GIS REGISTRY INFORMATION

SITE NAME:	The Boat House Pub & Eatery						
BRRTS #:	03-30-150920	**FID # (if appropriate):**					
COMMERCE # (if appropriate):	53140-3348-27						
CLOSURE DATE:	September 27, 2002						
STREET ADDRESS:	4927 7th Ave						
CITY:	Kenosha						
SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):	**X =**	698861	**Y =**	237698			
CONTAMINATED MEDIA:	Groundwater		Soil		Both	X	
OFF-SOURCE GW CONTAMINATION >ES:		**Yes**		**No**	X		
• **IF YES, STREET ADDRESS:**							
• **GPS COORDINATES (meters in WTM91 projection):**	**X =**		**Y =**				
OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):		**Yes**		**No**	X		
• **IF YES, STREET ADDRESS 1:**							
• **GPS COORDINATES (meters in WTM91 projection):**	**X =**		**Y =**				
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.**	X
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)	
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	
Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure*	

ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
101 West Pleasant Street, Suite 100A
Milwaukee, Wisconsin 53212-3963
TDD #: (608) 264-8777
Fax #: (414) 220-5374
http://www.commerce.state.wi.us
http://www.wisconsin.gov
Scott McCallum, Governor
Philip Edw. Albert, Secretary

Wisconsin
Department of Commerce

September 27, 2002

Mr. Jim Matzur
Boathouse Pub & Eatery
4927 7Th Ave.
Kenosha, WI 53140

RE: **Final Closure**

Commerce # 53140-3348-27 WDNR BRRTS # 03-30-150920
The Boat House Pub & Eatery, 4927 7th Ave., Kenosha

Dear Mr. Matzur:

The Wisconsin Department of Commerce (Commerce) has received all items required for closure of the site referenced above. This site 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 at your site. If residual contamination is encountered in the future, appropriate measures must be implemented to assure that it is managed following all applicable regulations. If future site conditions indicate that any remaining contamination poses a threat, and subsequent information indicates a need to reopen this case, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

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 (414) 220-5375.

Sincerely,

Greg Michael
Hydrogeologist
Site Review Section

cc: Environgen, Inc.
Case File

DOCUMENT NO.

STATE BAR OF WISCONSIN FORM 3 — 1982
QUIT CLAIM DEED

THIS SPACE RESERVED FOR RECORDING DATA

89 1 6 1 3

VOL 1501 PAGE 423

REGISTER'S OFFICE
KENOSHA COUNTY, WI

APR 10 9 46 AM '92

REGISTER OF DEEDS

Villa Marine

quit-claims to James Matzur & Dean Van Daalwyk

the following described real estate in Kenosha County, State of Wisconsin:

RETURN TO Villa Marine
4927 - 7 Ave., Kenosha, 53140

Tax Parcel No:

FEE 15 EXEMPT

PARCEL I:
The north 7.26 feet of lot 1, block 74, and all of lot 10, block 73 in the northeast quarter of section 31, township 2 north of range 23 east of the fourth principal meridian, lying and being in the city of Kenosha, county of Kenosha and state of Wisconsin; EXCEPTING THEREFROM that part of lot 10, block 73 of the Original Town of Southport in the northeast quarter of section 31-2-23, lying and being in the city of Kenosha, Kenosha county, Wisconsin, and being more particularly described as: Beginning on the south line of lot 1, block 74, if extended east into block 73, at a point 193.71 feet east from the east line of 7th Avenue; thence east along the extension of the said south line of lot 1, 25 feet, more or less, to the southeast corner of the said south line of lot 1 with the northerly line of lot 10, block 73, if extended east; thence westerly along the northerly line of lot 10, if extended 25 feet; thence [illegible] to the point of beginning. Together with the right to use the alley located on the north side of the above described premises, being all that portion of alley [illegible] the building as presently located, as created by [illegible] certain deed recorded in the office of the Register of Deeds for Kenosha county, Wisconsin, in volume 70 of deeds, page 334.

PARCEL II:
A part of lot 1 in block 74 in the northeast quarter of section 31, in town 2 north of range 23 east of the fourth principal meridian, and more particularly described as follows, viz: Commencing at the southeast corner of said lot 1 in block 74; thence north on the west line of said lot 7.26 feet and to the intersection of the aforesaid west line of said lot with the east line of 5th Avenue; thence [illegible] degrees 00 minutes east along the aforesaid east line of 5th Avenue 18.26 feet; thence south 84 degrees 34 minutes [illegible] feet; thence south 59 degrees 27 minutes east [illegible] the south line of the aforesaid lot 1; thence [illegible] feet to the place of beginning, and being in the city of Kenosha, county of Kenosha, Wisconsin.

Tax Key No. 12-4-[illegible]

This is not (is) (is not) homestead property.

Dated this 25th day of March, 1992

VILLA MARINE

James Matzur (SEAL)

By: James Matzur

Dean Van Daalwyk (SEAL)

By: Dean Van Daalwyk

AUTHENTICATION

Signature(s)

authenticated this day of, 19

TITLE: MEMBER STATE BAR OF WISCONSIN

(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
James Matzur

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
Kenosha County.

Personally came before me this 25th day of March, 1992 the above named James Matzur and Dean Van Daalwyk of Villa Marine

to me known to be the person S who executed the foregoing instrument and acknowledge the same.

Anna Marie De Franco

Anna Marie De Franco

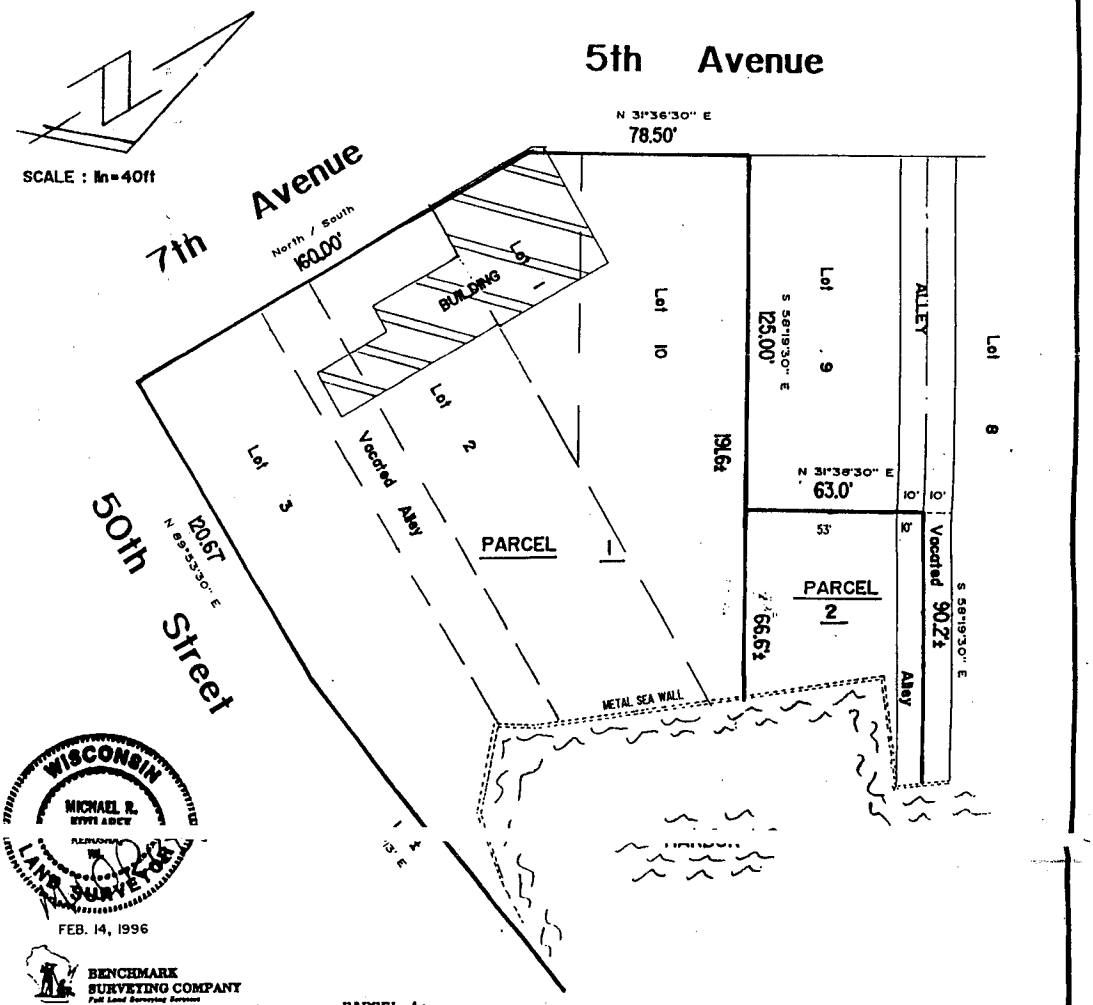
Notary Public Kenosha County, Wis.
My Commission is permanent. (If not, state expiration date: Sept. 4th, 1994)

*Names of persons signing in any capacity should be typed or printed below their signatures.

