tert-butyl ether
NA - not analyzed
NS - no standard
GRO - gasoline range organics
RCL - residual contaminant level
TMB - trimethylbenzene
PAH - polycyclic aromatic hydrocarbons
ppm eq - part per million equivalent
WDNR - Wisconsin Department of Natural Resources

TABLE 3

PAH Soil Analytical Results
Somsen Oil Company
Clear Lake, Wisconsin

Sample	Date	Depth (feet bgs)	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a) anthracene	Benzo(a) pyrene	Benzo(b) fluoranthene	Benzo(ghi) perylene	Benzo(k) fluoranthene	Chrysene	Dibenzo(ah) anthracene	Fluoranthene	Fluorene	Indeno(123-cd)pyrene	1-Methyl naphthalene	2-Methyl naphthalene	Naphthalene	Phenanthrene	Pyrene
GP-1; S-2	12/20/01	2-4	4.400	<0.100	3.800	<0.100	<0.170	<0.240	<0.100	<0.370	0.120	<0.100	0.700	4.600	<0.130	5.700	3.100	**1.700**	**7.000**	3.100
GP-1; S-3	12/20/01	4-6	4.100	<0.100	3.200	<0.100	<0.170	<0.240	<0.100	<0.370	<0.100	<0.100	0.530	5.100	<0.130	3.700	1.500	<0.100	**6.400**	2.400
GP-1; S-5	12/20/01	8-10	2.700	<0.100	1.500	<0.100	<0.170	<0.240	<0.100	<0.370	<0.100	<0.100	0.290	4.100	<0.130	11.000	3.800	**1.900**	**8.500**	0.790
GP-2;S-1	12/20/01	0-2	<0.013	<0.010	<0.011	<0.010	<0.017	<0.024	<0.010	<0.037	0.043	<0.010	<0.010	<0.011	<0.013	0.021	0.021	<0.010	0.044	0.032
GP-3;S-1	12/20/01	0-2	<0.013	<0.010	<0.011	<0.010	<0.017	<0.024	<0.010	<0.037	<0.010	<0.010	<0.010	<0.011	<0.013	<0.010	<0.017	<0.010	<0.012	<0.013
GP-4;S-1	12/20/01	0-2	<0.013	<0.010	<0.011	<0.010	<0.017	<0.024	0.013	<0.037	0.030	<0.010	<0.010	<0.011	<0.013	0.022	0.027	0.010	0.030	0.021
GP-5;S-1	12/20/01	0-2	<0.013	<0.010	<0.011	0.024	<0.017	<0.024	0.020	<0.037	0.039	<0.010	0.014	<0.011	0.014	0.031	0.037	0.018	0.043	0.031
GP-6;S-1	12/20/01	0-2	<0.013	0.014	0.021	0.062	*0.057*	0.069	0.028	0.070	0.100	*0.013*	0.140	<0.011	0.028	0.190	0.220	0.150	0.140	0.150
TB-7;S-1	06/12/02	1-3	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	0.064	<0.072	0.051	0.070	<0.058
TB-7;S-6	06/12/02	11-12	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	<0.020	<0.058
TB-8;S-2	06/12/02	3-5	<0.041	<0.042	<0.034	<0.054	<0.059	0.066	<0.082	<0.079	0.077	<0.076	0.095	<0.041	<0.069	0.065	0.080	0.062	0.065	0.077
TB-8;S-6	06/12/02	11-12	<0.041	<0.042	<0.034	<0.054	<0.059	<0.042	<0.082	<0.079	<0.038	<0.076	<0.042	<0.041	<0.069	<0.037	<0.072	<0.040	0.026	<0.058
TB-9;S-1	09/24/02	2.5-4.5	<0.020	<0.015	<0.015	<0.017	<0.015	<0.013	<0.014	<0.016	<0.017	<0.013	<0.013	<0.015	<0.014	<0.017	<0.015	<0.021	<0.013	<0.015
TB-9;S-11	09/24/02	27.5-29.5	<0.018	<0.013	<0.013	<0.014	<0.013	<0.014	<0.012	<0.014	<0.014	<0.012	<0.011	<0.013	<0.012	<0.015	<0.013	<0.018	<0.012	<0.013
TB-9;S-15	09/24/02	40.5-42	<0.019	<0.014	<0.014	<0.015	<0.014	<0.013	<0.013	<0.015	<0.015	<0.013	<0.012	<0.014	<0.013	<0.016	<0.014	<0.019	<0.013	<0.014
MW-2;S-1	09/24/02	10-12	0.470	0.200	1.100	<0.150	<0.140	<0.120	<0.130	<0.150	<0.150	<0.120	0.280	0.680	<0.130	5.500	3.700	**0.910**	**4.800**	1.400
MW-2A;S-4	09/24/02	27.5-29.5	<0.018	<0.014	<0.013	<0.015	<0.014	<0.012	<0.013	<0.014	<0.015	<0.012	<0.012	<0.014	<0.013	<0.015	<0.013	0.042	<0.012	<0.013
MW-2A;S-11	09/24/02	45-47	<0.020	<0.015	<0.014	<0.016	<0.015	<0.013	<0.014	<0.016	<0.016	<0.013	<0.013	<0.015	<0.014	<0.017	<0.014	<0.020	<0.013	<0.014
WDNR Suggested RCLs - Groundwater Pathway			38	0.7	3,000	17	48	360	6,800	870	37	38	500	100	680	23	20	0.4	1.8	8,700
WDNR Suggested RCLs - Non-Industrial Direct Contact Pathway (0-4 feet bgs)			900	18	5,000	0.088	0.0088	0.088	1.8	0.88	8.8	0.0088	600	600	0.088	1,100	600	20	18	500

