

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Southeast Region Annex
4041 N. Richards Street, Box 12436
Milwaukee, WI 53212-0436
TELEPHONE 414-229-0800
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REC: 11/4/97

460033090
ms

March 26, 1997

Mr. Steve Jackson
Wisconsin Power & Light Company
222 West Washington Avenue
P.O. Box 192
Madison, Wisconsin 53701

SUBJECT: Request for closure, former 10,000 gallon underground fuel oil storage tank, Edgewater Generating Station, 3739 Lakeshore Drive, Sheboygan, Wisconsin. BRR-LUST FID#460033090.

Letter 004336

Dear Mr. Jackson:

At your request, we have reviewed the referenced case file for closure. You have requested closure of this site under the new closure flexibility regulations, because a groundwater sample from a geoprobe contains benzo-a-pyrene at concentrations above the § NR 140, Wisconsin Administrative Code (WAC) enforcement standard (ES). The concentration of benzo-a-pyrene in the groundwater sample was 2.2 parts per billion. We concur with your recommendation of case closure and require no further action at this site.

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."

Once the department receives the documentation that the groundwater use restriction has been placed on the property 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) 229-0839.

Sincerely,

Gina Keenan
Hydrogeologist

c: SED case file



AGREEMENT TO RESTRICT GROUNDWATER USE

RECORDED SHEBOYGAN COUNTY, WI

Darlene J. Davis Registrar In Vol. 1529 Record on page 925 of 97

97 WI-6 PL-22 77:71 9-199 16

Wisconsin Power and Light Company, a Wisconsin corporation is the owner of certain lands as described in a deed recorded on 3/24/31 in Volume 199 of Deeds, Page 369 as Document Number 280979 in the office of the Register of Deeds for Sheboygan County, Wisconsin.

UUIE#1581 0002 JR \$8.00 UUIE#1581 0002 LR:IB \$2.00 UUIE#1581 0002 CD LRM \$4.00

Whereas; in compliance with closure of BRR-LUST FID#460033090, the State of Wisconsin, Department of Natural Resources has required Wisconsin Power and Light Company to place a restriction on the use of groundwater from the following described portion of land contained within the above described deed, to wit:

Recording Information

Part of Government Lot 1 of Fractional Section 2, Township 14 North, Range 23 East of the 4th Principal Meridian, City of Sheboygan, Sheboygan County, Wisconsin, described as follows:

Return to:

Wisconsin Power and Light Company Attn: Real Estate Department P.O. Box 192 Madison, WI 53701-0192

Commencing at the Northwest Corner of said Government Lot 1; thence South 00 degrees 11 minutes 18 seconds East along the west line of said Government Lot 1, 1090.78 feet; thence North 89 degrees 48 minutes 42 seconds East, 1141.35 feet to the center of a circular area, having a radius of 100.00 feet and the subject of this description, containing 31,416 square feet or 0.721 acres. See Exhibit "A" attached hereto and made a part hereof.

And whereas; the concentration of benzo-a-pyrene in the groundwater sample was 2.2 parts per billion;

and whereas; natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch.NR140 groundwater standards within the boundaries of the described property (located within the 100 foot radius);

and, whereas; construction of wells where the water quality exceeds the drinking water standards in ch.NR809 is restricted by chs.NR811 and 812;

and whereas, special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply;

therefore; anyone who proposes to construct or reconstruct a well on the described property (located within the 100 foot radius) 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.

This agreement is binding upon the successors and assigns of the party hereto; and shall run with the lands described herein.

