GIS REGISTRY INFORMATION

SITE NAME: MERCURY MARINE PLANT 17 DYE RELEASE

BRRTS #: 02-20-259378 **FID # (**if appropriate**):**

COMMERCE # (if appropriate**):**

CLOSURE DATE: 04/11/2007

STREET ADDRESS: W6250 PIONEER ROAD

CITY: FOND DU LAC

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection)**:** **X=** 643485 **Y=** 366226

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

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:

Closure Letter, and any conditional closure letter or denial letter issued	X
Copy of any maintenance plan referenced in the final closure letter.	X
Copy of (soil or land use) deed notice *if any required as a condition of closure*	NA
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	NA
County Parcel ID number, *if used for county*, for all affected properties #FDL-15-17-21-11-007-00	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)	NA
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	NA

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ronald W. Kazmierczak, Regional Director

Oshkosh Service Center
625 E. CTY Y, Suite 700
Oshkosh, Wisconsin 54901-9731
Telephone 920-424-3050
FAX 920-424-4404

April 11, 2007

Mercury Marine
Craig Dousharm
PO Box 1939
Fond du Lac, WI 54936-1939

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
Mercury Marine—Plant 17 Dye Release, W6250 Pioneer Rd, Fond du Lac, WI
WDNR BRRTS Activity #: 02-20-259378

Dear Mr. Dousharm:

On December 1, 2003, the Northeast Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. Conditional closure was granted at that time, but since the requirements had not been met the Department issued a denial letter on December 9, 2005, stating the required deed restriction still needed to be filed and GIS registry fees had to be paid in order to receive final closure.

On April 4, 2007, the Department received correspondence indicating that you have complied with the requirements of closure. The GIS registry packet and fees were received; The June 3, 2006 legislation change eliminates the deed restriction requirement for this site.

Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time.

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. If these requirements are not followed or if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, welfare, or the environment, the Department may take enforcement action under s. 292.11 Wisconsin Statutes to ensure compliance with the specified requirements, limitations or other conditions related to the property or this case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code. It is the Department's intent to conduct inspections in the future to ensure that the conditions included in this letter including compliance with referenced maintenance plans are met.

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement that currently exists in the location shown on the attached map labeled, "Figure 2," shall be maintained in compliance with the attached "Cap Maintenance Plan," in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might

otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

The following activities are prohibited on any portion of the property where the pavement and building foundation are required as shown on the attached map, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources: 1) removal of the existing barrier; 2) replacement with another barrier; 3) excavating or grading of the land surface; 4) filling on capped or paved areas; 5) plowing for agricultural cultivation; or 6) construction or placement of a building or other structure.

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 GIS Registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Jennifer Easterly at 920-303-5447.

Sincerely,

Bruce G. Urben
Northeast Region Remediation & Redevelopment Team Supervisor

Electronic copy: Mark Krueger, Sigma
Jennifer Easterly, WDNR Project Manager

MERCURY MARINE - PLANT 17
W6250 PIONEER ROAD
FOND DU LAC, WISCONSIN

CAP MAINTENANCE PLAN

Purpose

This plan has been prepared as a condition of the Wisconsin Department of Natural Resources (WDNR) case closure of Bureau of Remediation and Redevelopment (BRRTS) case number 02-20-259378. A protective cap, consisting of the existing paved surfaces and building flooring or an alternate cap approved by the WDNR, or its successor or assign, must be maintained by Mercury Marine or future owners of the site (Property Owner) as a condition of closure. Following are the site location, nature and extent of contamination, description of cap maintenance activities, and site contacts.

Location

Mercury Marine Plant 17 is located at W6250 Pioneer Road in the City of Fond du Lac in Fond du Lac County, Wisconsin. This is further identified as being located in the Southwest ¼ of Section 21, T15N, R17E. The relevant site layout for Plant 17 is displayed on the attached Figure 2.

Nature and Extent of Contamination

Low-level impacts have been identified at the facility. Select constituents of volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), and semi-volatile organic compounds (SVOCs) have been identified on the property. The nature and extent of contamination are described in the site investigation reports and closure requests prepared by Sigma Environmental Services, Inc. of Milwaukee, Wisconsin. WDNR conditional case closure for the BRRTS case was approved pending: (1) the payment of applicable soil and groundwater GIS fees (2) submittal of a GIS information packet to the WDNR GIS Registry of Closed Remediation Sites, and (3) submittal of a cap maintenance plan pursuant to NR 724.13 of the Wisconsin Administrative Code.

Cap Maintenance Activities

The cap consists of the existing asphalt pavement and building.

In the event of future redevelopment of the site, an alternate cap may be installed and maintained by the property owner in place of the existing cap with prior approval from the WDNR, or its successor or assign.

The Property Owner will maintain the integrity of the existing cap until such a time as the requirement to maintain the cap is extinguished by the WDNR, or its successor or assign. The following activities are prohibited on that portion of the property described above where a cap or building have been placed, unless prior approval has been obtained from the WDNR, or its successor or assign: (1) Removal of the asphalt pavement and building cap; (2) Excavating or grading of the land surface; (3) Filling on the capped area; (4) Plowing for agricultural cultivation; (5) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the cap or cover; and (6) Major excavation and installation of utilities. However, in the event of minor cap disturbance such as normal operational maintenance, system upgrade, utility repair or installation of new equipment and associated utilities, the Property Owner will provide notification within 60 days thereafter to the WDNR, or its successor or assign. The notification shall include the nature, location and date of the work, how any removed soil was screened, sampled, analyzed, stockpiled and disposed of and how the cap was restored.

Inspection

The property owner or the property owner's designated representative will inspect the condition of the cap on an annual basis and maintain a record of the date of inspection, inspector's name and association with the property owner, and comments as to the inspection results. The property owner will make the inspection record available to the WDNR, or its successor or assign, upon request.

Site Contacts

The relevant site contacts for this site at the time of submittal of this plan are listed below. Please note that the property owner and agency contacts may change over time.

For responsible party and owner information, contact:

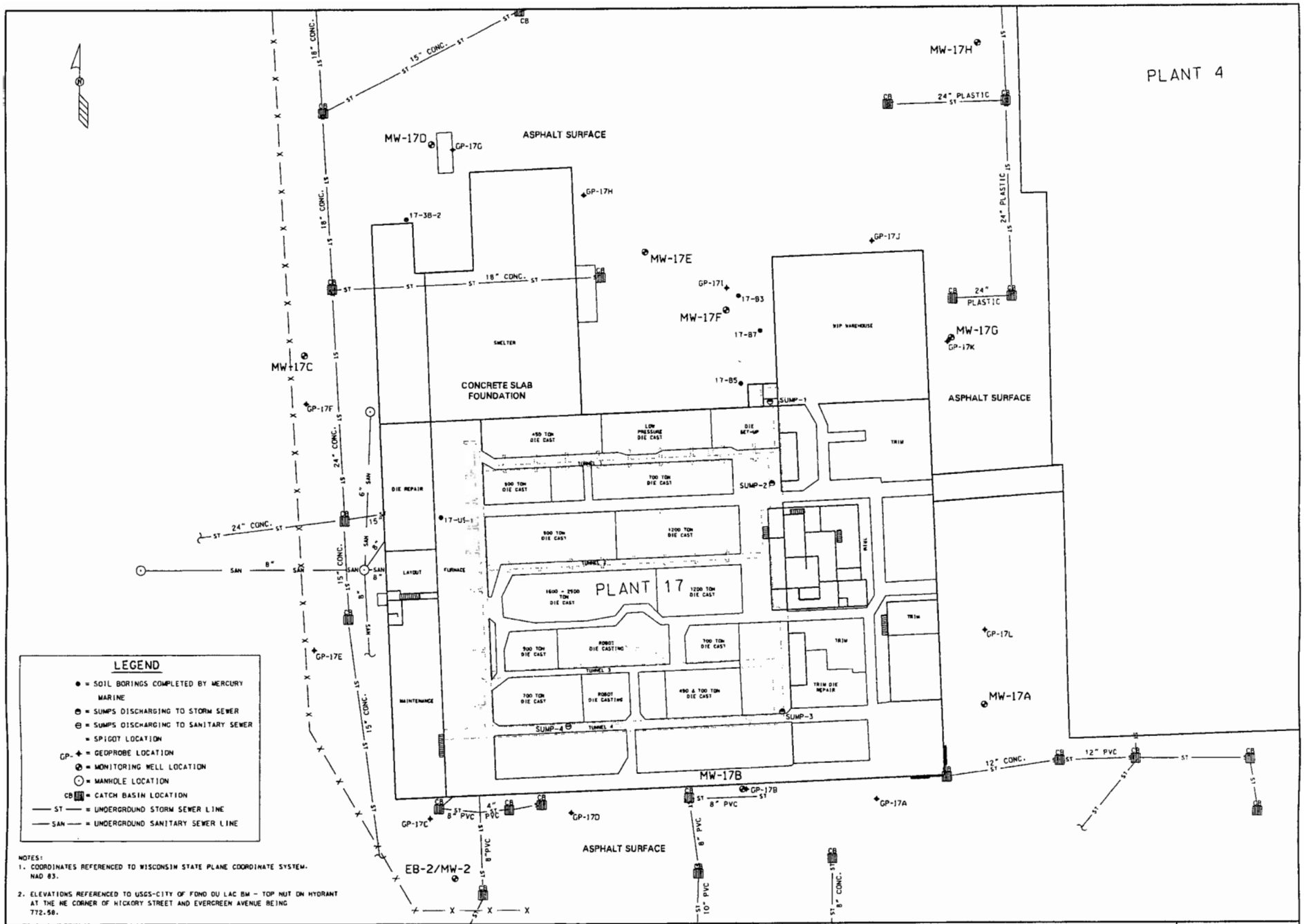
Mercury Marine
Attn: Craig Dousharm, P.E.
W6250 Pioneer Road
Fond du Lac, WI 54936-1939
Telephone: (920) 929-5000

For environmental consultant information, contact:

Sigma Environmental Services, Inc.
1300 West Canal Street
Milwaukee, WI 53233
Telephone: (414) 643-4200
Fax: (414) 643-4210

For Wisconsin Department of Natural Resources information, contact:

Wisconsin Department of Natural Resources
Oshkosh Service Center
625 East County Road Y
Suite 700
Oshkosh, WI 54901-9731
Telephone: (920) 424-3050
Fax: (920) 424-4404



SIGMA ENVIRONMENTAL SERVICES, INC.
220 EAST RYAN ROAD
OAK CREEK, WISCONSIN 53154
PHONE : (414) 768 - 7144
1-800-732-4671

SCALE - 1" = 50'-0" 0' 25' 50' 75' 100'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	9-11-02
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

MERCURY MARINE - PLANT 17
FOND DU LAC, WISCONSIN
SITE PLAN MAP

DRAWING NUMBER
6394-007

FIGURE 2

Barrier INSPECTION LOG

Inspection Date	Inspector	Condition of Cap	Recommendations	Have Recommendations from previous inspection been implemented?

