23 Dec 04

GIS REGISTRY INFORMATION

SITE NAME: South Shore Yacht Club

BRRTS #: 03-41-107254 **FID # (if appropriate):** 241144060

COMMERCE # (if appropriate):

CLOSURE DATE: August 31, 2004

STREET ADDRESS: 2300 East Nock Street

CITY: Milwaukee

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): **X=** 692594 **Y=** 282738

CONTAMINATED MEDIA: Groundwater [X] Soil [ ] Both [ ]

OFF-SOURCE GW CONTAMINATION >ES: [ ] Yes [X] No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): [ ] Yes [X] No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): **X=** **Y=**

CONTAMINATION IN RIGHT OF WAY: [ ] Yes [X] No

DOCUMENTS NEEDED:

- [X] **Closure Letter, and any conditional closure letter issued**
- [X] **Copy of most recent deed, including legal description, for all affected properties**
- [ ] **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)**
- [ ] **SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour**
- [ ] **Geologic cross-sections, *if required for SI.*** (8.5x14' if paper copy)
- [X] **RP certified statement that legal descriptions are complete and accurate**
- [ ] **Copies of off-source notification letters (if applicable)**
- [ ] **Letter informing ROW owner of residual contamination (if applicable)**(public, highway or railroad ROW)
- [X] **Copy of (soil or land use) deed restriction(s) or deed notice *if any required as a condition of closure***

WISCONSIN
DEPT. OF NATURAL RESOURCES

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
Telephone 414-263-8500
FAX 414-263-8606
TTY 414-263-8713

August 21, 2003

Mr. Gary Mattson
South Shore Yacht Club
2300 East Nock Street
Milwaukee, WI 53207

SUBJECT: Final Case Closure - South Shore Yacht Club
2300 East Nock Street, Milwaukee, WI 53207
FID#: 241144090. BRRTS #: 03-41-107254.

Dear Mr. Mattson:

In October,1998, your site as described above was reviewed for closure by the Department of Natural Resources. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On October 5, 1998, you were notified that conditional closure was granted to this case.

On July 30, 2003, the Department received correspondence indicating that you have complied with the conditions of closure. The conditions of the closure required the responsible party (RP) to: a) place a groundwater use restriction on the property and b) abandon the monitoring wells (MW1 -MW5). In lieu of the groundwater use restriction, the RP had opted to implement groundwater GIS registry. 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.

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm

Please be aware that this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety or welfare, or the environment.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at (414) 263-8639.

Sincerely,

Eric Amadi

Eric Amadi
Hydrogeologist - SER/Milwaukee

c: Laura Johnson - Milwaukee County, Public Works Department.
SER Case File #: 03-41-107254

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Southeast Region Headquarters
2300 N. Dr. ML King, Jr. Drive, Box 12436
Milwaukee, Wisconsin 53212-0436
TELEPHONE 414-263-8500
FAX 414-263-8716
TDD 414-263-8713

October 5, 1998

Mr. Ed Foster
South Shore Yacht Club
2300 East Nock Street
Milwaukee, Wisconsin 53207

SUBJECT: Request for closure, South Shore Yacht Club, 2300 East Nock Street, Milwaukee, Wisconsin. BRR-LUST FID#241144090.

Dear Mr. Foster:

FMI has requested closure of this site under the closure flexibility regulations, because groundwater monitoring well MW-4 and MW-1 contained benzene concentrations above the § NR 140, Wisconsin Administrative Code (WAC) enforcement standard (ES). The concentration of benzene in monitoring wells MW-1 and MW-4 were 6.3 and 12 parts per billion (ppb), respectively.

Based on the information provided, we concur with FMI's recommendation of case closure and require no further action at this site based on the following:

1. The contaminant concentrations in monitoring wells MW-1 and MW-4 appear to be stable and/or decreasing, based on the groundwater monitoring data provided.

2. Based on the groundwater data presented, the contaminants should naturally attenuate to concentrations below the ch. NR 140 ES within a reasonable period of time, without causing an exceedance of the preventative action level for contaminants detected beyond the property boundary.

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 the water quality exceeds the drinking water standards in ch. NR 809 is restricted by chs. NR 811 and 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."

Within sixty days, all of the groundwater monitoring wells at the site must be abandoned in accordance with ch. NR 141 and the completed abandonment forms must be submitted to the department, along with

the soil boring logs for the monitoring wells. Once the department receives the abandonment forms and documentation that the groundwater use restriction has been placed on the deed, this case will be tracked as closed on the department's tracking system.

If you have any questions regarding this letter, you may contact me at the above address or at (414) 263-8689.

Sincerely,

Gina Keenan
Hydrogeologist

c: Fluid Management, Inc.
SER case file

DOCUMENT NO. REEL 660 IMAG 957

STATE BAR OF WISCONSIN — FORM 3
QUIT CLAIM DEED

THIS SPACE RESERVED FOR RECORDING DATA

4685031

REGISTER'S OFFICE
Milwaukee County, Wis. } SS
RECORDED AT ..... M
on JUN 27 1972 in
Reel 660 Image 957
Walter L. Bergalt
REGISTER OF DEEDS

RETURN TO
BOX 274

Tax Key #
This is NOT homestead property.

JUN-27-72 273105 • 4685031 D CH REC

By This Deed, South Shore Yacht Club, a Wisconsin corporation, Grantor, quit-claims to Milwaukee County

Grantee, for a valuable consideration One Dollar ($1.00) and other good and valuable consideration

the following described real estate in Milwaukee County, State of Wisconsin: That part of the Northwest One-quarter (1/4) of Section Ten (10), in Township Six (6) North, Range Twenty-two (22) East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, bounded and described as follows: Commencing at the point of intersection of the center line of South Shore Drive with the center line of East Nock Street; thence North 51° 27' 10" East along the center line of East Nock Street and said center line extended, 565.0 feet to a point; thence North 38° 39' 05" West, 24.5 feet to a point on the timber cribbing, said point being the point of beginning of the land to be described; thence South 74° 55' 03" West along the existing fence line, 66.55 feet to a point; thence North 38° 39' 05" West along the existing fence line and parallel with the Easterly line of South Shore Drive, 290.5 feet to a point; thence North 5° 21' 24" East along the existing fence line, 38.86 feet to a point on the timber cribbing; thence Northeasterly along the timber cribbing 238 feet more or less to a point; thence Southeasterly along the timber cribbing 168 feet more or less to a point; thence Southwesterly along the timber cribbing 205 feet more or less to the point of beginning, containing 1.426 Acres of land more or less.

(This Deed is executed pursuant to the provisions of Paragraph 3(a) of a lease between South Shore Yacht Club and Milwaukee County by its Milwaukee County Park Commission dated June 1, 1972)

FEE
~~$~~77.25
EXEMPT (2)

Executed at Milwaukee, Wisconsin this 20th day of June 1972

SIGNED AND SEALED IN PRESENCE OF

SOUTH SHORE YACHT CLUB (SEAL)

By: Ronald A. Kent (SEAL)
Ronald A. Kent, Commodore

By: Leonard L. Reuter (SEAL)
Leonard L. Reuter, Secretary

(SEAL)

Legal Description Approved
By Larry V. Whitby Date 6-26-72
Form and Execution Approved
By [signature] Date 6-26-72
RETURN TO MILW. COUNTY PARK COMM.