H.C. Miller

STATE BAR OF WISCONSIN FORM No. 3 — 1982

Stock No. 13003



WISCONSIN
MICHAEL R. KOWALSKI
LAND SURVEYOR

FEB. 14, 1996

BENCHMARK SURVEYING COMPANY
Full Land Surveying Services

SURVEY FOR: Jim Matzur

PARCEL 1:
Lot 10, Block 73 and Lots 1, 2, 3 and all land lying between said lots 2 and 3 in Block 74 , all in the Original Town of Southport, being part of the Northeast Quarter of Section 31, Town 2 North, Range 23 East of the Fourth Principal Meridian, excepting therefrom that part of said land Lot 3 deeded to the City of Kenosha described as a triangular strip of land commencing at a point on the South line of Lot 3, 120.67 feet East of the East line of 7th Avenue; thence East on the South line of Lot 3, 152.25 feet to the West shore of Pike Creek; thence North along the West shore of Pike Creek, 21 feet; thence Westerly 148.9 feet to the point of beginning. Said land lying and being in the City of Kenosha, County of Kenosha and State of Wisconsin.

PARCEL 2:
Part of Lot 9 in Block 73, together with part of the Southerly 1/2 of Vacated Alley adjacent to the Northerly line of said Lot all in the Original Town of Southport, being part of the Northeast Quarter of Section 31, Town 2 North, Range 23 East of the Fourth Principal Meridian, and more particularly described as follows: Beginning on the South line of said Lot at a point which is 125 feet from the Easterly line of 5 th Avenue, as measured along the South line of said Lot; thence Northeasterly and parallel to the Easterly line of 5th Avenue 63 feet to the center line of Vacated Alley thence; thence Southeasterly along said center line and its extension to the edge of the Kenosha Harbor; thence South westerly along the Westerly edge of said Harbor and to the extension of the Southerly line of said Lot 9; thence Westerly along the Southerly line of said Lot and the extension, to the point of beginning. Said land lying and being in the City of Kenosha, County of Kenosha and State of Wisconsin.

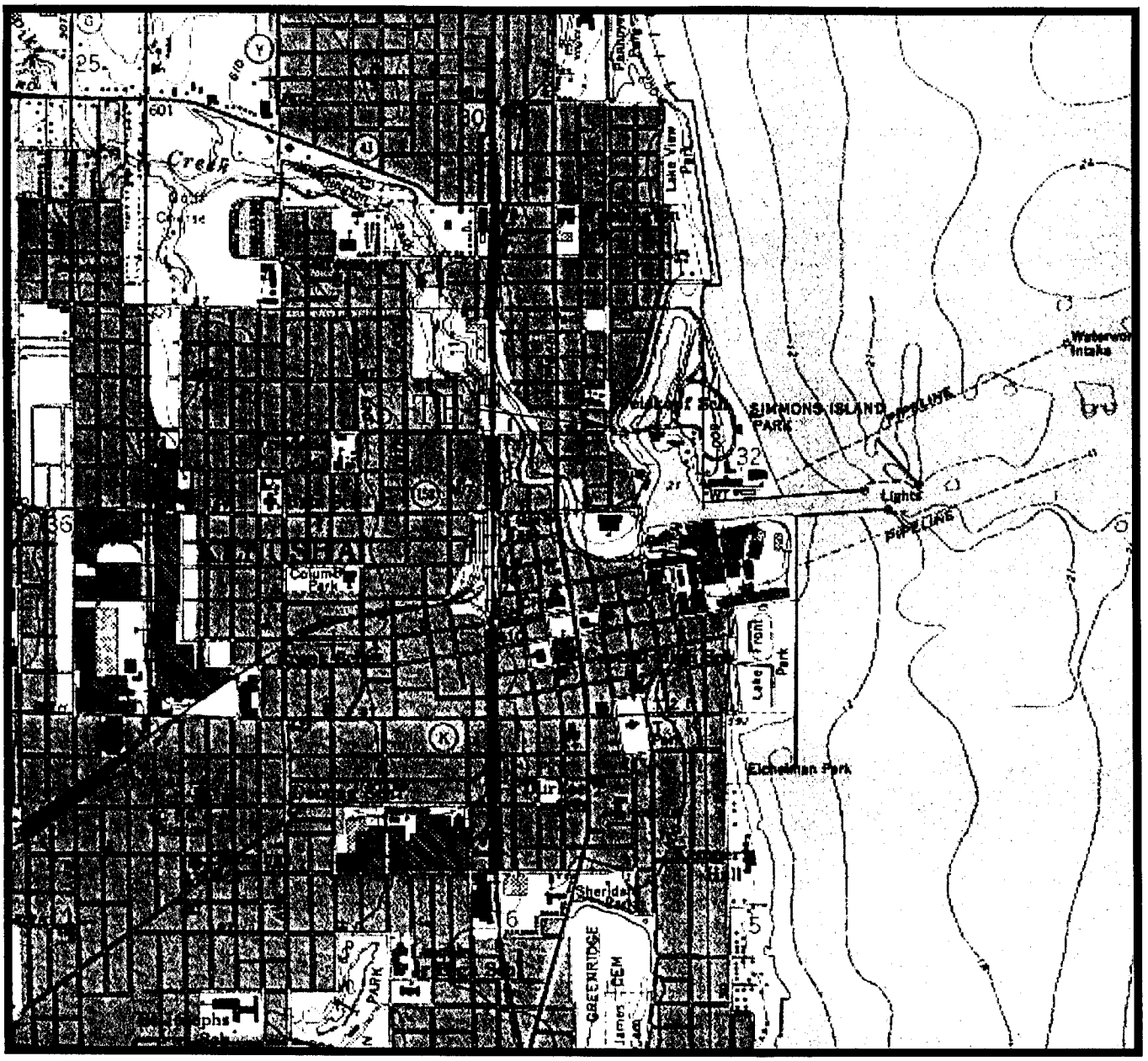
I hereby certify that this plat of survey is approved by the Department of City Development as being in compliance with Chapter 17 of the City Code of General Ordinances.

CITY PLANNER [signature] Date 3/7/96

Parcel I.D. #

Parcel I - 12-223-31-102-052

Parcel II - 12-223-31-102-053



SCALE
1:24000

1/2 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET

N

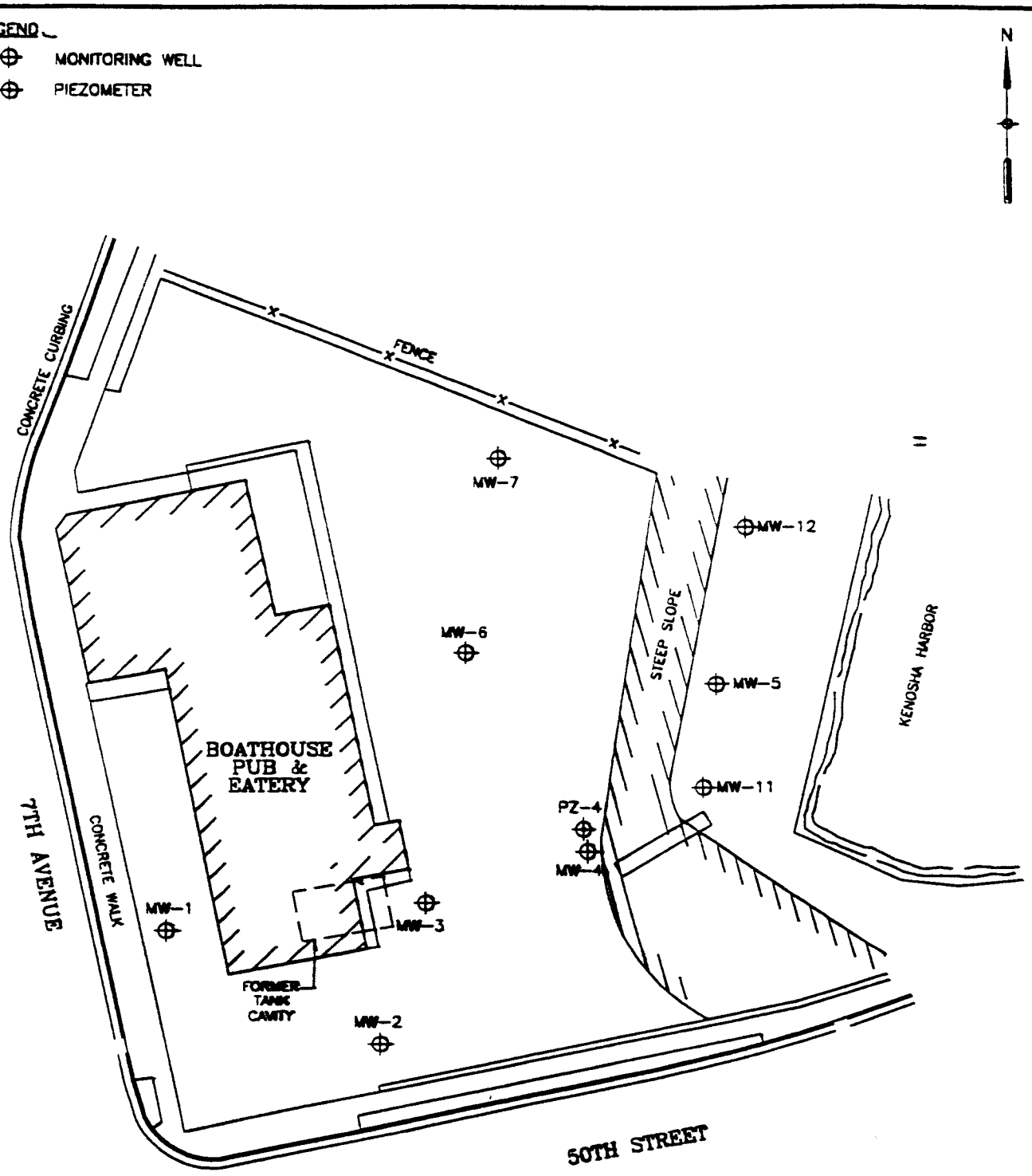
(USGS [1958] 1971, 1994)
KENOSHA QUADRANGLE