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Ron Kazmierczak, Regional Director

Oshkosh Service Center
625 E. County Road Y, Suite 700
Oshkosh, WI 54901-9731
Telephone 920-424-3050
FAX 920-424-4404

December 9, 2005

Craig Dousharm
Mercury Marine Corp.
PO Box 1939
Fond du Lac, WI 54936-1939

Subject: Case Closure Denial for Mercury Marine Plat 17 (Dye Release) at W6250 Pioneer Road, Fond du Lac, Wisconsin
WDNR BRRTS Activity # 02-20-259378

Dear Mr. Dousharm:

On December 1, 2003, the Northeast Region closure Committee reviewed your request for closure of the case described above. The NER Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of your closure request, the closure committee has denied closure because additional requirements must be met. The purpose of this letter is to inform you of the remaining requirements for obtaining closure, and to request your written response within 60 days of receiving this letter.

Your site was denied closure because the Department still needs the groundwater GIS fee ($250) and the soil GIS fee ($200) including the GIS packet materials and the Operation and Maintenance plan for the cap on the site. The groundwater GIS is for the NR140 Wis. Adm. Code enforcement standard exceedances at Sump 3 for arsenic, Sump 4 for Methyl Ethyl Ketone (MEK) and Spigot 3B for MEK.

It appears your site has been adequately investigated and may be eligible for case closure if certain minimum closure requirements are met. Once you complete the tasks below, your site will be reconsidered for closure.

To close this site, the Department requires that a deed restriction be signed and recorded to address the need to maintain the existing cap (building) on site to be protective of groundwater. You can find a model deed restriction on our web site at http://www.dnr.state.wi.us/org/aw/rr/technical/index.htm. This section of our web site includes a link labeled "Institutional Controls Guidance," which leads to an electronic copy of PUB_RR_606, "Guidance on Case Close Out and the Requirements for Institutional Controls and VPLE Environmental Insurance." This guidance document includes a model deed restriction that you should use to satisfy this closure requirement. Other helpful information on deed restrictions may also be accessed on this web page. However, if you are unable to obtain this from our web site, please contact me and I will send you a copy of an applicable model deed restriction.

The purpose of a deed restriction at this site is to:

(1) maintain a surface barrier over the remaining soil contamination to:
   (a) prevent contamination from impacting groundwater due to the infiltration of precipitation. (See Option 3 in the model deed restriction in the appendix of PUB_RR_606.)

You will need to submit a draft deed restriction to me for review and Department approval, before the deed document is signed and recorded. To assist us in our review of the draft deed restriction, you must also submit a copy of the property deed (and certified survey map or relevant portion of the recorded plat map if referenced in the deed). After the Department has reviewed and approved the draft document for completeness, you will need to sign it if you own the property, or have the appropriate property owner sign it, and have it recorded by the Fond du Lac County Register of Deeds. **Then you must submit a copy of the recorded document, with the recording information stamped on it, to me within 30 days of receiving the final, approved deed document from the Department.** Please be aware that if a deed restriction is recorded for the wrong property because of an inaccurate legal description or parcel identification number that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office.

To close this site, the Department requires that the cap (i.e. building) at the site must be maintained for groundwater protection. The cover is to be maintained in accordance with a plan prepared and submitted to the Department pursuant to s. NR 724.13(2), Wis. Adm. Code. The maintenance plan should be submitted to me at the same time as the draft deed restriction for Department review and approval.

Any remaining monitoring well purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send a letter documenting that any remaining purge water, waste and/or soil piles have been removed.

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code unless they are being used for other site investigations. Documentation of well abandonment must be submitted to Jennie Easterly on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources. NOTE: MONITORING WELLS SHOULD BE ABANDONED ONLY IF ALL OTHER REQUIREMENTS OF CLOSURE ARE MET.

When all the above requirements have been satisfied, please submit a letter, together with any required documentation, to let me know that applicable requirements have been met. 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 GIS Registry. To review the sites on the GIS Registry web page, visit http://maps.dnr.state.wi.us/brrts.

Note: case closure will be approved only if all the above requirements have been satisfied, including submitting the required documentation to the Department. **Please satisfy these requirements within 60 days of the date of this letter. <u>If these requirements have not been met your site will remain "open" and additional remedial actions may be necessary by you to eliminate the need for these requirements.</u>**

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 920-303-5447.

Sincerely,

Jennie Easterly

Jennie Easterly
Hydrogeologist
Remediation and Redevelopment Program

cc: NER Oshkosh case files
Mark Kreuger – via email mkreuger@thesigmagroup.com

FEDERAL DOCUMENTARY STAMPS WILL BE AFFIXED TO THIS DEED AFTER RECORDATION.

WARRANTY DEED

KIEKHAEFER CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located in the County of Fond du Lac, State of Wisconsin, Grantor, hereby conveys and warrants to KIEKHAEFER CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and duly qualified to do business in the State of Wisconsin, located in the County of Fond du Lac, State of Wisconsin, Grantee, for the sum of $10.00 and other good and valuable consideration, the following tracts of land in Fond du Lac County, Wisconsin:

A part of the Southeast 1/4 of Section 21-15-17 described as: Commencing at the intersection of the Westerly line of the right-of-way of the Chicago & Northwestern Railway Company with the North line of said Southeast 1/4 thence Southwesterly along the Westerly line of said right-of-way to its intersection with the Easterly line of said right-of-way of the Chicago, Milwaukee, St. Paul & Pacific Railway Company, thence Northerly along the Easterly line of the right-of-way of the Chicago, Milwaukee, St. Paul & Pacific Railway Company to the North line of said Southeast 1/4, thence East to the place of beginning, excepting however, any land lying South of the highway crossing said Southeast 1/4 in an Easterly and Westerly direction. Fond du Lac County, Wisconsin.

A part of the East 1/2 of the Northeast 1/4 of Section 21-15-17 lying East of the right-of-way of the Chicago, Milwaukee, St. Paul & Pacific Railway, excepting therefrom the right-of-way of the Chicago & Northwestern Railway Company across the Southeast corner thereof, running in a Northeasterly and Southwesterly direction, and also excepting the North 308.75 feet thereof, being a strip of land about 5 acres and of the same width throughout, also excepting from above described land the land deeded to Clayton F. Van Pelt by deeds Volume 283, page 441 and Volume 283, page 442. Fond du Lac County, Wisconsin.

A part of the Northeast Quarter (NE 1/4) of the Northeast Quarter (NE 1/4) of Section 21 in Township 15 North, Range 17 East, Fond du Lac County, Wisconsin, and more particularly described as follows, to-wit: Beginning at a point on the North line of said Section 21, 210.60 feet West of the Northeast corner of said Section 21, thence running

West along the North line of said Section 21, 526.50 feet to the Easterly right-of-way line of the Chicago, Milwaukee, St. Paul Railroad; thence running South along such right-of-way line, bearing one degree and 17 minutes East of a right angle to said North line of Section 21, 308.82 feet; thence running East and parallel to the North line of said Section 21, 522.70 feet to a point which is 210.00 feet West of the East line of said Section 21; thence running North and parallel with the East line of said Section 21, 308.75 feet (308 feet and 9 inches) to the place of beginning; and containing 3.72 acres of land.

A part of the Northeast quarter, part of the East half of the Northwest quarter, and part of the North half of the Southeast quarter, all in Section 21-T15N-R17E, Fond du Lac County, Wisconsin, and more particularly described as follows; to-wit: Beginning at a point on the West right-of-way line of the Chicago, Milwaukee, St. Paul & Pacific Railway Co., 1885.23 feet South of the North line of said Section 21, which point is the Southeast corner of lands conveyed to the Greater Fond du Lac Corporation as described in Vol. 286 of Deeds on page 457, and running thence North 89 degrees and 35 minutes West along the South line of Greater Fond du Lac Corporation lands a distance of 945.19 feet; thence running North no degrees and 49' West along the West line of said Greater Fond du Lac Corporation lands a distance of 969.45 feet to an angle point; thence running North 41 degrees and 46 minutes West along an old property line fence, a distance of 701.71 feet to a point which is 33.0 feet southeasterly from the centerline of U. S. Highway No. 151 (last described line, if extended to such centerline, strikes it at a point 550.0 feet southwesterly from the point of intersection of said centerline with the North line of Section 21); thence running South 49 degrees and 8 minutes West, parallel with said centerline of Highway No. 151 and 33.0 feet southeasterly therefrom, a distance of 705.7 feet to an angle point; thence running South 47 degrees and 23 minutes West, parallel with said centerline of Highway and 33.0 feet southeasterly therefrom, a distance of 551.5 feet to the easterly line of lands acquired by the Highway Dept. for the intersection with New U.S. Highway No. 41; thence running South 4 degrees and 16 minutes West along said easterly line of lands for intersection, a distance of 319.0 feet to a point which is 100.0 feet, at right angles, easterly from the centerline of the right-of-way for said Highway No. 41; thence running Southeasterly on a curve to the left (radius 9449.34 feet) and along the easterly right-of-way line of said U.S. Highway No. 41, about 1796.5 feet to the end of said curve, this point being South 45 degrees and 23 minutes East a distance of 1793.5 feet from last described corner; thence running South 50 degrees and 49 minutes East along said easterly right-of-way line of Highway No. 41, a distance of 612.0 feet to an angle point; thence running North 36 degrees and 29 minutes East 50.0 feet to a point which is 150.0 feet from aforesaid centerline of Highway No. 41 right-of-way; thence South 50 degrees and 49 minutes East along the right-of-way line for said Highway No. 41, a distance of 467.5 feet to an intersection with the westerly right-of-way line of the Chicago, Milwaukee, St. Paul and Pacific Railway Co.; thence running northeasterly on a curve

to the left, parallel with and 25.0 feet westerly from the centerline of the track of said Railway Company, about 850 feet to the east-west quarter section line of said Section 21; thence running West on said quarter line 5.0 feet; thence running northerly, parallel with and 30.0 feet from the centerline of said track, about 92 feet to the end of aforesaid curve, this point being North 16 degrees and 31 minutes East a distance of 923.5 feet from aforesaid intersection of Highway and Railway right-of-way lines; thence running Northerly along the right of way line of said Railway Co., parallel with and 30.0 feet west from the centerline of the track, a distance of 666.7 feet to the place of beginning; and containing 7[illegible].9 acres of land, more or less; excepting that portion of said premises taken for highway purposes as described in that certain Award of Damagesdated July 29, 1959, and recorded on August 3, 1959, in Vol. 383 of Deeds on page 596.