Notes: All values are in parts per million

BOLD	Indicates result exceeds the WDNR suggested RCLs - groundwater pathway (WDNR Pub. RR-519-97)
ITALIC	Indicates result exceeds the WDNR suggested RCLs - non-industrial direct contact pathway (WDNR Pub. RR-519-97)

bgs - below the ground surface
PAH - polycyclic aromatic hydrocarbons
RCLs - residual contaminant levels
WDNR - Wisconsin Department of Natural Resources

TABLE 4

Groundwater Elevation Data
Somsen Oil Company
Clear Lake, Wisconsin

MW-1			**MW-2A**		
Surface Elevation		NM	**Surface Elevation**		NM
Top of Casing Elevation		0.00	**Top of Casing Elevation**		0.00
Top of Screen Elevation		14.47	**Top of Screen Elevation**		33.81
Bottom of Screen Elevation		29.47	**Bottom of Screen Elevation**		48.81
Measurement Date	DTW (casing)	Groundwater Elevation	Measurement Date	DTW (casing)	Groundwater Elevation
06/27/02	29.33	NE	Installed 09/24/02		
09/11/02	DRY	NE			
Abandoned 10/10/02			10/10/02	37.62	NE
			11/12/02	37.67	NE

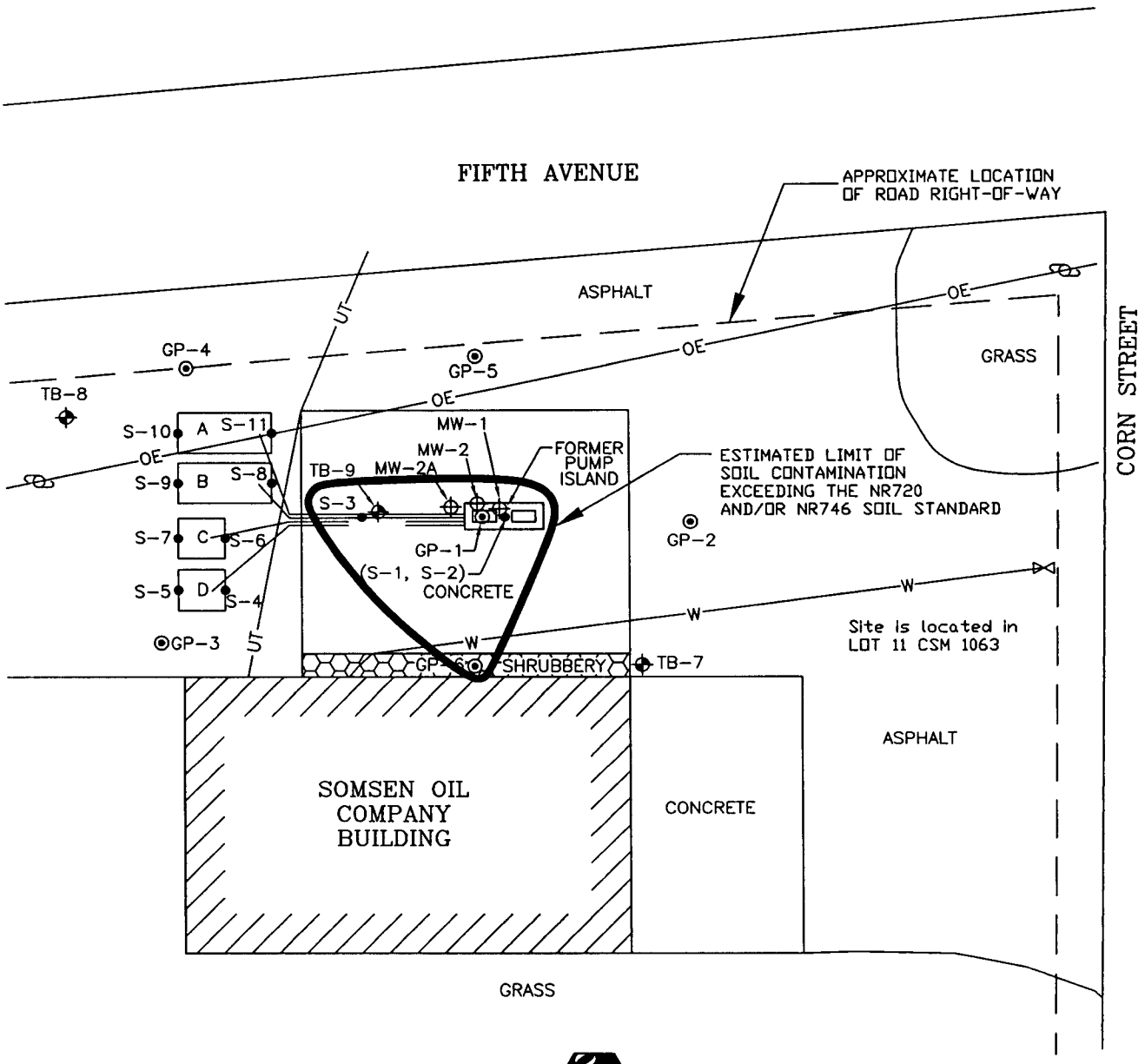
Note: DTW - depth to water (from top of casing)
Wells were not surveyed
NM - Not measured
NE - Not established

LEGEND

- UTILITY POLE
- WATER SHUT-OFF
- —OE— OVERHEAD ELECTRIC LINE
- —UT— UNDERGROUND TELEPHONE LINE
- —W— WATER LINE
- GEOPROBE BORING
- SOIL SAMPLE
- TEST BORING
- MONITORING WELL

TANK LEGEND

- A FORMER 2,000-GALLON KEROSENE UST
- B FORMER 2,000-GALLON LEADED GASOLINE UST
- C FORMER 1,000-GALLON UNLEADED GASOLINE UST
- D FORMER 1,000-GALLON DIESEL UST



ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

1285 Rudy Street
Onalaska, Wisconsin 54650

SCALE

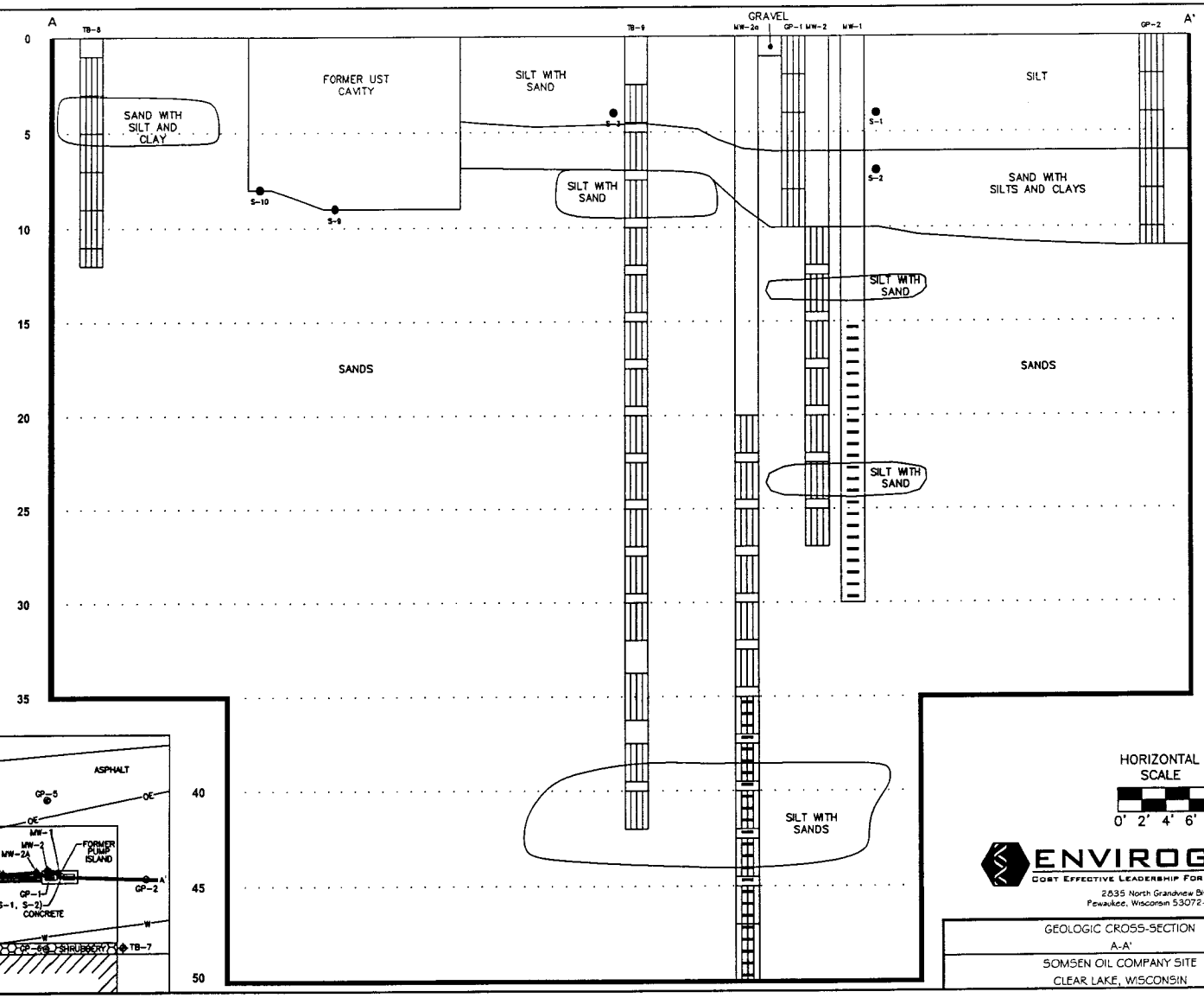
0 10' 20'