LOCATION

ENVIROGEN
COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT
2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

SITE LOCATION MAP THE BOATHOUSE PUB & EATERY SITE KENOSHA, WISCONSIN	FIGURE NO. 1

DRAWING NO.	960442TOPO
DRAWN BY:	PJT
	06/19/02
CHECKED BY:	
APPROVED BY:	
REVISIONS:	
ENGINEER	
DATE	
ENGINEER	
DATE	



ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

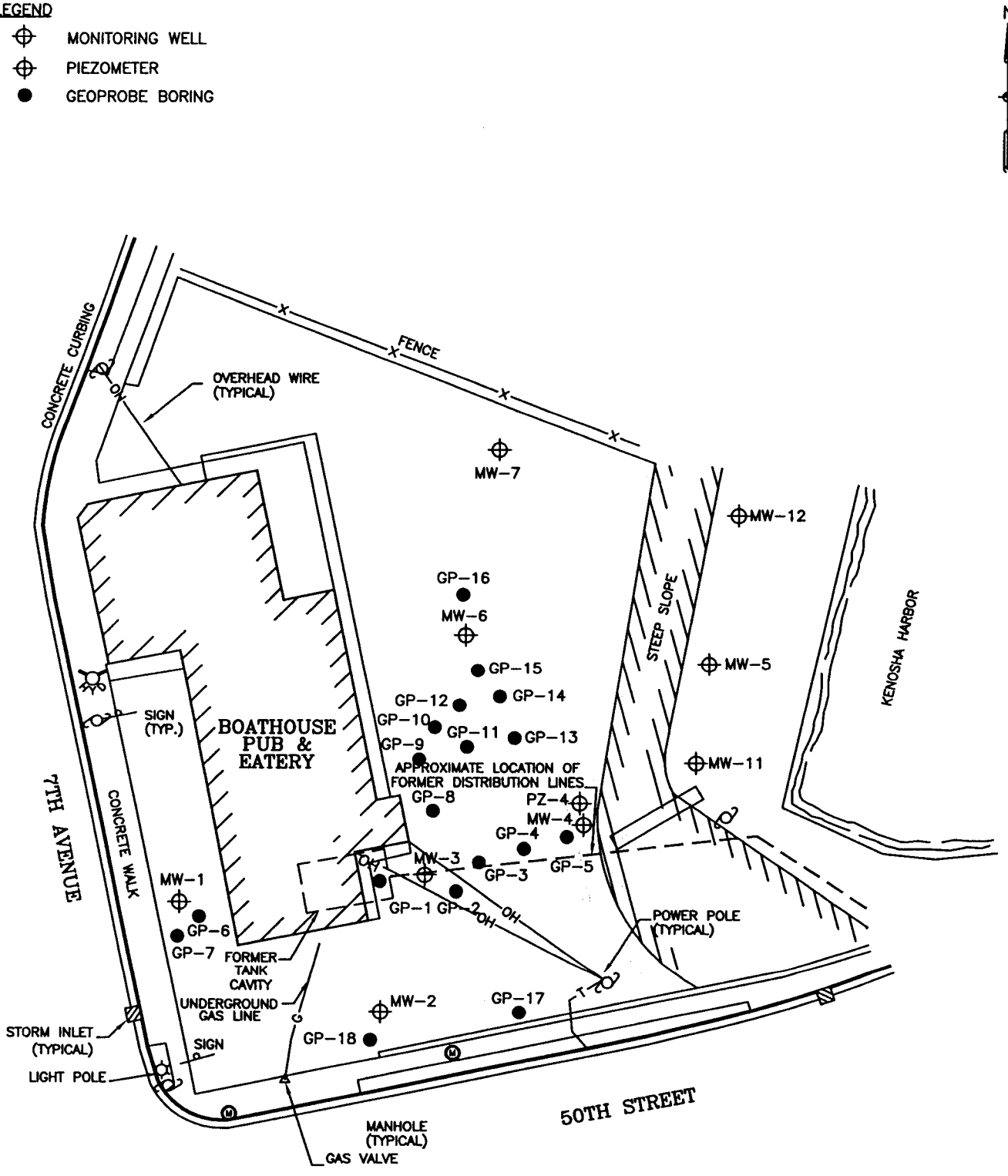
2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

SCALE

0 10' 20' 30' 40'

SITE PLAN VIEW	FIGURE NO. 2
THE BOATHOUSE PUB & EATERY SITE KENOSHA, WISCONSIN	

DRAWING NO.	96.4421102
DRAWN BY:	KRT
	11/30/01
CHECKED BY:	
APPROVED BY:	
REVISIONS:	
ENGINEER	DATE
ENGINEER	DATE



ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

SCALE

0 10' 20' 30' 40'