A parcel of real estate described as commencing at a point in the center of Military Street which point is 4[illegible]0 feet Southwesterly from the intersection of said Street to the North line of Section 21-15-17, and extending thence Southeasterly on a line at right angles with said Military Street for a distance of 613.41 feet; thence extending Easterly on a line parallel with the North line of said Section 21 for a distance of 22[illegible].65 feet to the place of beginning of this description; thence continuing Easterly on a line parallel with the North line of said Section 21 a distance of 719.54 feet to the West line of right-of-way of the Chicago, Milwaukee, St. Paul & Pacific Railway; and thence extending Southerly along said right-of-way for a distance of 1126.95 feet; and thence extending Westerly on a line parallel with the North line of said Section 21 for a distance of 945.19 feet; and thence North 0° 49' West a distance of 969.45 feet, more or less, to a point, which point is 734.7 feet measured on a bearing South 41° 4[illegible]' East from the center line of said Military Street, thence in a Northeasterly direction to the place of beginning. Above land located in the Northeast 1/4 of Section 21-15-17, Fond du Lac County, Wisconsin.

Lot number Five (5) of the Plat of Woodland Court in the City of Fond du Lac, Wisconsin, being a part of Lot number Forty-three (43) of Mihillis Park, City of Fond du Lac, Wisconsin, located in the Northeast 1/4 of Section 22-15-17, Fond du Lac County, Wisconsin.

That portion of the following described lands which lie North of U. S. Highway 41, to-wit: All of the Southeast Quarter (SE 1/4) of Section 21, Township 1[illegible] North of Range 17 East lying East of the Chicago and Northwestern Railroad right-of-way, containing 7[illegible].6 acres and including a 1/2 acre piece lying on the East line of said section on the South side of the road leading to the Poor House where said road intersects said section. Except from the foregoing description, lands conveyed to Wisconsin Power and Light Company by deeds recorded in Vol. [illegible] of Deeds, page [illegible] and Vol. [illegible] of Deeds, page [illegible].

The West One-Half (W 1/2) of the Northwest One-Quarter (NW 1/4) of Section 21 in Township 16 North of Range 18 East, excepting the Railroad Right of Way and further excepting the following described parcel of land: Beginning at a point on the East line of the West half of the Northwest quarter of said Section 21, said point being 1320.3 feet South of the Northeast corner of the West half of the Northwest quarter (W 1/2 NW 1/4) of said Section 21; and thence running South along the East line of the West half of the Northwest quarter (W 1/2 NW 1/4) of said Section 21, a distance of 200.0 feet; thence running West and at right angles from last described line, a distance of 189.0 feet; thence running North a distance of 200.0 feet; thence running East 189.0 feet to the place of beginning; and containing 0.87 acres of land, more or less and being subject to the right of the public in and over the East 33 feet of the above described parcel lying in the right-of-way for the Town Road.

All of Lots 163 and 164 and the North Ten (10)feet of Lot 165, all in J. W. Stow's Addition to the City of Fond du Lac, Wisconsin.

Lot Number Twenty-Eight (28) in the Plat of Bergen's First Addition to the City of Fond du Lac, Wisconsin.

This conveyance is made subject to:

1. Right-of-way contracts given to Michigan-Wisconsin Pipe Line Company under various dates in November and December, 1949 and January, 1950, whereby said Company is granted the use of a strip of land fifty (50) feet in width for gas or oil pipeline purposes as well as the right to install telephone, telegraph and electric lines.

2. i) An easement granted to the Wisconsin Telephone Company over and across a strip of land nine (9) rods in width recorded in Fond du Lac County, Wisconsin, on September 17, 1953, in Volume 369 of Mortgages, page 463.

   ii) An easement reserved to Fond du Lac County in the deed of conveyance to Kiekhaefer Corporation permitting the County to install and maintain sewers within a thirty (30) foot strip of land adjoining the southerly right-of-way of U.S.Highway 151.

   iii) Restrictions as to access to U.S.Highway 41 according to findings of fact and determinations of controlled access made by the Highway Department for the State of Wisconsin which were recorded in Fond du Lac County, Wisconsin, on September 25, 1952, in Volume 354 of Deeds, pages 544 through 547.

3. i) An easement for utility purposes reserved in a conveyance dated April 11, 1940, and recorded in Fond du Lac County, Wisconsin, on April 12, 1940, in Volume 260 of Deeds, pages 226 and 227.

ii) An easement reserved in deed dated June 28, 1930, as to Lot 43 in Mihills Subdivision, for the right to lay drain tile over the South 120 feet of said Lot 43 to the old river bed.

iii) Restrictions imposed upon Lot 43 of Mihills Subdivision, which restrictions provide that for a period of twenty-five (25) years from June 21, 1936, no building shall be erected on said Lot 43 except the North 125 feet thereof.

4. i) Grants of easement from F. H. Sonn and Gertrude Sonn, his wife, dated July 11, 1922, to Wisconsin Power, Light and Heat Company and recorded September 20, 1922 in Volume 208 of Mortgages, pages 19 and 21.

ii) Right-of-way grant by Albert Zeleske to Michigan-Wisconsin Pipe Line Company dated September 1[illegible], 1949, and recorded October 10, 1949, in Volume 32[illegible] of Mortgages, page 3[illegible]2, Fond du Lac County, Wisconsin, which grant was purportedly partially released by instrument recorded June 1, 1959, in Volume 427 of Mortgages, pages 327-328.

iii) Declaration by State Highway Commission recorded September 25, 1952, in Volume 364 of Deeds, pages 544-547.

iv) Highway easement recorded November 6, 1952, in Volume 357 of Deeds, page 477.

v) Limited Highway Easement recorded September 1, 1954, in Volume 374, page [illegible].

5. i) Driveway rights, easement for septic system discharge pipe, rights with respect to well, water system and electric supply, all as set forth and explained in a certain agreement dated October 17, 1968, between Othmar Schmitz and F. D. Humleker and Margaret B. Humleker, recorded October 21, 1968, in Volume 410 of Deeds, page 460, Fond du Lac County, Wisconsin.

[illegible]. i) Water Main Extension Agreement made by the City of Fond du Lac, Wisconsin, and Earl R. Walston and Clem O. Walston recorded July 2[illegible], 1980, in Volume 337 of Mortgages, pages [illegible]6-138.

[illegible]. Land Contract dated December [illegible], [illegible] between Klenhaefer Corporation and Robert H. Wendt and E. Gertrude Wendt, his wife, recorded in Book [illegible] of Mortgages, page [illegible].

[illegible]. i) Grant of easement to Wisconsin Power and Light Company recorded February 2[illegible], 19[illegible] in Volume [illegible] of Mortgages, page [illegible].

ii) Restrictions and limitations contained in permanent [illegible], [illegible] 19[illegible], [illegible].

---

iii) Installment Purchase Contract made between Kiekhaefer and O. L. Steele, Jr. and Marlene C. Steele, his wife, dated August 20, 1958 and recorded September 22, 1958 in Volume 421 of Mortgages, page 176, document No. 158943.

9. Public streets, roads and highways.

10. Indenture of Mortgage made by Kiekhaefer Corporation to Marshall & Ilsley Bank, as Trustee, dated December 1, 1956 and recorded January 17, 1957 as document No. 146762.

11. Property taxes, general and special, for the year 1961 and subsequent years.

12. All applicable zoning and building laws and ordinances and all other governmental restrictions and regulations as may be imposed by or under any laws or ordinances or any governmental body or officer.

IN WITNESS WHEREOF, the said Grantor acting pursuant to the authorization of its Board of Directors and stockholders has caused this deed to be signed by E. C. Kiekhaefer, its President, and countersigned by Robert C. Anderegg, its Secretary, and its corporate seal to be hereunto affixed this 29th day of September, 1961.

KIEKHAEFER CORPORATION

By E. C. Kiekhaefer
E. C. Kiekhaefer, President

Countersigned

By Robert C. Anderegg
Robert C. Anderegg

Signed and sealed in the presence of:

John W. Cavanaugh

Emory S. Naylor Jr

This instrument was drafted by Thomas F. Finch.

STATE OF Illinois }
COUNTY OF Lake } SS.

On this the 29th day of September, 1961, before me, Catherine Keeling, the undersigned officer, personally appeared E. C. Kiekhaefer and Robert C. Anderegg who acknowledged than-

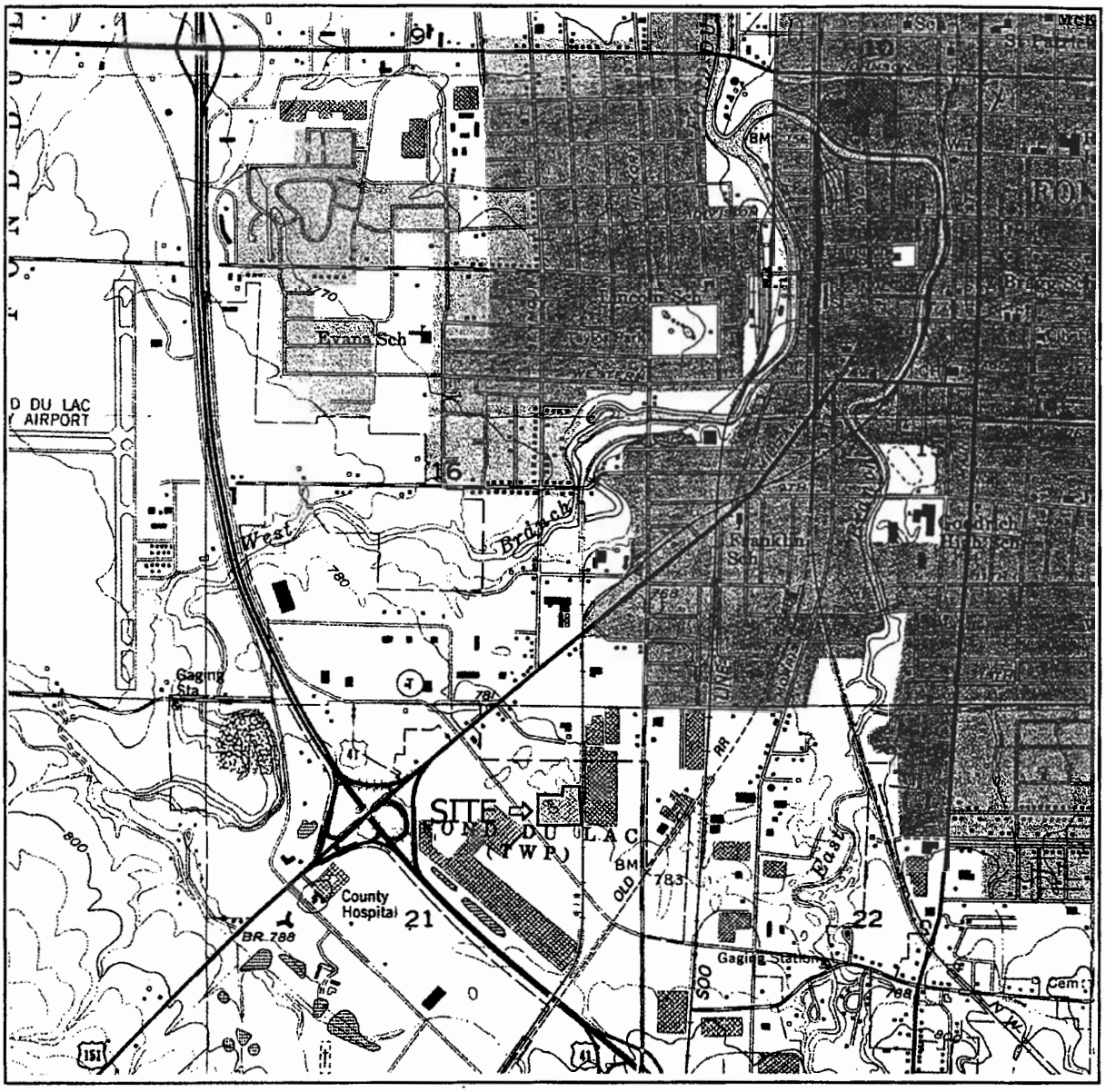
selves to be, respectively, the President and Secretary of Kiekhaefer Corporation, a Wisconsin corporation, and that they as such President and Secretary, respectively, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by themselves as President and Secretary, respectively.