Signatures of

authenticated this ..... day of 19

Title: Member State Bar of Wisconsin or Other Party Authorized under Sec. 706.06 viz.

STATE OF WISCONSIN
Milwaukee County } ss.

Personally came before me, this 20th day of June 1972 the above named Ronald A. Kent and Leonard L. Reuter, Commodore and Secretary, respectively, of South Shore Yacht Club to me known to be the person who executed the foregoing instrument and acknowledged the same.

THIS INSTRUMENT WAS DRAFTED BY

Attorney Peter F. Reiske

Peter F. Reiske
Peter F. Reiske

The use of witnesses is optional.

Notary Public, Milwaukee County, Wis.

My commission (~~expires~~) (is) permanent.

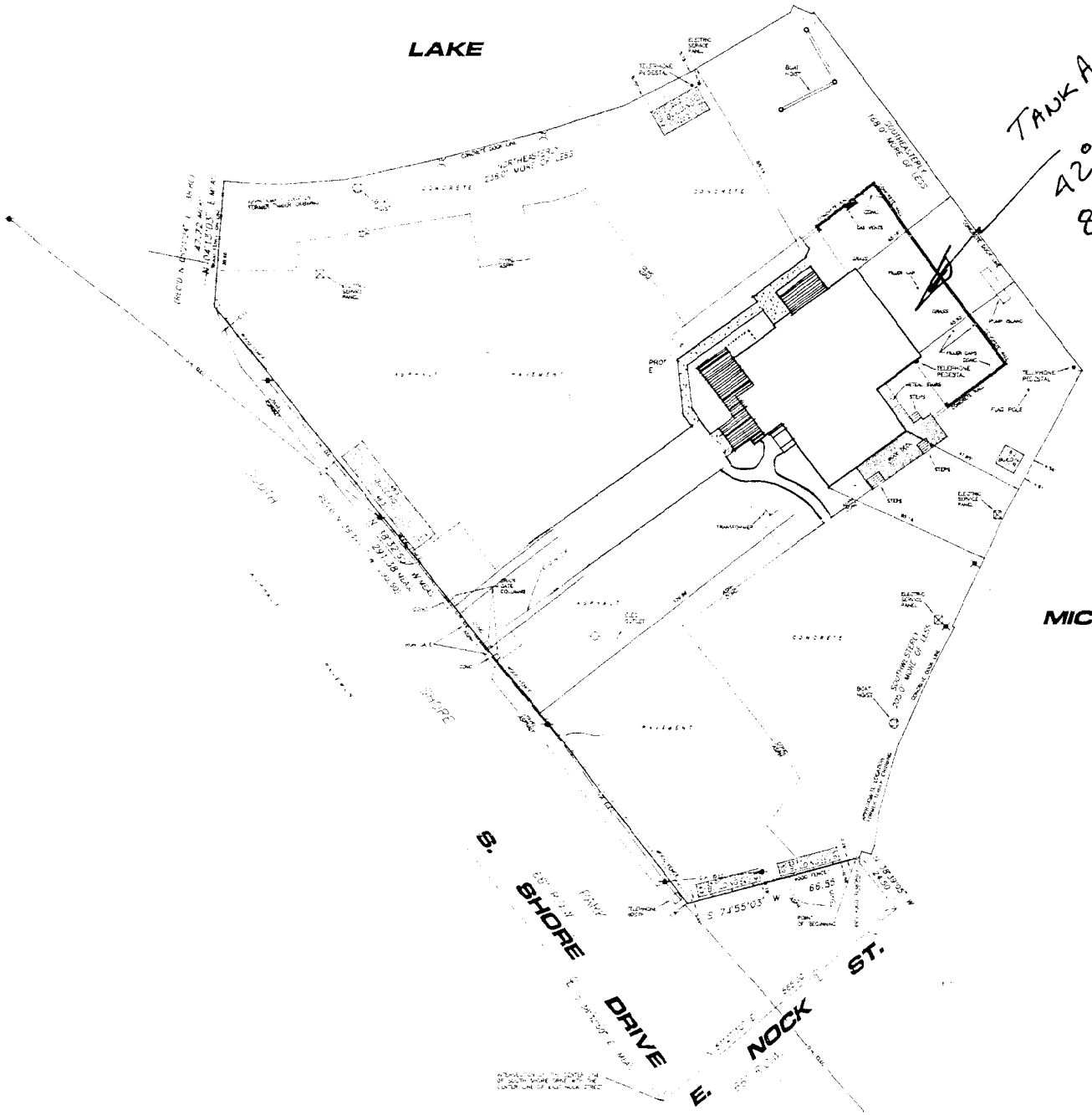
Names of persons signing in any capacity should be typed or printed below their signatures.

QUIT CLAIM DEED

STATE BAR OF WISCONSIN
FORM No. 3 — 1971

Wisconsin Legal Blank Company
Milwaukee, Wis. (Job 29708)

PLAT OF SURVEY



KNOWN AS 2301 EAST NOCK STREET, CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN.
THAT PART OF THE NW 1/4 OF SECTION 10, T 6 N, R 22 E, IN THE CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN, WHICH IS BOUNDED AND DESCRIBED AS FOLLOWS:
COMMENCING AT THE POINT OF INTERSECTION OF THE CENTER LINE OF SOUTH SHORE DRIVE WITH THE CENTER LINE OF EAST NOCK STREET;
THENCE NORTH 61° 27' 10" EAST ALONG THE CENTER LINE OF EAST NOCK STREET AND SAID CENTER LINE EXTENDED, 566.00 FT. TO A POINT;
THENCE NORTH 28° 32' 50" WEST 24.50 FT. TO A POINT ON THE TIMBER CRIBBING, SAID POINT BEING THE POINT OF BEGINNING OF THE LAND TO BE DESCRIBED;
THENCE SOUTH 74° 55' 03" WEST ALONG THE EXISTING FENCE LINE 66.55 FT. TO A POINT;
THENCE NORTH 15° 39' 05" WEST ALONG THE EXISTING FENCE LINE AND PARALLEL WITH THE EASTERLY LINE OF SOUTH SHORE DRIVE 290.00 FT. TO A POINT;
THENCE NORTH 00° 21' 24" EAST ALONG THE EXISTING FENCE LINE 38.86 FT. TO A POINT ON THE TIMBER CRIBBING;
THENCE NORTHEASTERLY ALONG THE TIMBER CRIBBING 238.00 FT., MORE OR LESS, TO A POINT;
THENCE SOUTHEASTERLY ALONG THE TIMBER CRIBBING 168.00 FT., MORE OR LESS, TO A POINT;
THENCE SOUTHWESTERLY ALONG THE TIMBER CRIBBING 205.00 FT., MORE OR LESS, TO THE POINT OF BEGINNING.
CONTAINING 1.426 ACRES OF LAND, MORE OR LESS.

JULY 27, 1994 SOUTH SHORE YACHT CLUB SURVEY NO. 15604-B

THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS BASED, IN PART, UPON INFORMATION FURNISHED BY UTILITY COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO.