SITE PLAN VIEW AND GEOPROBE/ MONITORING WELL LOCATION MAP

THE BOATHOUSE PUB & EATERY SITE

KENOSHA, WISCONSIN

FIGURE NO. 2

DRAWING NO.	96.442L102
DRAWN BY:	PJT
	05/07/02
CHECKED BY:	
APPROVED BY:	
REVISIONS:	
ENGINEER	DATE
ENGINEER	DATE

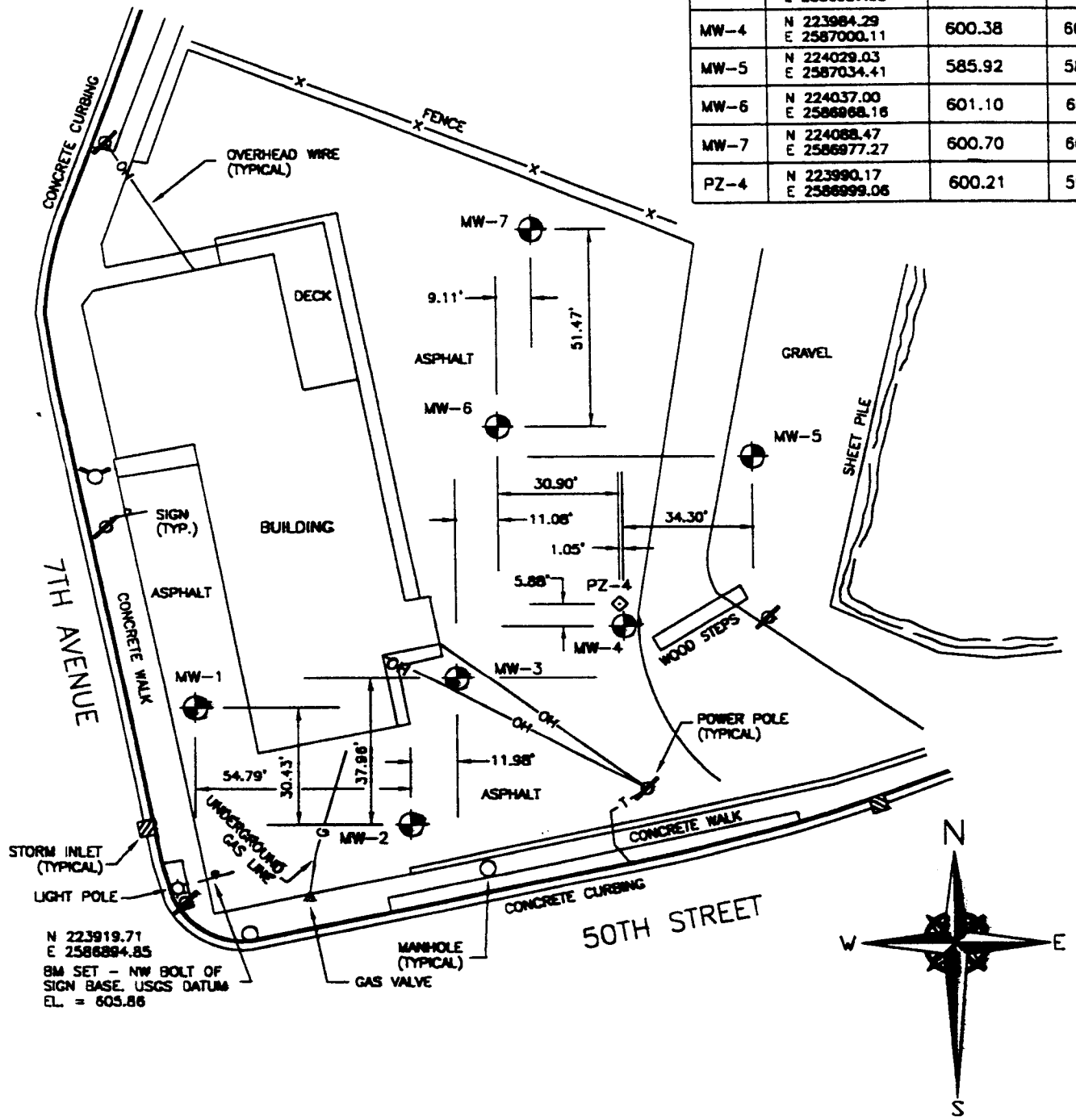
MONITORING WELL LOCATION MAP

FOR THE BOATHOUSE PUB AND EATERY PROPERTY, LOCATED AT
4927 7TH AVENUE, KENOSHA, WISCONSIN

PREPARED BY
WELCH, HANSON AND ASSOC., INC.
W219 E. WISCONSIN AVE.
NASHOTAH, WI 53058
(414) 367-4225

PREPARED FOR
FLUID MANAGEMENT, INC.

WELL	COORDINATES	WELL ELEVATION	TOP OF PVC CASING ELEV.
MW-1	N 223963.07 E 2586890.31	605.80	605.51
MW-2	N 223932.64 E 2586945.10	604.43	604.17
MW-3	N 223970.60 E 2586957.08	602.87	602.59
MW-4	N 223984.29 E 2587000.11	600.38	600.09
MW-5	N 224029.03 E 2587034.41	585.92	585.59
MW-6	N 224037.00 E 2586968.16	601.10	600.81
MW-7	N 224088.47 E 2586977.27	600.70	600.49
PZ-4	N 223990.17 E 2586999.06	600.21	599.80



SCALE: 1" = 40'

F.M.I. PROJECT NO. 96.442
W.H. PROJECT NO. 11579

TABLE 3

Summary of Groundwater Quality Analytical Data
The Boathouse Pub and Eatery Site
Kenosha, Wisconsin

Sample Location	Sample Date	Parameters										
		Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naph-thalene	1,2-DCA	GRO	Lead (ppm)
MW-1	12/18/97	<0.10	<0.25	<0.20	<0.25	<0.10	<0.10	<0.25	<0.10	<0.25	<50	<0.00089
	5/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/3/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/99	<0.26	<0.24	<0.21	<1.34	<0.86	<0.54	<0.22	NA	NA	NA	NA
	10/26/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/12/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	10/05/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	12/27/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	3/15/01	<0.39	<0.4	<0.37	<1.43	<0.4	<0.63	<0.47	<0.53	<0.35	NA	NA
MW-2	12/18/97	0.16	0.74	<0.20	1.7	1.1	0.44	*32*	0.27	<0.25	<50	<0.00089
	5/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/3/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/99	0.29	<0.24	0.23	<1.34	<0.86	<0.54	11	NA	NA	NA	NA
	10/26/99	<0.26	<0.24	<0.21	<1.34	<0.86	<0.54	12	NA	NA	NA	NA
	7/12/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	12.3	<8.0	<0.5	NA	NA
	10/03/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	5.86	<8.0	<0.5	NA	NA
	12/27/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	3.35	<8.0	<0.5	NA	NA
	3/15/01	<0.39	<0.4	<0.37	<1.43	<0.4	<0.63	2	<0.53	<0.35	NA	NA
MW-3	12/18/97	**730**	*140*	*900*	740	*36*	*28*	**11,000**	<10	<25	<50	<0.00089
	5/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/3/99	**200**	5.7	5.2	7.2	14	<1.5	**17,000**	NA	NA	NA	NA
	7/29/99	**160**	24	<21	<134	<86	<54	**11,000**	NA	NA	NA	NA
	10/26/99	**49**	16	<10	<66	<43	<27	**7,800**	NA	NA	NA	NA
	7/12/00	**157**	35.5	5.07	9.84	7.3	<5.0	**5,470**	<8.0	1.43	NA	NA
	10/03/00	**50.8**	11.8	<5.0	<5.0	<5.0	<5.0	**5,690**	<8.0	<0.5	NA	NA
	12/27/00	**34.6**	8.39	<5.0	<5.0	<5.0	<5.0	**5,710**	<8.0	2.31	NA	NA
	3/15/01	**21**	<20	<19	<72	<20	<32	**3,600**	<27	<18	NA	NA
NR 140 PAL		0.5	140	200	1,000	96*		12	8	0.5	NS	1.5
NR 140 ES		5	700	1,000	10,000	480*		60	40	5	NS	15

(Continued)

Notes: Results are in ppb unless otherwise noted

Bold: exceedence of NR 140 Enforcement Standard (ES)

Italics: exceedence of NR 140 Preventive Action Limit (PAL)

(*): Standard is for combined 1,2,4-TMB and 1,3,5-TMB

MTBE: Methyl t-butyl ether
TMB: Trimethylbenzene
PAL: Preventive Action Limit
NA: Not analyzed/applicable
DCA: Dichloroethane
ES: Enforcement Standard
NI: Not Installed
NS: No Standard
ppm: parts per million
ppb: parts per billion

Checked by:_____ Approved by:_____

TABLE 3
(Continued)

Summary of Groundwater Quality Analytical Data
The Boathouse Pub and Eatery Site
Kenosha, Wisconsin

Sample Location	Sample Date	Parameters										
		Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naph-thalene	1,2-DCA	GRO	Lead (ppm)
MW-4	12/18/97	**2,300**	<250	180	<250	<100	<100	**180,000**	<100	<250	120,000	<0.00089
	5/21/98	NA	NA	NAN	NA	NA	NA	NA	NA	NA	NA	NA
	3/3/99	**1,900**	<4.4	18	16	5.1	<5.8	**59,000**	NA	NA	32,000	NA
	7/29/99	**2,800**	<60	<52	<332	<220	<140	**24,000**	NA	NA	NA	NA
	10/26/99	**1,700**	<48	<42	<264	<170	<110	**15,000**	NA	NA	NA	NA
	7/12/00	**2,460**	68.7	16	41.9	11.3	22.5	**14,200**	**170**	<0.5	NA	NA
	10/03/00	**1,820**	24.6	7.85	7.46	<5.0	<5.0	**9,280**	**97.2**	<0.5	NA	NA
	12/27/00	**1,840**	30.4	9	28.4	<5.0	8.41	**10,200**	<8.0	<0.5	NA	NA
	3/15/01	**1,500**	<20	<19	<72	<20	<32	**4,500**	78	<18	NA	NA
MW-5	12/18/97	75	<25	3	<25	<10	<10	**5,700**	<10	<25	3,100	<0.00089
	5/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/3/99	16	<0.22	0.55	1.2	<0.22	<0.29	**750**	NA	NA	NA	550
	7/29/99	57	<4.8	<4.2	<26.4	<17	<11	**1,500**	NA	NA	NA	NA
	10/26/99	**48**	<6.0	<5.2	<33.2	<22	<14	**3000**	NA	NA	NA	NA
	7/12/00	**31.7**	<5.0	<5.0	<5.0	<5.0	<5.0	**506**	<8.0	<0.5	NA	NA
	10/03/00	9	<5.0	<5.0	<5.0	<5.0	<5.0	**488**	<8.0	<0.5	NA	NA
	12/27/00	**40.7**	<5.0	<5.0	<5.0	<5.0	<5.0	**850**	<8.0	<0.5	NA	NA
	3/15/01	19	<0.4	<0.37	2.04	<0.4	<0.63	**500**	<0.53	<0.35	NA	NA
MW-6	12/18/97	<0.10	<0.25	<0.20	<0.25	<0.10	<0.10	0.39	0.59	<0.25	<50	<0.00089
	5/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/3/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/99	<0.26	<0.24	<0.21	<1.34	<0.86	<0.54	<0.22	NA	NA	NA	NA
	10/26/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/12/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	10/03/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	12/27/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	3/15/01	<0.39	<0.4	<0.37	<1.43	<0.4	<0.63	<0.47	<0.53	<0.35	NA	NA
NR 140 PAL		0.5	140	200	1,000	96*		12	8	0.5	NS	1.5
NR 140 ES		5	700	1,000	10,000	480*		60	40	5	NA	15