Gertrude Ludwig, Notary Public

My Commission Expires: May 14, 1964

#180583

REGISTER'S OFFICE
Fond du Lac County, Wis.
Recorded this 5 day of
Oct. A.D. 19 61 at 8:00
O'clock A. M. in Vol. 463
of Records on page 81
Kenneth B. Berg
REGISTER OF DEEDS



SE ¼ of the NE ¼ of Sec. 21, T5N, R17E Adapted from U.S.G.S. 7.5 minute series, Fond du Lac, Wisconsin, quadrangle dated 1955 (photorevised 1985).

SCALE 1:24000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

CONTOUR INTERVAL 10 FEET
DOTTED LINES REPRESENT 5-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

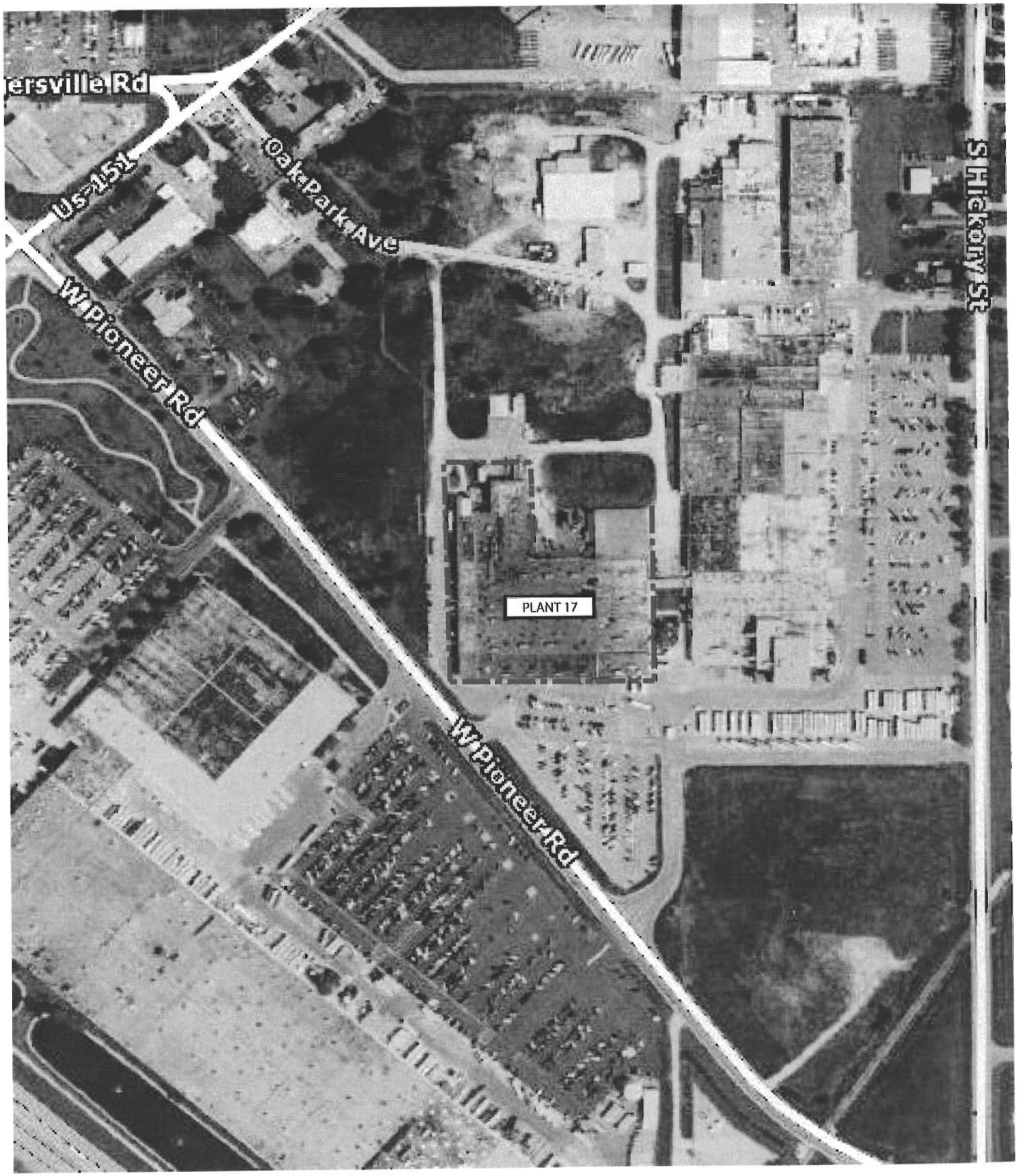
N

Figure 1. Site Location Map
Mercury Marine Plant 17
W6250 Pioneer Rd., Fond du Lac, Wisconsin

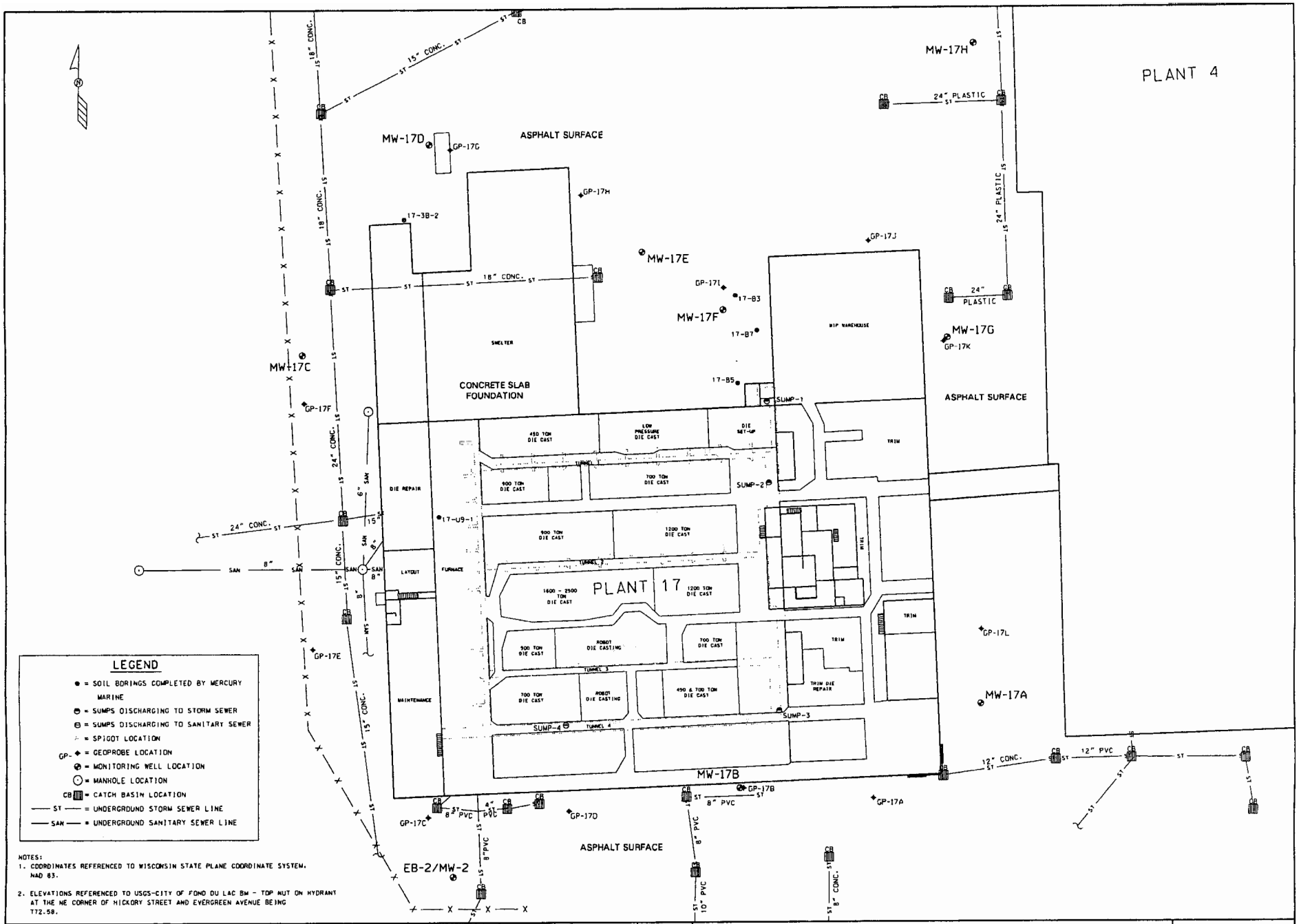
SIGMA
ENVIRONMENTAL SERVICES INC.