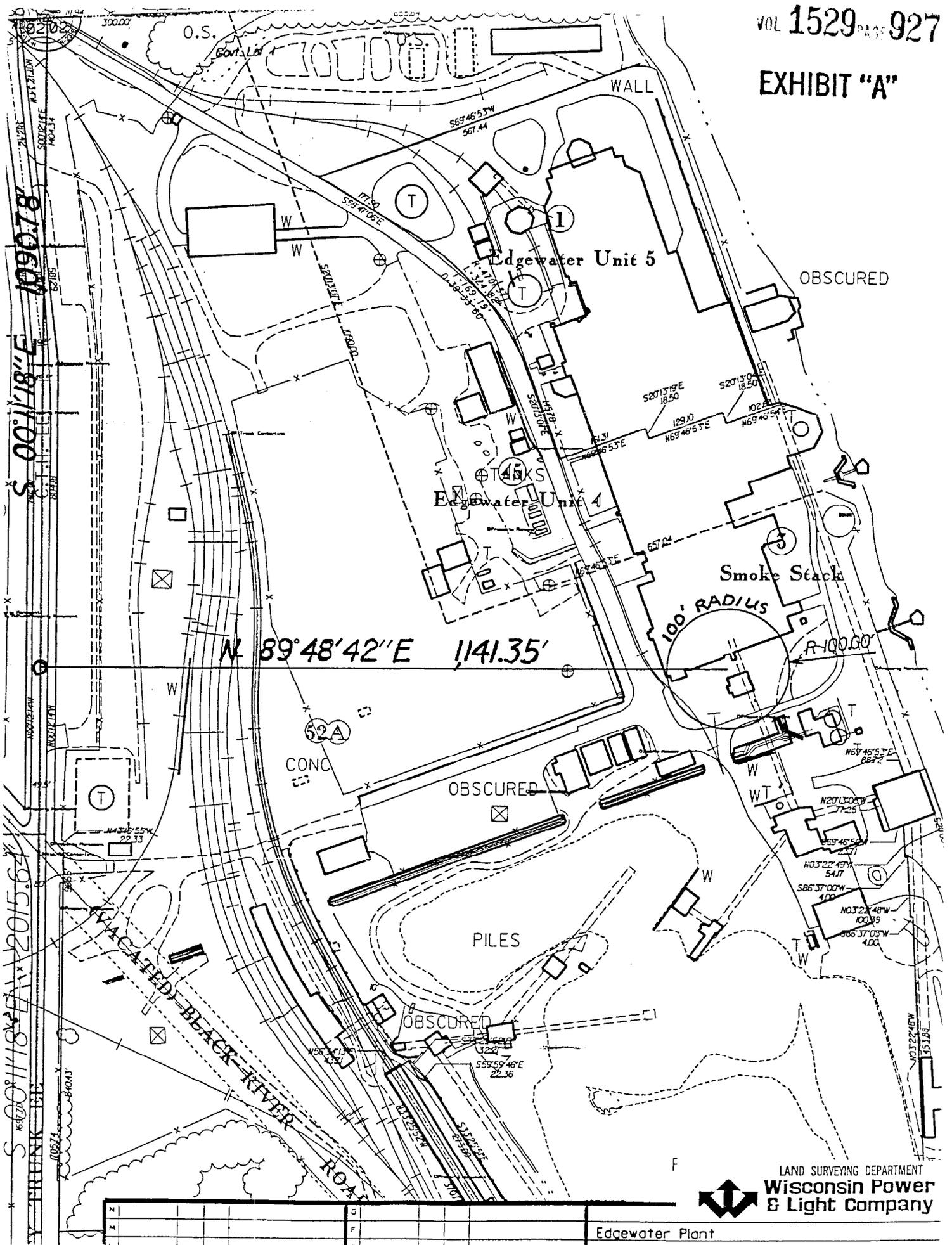
Witness the signatures of the officers on behalf of Wisconsin Power and Light Company, a Wisconsin corporation this 8th day of September 1997.

Signature of Pamela J. Wegner (Seal) Pamela J. Wegner, Vice President

Signature of Edward M. Gleason (Seal) Edward M. Gleason, Corporate Secretary



EXHIBIT "A"