(Continued)

Notes: Results are in ppb unless otherwise noted

Bold: exceedence of NR 140 Enforcement Standard (ES)

Italics: exceedence of NR 140 Preventive Action Limit (PAL)

(*): Standard is for combined 1,2,4-TMB and 1,3,5-TMB

MTBE: Methyl t-butyl ether
TMB: Trimethylbenzene
PAL: Preventive Action Limit
NA: Not analyzed/applicable
DCA: Dichloroethane
ES: Enforcement Standard
NI: Not Installed
NS: No Standard
ppm: parts per million
ppb: parts per billion

Checked by:_____ Approved by:_____

TABLE 3
(Continued)

Summary of Groundwater Quality Analytical Data
The Boathouse Pub and Eatery Site
Kenosha, Wisconsin

Sample Location	Sample Date	Parameters										
		Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naph-thalene	1,2-DCA	GRO	Lead (ppm)
MW-7	12/18/97	<0.10	<0.25	<0.20	<0.25	<0.10	<0.10	<0.25	<0.10	<0.25	<50	<0.00089
	5/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	3/3/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/99	<0.26	<0.24	<0.21	<1.34	<0.86	<0.54	<0.22	NA	NA	NA	NA
	10/26/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/12/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	10/03/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	12/27/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	3/15/01	<0.39	<0.4	<0.37	<1.43	<0.4	<0.63	<0.47	<0.53	<0.35	NA	NA
MW-11	12/18/97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NI	NI
	5/21/98	NA	NA	NA	NA	NA	NA	NA	NA	NA	NI	NI
	3/3/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NI	NI
	7/29/99	**310**	<30	<26	<166	<110	<68	**14,000**	NA	NA	11,000	NA
	10/26/99	**480**	<60	<52	<332	<220	<140	**19,000**	NA	NA	NA	NA
	7/12/00	**361**	<5.0	<5.0	21.1	<5.0	10.2	**3,900**	**18.5**	<0.5	NA	NA
	10/03/00	**394**	<5.0	5.17	10.8	<5.0	11.5	**13,900**	**27.2**	<0.5	NA	NA
	12/27/00	**578**	7.25	8.51	35.3	5.81	14.5	**12,300**	<8.0	<0.5	NA	NA
	3/15/01	**480**	<20	<19	<72	<20	<32	**13,000**	<27	<18	NA	NA
MW-12	12/18/97	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
	5/21/98	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
	3/3/99	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI	NI
	7/29/99	<0.26	<0.24	<0.21	<1.34	<0.86	<0.54	<0.22	NA	NA	<50	NA
	10/26/99	<0.26	<0.24	<0.21	<1.34	<0.86	<0.54	<0.22	NA	NA	NA	NA
	7/12/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	10/03/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	12/27/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<0.5	<8.0	<0.5	NA	NA
	3/15/01	<0.39	<0.4	<0.37	<1.43	<0.4	<0.63	<0.47	<0.53	<0.35	NA	NA
PZ-4	12/18/97	0.12	<0.25	0.23	<0.25	<0.10	<0.10	**240**	<0.10	<0.25	140	<0.00089
	5/21/98	0.37	<0.22	<0.20	0.34	<0.22	<0.29	**64**	NA	NA	NA	NA
	3/3/99	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	7/29/99	*0.85*	<0.24	<0.21	<1.34	<0.86	<0.54	*19*	NA	NA	NA	NA
	10/26/99	<0.26	<0.24	<0.21	<1.34	<0.86	<0.54	*16*	NA	NA	NA	NA
	7/12/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	2.81	<8.0	<0.5	NA	NA
	10/03/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	10.4	<8.0	<0.5	NA	NA
	12/27/00	<0.5	<5.0	<5.0	<5.0	<5.0	<5.0	*13.6*	<8.0	<0.5	NA	NA
	3/15/01	<0.39	<0.4	<0.37	<1.43	<0.4	<0.63	9	<0.53	<0.35	NA	NA
NR 140 PAL		0.5	140	200	1,000	96*		12	8	0.5	NA	1.5
NR 140 ES		5	700	1,000	10,000	480*		60	40	5	NS	15

(Continued)

Notes: Results are in ppb unless otherwise noted

Bold: exceedence of NR 140 Enforcement Standard (ES)

Italics: exceedence of NR 140 Preventive Action Limit (PAL)

(*): Standard is for combined 1,2,4-TMB and 1,3,5-TMB

MTBE: Methyl t-butyl ether
TMB: Trimethylbenzene
PAL: Preventive Action Limit
NA: Not analyzed/applicable
DCA: Dichloroethane
ES: Enforcement Standard
NI: Not Installed
NS: No Standard
ppm: parts per million
ppb: parts per billion

Checked by: _____ Approved by: _____

TABLE 2

Soil Sample Analytical Data

The Boathouse Pub and Eatery Site
Kenosha, Wisconsin

Sample Number	GP-1	GP-5	GP-6	GP-7	GP-12	GP-15	GP-17	GP-18	MW-3	MW-5	MW-7	PZ-4	NR 720 Generic Soil Standard	NR 746 Table 1 Soil Screening Standard	NR 746 Table 2 Direct Contact Soil Standard
Sample Date	10/27/97				10/28/97				11/13/97						
Depth (feet bls)	(13-15)	(23-25)*	(15-17)*	(15-17)*	(16-18)*	(16-18)*	(12-14)	(12-14)*	(1-3)	(3-5)	(13-15)	(38-40)*			
GRO (mg/kg)	**4,100**	**580**	4.6	4.9	<3.0	**200**	14	3.2	NA	<2.9	<3.2	<2.9	100	NS	NS
Lead (mg/kg)	31	6.6	4	8.6	17	**52**	24	8.4	43	**95**	15	11	50	NS	NS
PVOCs															
Benzene	**24,000**	**1,300**	<25	<25	<25	<25	**78**	<25	**40**	<25	<25	<25	5.5	8,500	1,100
Ethylbenzene	**110,000**	<100	75	<25	<25	<25	<25	<25	57	<25	<25	<25	2,900	4,600	NS
Toluene	**220,000**	160	<25	<25	<25	<25	48	<25	50	<25	<25	<25	3,100	NS	NS
Xylenes	**520,000**	<200	<50	<50	<50	31	140	<50	136	<50	<50	<50	4,100	38,000	NS
1,2,4-TMB	**250,000**	<100	<25	<25	<25	36	<25	<25	<25	<25	<25	<25	NS	83,000	NS
1,3,5-TMB	**81,000**	610	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NS	11,000	NS
MTBE	3,500	**47,000**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	NS	4,200	NS
Naphthalene	**29,000**	NA	220	NA	<25	NA	NA	<25	NA	NA	<25	<25	NS	2,700	NS
1,2-DCA	<1000	<100	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	4.9	600	540

Notes:

Concentrations in milligrams per kilogram (mg/kg) unless otherwise noted
BOLD indicates value equals or exceeds applicable standards

bls: below land surface
GRO: gasoline range organics
DCA: Dichloroethane
MTBE: Methyl t-butyl ether
TMB: Trimethylbenzene
GP: geoprobe
NA: Not analyzed
NS: No standard
ppm: parts per million
(*): Soil sample collected below the water table