6394fig1.ppt

SIGMA



AERIAL PHOTOGRAPH SHOWING PLANT 17



SIGMA ENVIRONMENTAL SERVICES INC.
220 EAST RYAN ROAD
OAK CREEK, WISCONSIN 53154
PHONE : (414) 768 - 7144
1-800-732-4671

SCALE - 1" = 50'-0" 0' 25' 50' 75' 100'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	9-11-02
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

MERCURY MARINE - PLANT 17
FOND DU LAC, WISCONSIN
SITE PLAN MAP

DRAWING NUMBER
6394-007

FIGURE 2

Table 3
Groundwater Quality Results - BTEX and Detects Only
Mercury Marine Plant 17
Fond du Lac, Wisconsin

ANALYTE	Date	EB-2/MW-2					MW-17A				MW-17B					Chapter NR 140	
		03/07/01	12/05/01	03/20/02	06/12/02	07/08/02	09/28/01	12/05/01	03/20/02	07/08/02	09/28/01	12/05/01	03/20/02	06/12/02	07/08/02	ES	PAL
Volatile Organic Compounds																	
Benzene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	5	0.5
Toluene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	1,000	200
Ethylbenzene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	700	140
Xylenes	µg/l	<3.0	<3.0	<3.0	NA	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	<3.0	NA	<3..0	10,000	1000
1,3,5 Trimethylbenzene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	**	**
1,2,4 Trimethylbenzene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	**	**
Trimethylbenzene (Total)	µg/l	<1.0	<2.0	<2.0	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	<2.0	480	96
Methyl Tert Butyl Ether	µg/l	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	60	12
n-Propylbenzene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	**	**
n-Butylbenzene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	**	**
Naphthalene	µg/l	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	40	8
Isopropylbenzene	µg/l	<1.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	**	**
Dibromochloromethane	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	60	6
1,2 Dichloroethane	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	5	0.5
Vinyl Chloride	µg/l	<5.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	0.2	0.02
1,1 Dichloroethene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	7	0.7
1,1 Dichloroethane	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	850	85
trans-1,2 Dichloroethene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	100	20
cis-1,2 Dichloroethene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	70	7
1,1,1 Trichloroethane	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	200	40
Trichloroethene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	5	0.5
Tetrachloroethene	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	5	0.5
Trichlorofluoromethane	µg/l	<5.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	**	**
Chloroethane	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	400	80
Dichlorodifluoromethane	µg/l	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	1000	200
Semi-volatile Organic Compounds																	
bis(2-ethylhexyl)phthalate	µg/l	NA	<5.6	NA	NA	NA	<5.0	<5.0	NA	NA	7.33	<5.0	NA	NA	NA	10	2
Phenol	µg/l	NA	<5.6	NA	NA	NA	<5.0	<5.0	NA	NA	<5.0	<5.0	NA	NA	NA	250000	125000
In Situ Measurements:																	
Carbon Dioxide	mg/l	NA	42	41	40	NA	NA	NA	NA	NA	NA	2.9	11	17	NA	**	**
Ethane	ng/l	NA	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	36	10	12	NA	**	**
Ethene	ng/l	NA	22	<5.0	<5.0	NA	NA	NA	NA	NA	NA	61	<5.0	56	NA	**	**
Methane	ug/l	NA	0.24	4.8	0.45	NA	NA	NA	NA	NA	NA	2.4	19	0.92	NA	**	**
In Situ Measurements:																	
Dissolved Oxygen	mg/L	NA	1.62	3	3.55	NA	1.96	1.42	1.25	NA	1.91	2.25	0.34	0.52	NA	**	**
Redox	mV	NA	NA	119.5	216.4	NA	98.7	NA	NA	NA	75.4	NA	194.3	208.1	NA	**	**
pH	none	NA	NA	7	7	NA	7	NA	7	NA	7	NA	7	7	NA	**	**
Ferrous Iron	mg/L	NA	NA	0	0	NA	0	NA	NA	NA	0	NA	NA	0	NA	**	**
Temperature	C	NA	15.6	10	12.1	NA	16.5	13.5	7.1	NA	20.2	17	12.9	16.8	NA	**	**

Key:

ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
bold = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
bold = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits
** = No Standard Established
mg/L = Milligrams per liter
µS = Microsiemens
mV = Millivolts
C = Celsius
Toluene was detected in the trip blank for the 9/28/01 sampling event at 1.3 ug/L
Toluene was detected in the trip blank for the 3/20/02 sampling event at 1 ug/L

Table 3
Groundwater Quality Results - BTEX and Diesels Only
Mercury Marine Plant 07
Fond du Lac, Wisconsin

ANALYTE	Date	MW-17C				MW-17D					MW-17E				Chapter NR 140	
		09/28/01	12/05/01	03/20/02	07/08/02	09/28/01	12/05/01	03/20/02	08/12/02	07/08/02	09/28/01	12/05/01	03/20/02	07/08/02	ES	PAL
Volatile Organic Compounds																
Benzene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5
Toluene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	1,000	200
Ethylbenzene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	700	140
Xylenes	µg/l	<3.0	<3.0	<3.0	<3..0	<3.0	<3.0	<3.0	NA	<3..0	<3.0	<3.0	<3.0	<3..0	10,000	1000
1,3,5 Trimethylbenzene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
1,2,4 Trimethylbenzene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
Trimethylbenzene (Total	µg/l	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	<2.0	<2.0	<2.0	<2.0	<2.0	480	96
Methyl Tert Butyl Ether	µg/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	60	12
n-Propylbenzene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
n-Butylbenzene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
Naphthalene	µg/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	40	8
Isopropylbenzene	µg/l	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	<5.0	**	**
Dibromochloromethane	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	60	6
1,2 Dichloroethane	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5
Vinyl Chloride	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	0.2	0.02
1,1 Dichloroethene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	7	0.7
1,1 Dichloroethane	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	33	33	44	850	85
trans-1,2 Dichloroethene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	100	20
cis-1,2 Dichloroethene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	70	7
1,1,1 Trichloroethane	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	200	40
Trichloroethene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5
Tetrachloroethene	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5
Trichlorofluoromethane	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
Chloroethane	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	2.4	3.7	3.4	3.1	400	80
Dichlorodifluoromethane	µg/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	<1.0	<1.0	<1.0	<1.0	<1.0	1000	200
Semi-volatile Organic Compounds																
bis(2-ethylhexyl)phthala	µg/l	<5.0	<5.0	NA	NA	<5.0	<5.0	NA	NA	NA	<1300	<5.4	NA	NA	10	2
Phenol	µg/l	<5.0	<5.0	NA	NA	<5.0	<5.0	NA	NA	NA	<130	<5.4	NA	NA	250000	125000
In Situ Measurements:																
Carbon Dioxide	mg/l	NA	NA	NA	NA	NA	130	140	130	NA	NA	NA	NA	NA	**	**
Ethane	ng/l	NA	NA	NA	NA	NA	17	<5.0	<5.0	NA	NA	NA	NA	NA	**	**
Ethene	ng/l	NA	NA	NA	NA	NA	44	<5.0	6.5	NA	NA	NA	NA	NA	**	**
Methane	ug/l	NA	NA	NA	NA	NA	0.83	8.3	0.39	NA	NA	NA	NA	NA	**	**
In Situ Measurements:																
Dissolved Oxygen	mg/L	1.44	NA	3.5	NA	3.55	NA	1.8	0.38	NA	3.43	NA	4.5	NA	**	**
Redox	mV	100.1	NA	216.5	NA	110.6	NA	264	191.3	NA	100.7	NA	246.3	NA	**	**
pH	none	7	NA	7	NA	7	NA	7	7	NA	7	NA	7	NA	**	**
Ferrous Iron	mg/L	0	NA	0	NA	0	NA	0	0	NA	0	NA	0	NA	**	**
Temperature	C	14.5	NA	8.2	NA	14.3	NA	7.7	10.6	NA	14.8	NA	4.8	NA	**	**

Key:

ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
bold = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
bold = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits
** = No Standard Established
mg/L = Milligrams per liter
µS = Microsiemens
mV = Millivolts
C = Celsius
Toluene was detected in the trip blank for the 9/28/01 sampling event at 1.3 ug/L
Toluene was detected in the trip blank for the 3/20/02 sampling event at 1 ug/L

Table 3
Groundwater Quality Results - BTEX and Products Only
Mercury Marine Plant 17
Fond du Lac, Wisconsin

ANALYTE	Date	MW-17F					MW-17G				MW-17H				Chapter NR 140	
		09/28/01	12/05/01	03/20/02	06/12/02	07/08/02	09/28/01	12/05/01	03/20/02	07/08/02	09/28/01	12/05/01	03/20/02	07/08/02	ES	PAL
Volatile Organic Compounds																
Benzene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5
Toluene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1,000	200
Ethylbenzene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	700	140
Xylenes	µg/l	<3.0	<3.0	<30	NA	<3..0	<3.0	<3.0	<3.0	<3..0	<3.0	<3.0	<3.0	<3..0	10,000	1000
1,3,5 Trimethylbenzene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
1,2,4 Trimethylbenzene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
Trimethylbenzene (Total)	µg/l	<2.0	<2.0	<20	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	480	96
Methyl Tert Butyl Ether	µg/l	<5.0	<5.0	<50	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	60	12
n-Propylbenzene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
n-Butylbenzene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
Naphthalene	µg/l	<5.0	<5.0	<50	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	40	8
Isopropylbenzene	µg/l	<5.0	<5.0	<50	NA	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	**	**
Dibromochloromethane	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	60	6
1,2 Dichloroethane	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5
Vinyl Chloride	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.2	0.02
1,1 Dichloroethene	µg/l	**2.5**	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7	0.7
1,1 Dichloroethane	µg/l	**750**	**680**	**670**	NA	**570**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	850	85
trans-1,2 Dichloroethene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	100	20
cis-1,2 Dichloroethene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	70	7
1,1,1 Trichloroethane	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	200	40
Trichloroethene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5
Tetrachloroethene	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	5	0.5
Trichlorofluoromethane	µg/l	<1.0	<1.0	<10	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**	**
Chloroethane	µg/l	**9.6**	15	16	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	400	80
Dichlorodifluoromethane	µg/l	19	27	78	NA	41	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1000	200
Semi-volatile Organic Compounds																
bis(2-ethylhexyl)phthalate	µg/l	<5.0	<5.0	NA	NA	NA	<5.0	<5.0	NA	NA	<5.0	<5.0	NA	NA	10	2
Phenol	µg/l	<5.0	<5.0	NA	NA	NA	<5.0	<5.0	NA	NA	<5.0	<5.0	NA	NA	250000	125000
In Situ Measurements:																
Carbon Dioxide	mg/l	NA	47	34	36	NA	NA	NA	NA	NA	NA	NA	NA	NA	**	**
Ethane	ng/l	NA	61	230	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	**	**
Ethene	ng/l	NA	78	43	6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	**	**
Methane	ug/l	NA	0.73	260	0.56	NA	NA	NA	NA	NA	NA	NA	NA	NA	**	**
In Situ Measurements:																
Dissolved Oxygen	mg/L	0.48	NA	0.41	0.43	NA	3.53	NA	3.62	NA	3.42	NA	2.83	NA	**	**
Redox	mV	60.6	NA	198.2	50.6	NA	100.7	NA	219.3	NA	105.6	NA	230.8	NA	**	**
pH	none	7	NA	7	7	NA	7	NA	7	NA	7	NA	7	NA	**	**
Ferrous Iron	mg/L	0	NA	0.8	0	NA	0	NA	0	NA	0	NA	0	NA	**	**
Temperature	C	16.6	NA	4.6	11.7	NA	16.5	NA	8.3	NA	14.6	NA	7.1	NA	**	**