Square Footage

Existing	8,325.7 sq. ft.
New	1,630.0 sq. ft.
Total	9,955.7 sq. ft.

SCHEME PR 1 02 23 01

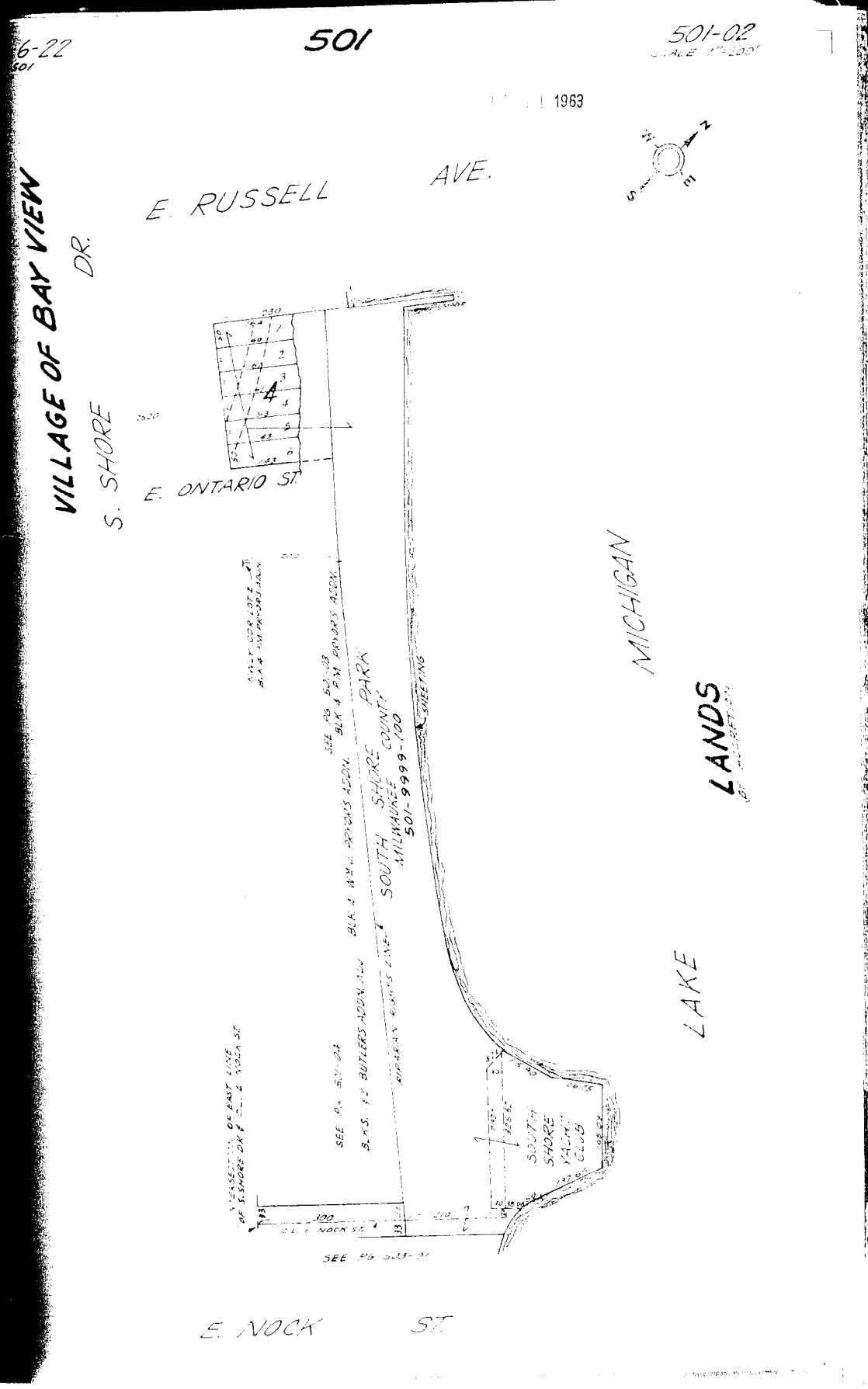
I hereby certify that I have surveyed the above described property (Property), and the above map is a true representation thereof; it shows the size and location of the Property, its exterior boundaries, the location and dimensions of all visible structures thereon, boundary fences, apparent easements and roadways and visible encroachments, if any. This survey is made for the exclusive use of the present owners of the Property, and also those who purchase, mortgage, or guarantee the title thereto, within one (1) year from date hereof.