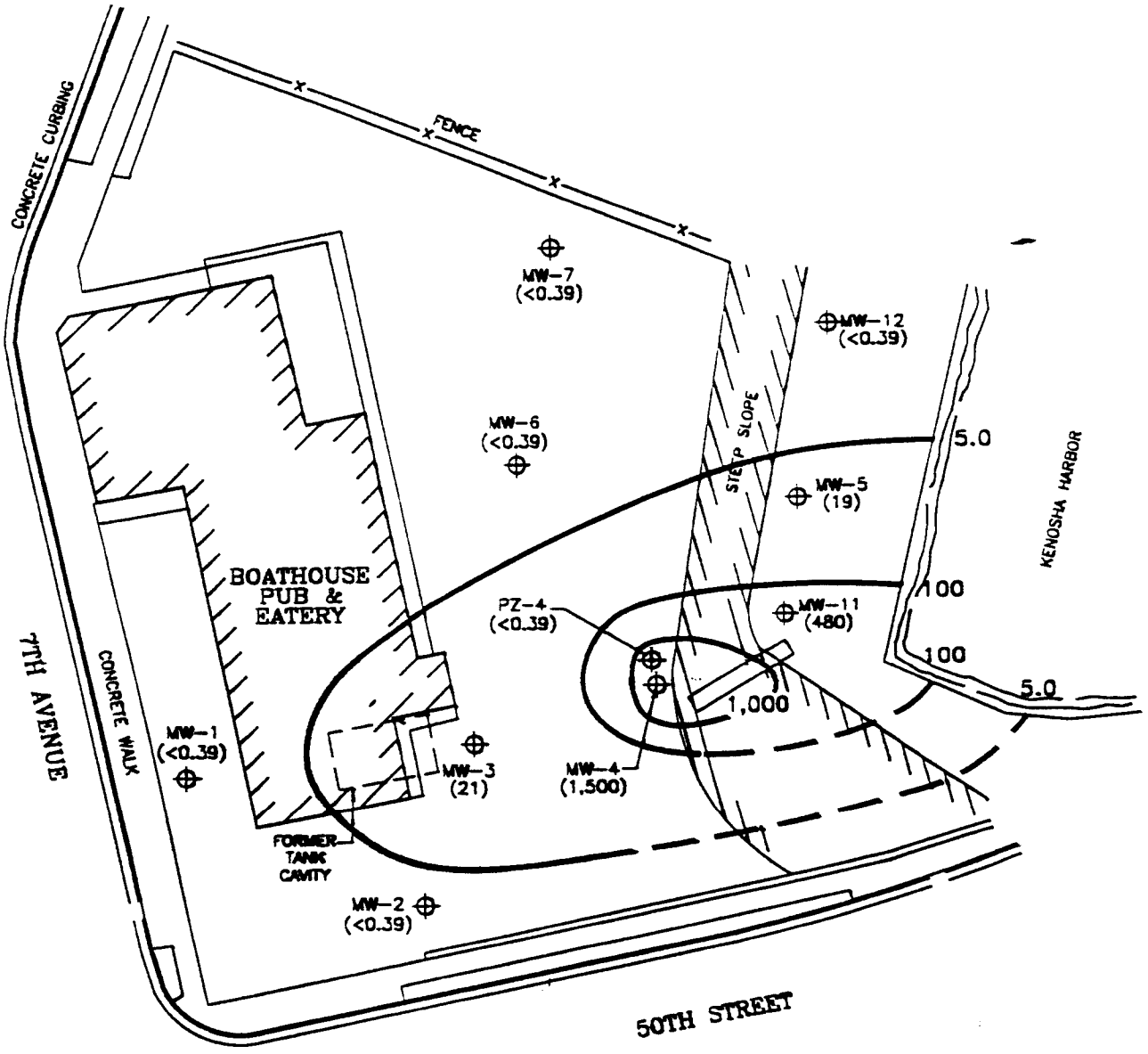
Checked by:_____ Approved by:_____

NOTES:

PIEZOMETER DATA NOT USED FOR CONTOURING.
MW-3 IS NOT USED FOR CONTOURING.

LEGEND

- MONITORING WELL
- PIEZOMETER
- ( ) BENZENE CONCENTRATION IN ppb
- 5.0 ISOCONCENTRATION CONTOUR DASHED WHERE INFERRED



ENVIROGEN
COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT
2835 North Grandview Blvd.
Waukesha, Wisconsin 53072-0050

SCALE
0 10' 20' 30' 40'

GROUNDWATER BENZENE DISTRIBUTION
(03/15/01)
THE BOATHOUSE PUB & EATERY SITE
KENOSHA, WISCONSIN

FIGURE NO. 4

DRAWING NO.	96.442L104
DRAWN BY:	RRT
	11/30/01
CHECKED BY:	
APPROVED BY:	
REVISIONS:	
ENGINEER	DATE
ENGINEER	DATE

TABLE 1

Groundwater Elevation Data

The Boathouse Pub and Eatery Site
Kenosha, Wisconsin

Date	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		MW-7		MW-11		MW-12		PZ-4	
	TOC Elev= 605.51		TOC Elev= 604.17		TOC Elev= 602.59		TOC Elev= 600.09		TOC Elev= 585.59		TOC Elev= 600.81		TOC Elev= 600.49		TOC Elev= 586.08		TOC Elev= 584.67		TOC Elev= 599.80	
	ft to water	Elev.	ft to water	Elev.	ft to water	Elev.	ft to water	Elev.	ft to water	Elev.	ft to water	Elev.	ft to water	Elev.	ft to water	Elev.	ft to water	Elev.	ft to water	Elev.
12/18/97	8.49	597.02	9.31	594.86	18.21	584.38	16.62	583.47	580.99	4.60	14.73	586.08	15.44	585.05	NM	-	NM	-	580.43	19.37
5/21/98	NM	-	NM	-	NM	-	NM	-	-	NM	NM	-	NM	-	NM	-	NM	-	580.46	19.34
3/3/99	NM	-	NM	-	10.48	592.11	16.16	583.93	582.05	3.54	NM	-	NM	-	NM	-	NM	-	-	NM
7/29/99	8.01	597.50	7.20	596.97	10.45	592.15	15.73	584.36	581.81	3.78	14.48	586.33	15.19	585.30	3.58	582.5	1.34	583.33	580.27	19.53
10/26/99	NS	-	7.26	596.91	10.49	592.10	16.39	583.70	581.48	4.11	14.86	585.93	15.36	585.13	3.77	582.31	2.31	582.36	580.30	19.50
7/12/00	7.77	597.74	6.98	597.19	10.09	592.50	15.43	584.66	582.29	3.30	14.04	586.77	14.67	585.82	3.49	582.59	0.50	584.17	580.41	19.39
10/3/00	7.83	597.68	6.96	597.21	10.35	592.24	16.00	584.09	582.05	3.54	14.25	586.56	14.91	585.58	3.62	582.46	1.80	582.87	580.29	19.51
12/27/00	8.1	597.41	7.26	596.91	10.52	592.07	16.47	583.62	581.64	3.95	15.25	585.56	15.65	584.84	3.86	582.22	2.24	582.43	580.37	19.43
3/15/01	7.95	597.56	7.09	597.08	10.28	592.31	16.33	583.76	582.20	3.39	14.76	586.05	14.85	585.64	3.54	582.54	1.43	583.24	580.14	19.66

Notes: All elevations referenced to feet above mean sea level (MSL)
NM: Not measured
TOC: Top of Well Casing
MW: Monitoring Well
PZ: Piezometer
Elev: Elevation
Ft: Feet

Checked by: Approved by:

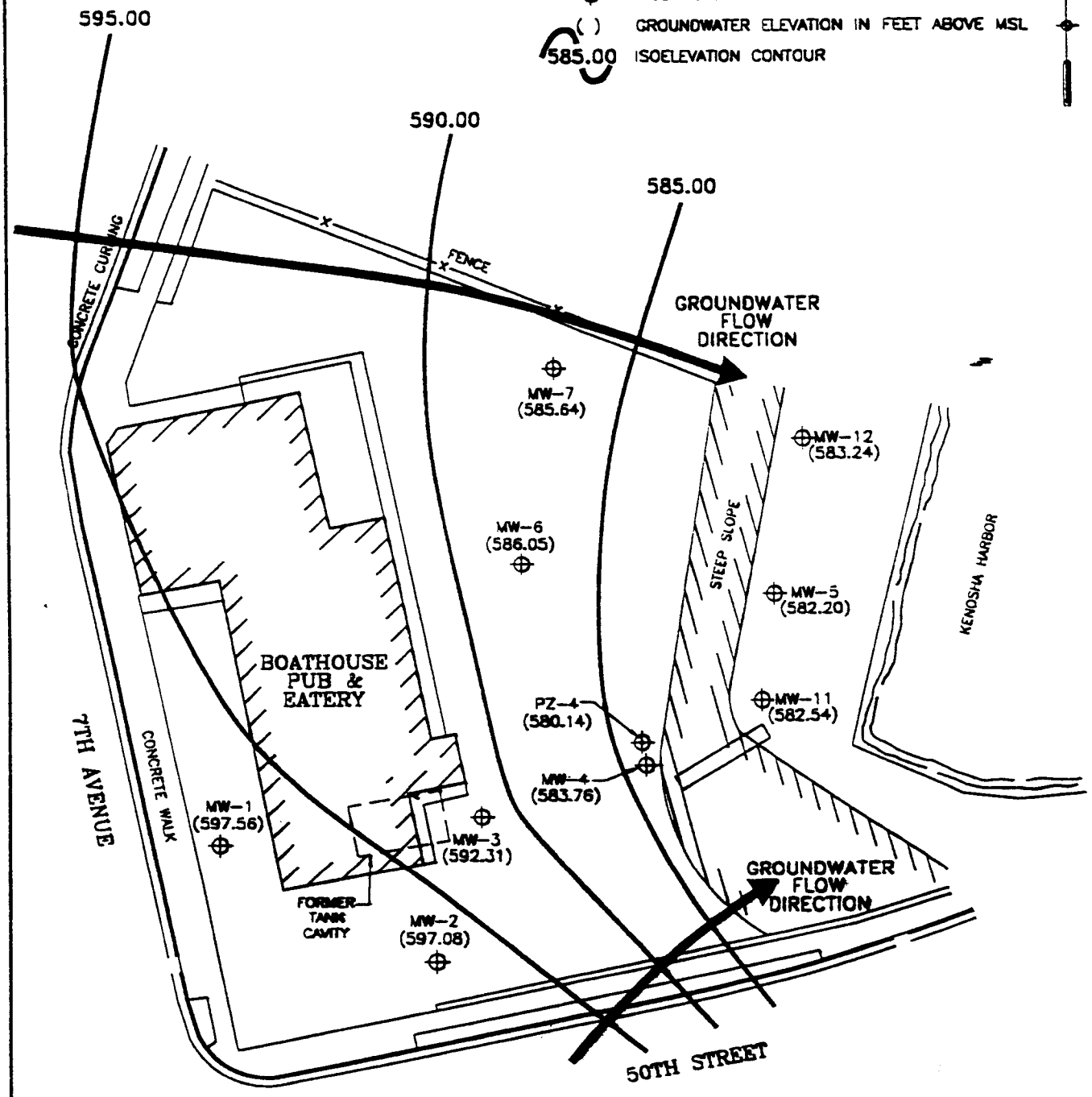
NOTE:

PIEZOMETER DATA NOT USED FOR CONTOURING.

LEGEND

- MONITORING WELL
- PIEZOMETER
- ( ) GROUNDWATER ELEVATION IN FEET ABOVE MSL
- 585.00 ISOELEVATION CONTOUR

N



ENVIROGEN

COST EFFECTIVE LEADERSHIP FOR A CLEANER ENVIRONMENT

2835 North Grandview Blvd.
Pewaukee, Wisconsin 53072-0090

SCALE

0 10' 20' 30' 40'

POTENTIOMETRIC SURFACE MAP (03/15/01)	FIGURE NO. 3
THE BOATHOUSE PUB & EATERY SITE KENOSHA, WISCONSIN	

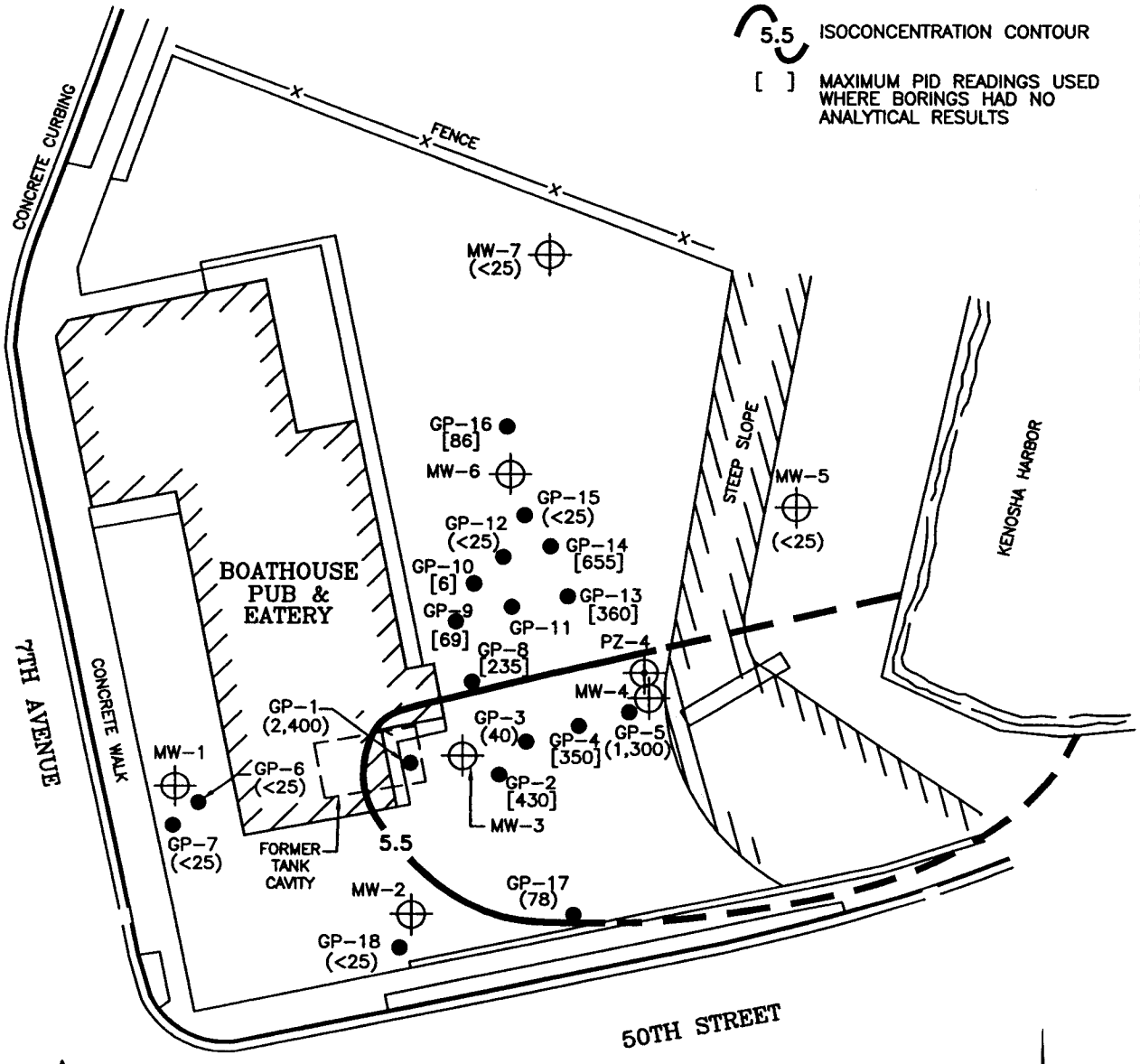
DRAWING NO.	96.442L103
DRAWN BY:	RRT
DATE	11/30/01
CHECKED BY:	
APPROVED BY:	
REVISIONS:	
ENGINEER	
DATE	
ENGINEER	
DATE	

NOTES: THE NR720 GENERIC SOIL STANDARD FOR BENZENE IS 5.5 ppb.

SOIL BENZENE DISTRIBUTION CONTOUR IS BASED ON LABORATORY ANALYTICAL RESULTS.

LEGEND

- MONITORING WELL
- PIEZOMETER
- GEOPROBE BORING
- ( ) CONCENTRATION IN ppb
- 5.5 ISOCONCENTRATION CONTOUR
- [ ] MAXIMUM PID READINGS USED WHERE BORINGS HAD NO ANALYTICAL RESULTS



Fluid Management
A Division of ENVIROGEN, Inc.