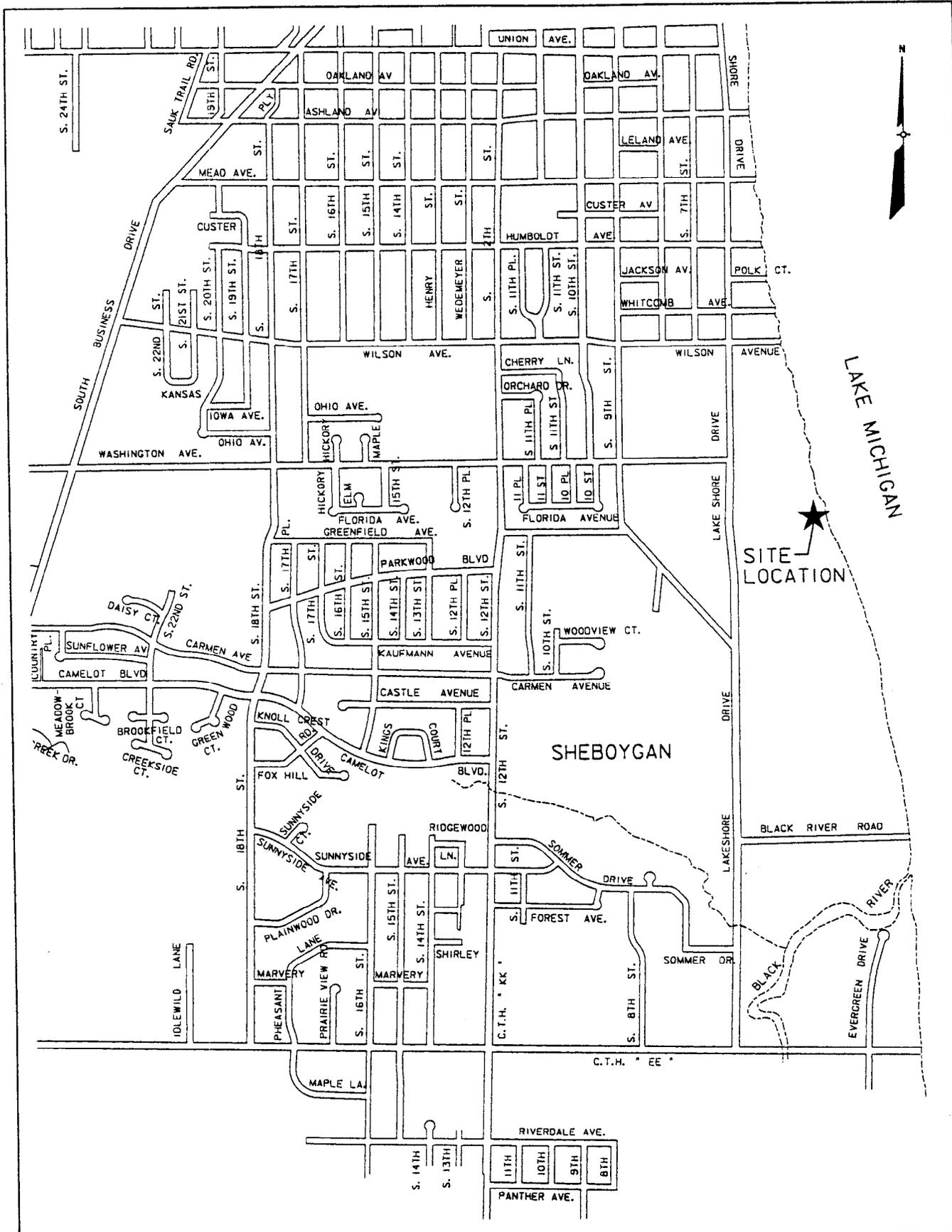
S 00°18'18"E 1099.78'

S 00°11'18"E 2015.63'

N 89°48'42"E 1141.35'