national survey & engineering

WISCONSIN DONALD C. CHAPUT S-1375 BROOKFIELD, WI LAND SURVEYOR

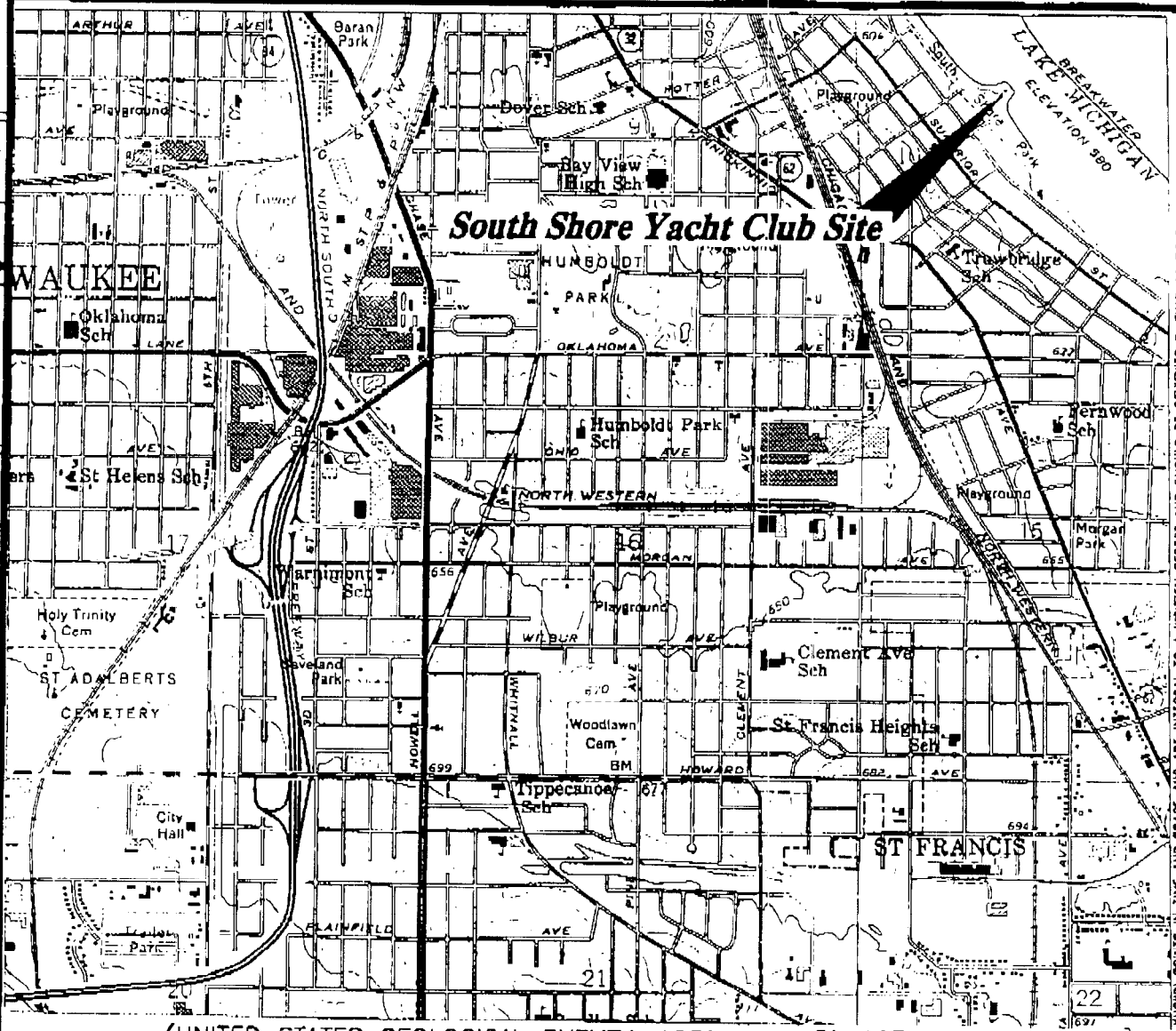
DONALD C. CHAPUT
REGISTERED WISCONSIN LAND SURVEYOR S-1375

04 03 01 03 07 01



6-22
501
501
501-02
SCALE 1"=200'
1963
VILLAGE OF BAY VIEW
DR.
E. RUSSELL
AVE.
S. SHORE
E. ONTARIO ST.
MICHIGAN
LANDS
LAKE
SOUTH SHORE PARK
MILWAUKEE COUNTY
501-9999-100
SHEETING
SOUTH SHORE YACHT CLUB
E. NOCK ST.

502



(UNITED STATES GEOLOGICAL SURVEY. 1958, REVISED 1976. SOUTH MILWAUKEE QUADRANGLE. WISCONSIN MAP. 7.5 MINUTE SERIES.)

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

Fluid Management
A Division of ENVIROGEN, Inc.

LOCATION

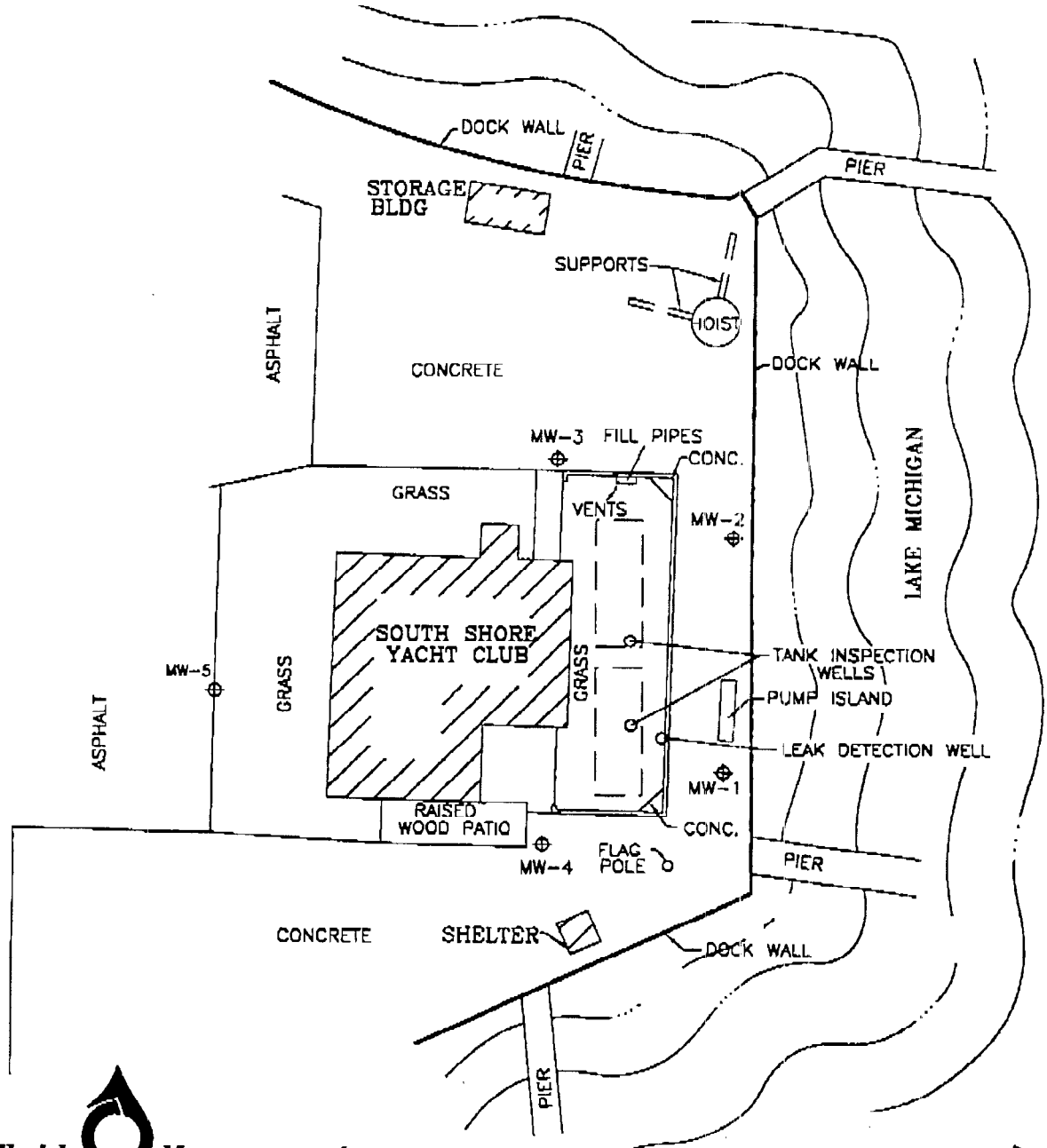
Site Location Map
South Shore Yacht Club Site
Milwaukee, Wisconsin

FIGURE NO. 1

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:
96.235LI	LME	2/11/98	7/23/98 2/24/98

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

DRAWING NO.	DRAWN BY:	CHECKED BY:	APPROVED BY:	
96.235L2	LME			3/23/98
	2/11/98			



Fluid Management
A Division of ENVIROGEN, Inc.

SCALE
0 10' 20' 30' 40'

Site Plan View
South Shore Yacht Club Site
Milwaukee, Wisconsin

FIGURE NO. 2

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.