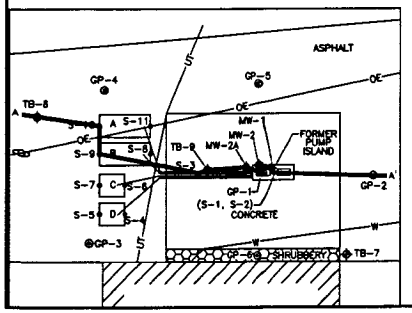
SOIL CONTAMINATION DISTRIBUTION

SOMSEN OIL COMPANY SITE
CLEAR LAKE, WISCONSIN

FIGURE NO. 5

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:	REVISIONS:	ENGINEER	DATE	ENGINEER	DATE
990407-05	PCE	09/02/03						





HORIZONTAL SCALE

0' 2' 4' 6' 8'

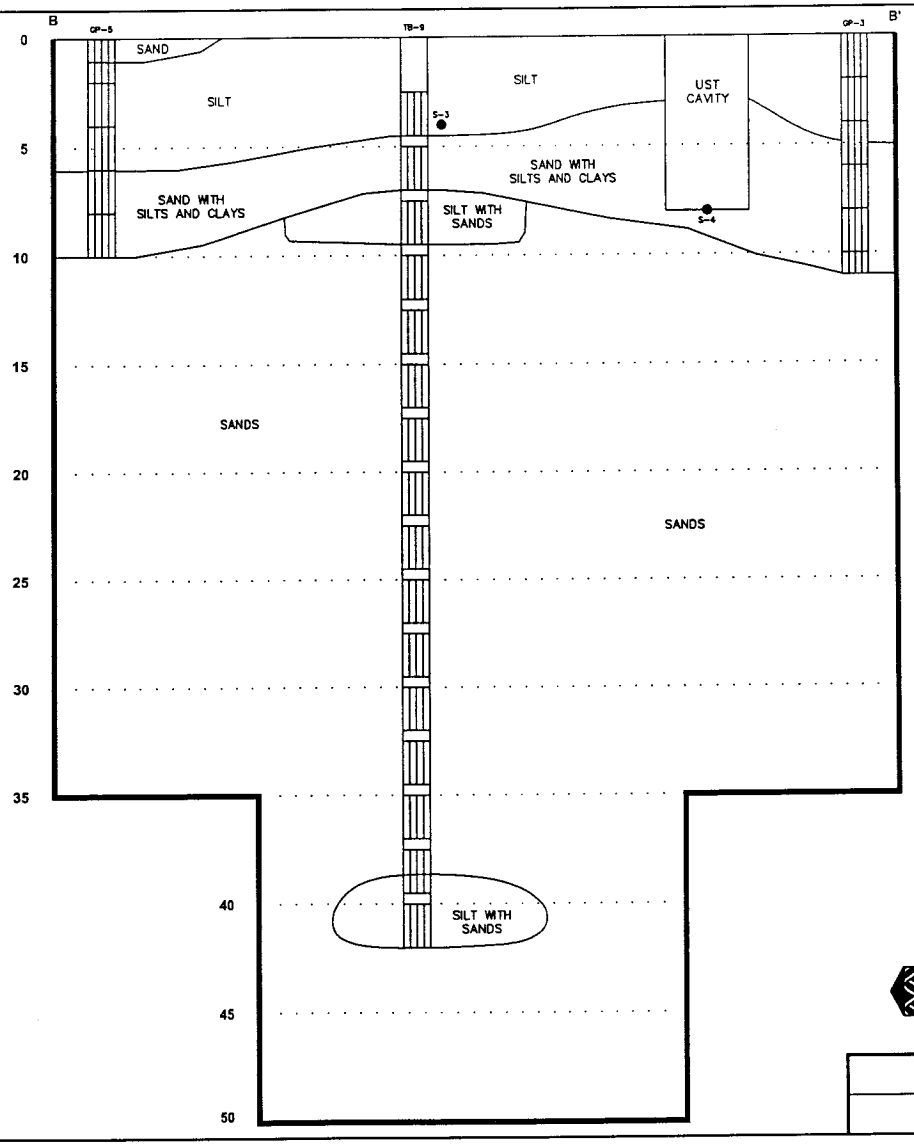
ENVIROGEN

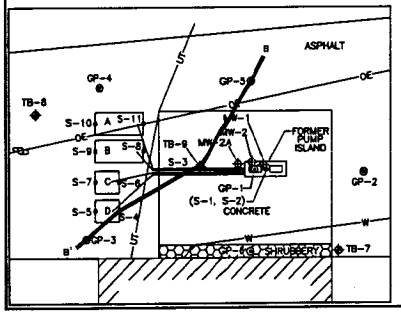
COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

GEOLOGIC CROSS-SECTION A-A' SOMSEN OIL COMPANY SITE CLEAR LAKE, WISCONSIN	FIGURE NO. 3

DRAWING NO.	990407-03
DRAWN BY:	PJT
	03/06/03
CHECKED BY:	
APPROVED BY:	
REVISIONS:	
ENGINEER	
DATE	
ENGINEER	
DATE	





HORIZONTAL SCALE

0' 2' 4' 6' 8'