Key:

ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
bold = Exceeds Wisconsin Administrative Code Chapter NR 140 Enforcement Standard
bold = Exceeds Wisconsin Administrative Code Chapter NR 140 Preventive Action Limits
** = No Standard Established
mg/L = Milligrams per liter
µS = Microsiemens
mV = Millivolts
C = Celsius
Toluene was detected in the trip blank for the 9/28/01 sampling event at 1.3 ug/L
Toluene was detected in the trip blank for the 3/20/02 sampling event at 1 ug/L

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Ground Water Monitoring Only
Mercury Marine
Fond du Lac, Wisconsin

ANALYTE	Date	Sump1 (aqueous phase) 03/07/01	09/28/01	12/05/01	01/22/02	03/20/02	7/8/2002	Sump 1 (oil phase) 09/28/01	Sump 2 03/07/01	04/26/01	09/28/01	12/05/01	01/22/02	03/20/02	7/8/2002	Chapter NR 140 ES	PAL
Volatile Organic Compounds																	
1,1,1-Trichloroethane	µg/l	<50	<50	<50	<5.0	<10	<10	NA	17	14	1.6	160	25	16	9.2	200	40
1,1 Dichloroethane	µg/l	260	<50	<50	17	64	23	NA	70	86	31	880	73	64	62	850	85
1,1-Dichloroethene	µg/l	<50	<50	<50	<5.0	<10	<10	NA	3	3.9	<1.0	40	5.7	2.9	2.2	7	0.7
1,2,4-Trimethylbenzene	µg/l	<50	<50	<50	<5.0	<10	<10	NA	<1.0	8.3	1.4	<20	<1.0	<1.0	<1.0	NS	NS
1,3,5-Trimethylbenzene	µg/l	<50	<50	<50	<5.0	<10	<10	NA	<1.0	2.2	<1.0	<20	<1.0	<1.0	<1.0	NS	NS
Total Trimethylbenzene	µg/l	<100	<100	<100	<10.0	<20	<20	NA	<2.0	10.5	1.4	<40	<2.0	<2.0	<2.0	480	96
2-Butanone (MEK)	µg/l	ND	<1300	<1300	<130	<250	<250	NA	ND	ND	<25	<500	<25	<25	<25	460	90
Acetone	µg/l	<1300	1700	4000	1100	370	210	NA	<25	<25	<25	<500	<25	<25	<25	1,000	200
Chloroethane	µg/l	<250	<50	<50	8.2	21	<10	NA	5.5	6	2.7	88	9.0	5	3.7	400	80
cis-1,2 Dichloroethene	µg/l	780	79	52	56	30	<10	NA	<1.0	<1.0	<1.0	<20	<1.0	<1.0	<1.0	70	7
Dichlorodifluoromethane	µg/l	<50	<50	<50	<5.0	<10	<10	NA	<1.0	<1.0	<1.0	<20	1.3	<1.0	<1.0	1000	200
Naphthalene	µg/l	<250	<250	<250	<25	<50	<50	NA	<5.0	<5.0	<5.0	<100	<5.0	<5.0	<5.0	40	8
Styrene	µg/l	<50	<50	<50	<5.0	<10	<10	NA	<1.0	<1.0	<1.0	<20	<1.0	<1.0	<1.0	100	10
Tetrachloroethene	µg/l	62	<50	<50	<5.0	<10	<10	NA	<1.0	<1.0	<1.0	<20	<1.0	<1.0	<1.0	5	0.5
trans-1,2 Dichloroethene	µg/l	100	<50	<50	<5.0	<10	<10	NA	<1.0	<1.0	<1.0	<20	<1.0	<1.0	<1.0	100	20
Trichloroethene	µg/l	600	<50	<50	<5.0	<10	<10	NA	<1.0	<1.0	<1.0	<20	<1.0	<1.0	<1.0	5	0.5
Vinyl chloride	µg/l	<50	<50	<50	35	<10	<10	NA	<1.0	<1.0	<1.0	<20	2.0	<1.0	<1.0	0.2	0.02
Methyl Iodide	µg/l	<50	<50	<50	<5.0	<10	<10	NA	<1.0	<1.0	<1.0	<20	<1.0	<1.0	<1.0	NS	NS
Styrene	µg/l	<50	<50	<50	<5.0	<10	<10	NA	<1.0	<1.0	<1.0	<20	<1.0	<1.0	<1.0	100	10
Semi-volatile Organic Compounds:																	
bis(2-Ethylhexyl)phthalate	µg/l	140	1470	<1000	NA	NA	NA	NA	75.5	<5.0	239	<5.3	NA	NA	NA	6	0.6
Acenaphthene	µg/l	ND	<50	<1000	NA	NA	NA	NA	ND	ND	<130	<5.3	NA	NA	NA	NS	NS
Dibenzofuran	µg/l	ND	<50	<1000	NA	NA	NA	NA	ND	ND	<130	<5.3	NA	NA	NA	NS	NS
Fluoranthene	µg/l	ND	<50	<1000	NA	NA	NA	NA	ND	ND	<130	<5.3	NA	NA	NA	400	80
Fluorene	µg/l	ND	<50	<1000	NA	NA	NA	NA	ND	ND	<130	<5.3	NA	NA	NA	400	80
Polychlorinated Biphenyls:																	
Aroclor-1254	µg/l	0.61	<0.2	3.2*	NA	0.27	<0.10	<0.97	<0.20	<0.10	2.1	<0.11	<0.1	<0.10	<0.1	NS	NS
Aroclor-1260	µg/l	<0.20	<0.2	<1.0	NA	<0.10	<0.10	<0.97	0.99	<0.10	1.3	<0.11	<0.1	<0.10	<0.1	NS	NS
Total PCBs	µg/l	0.61	<0.4	3.2*	NA	0.27	<0.10	<1.96	0.99	<0.2	3.4	<0.22	<0.2	<0.20	<0.2	0.03	0.003
RCRA Metals (Dissolved):																	
Arsenic	µg/l	1.1	NA	2.1*	2.2*	4*	<1.0	NA	0.93	1.6	NA	<1.0	3.5*	11*	1.1	50	5
Barium	µg/l	12	NA	120	27	22	24	NA	72	79	NA	58	69	75	81	2000	400
Cadmium	µg/l	1.4	NA	<0.2	0.45*	1.2*	<2.0	NA	0.29	<0.10	NA	<0.2	0.63*	3.5*	<0.2	5	0.5
Chromium	µg/l	<1	NA	1.6	8.0	2.1*	1.5	NA	<1	2	NA	<0.6	9.8	5.3*	1.1	100	10
Copper	µg/l	1.5	NA	NA	NA	NA	NA	NA	2.7	1.8	NA	NA	NA	NA	NA	1300	130
Nickel	µg/l	16	NA	NA	NA	NA	NA	NA	31	24	NA	NA	NA	NA	NA	100	20
Selenium	µg/l	<2	NA	2.7*	33*	<1.4	1.6	NA	<2	<2.1	NA	2.6*	50	<1.4	1.6	50	10
Silver	µg/l	<0.20	NA	0.97	<0.4	0.68*	<0.4	NA	<0.20	<0.21	NA	<0.4	0.7	2.1*	<0.4	50	10
Zinc	µg/l	16	NA	NA	NA	NA	NA	NA	22	9.5	NA	NA	NA	NA	NA	5000	2500
Lead	µg/l	NA	NA	0.42*	<2.0	0.51*	<0.4	NA	NA	NA	NA	2.2*	2.0	1.4*	<0.4	15	1.5
General Chemistry Analysis:																	
Biochemical Oxygen Demand	mg/l	7.2	NA	NA	160	NA	NA	NA	360	NA	NA	NA	4.2	NA	NA	**	**
Chloride	mg/l	420	NA	NA	NA	NA	NA	NA	940	NA	NA	NA	NA	NA	NA	250	125
Oil&Grease	mg/l	42	NA	NA	NA	NA	NA	NA	23	NA	NA	NA	NA	NA	NA	**	**
Total Phosphorous	mg/l	0.63	NA	NA	NA	NA	NA	NA	1.6	NA	NA	NA	NA	NA	NA	**	**
Total Suspended Solids	mg/l	1200	NA	NA	390	NA	NA	NA	740	NA	NA	NA	27	NA	NA	**	**

Key:

ES	= Chapter NR 140 Enforcement Standard
PAL	= Chapter NR 140 Preventive Action Limit
bold (boxed)	= Exceeds Chapter NR 140 ES
bold	= Exceeds Chapter NR 140 PAL
**	= No Standard Established
mg/L	= Milligrams per liter
ng/L	= Nanograms per liter
µS	= Microsiemens
mV	= Millivolts
C	= Celsius
*	= Flagged as an estimated result

Groundwater Quality Detections Only
Mercury Marine Plant 17
Fond du Lac, Wisconsin