TABLE 4

Groundwater Quality Analytical Data
MW-1
South Shore Yacht Club Site
Milwaukee, Wisconsin

Sample Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naph-thalene	1,4-Dichloro-benzene	p-Isopropyl-toluene	n-Propyl-benzene	Lead	DRO (ppm)	GRO
9/19/96	19	6.2	3.9	19	17	4.1	74	5.3	<1.0	18	1	<1.5	H 0.73	360
11/18/96	22	2.3	5.9	20	21	12	60	NA	NA	NA	NA	NA	2.6	620
	(25)	(8.9)	(7.9)	(30)	(33)	(9.0)	(75)	(NA)	(NA)	(NA)	(NA)	(NA)	(3.4)	(630)
3/25/97	10	2.8	0.87	5.1	3.5	1.2	33	NA	NA	NA	NA	NA	0.86	170
	(10)	(2.8)	(0.87)	(5.1)	(3.4)	(1.2)	(33)	(NA)	(NA)	(NA)	(NA)	(NA)	(0.97)	(150)
4/22/97	5.8	1.8	1.7	4.2	3.6	1.2	22	NA	NA	NA	NA	NA	0.66	180
	(5.5)	(1.9)	(1.6)	(4.1)	(3.7)	(1.2)	(21)	(NA)	(NA)	(NA)	(NA)	(NA)	(0.47)	(180)
6/10/97	0.62	<0.22	<0.20	0.65	0.37	<0.29	<0.16	NA	NA	NA	NA	NA	0.12	<50
	(0.58)	(<0.22)	(<0.20)	(0.43)	(<0.22)	(<0.29)	(<0.16)	(NA)	(NA)	(NA)	(NA)	(NA)	(<0.10)	<50
11/3/97	6.3	3.5	4.8	13	18	50	M <9.0	NA	NA	NA	NA	NA	NA	NA
	(5.6)	(2.8)	(<3.6)	(13)	(17)	(4.5)	(M <9.0)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)	(NA)
NR 140 PAL	0.5	140	68.6	124	NS	NS	12	8	15	NS	NS	1.5	NS	NS
NR 140 ES	5	700	343	620	NS	NS	60	40	75	NS	NS	15	NS	NS

(Continued)

Notes:

Concentrations in ppb unless otherwise noted.

Results in parentheses are for duplicate samples analyzed for quality assurance purposes

DRO: Diesel range organics
GRO: Gasoline range organics
H: Late eluding hydrocarbons present
M: Matrix interference
MTBE Methyl t-butyl ether
TMB: Trimethylbenzene
NA: Not analyzed
NS: No standard
PAL: Preventive action limit
ES: Enforcement standard

TABLE 4
(Continued)

Groundwater Quality Analytical Data
MW-2
South Shore Yacht Club Site
Milwaukee, Wisconsin

Sample Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naph-thalene	1,4-Dichloro-benzene	p-Isopropyl-toluene	n-Propyl-benzene	Lead	DRO (ppm)	GRO
9/19/96	**7.6**	**1.8**	<1.0	**4.2**	**1.2**	<1.0	**63**	**2.5**	<1.0	**4.3**	<1.0	<1.5	<0.10	**77**
11/18/96	**3.6**	**1.4**	<1.0	**3.9**	**4.5**	**1.7**	**51**	NA	NA	NA	NA	NA	**0.15**	**82**
3/25/97	**0.3**	**0.26**	<0.20	**0.52**	<0.22	<0.29	**35**	NA	NA	NA	NA	NA	**0.37**	<50
4/22/97	**0.32**	**0.26**	<0.20	**0.43**	<0.22	<0.29	**23**	NA	NA	NA	NA	NA	**0.38**	<50
6/10/97	**0.43**	<0.22	<0.20	**0.71**	**0.63**	<0.29	<0.16	NA	NA	NA	NA	NA	**0.14**	<50
12/16/97	**0.44**	<0.22	<0.20	<0.23	**0.42**	<0.29	**6.3**	NA	NA	NA	NA	NA	NA	NA
NR 140 PAL	0.5	140	68.6	124	NS	NS	12	8	15	NS	NS	1.5	NS	NS
NR 140 ES	5	700	343	620	NS	NS	60	40	75	NS	NS	15	NS	NS

(Continued)

Notes:

Concentrations in ppb unless otherwise noted.

DRO: Diesel range organics
GRO: Gasoline range organics
MTBE Methyl t-butyl ether
TMB: Trimethylbenzene
NA: Not analyzed
NS: No standard
PAL: Preventive action limit
ES: Enforcement standard

Checked by: _____
Approved by:_____

TABLE 4
(Continued)

Groundwater Quality Analytical Data
MW-3
South Shore Yacht Club Site
Milwaukee, Wisconsin

Sample Date	Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naph-thalene	1,4-Dichloro-benzene	p-Isopropyl-toluene	n-Propyl-benzene	Lead	DRO (ppm)	GRO
9/19/96	**3.2**	<1.0	**1.7**	<3.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.5	<1.0	<1.5	**0.13**	<50
	(3.2)	(<1.0)	**(2.1)**	(<3.0)	(<1.0)	(<1.0)	(<1.0)	(<1.0)	(<1.0)	**(7.6)**	(<1.0)	NA	**(0.18)**	(<50)
11/18/96	**1.4**	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	**0.13**	<50
3/25/97	**2.1**	**0.72**	**2.0**	**2.1**	**0.78**	<0.29	**3.8**	NA	NA	NA	NA	NA	**H 0.59**	<50
4/22/97	**1.2**	**0.38**	**1.1**	**1.4**	**0.73**	<0.29	**4.3**	NA	NA	NA	NA	NA	**0.46**	<50
6/10/97	**6.2**	**2.1**	**2.2**	**3.7**	**1.6**	**0.5**	<0.16	NA	NA	NA	NA	NA	**0.16**	**83**
11/3/97	**2.9**	**1.2**	**0.63**	**1.2**	**0.97**	**0.39**	M <6.3	NA	NA	NA	NA	NA	NA	NA
NR 140 PAL	0.5	140	68.6	124	NS	NS	12	8	15	NS	NS	1.5	NS	NS
NR 140 ES	5	700	343	620	NS	NS	60	40	75	NS	NS	15	NS	NS

(Continued)

Notes:

Concentrations in ppb unless otherwise noted.

Results in parentheses are for duplicate samples analyzed for quality assurance purposes

M: Matrix interference
DRO: Diesel range organics
GRO: Gasoline range organics
H: Late eluding hydrocarbons present
MTBE Methyl t-butyl ether
TMB: Trimethylbenzene
NA: Not analyzed
NS: No standard
PAL: Preventive action limit

TABLE 4
(Continued)

Groundwater Quality Analytical Data
MW-4
South Shore Yacht Club
Milwaukee, Wisconsin

Sample Date	Parameters													
	Benzene	Ethyl-benzene	Toluene	Total Xylenes	1,2,4-TMB	1,3,5-TMB	MTBE	Naph-thalene	1,4-Dichloro-benzene	p-Isopropyl-toluene	n-Propyl-benzene	Lead	DRO (ppm)	GRO
9/19/96	**14**	**2.4**	**6.7**	**10**	**4.1**	**1.3**	<1.0	**5.5**	**1.3**	**15**	**1.8**	<1.5	**H 0.12**	**84**
11/18/96	**9.5**	**2**	**4.8**	**9.6**	**3.6**	**1**	<1.0	NA	NA	NA	NA	NA	**0.58**	**68**
3/25/97	**8.5**	**1.7**	**3.7**	**7.3**	**2.9**	**0.91**	**1.3**	NA	NA	NA	NA	NA	**0.69**	**84**
4/22/97	**6.2**	**1.3**	**2.7**	**5.5**	**2.2**	**0.65**	**4.6**	NA	NA	NA	NA	NA	**0.70**	**71**
6/10/97	**1.6**	**0.39**	**0.89**	**1.4**	**1.1**	**0.34**	<0.16	NA	NA	NA	NA	NA	<0.10	<50
11/3/97	**12**	**6.0**	**2.9**	**8.8**	**4.5**	**1.1**	**M <19**	NA	NA	NA	NA	NA	NA	NA
NR 140 PAL	0.5	140	68.6	124	NS	NS	12	8	15	NS	NS	1.5	NS	NS
NR 140 ES	5	700	343	620	NS	NS	60	40	75	NS	NS	15	NS	NS

(Continued)

Notes:

Concentrations in ppb unless otherwise noted.