LAND SURVEYING DEPARTMENT
Wisconsin Power & Light Company

Edgewater Plant

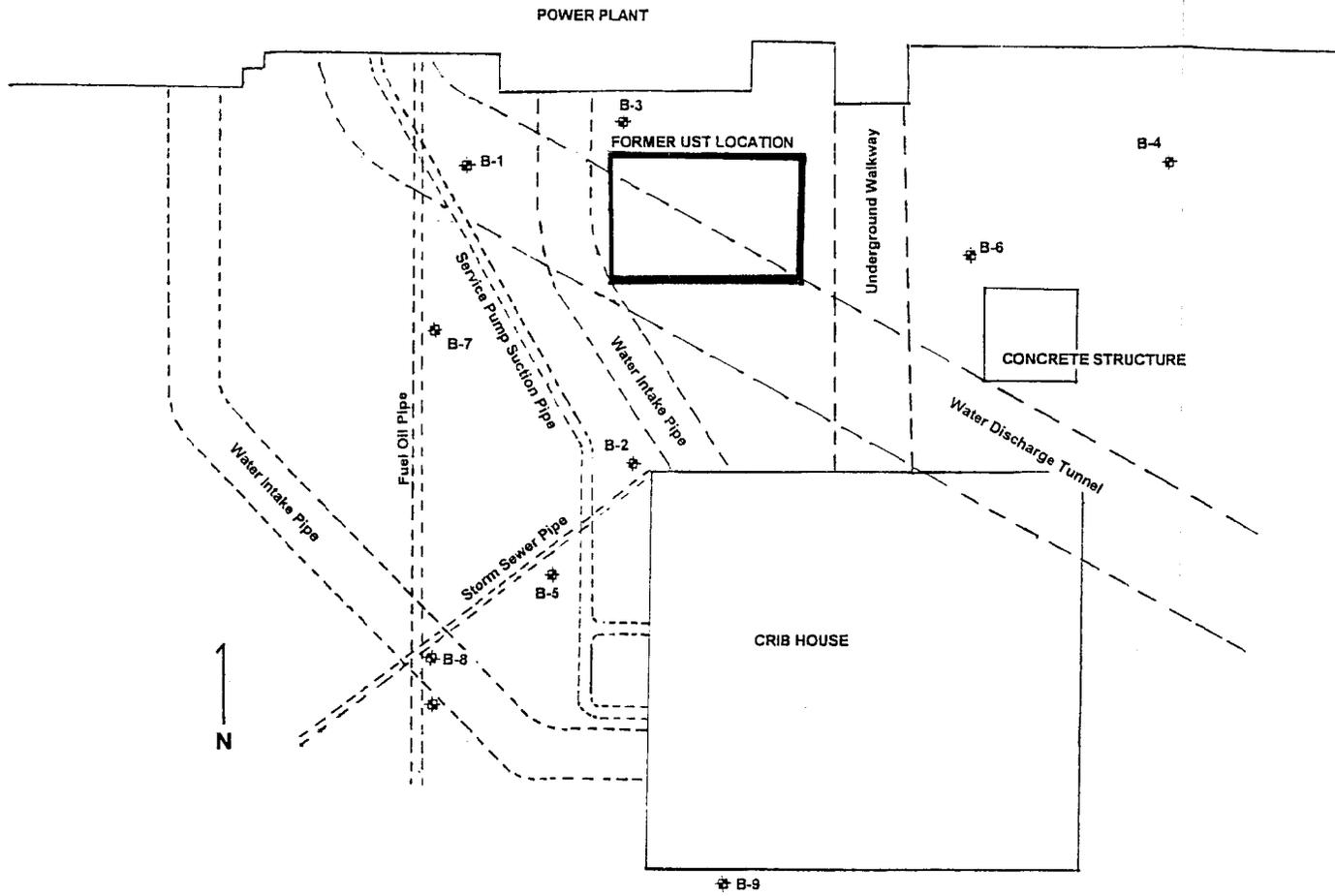


RUST ENVIRONMENT & INFRASTRUCTURE

SEPT. 1995

**FIGURE I
SITE LOCATION**

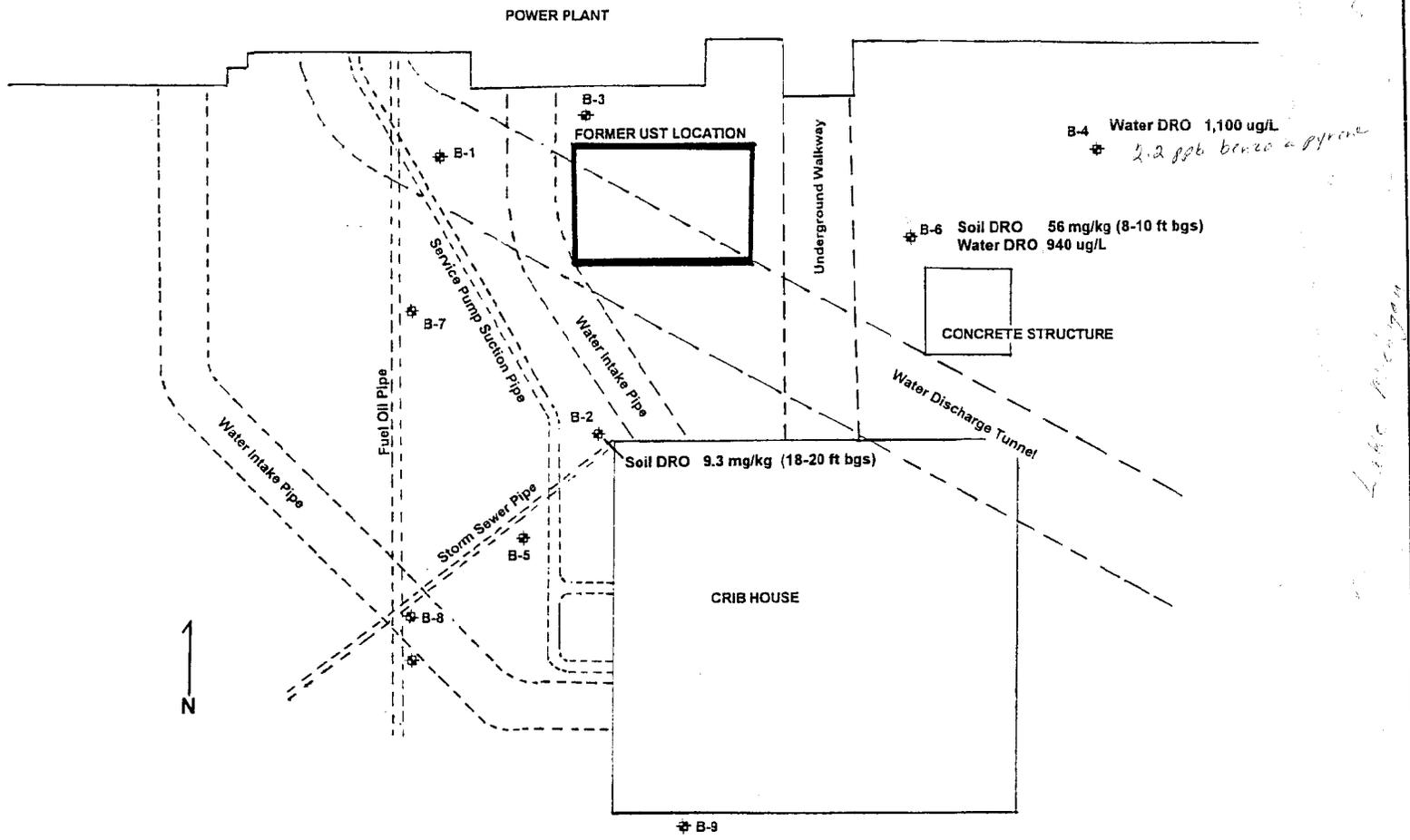
WP&L-EDGEWATER GENERATING STATION
SHEBOYGAN, WISCONSIN



SCALE: 1 inch = approximately 8 ft.

RUST ENVIRONMENT & INFRASTRUCTURE

FIGURE 2
SITE MAP
Wisconsin Power & Light, Edgewater Generating Station
Sheboygan, Wisconsin



SCALE: 1 inch = approximately 8 ft.

FIGURE 3
 LOCATION OF CONTAMINANT DETECTIONS
 Wisconsin Power & Light, Edgewater Generating Station

Lab Michigan

TABLE 4

GROUNDWATER ANALYTICAL RESULTS
 WISCONSIN POWER & LIGHT - EDGEWATER GENERATING STATION
 SHEBOYGAN, WISCONSIN

All results are in ug/l.

Analyte	B-4	B-6
o-Xylene	1.8	<1.0
Toluene	3.4	<1.0
Anthracene	0.80	<0.02
Benzo(a)anthracene	1.9	<0.02
Benzo(a)pyrene	2.2	<0.02
Benzo(b)fluoranthene	2.4	<0.02
Benzo(k)fluoranthene	1.0	<0.013
Chrysene	2.5	<0.026
Dibenzo(a,h)anthracene	0.69	<0.022
Fluoranthene	1.8	<0.048
Indeno(1,2,3,c,d)pyrene	1.7	<0.01
Phenanthrene	4.0	<0.042
Pyrene	0.28	<0.026
DRO	1,100	940
Benzo(g,h,i)perylene	3.5	<0.05

ES 13
 1.2