ANALYTE	Date	Sump 3							Sump 4						Sump 5	Spigot 3B			Chapter NR 140	
		03/07/01	04/26/01	09/28/01	12/05/01	01/22/02	03/20/02	7/8/2002	04/26/01	09/28/01	12/05/01	01/22/02	03/20/02	7/8/2002	05/30/01	05/30/01	09/28/01	12/05/01	ES	PAL
Volatile Organic Compounds																				
1,1,1-Trichloroethane	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	200	40
1,1 Dichloroethane	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	850	85
1,1-Dichloroethene	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	7	0.7
1,2,4-Trimethylbenzene	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	NS	NS
1,3,5-Trimethylbenzene	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	NS	NS
Total Trimethylbenzene	µg/l	<20	<20	<10	NA	<20	<2.0	<10.0	<10	<10	<10	<10	<2.0	<2.0	<2.0	<20	<40	<40	480	96
2-Butanone [MEK]	µg/l	ND	ND	<130	NA	<250	<25	<130	ND	86	56	<130	<25	180	ND	250	140	<500	460	90
Acetone	µg/l	340	420	82	NA	700	110	96	250	370	1300	1100	<25	5200	<25	1000	1100	1100	1,000	200
Chloroethane	µg/l	<50	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	400	80
cis-1,2 Dichloroethene	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	70	7
Dichlorodifluoromethane	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	1.8	<10	<20	<20	1000	200
Naphthalene	µg/l	<50	<50	<25	NA	<50	<1.0	<25	<25	<25	<25	<25	<5.0	<5.0	13	<50	<100	<100	40	8
Styrene	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	6.6	<5.0	<5.0	<5.0	<1.0	1.4	<1.0	<10	<20	<20	100	10
Tetrachloroethene	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	5	0.5
trans-1,2 Dichloroethene	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	100	20
Trichloroethene	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	5	0.5
Vinyl chloride	µg/l	<10	<10	<5.0	NA	<10	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<10	<20	<20	0.2	0.02
Methyl iodide	µg/l	<10	<10	<5.0	NA	<10	1.3	<5.0	<5.0	<5.0	<5.0	<5.0	1.4	<1.0	<1.0	<10	<20	<20	NS	NS
Styrene	µg/l	<10	<10	<5.0	NA	<10	1.9	<5.0	<5.0	<5.0	<5.0	<5.0	3.3	1.4	<1.0	<10	<20	<20	100	10
Semi-volatile Organic Compounds:																				
bis(2-Ethylhexyl)phthalate	µg/l	<250	<250	<7500	NA	NA	NA	NA	<130	<1300	NA	NA	NA	NA	<5.7	<500	<630	<1300	6	0.6
Acenaphthene	µg/l	ND	ND	<7500	NA	NA	NA	NA	ND	<130	NA	NA	NA	NA	22.1	<500	<130	<500	NS	NS
Dibenzofuran	µg/l	ND	ND	<7500	NA	NA	NA	NA	ND	<130	NA	NA	NA	NA	17.2	<500	<130	<500	NS	NS
Fluoranthene	µg/l	ND	ND	<7500	NA	NA	NA	NA	ND	<130	NA	NA	NA	NA	6.82	<500	<130	<500	400	80
Fluorene	µg/l	ND	ND	<7500	NA	NA	NA	NA	ND	<130	NA	NA	NA	NA	12.2	<500	<130	<500	400	80
Polychlorinated Biphenyls:																				
Aroclor-1254	µg/l	<0.20	<0.10	0.2	<4.0	<0.11	<0.10	<0.10	<0.11	0.47	<0.10	NA	<0.10	<0.10	<0.11	<0.10	<0.10	<0.20	NS	NS
Aroclor-1260	µg/l	<0.20	<0.10	<0.10	<4.0	<0.11	<0.10	<0.10	<0.11	0.18	<0.10	NA	<0.10	<0.10	<0.11	<0.10	<0.10	<0.20	NS	NS
Total PCBs	µg/l	<0.4	<0.2	0.2	<8.0	<0.22	<0.20	<0.20	<0.22	0.65	<0.20	NA	<0.20	<0.20	<0.22	<0.2	<0.2	<0.4	0.03	0.003
RCRA Metals (Dissolved):																				
Arsenic	µg/l	4.7	7.9	NA	15	24	34	12	13	NA	5.5	8.2	14	4.8	1.4	5.3	NA	NA	50	5
Barium	µg/l	170	220	NA	100	110	150	150	280	NA	200	160	220	390	47	55	NA	NA	2000	400
Cadmium	µg/l	<0.10	0.15	NA	<0.2	0.68*	4.8*	<0.20	<0.10	NA	<0.2	0.76*	6.6*	<0.2	<0.20	<0.20	NA	NA	5	0.5
Chromium	µg/l	6.1	8.4	NA	18	52	2	28	4.6	NA	2.6	16	49*	6.7	3.3	15	NA	NA	100	10
Copper	µg/l	1.2	4.1	NA	NA	NA	NA	NA	2.5	NA	NA	NA	NA	NA	<2.0	3.6	NA	NA	1300	130
Nickel	µg/l	26	25	NA	NA	NA	NA	NA	50	NA	NA	NA	NA	NA	8.9	12	NA	NA	100	20
Selenium	µg/l	2.6	2.4	NA	3.6*	60	6	7	2.2	NA	<1.4	78	<1.4	3.5	<4.0	<4.0	NA	NA	50	10
Silver	µg/l	<0.20	<0.21	NA	<0.4	1.2	3.5	<0.4	0.28	NA	<0.4	0.65*	4.1*	<0.4	<0.40	1.7	NA	NA	50	10
Zinc	µg/l	13	21	NA	NA	NA	NA	NA	16	NA	NA	NA	NA	NA	21	26	NA	NA	5000	2500
Lead	µg/l	NA	NA	NA	220	<2.0	1.8*	<0.4	NA	NA	180	4.5	2.5*	<0.4	NA	NA	NA	NA	15	1.5
General Chemistry Analysis:																				
Biochemical Oxygen Demand	mg/l	69	NA	NA	NA	310	NA	NA	320	NA	NA	32	NA	NA	<2.0	NA	NA	NA	**	**
Chloride	mg/l	640	NA	NA	NA	NA	NA	NA	1000	NA	NA	NA	NA	NA	33	NA	NA	NA	250	125
Oil&Grease	mg/l	5.1	NA	NA	NA	NA	NA	NA	15	NA	NA	NA	NA	NA	<5.0	NA	NA	NA	**	**
Total Phosphorous	mg/l	0.19	NA	NA	NA	NA	NA	NA	0.097	NA	NA	NA	NA	NA	0.021	NA	NA	NA	**	**
Total Suspended Solids	mg/l	27	NA	NA	NA	12	NA	NA	72	NA	NA	150	NA	NA	6	NA	NA	NA	**	**

Key:

ES	=	Chapter NR 140 Enforcement Standard
PAL	=	Chapter NR 140 Preventive Action Limit
bold	=	Exceeds Chapter NR 140 ES
bold	=	Exceeds Chapter NR 140 PAL
**	=	No Standard Established
mg/L	=	Milligrams per liter
ng/L	=	Nanograms per liter
µS	=	Microsiemens
mV	=	Millivolts
C	=	Celsius
*	=	Flagged as an estimated result

Table 2
Soil Quality Results - Detections Only
Mercury Marine Plant 17
Fond du Lac, Wisconsin

Boring ID	17-B7	17-B3		17-B5	17-U9-1	17-3B-2	NR 720 Soil	NR 746	NR 746
Depth (feet bgs)	2-4	0.5-2	4-6	2-4	2-3	1-2	Cleanup Levels	Table 1	Table 2
Date	2/12/97	02/12/1997	02/12/1997	02/12/1997	07/17/1997	07/17/1997			
Diesel Range Organics	**17**	**160**	NA	**5.5**	NA	**4.3**	100	**	**
Gasoline Range Organics	<1.3	**54**	NA	<1.4	NA	<1.4	100	**	**
Volatile Organic Compounds (µg/kg)									
Ethylbenzene	<14	**50**	<18	<17	<16	<15	2900	4600	**
1,3,5-Trimethylbenzene	**16**	**1100**	**29**	<14	<13	<13	**	11000	**
Dichlorodifluoromethane	<17	<18	**26**	<20	<19	<19	**	**	**
1,1-Dichloroethane	<20	**30**	<29	<23	<22	<21	**	600	540
n-Butylbenzene	<20	**1100**	<24	<23	<22	<21	**	**	**
s-Butylbenzene	<17	**1500**	<21	<20	<19	<19	**	**	**
Isopropylbenzene	<14	**520**	<18	<17	<16	<15	**	**	**
n-Propylbenzene	**30**	<9.5	**28**	**54**	<9.9	<9.5	**	**	**
Metals (mg/kg									
Barium	**12**	**5.6**	NA	**60**	NA	**73**	**	**	**
Cadmium	<0.062	<0.065	NA	**0.16**	NA	**0.31**	510	**	**
Chromium	**5.4**	**4.5**	NA	**18**	NA	**21**	200 (hexavalent)	**	**
Copper	**7.4**	**8.5**	NA	**22**	NA	**24**	**	**	**
Lead	**2.5**	**2.7**	NA	**5.4**	NA	**6.4**	500	**	**
Nickel	**5.8**	**4.2**	NA	**18**	NA	**21**	**	**	**
Silver	**1.7**	**2.8**	NA	**1.2**	NA	**0.69**	**	**	**
Zinc	**13**	**12**	NA	**30**	NA	**35**	**	**	**
Arsenic	**1.8**	**0.62**	NA	**3.4**	NA	**4**	11+	**	**
Mercury	<0.018	**0.24**	NA	**0.044**	NA	**0.034**	**	**	**
Selenium	<0.46	**0.89**	NA	<0.51	NA	<0.49	**	**	**
Phenolics/Semi-volatiles/PCBs (µg/kg)									
Phenolics	**6100**	**6800**	NA	**8700**	NA	NA	**	**	**
Bis(2-ethylhexyl)Phthalate	**75**	**91**	NA	**55**	NA	NA	**	**	**
Aroclor 1254	<4.2	**58**	NA	**100**	NA	**140**	**	**	**

KEY:

NA = Not Analyzed
** = No Standard Established
+ = A site specific RCL for arsenic was established as 11 mg/kg
bold = Detected above laboratory detection limits
DRO and GRO results expressed in milligrams per kilogram (mg/kg)

Table 2
Soil Quality Results - Detections Only
Mercury Marine Plant 17
Fond du Lac, Wisconsin