M: Matrix interference
DRO: Diesel range organics
GRO: Gasoline range organics
MTBE Methyl t-butyl ether
TMB: Trimethylbenzene
NA: Not analyzed
NS: No standard
PAL: Preventive action limit
ES: Enforcement standard
H: Late eluding hydrocarbons present

TABLE 4
(Continued)

Groundwater Quality Analytical Data
MW-5
South Shore Yacht Club Site
Milwaukee, Wisconsin

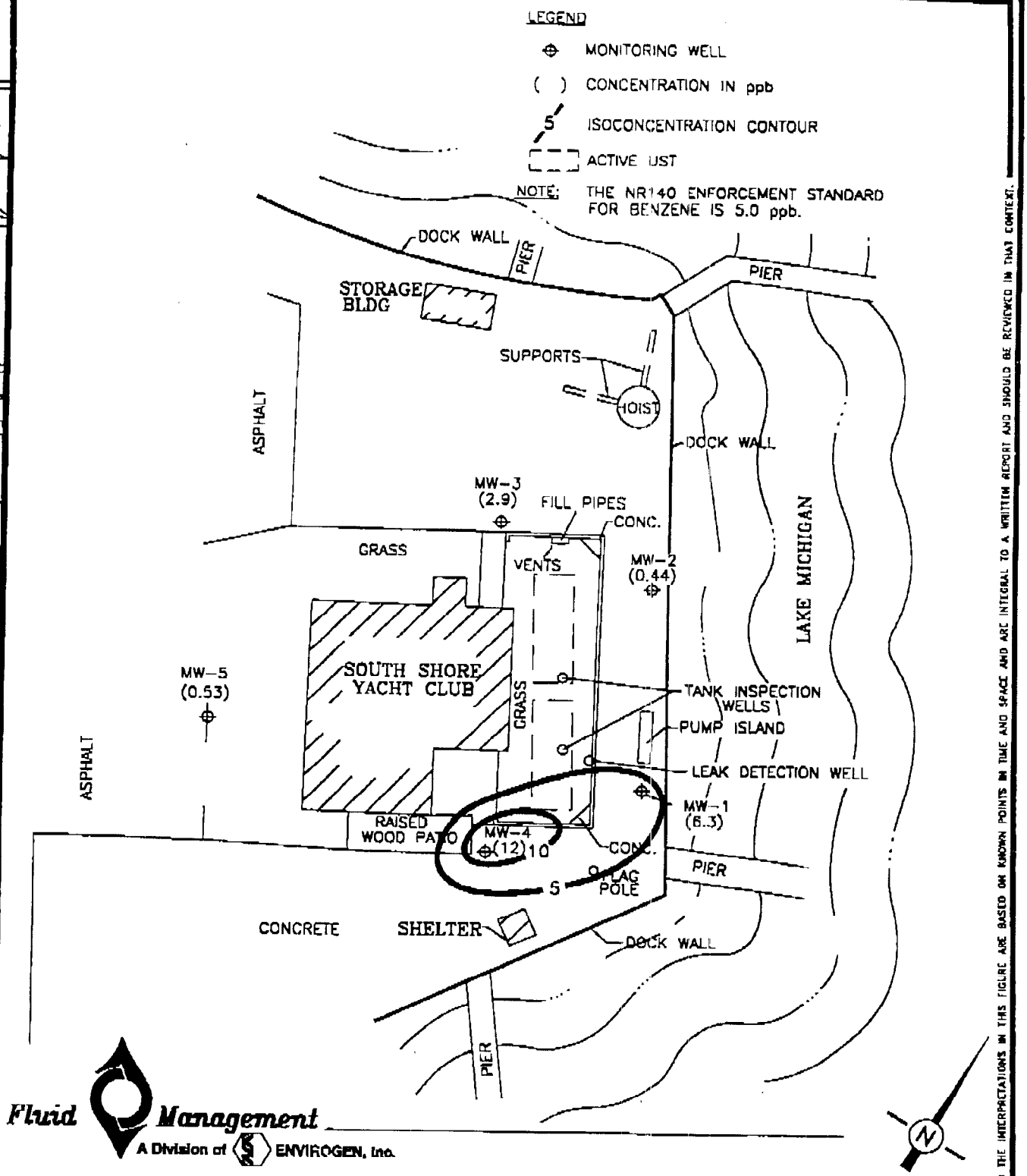
Sample Date	Parameters													
	Benzene	**Ethyl-benzene**	**Toluene**	**Total Xylenes**	**1,2,4-TMB**	**1,3,5-TMB**	**MTBE**	**Naph-thalene**	**1,4-Dichloro-benzene**	**p-Isopropyl-toluene**	**n-Propyl-benzene**	**Lead**	**DRO (ppm)**	**GRO**
9/19/96	**0.85**	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	**1.4**	<1.0	<1.0	<1.0	<1.5	**0.21**	<50
11/18/96	**0.69**	<1.0	<1.0	<3.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	**0.47**	<50
3/25/97	**0.42**	<0.22	**0.33**	**0.37**	**0.33**	<0.29	**4.4**	NA	NA	NA	NA	NA	**0.64**	<50
4/22/97	**0.42**	<0.22	**0.37**	**0.46**	**0.51**	<0.29	**6.7**	NA	NA	NA	NA	NA	**0.61**	<50
6/10/97	**0.54**	<0.22	**0.24**	**0.25**	**1.1**	<0.29	<0.16	NA	NA	NA	NA	NA	<0.10	<50
11/03/97	**0.53**	<0.22	**0.51**	**3.4**	**1.2**	**0.44**	M <6.0	NA	NA	NA	NA	NA	NA	NA
NR 140 PAL	0.5	140	68.6	124	NS	NS	12	8	15	NS	NS	1.5	NS	NS
NR 140 ES	5	700	343	620	NS	NS	60	40	75	NS	NS	15	NS	NS

Notes:

Concentrations in ppb unless otherwise noted.

M: Matrix interference
DRO: Diesel range organics
GRO: Gasoline range organics
MTBE Methyl t-butyl ether
TMB: Trimethylbenzene
NA: Not analyzed
NS: No standard
PAL: Preventive action limit
ES: Enforcement standard

Checked by: _____
Approved by:_____



DRAWING NO. 96.235L6 | DRAWN BY: LME | 2/11/98 | CHECKED BY: | APPROVED BY:

Fluid Management
A Division of ENVIROGEN, Inc.