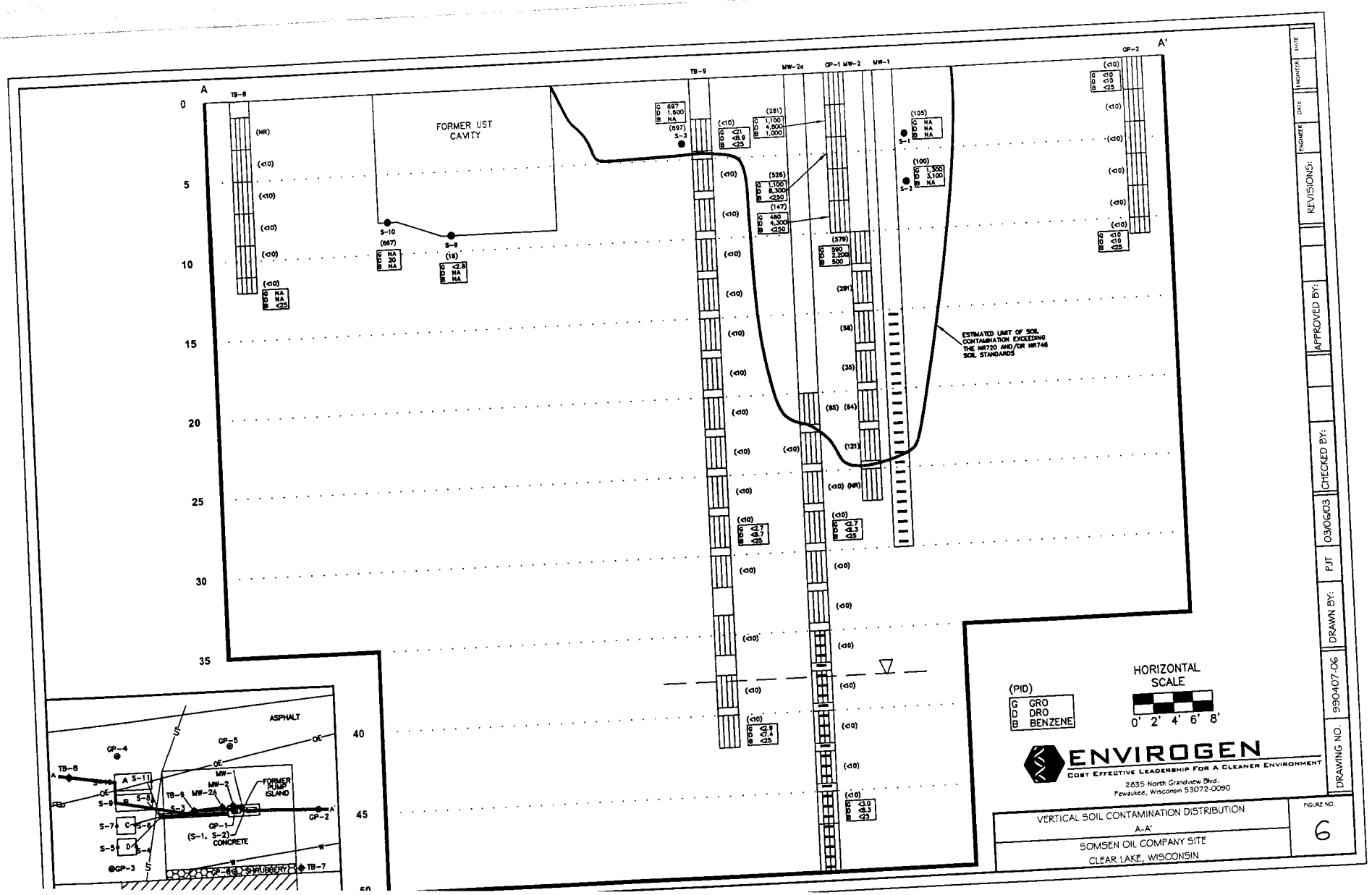
ENVIROGEN

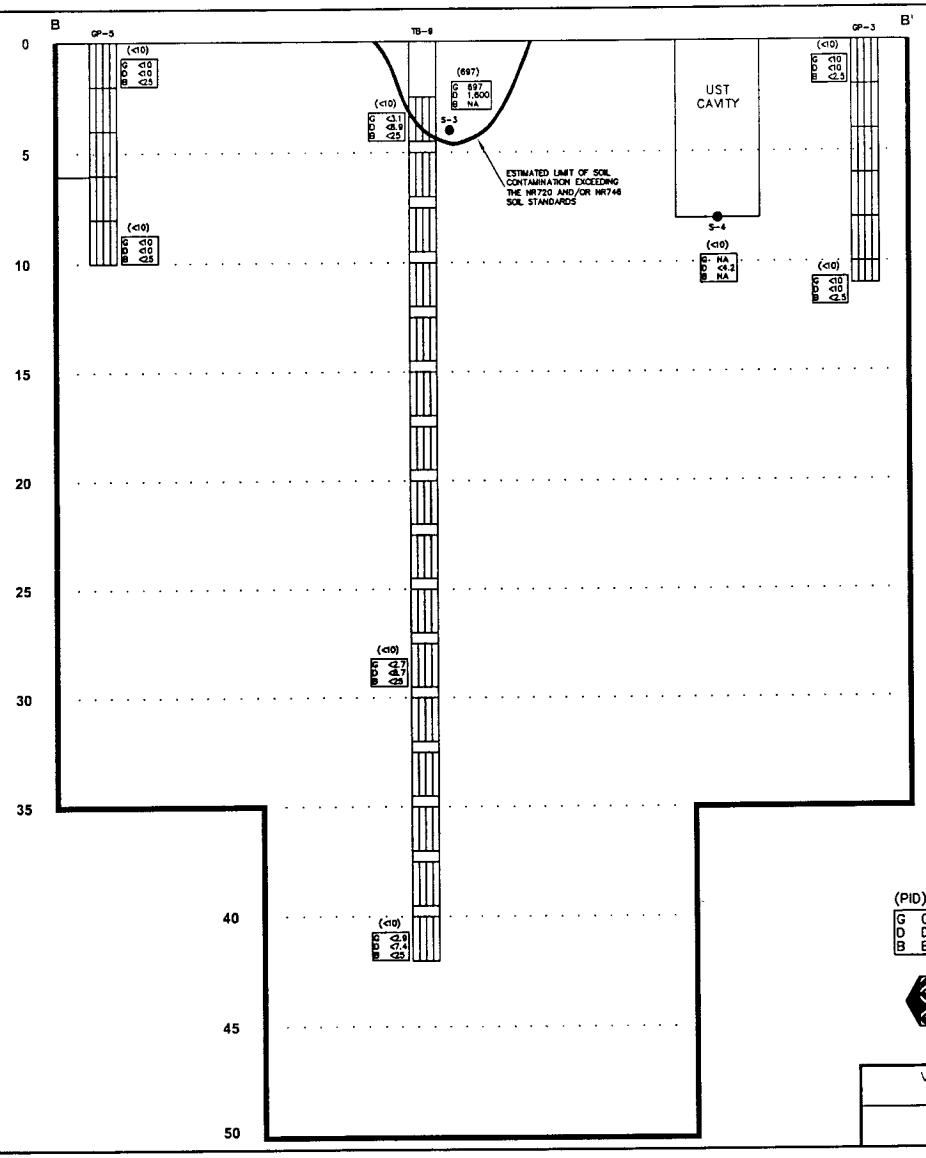
COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