N

SCALE

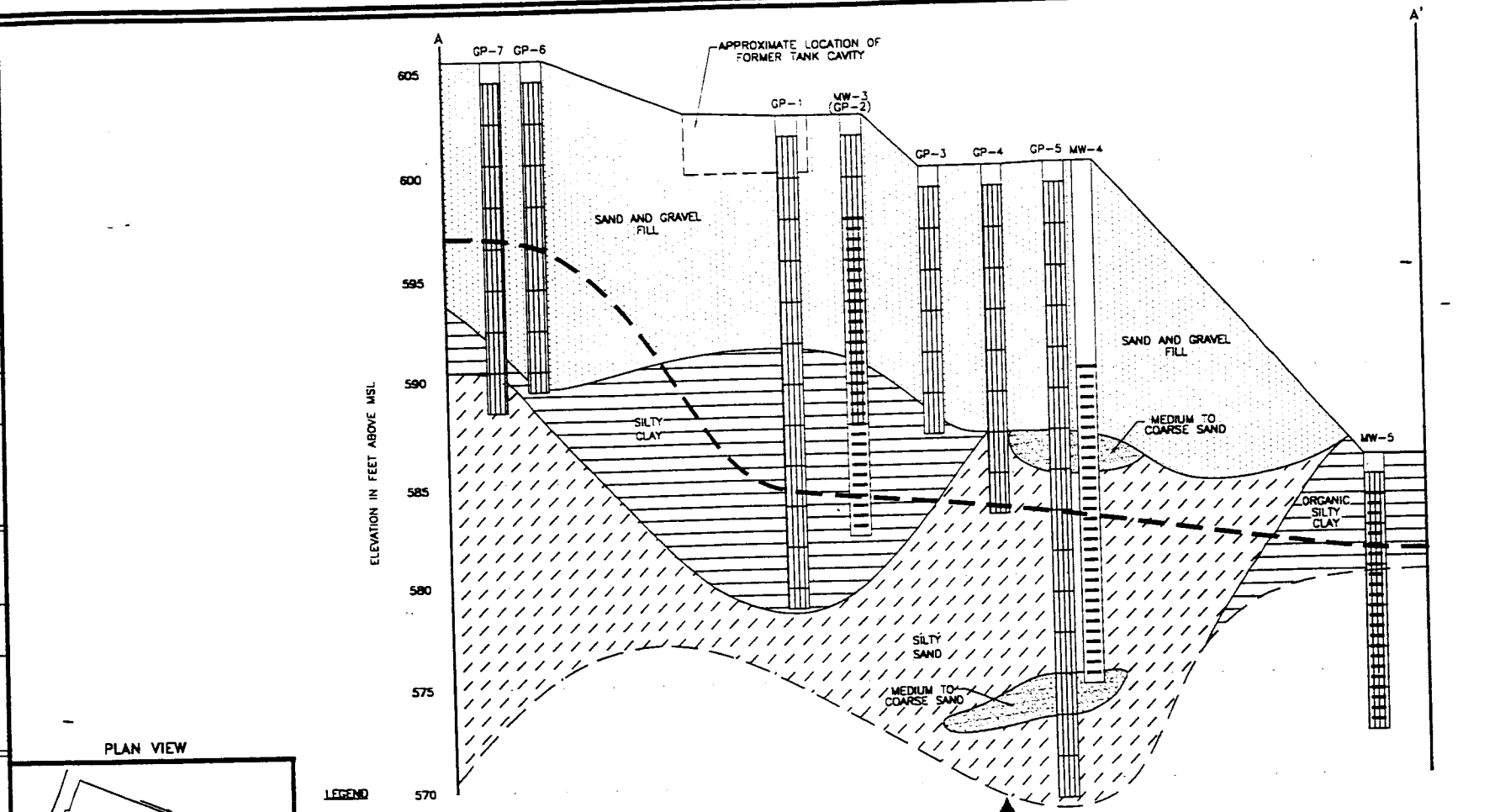
0 10' 20' 30' 40'

Soil Benzene Distribution
The Boathouse Pub & Eatery Site
Kenosha, Wisconsin

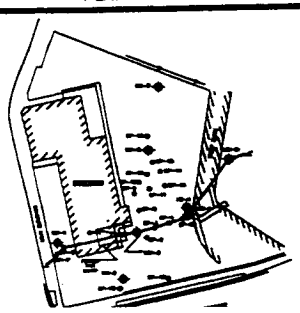
FIGURE NO. 9

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:
96.442R9	LME	3/19/98	

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.



PLAN VIEW



LEGEND

- SAMPLE INTERVAL
- SCREENED INTERVAL
- GROUNDWATER TABLE (12/18/97)

HORIZONTAL SCALE

0 10' 20'

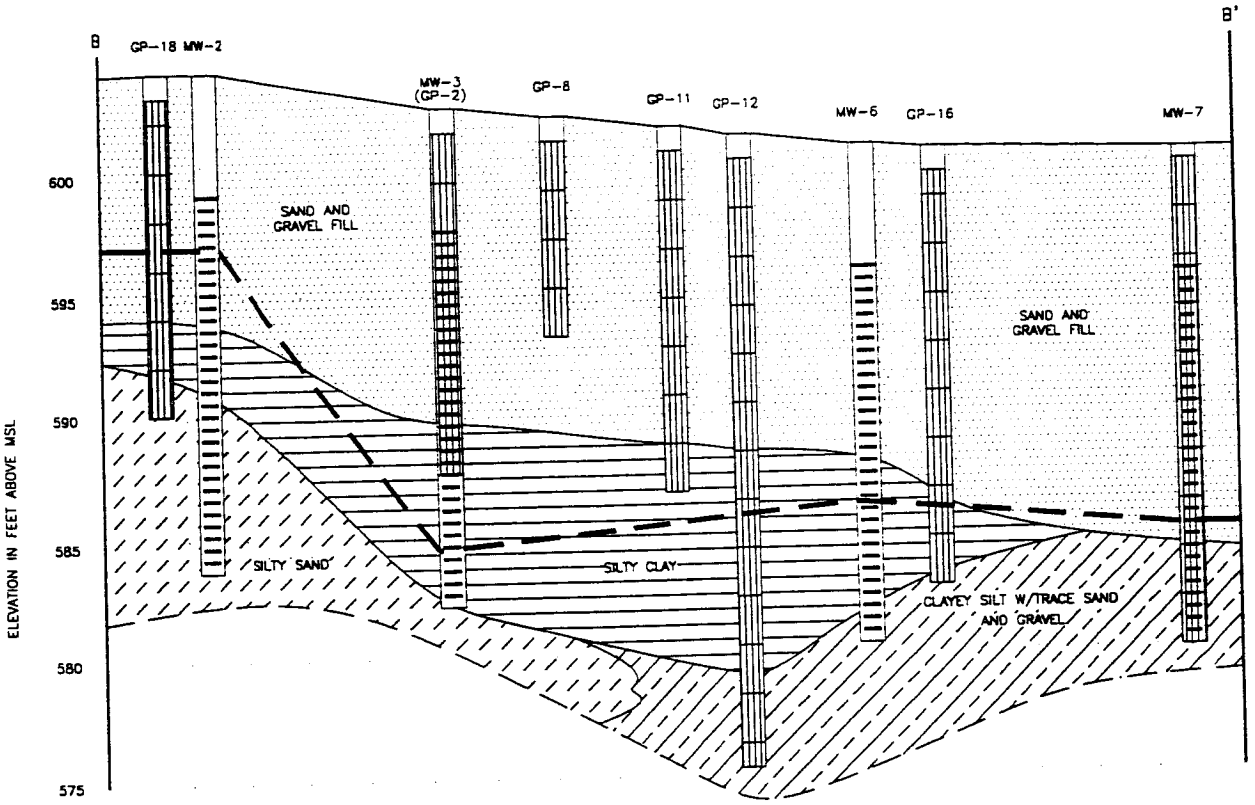
Fluid Management
A Division of ENVIROGEN, Inc.

Geologic Cross-Section A-A'
The Boathouse Pub & Eatery Site
Kenosha, Wisconsin

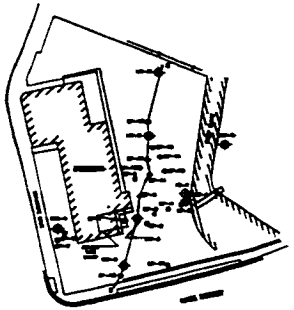
FIGURE NO. 7

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:
96.442R7	LME	3/18/98	

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTENDED TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.



PLAN VIEW



LEGEND

- SAMPLE INTERVAL
- SCREENED INTERVAL
- GROUNDWATER TABLE (12/18/97)

HORIZONTAL SCALE
0 10' 20'

Fluid Management
A Division of ENVIROGEN, Inc.

Geologic Cross-Section B-B'
The Boathouse Pub & Eatery Site
Kenosha, Wisconsin

FIGURE NO. 8

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:
96.442R8	LME 3/18/98		

THE INTERPRETATIONS IN THIS FIGURE ARE BASED ON KNOWN POINTS IN TIME AND SPACE AND ARE INTEGRAL TO A WRITTEN REPORT AND SHOULD BE REVIEWED IN THAT CONTEXT.

RECEIVED
SEP 2 4 2002

I Jim Matzur, Responsible Party (RP) for the Boathouse Pub & Eatery site located in Kenosha, Wisconsin, do hereby certify that to the best of my knowledge the legal descriptions included within this report are complete and accurate.

Jim Matzur

Date 9/17/02