SCALE
0 10' 20' 30' 40'

Groundwater Benzene Distribution (11/3/97)
South Shore Yacht Club Site
Milwaukee, Wisconsin

FIGURE NO. 6

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.

TABLE 2

Groundwater Elevations
South Shore Yacht Club Site
Milwaukee, Wisconsin

Date	MW-1		MW-2		MW-3		MW-4		MW-5	
	TOC Elev=583.72		TOC Elev=583.94		TOC Elev=584.4		TOC Elev=584.15		TOC Elev=585.25	
	TOS Elev=581.22		TOS Elev=581.36		TOS Elev=581.8		TOS Elev=581.62		TOS Elev=582.75	
	Feet to Water	Elevation	Feet to Water	Elevation	Feet to Water	Elevation	Feet to Water	Elevation	Feet to Water	Elevation
09/19/96	2.95	580.77	3.18	580.76	3.60	580.80	3.37	580.78	4.45	580.80
11/13/96	3.35	580.37	3.60	580.34	3.95	580.45	3.66	580.49	4.91	580.34
11/18/96	3.41	580.31	3.64	580.30	4.03	580.37	3.80	580.35	4.88	580.37
03/25/97	2.77	580.95	3.01	580.93	3.43	580.97	3.18	580.97	4.33	580.92
04/22/97	2.66	581.06	2.89	581.05	3.31	581.09	3.09	581.06	4.21	581.04
06/10/97	2.34	581.38	2.60	581.34	3.12	581.28	3.13	581.02	3.92	581.33
11/03/97	3.20	580.52	4.71	579.23	4.02	580.38	3.50	580.65	5.20	580.05

Notes:

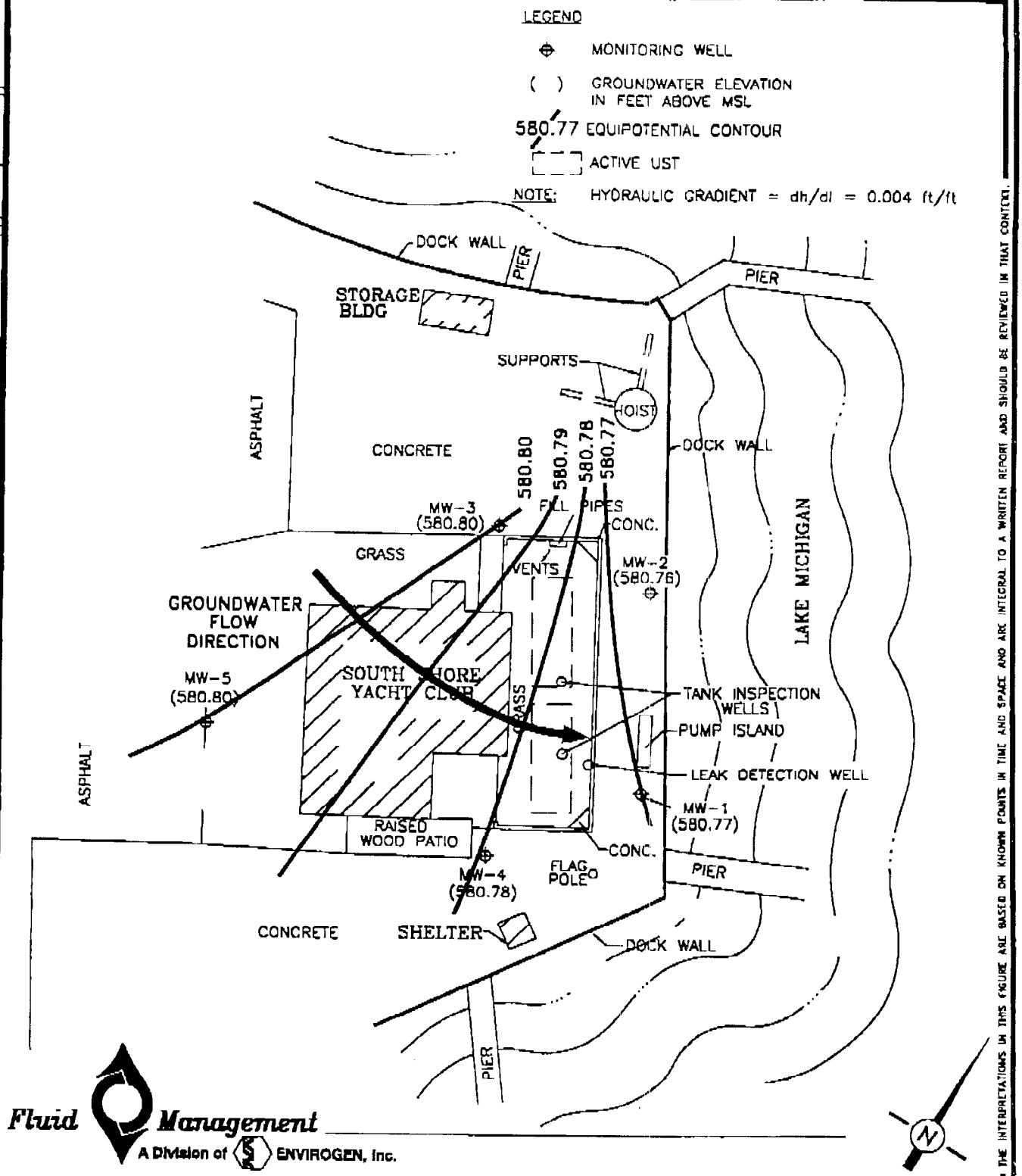
Elevations in feet relative to mean sea level