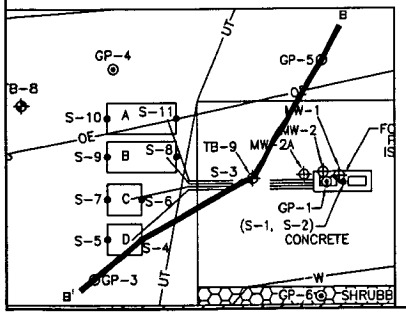
2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

GEOLOGIC CROSS-SECTION B-B' SOMSEN OIL COMPANY SITE CLEAR LAKE, WISCONSIN	FIGURE NO. 4

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:	REVISIONS:	ENGINEER	DATE	ENGINEER	DATE
990407-04	PJT	03/06/03						


A
A'
TB-8
TB-9
MW-2a
GP-1
MW-2
MW-1
GP-2
FORMER UST CAVITY
S-10
S-9
S-3
S-1
S-2
ESTIMATED LIMIT OF SOIL CONTAMINATION EXCEEDING THE NR720 AND/OR NR746 SOIL STANDARDS
(PID)
G GRO
D DRO
B BENZENE
HORIZONTAL SCALE
0' 2' 4' 6' 8'
ASPHALT
GP-4
GP-5
GP-3
TB-7
MW-1
MW-2
MW-2A
FORMER PUMP ISLAND
GP-1
(S-1, S-2)
CONCRETE
SHRUBBERY
ENVIROGEN
COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT
2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090
VERTICAL SOIL CONTAMINATION DISTRIBUTION
A-A'
SOMSEN OIL COMPANY SITE
CLEAR LAKE, WISCONSIN
FIGURE NO.
6
DRAWING NO.
990407-06
DRAWN BY:
PJT
03/06/03
CHECKED BY:
APPROVED BY:
REVISIONS:
ENGINEER
DATE
ENGINEER
DATE





(PID)

G GRO
D DRO
B BENZENE

HORIZONTAL SCALE

0' 2' 4' 6' 8'

ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

VERTICAL SOIL CONTAMINATION DISTRIBUTION
B-B'
SOMSEN OIL COMPANY SITE
CLEAR LAKE, WISCONSIN

FIGURE NO. 7

DRAWING NO.	990407-07
DRAWN BY:	PJT
	03/06/03
CHECKED BY:	
APPROVED BY:	
REVISIONS:	
ENGINEER	DATE
ENGINEER	DATE

I David L. Somsen, Responsible Party (RP) for petroleum underground storage tank clean-up at Somsen Oil Company site in Clear Lake, Wisconsin, do hereby certify that to the best of my knowledge the legal descriptions included are complete and accurate.

Mr. Dave Somsen

7/14/03
Date

RECEIVED
JUL 15 2003