TOC: Top of casing

TOS: Top of well screen

Checked by: _____

Approved by:_____



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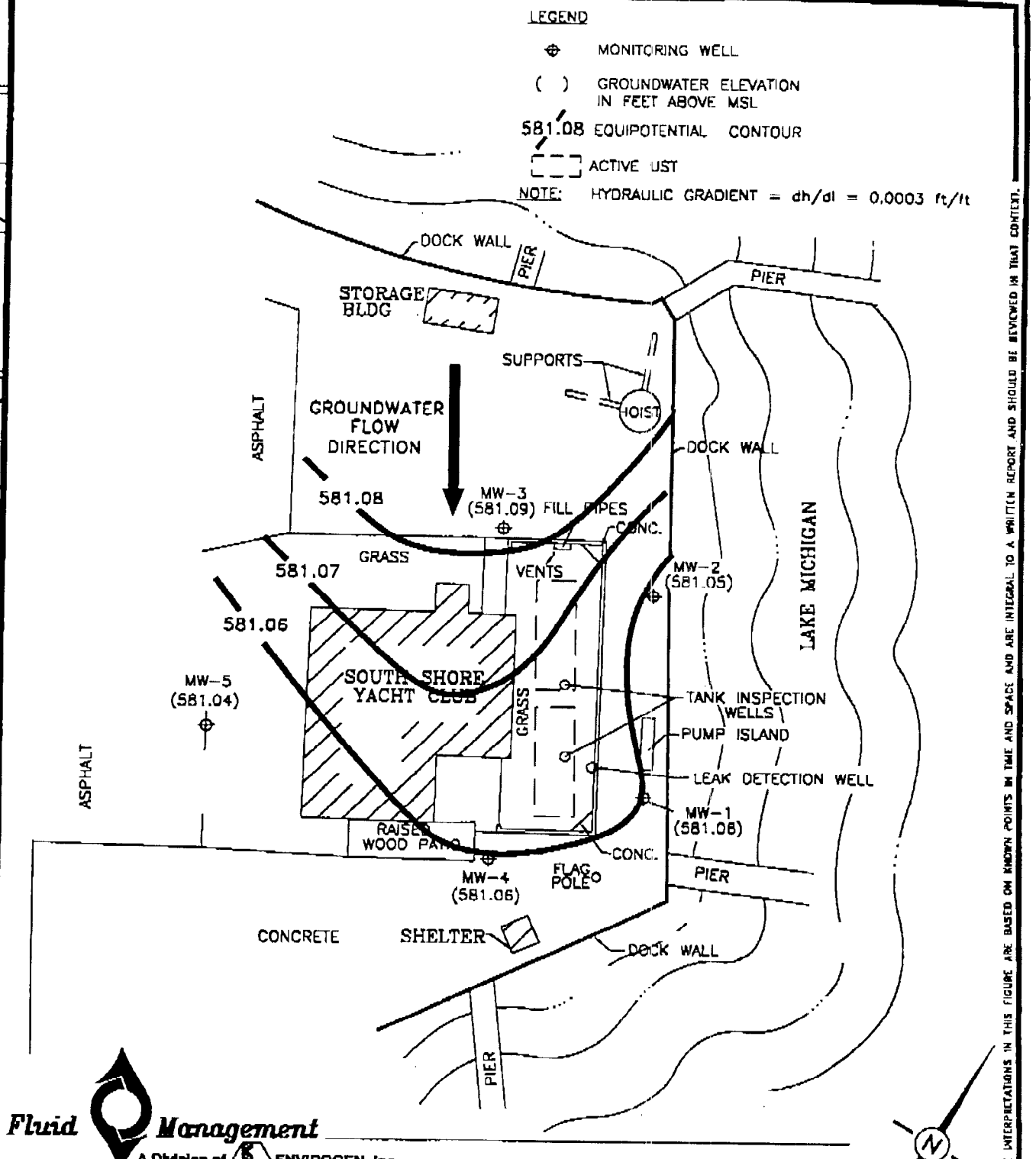
SCALE
0 10' 20' 30' 40'

Potentiometric Surface (9/19/96)
South Shore Yacht Club Site
Milwaukee, Wisconsin

FIGURE NO. 3

DRAWING NO. 96.235L3 | DRAWN BY: LME | 2/11/98 | CHECKED BY: | APPROVED BY:

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.



DRAWING NO. 96.235L4 | DRAWN BY: LME | 2/11/98 | CHECKED BY: [illegible] | APPROVED BY: [illegible]

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.

Fluid Management
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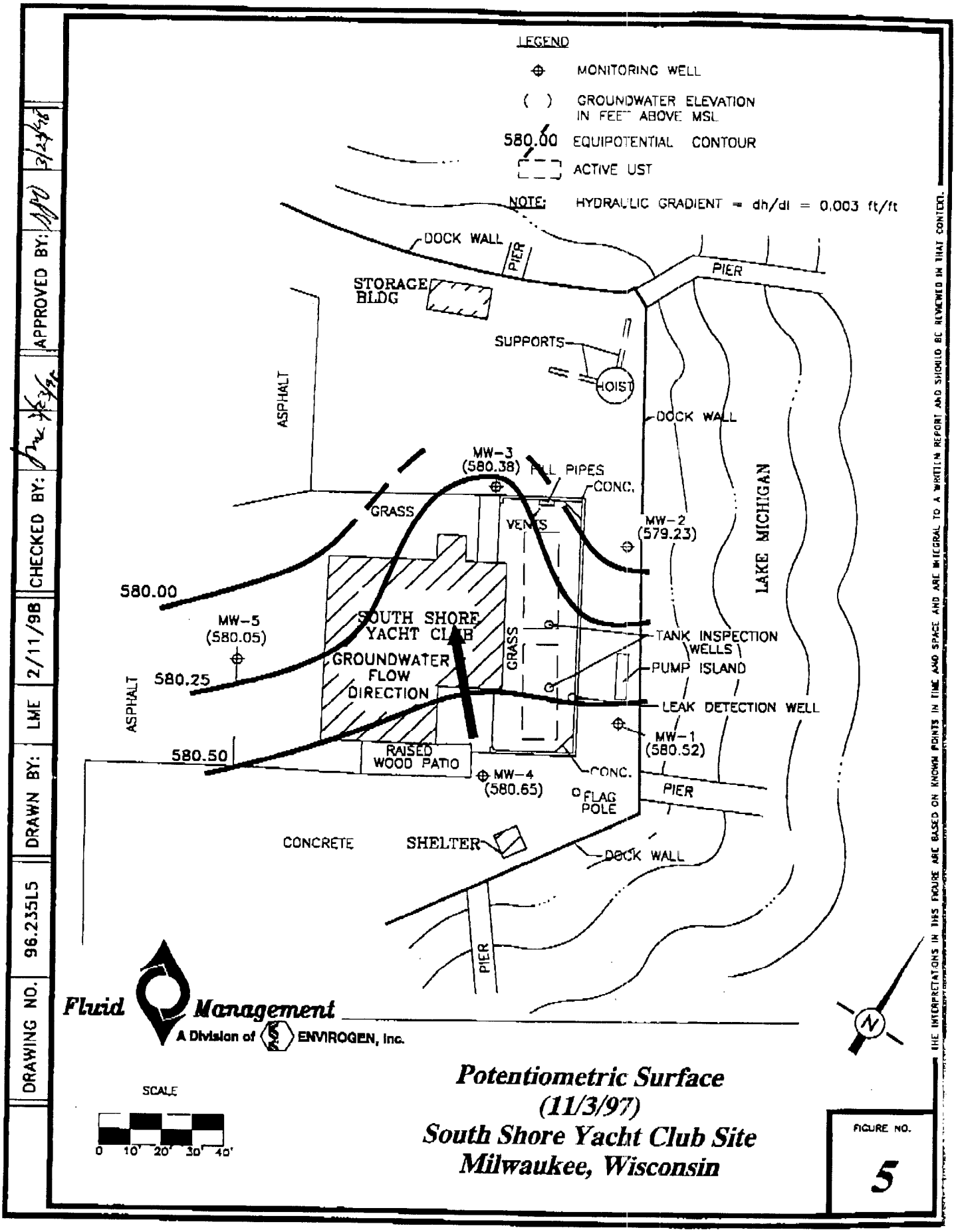
SCALE
0 10' 20' 30' 40'

Potentiometric Surface (4/22/97)
South Shore Yacht Club Site
Milwaukee, Wisconsin

FIGURE NO. 4



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Potentiometric Surface (11/3/97)
South Shore Yacht Club Site
Milwaukee, Wisconsin

FIGURE NO. 5

DRAWING NO. 96.235L5 | DRAWN BY: LME | 2/11/98 | CHECKED BY: | APPROVED BY: | 3/24/98

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.