Boring ID	GP-17A			GP-17B		GP-17C			GP-17D		GP-17E			GP-17F		NR 720 Soil	NR 746	NR 746
Depth (feet bgs)	0-2	4-6	10-12	2-4	6-8	2-4	6-8	10-12	4-6	8-10	0-2	4-6	10-12	4-6	10-12	Cleanup Levels	Table 1	Table 2
Diesel Range Organics	<12.3	<12.1	<12.2	<11.5	<11.6	<12.4	<11.9	<12.5	<12.5	<12.5	<10.8	<11.4	<12	<10.9	<11.9	100	**	**
Gasoline Range Organics	<12	<12	<12	<13	<13	<12	<12	<13	<12	<12	<12	<12	<13	<12	<13	100	**	**
Volatile Organic Compounds (ug/kg)																		
Acetone*	<360	<360	<360	<390	<380	<360	<350	<380	<380	<370	<360	<370	<430	<370	<390	**	**	**
Chloroethane	<180	<180	<180	<190	<190	<180	<170	<190	<190	<190	<180	<180	<220	<180	<190	**	**	**
1,1 Dichloroethane	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	600	540
1,1-Dichloroethene	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	**	**
1,1,1-Trichloroethane	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	**	**
trans-1,2 Dichloroethene	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	**	**
cis-1,2 Dichloroethene	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	**	**
Trichloroethene	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	**	**
Tetrachloroethene	<42	<42	<42	<45	<45	**55**	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	**	**
Vinyl Chloride	<84	<85	<85	<90	<91	<84	<82	<89	<88	<87	<83	<86	<100	<86	<90	**	83000	
1,2,4-Trimethylbenzene	<84	<85	<85	<90	<91	<84	<82	<89	<88	<87	<83	<86	<100	<86	<90	**	11000	
1,3,5-Trimethylbenzene	<84	<85	<85	<90	<91	<84	<82	<89	<88	<87	<83	<86	<100	<86	<90	**	**	**
2-Methylnaphthalene	<180	<180	<180	<190	<190	<180	<170	<190	<190	<190	<180	<180	<220	<180	<190	**	**	**
4-Isopropyltoluene	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	**	**
Ethylbenzene	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	2900	4600	
n-Butylbenzene	<42	<42	<42	<45	<45	<42	<41	<44	<44	<44	<42	<43	<50	<43	<45	**	**	**
n-Propylbenzene	<84	<85	<85	<90	<91	<84	<82	<89	<88	<87	<83	<86	<100	<86	<90	**	**	**
Naphthalene	<180	<180	<180	<190	<190	<180	<170	<190	<190	<190	<180	<180	<220	<180	<190	**	2700	
Xylenes	<126	<127	<127	<135	<136	<126	<123	<132	<132	<132	<125	<129	<150	<129	<135	4100	42000	
Toluene	<84	<85	<85	<90	<91	<84	<82	<89	<88	<87	<83	<86	<100	<86	<90	1500	38000	
Semi-volatile Organic Compounds (ug/kg)																		
bis(2-Ethylhexyl)phthalate	<210	<210	<210	<220	<220	<210	<200	<210	<210	<210	<210	<210	<220	<210	<220	**	**	**
Phenol	<210	<210	<210	<220	<220	<210	<200	<210	<210	<210	<210	<210	<220	<210	<220	**	**	**
Polychlorinated Biphenyls (ug/kg)																		
Aroclor-1254	NA	<40	NA	NA	<43	<41	NA	NA	NA	<42	NA	NA	<43	<41	NA	**	**	**
RCRA Metals (mg/kg)																		
Arsenic	NA	**2.1**	NA	NA	**2.2**	**1.9**	NA	NA	NA	**2.4**	NA	NA	**2.7**	**3.1**	NA	11+	**	**
Barium	NA	**99**	NA	NA	**94**	**86**	NA	NA	NA	**100**	NA	NA	**140**	**120**	NA	**	**	**
Cadmium	NA	**0.13**	NA	NA	**0.15**	**0.14**	NA	NA	NA	**0.14**	NA	NA	**0.15**	**0.13**	NA	510	**	**
Chromium	NA	**22**	NA	NA	**22**	**19**	NA	NA	NA	**20**	NA	NA	**26**	**22**	NA	200 (hexavalent)	**	**
Copper	NA	**31**	NA	NA	**34**	**33**	NA	NA	NA	**30**	NA	NA	**36**	**32**	NA	**	**	**
Lead	NA	**11**	NA	NA	**7.6**	**6.8**	NA	NA	NA	**6.4**	NA	NA	**7.9**	**7.7**	NA	500	**	**
Mercury	NA	<0.023	NA	NA	<0.026	<0.025	NA	NA	NA	<0.023	NA	NA	<0.026	<0.024	NA	**	**	**
Nickel	NA	**29**	NA	NA	**27**	**24**	NA	NA	NA	**32**	NA	NA	**34**	**27**	NA	**	**	**
Selenium	NA	<1.6	NA	NA	<1.8	<2.1	NA	NA	NA	<1.5	NA	NA	<2.3	<1.7	NA	**	**	**
Silver	NA	<0.18	NA	NA	<0.21	<0.24	NA	NA	NA	<0.17	NA	NA	<0.26	<0.20	NA	**	**	**
Zinc	NA	**43**	NA	NA	**48**	**55**	NA	NA	NA	**40**	NA	NA	**51**	**41**	NA	**	**	**

KEY:
* = Acetone was detected in the trip blank at 330 ug/kg
NA = Not Analyzed
+ = A site specific RCL for arsenic was established as 11 mg/kg
** = No Standard Established
bold
DRO and GRO results expressed in milligrams per kilogram (mg/kg)
GP-17A through GP-17L were completed on April 25 and 26, 2001; drum sampling conducted on April 26, 2001

Table 2
Soil Quality Results - Detections Only
Mercury Marine Plant 17
Fond du Lac, Wisconsin

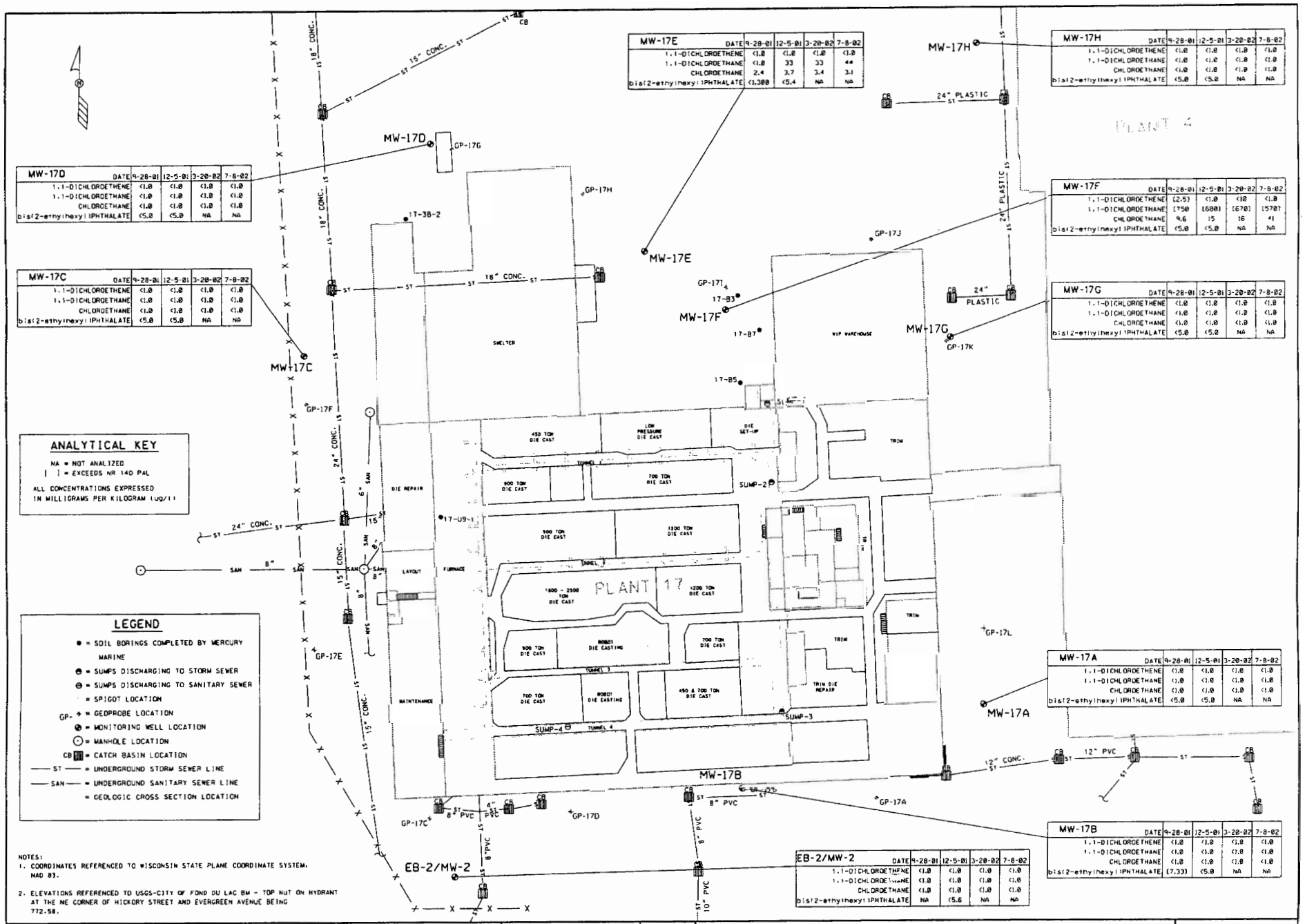
Boring ID	GP-17G			GP-17H		GP-17I		GP-17J			GP-17K		GP-17L			NR 720 Soil	NR 746	NR 746
Depth (feet bgs)	0-2	4-6	8-10	4-6	10-12	4-6	8-10	0-2	4-6	8-10	4-6	10-12	0-4	6-8	10-12	Cleanup Levels	Table 1	Table 2
Diesel Range Organics	<10.3	<11.7	<11.3	<11.1	<11.5	<11.7	<12	**20.5**	<11.7	**14.4**	<10.6	<11.8	<12.6	<11.6	<11.3	100	**	**
Gasoline Range Organics	<12	<13	<12	<12	<13	<13	<12	<13	<13	<13	<12	<13	<14	<13	<13	100	**	**
Volatile Organic Compounds (ug/kg)																		
Acetone*	<350	<390	<380	<370	<380	<380	<370	<580	<570	<420	<360	<370	<410	<380	<380	**	**	**
Chloroethane	<170	<200	<190	<180	<190	<190	<190	<290	<280	<210	<180	<190	<210	<190	<190	**	**	**
1,1 Dichloroethane	<41	<46	<44	<43	<45	<45	<43	<68	<66	<49	<42	<43	<48	<45	<44	**	600	540
1,1-Dichloroethene	<41	<46	<44	<43	<45	<45	<43	<68	<66	<49	<42	<43	<48	<45	<44	**	**	**
1,1,1-Trichloroethane	<41	<46	<44	<43	<45	<45	<43	<68	<66	**80**	<42	<43	<48	<45	<44	**	**	**
trans-1,2 Dichloroethene	<41	<46	<44	<43	<45	<45	<43	<68	<66	<49	<42	<43	<48	<45	<44	**	**	**
cis-1,2 Dichloroethene	<41	<46	<44	<43	<45	<45	<43	<68	<66	<49	<42	<43	<48	<45	<44	**	**	**
Trichloroethene	<41	<46	<44	<43	<45	<45	<43	<68	<66	<49	<42	<43	<48	<45	<44	**	**	**
Tetrachloroethene	<41	<46	<44	<43	<45	<45	<43	<68	<66	<49	<42	<43	<48	<45	<44	**	**	**
Vinyl Chloride	<81	<92	<88	<85	<89	<89	<86	<140	<130	<97	<84	<87	<96	<89	<88	**	83000	
1,2,4-Trimethylbenzene	<81	<92	<88	<85	<89	<89	<86	**1400**	<130	**1400**	<84	<87	<96	<89	<88	**	11000	
1,3,5-Trimethylbenzene	<81	<92	<88	<85	<89	<89	<86	**1200**	<130	**1200**	<84	<87	<96	<89	<88	**	**	**
2-Methylnaphthalene	<170	<200	<190	<180	<190	<190	<190	**430**	<280	**340**	<180	<190	<210	<190	<190	**	**	**
4-Isopropyltoluene	<41	<46	<44	<43	<45	<45	<43	**120**	<66	**110**	<42	<43	<48	<45	<44	**	**	**
Ethylbenzene	<41	<46	<44	<43	<45	<45	<43	<68	<66	<49	<42	<43	<48	<45	<44	2900	4600	
n-Butylbenzene	<41	<46	<44	<43	<45	<45	<43	<68	<66	**58**	<42	<43	<48	<45	<44	**	**	**
n-Propylbenzene	<81	<92	<88	<85	<89	<89	<86	**160**	<130	**150**	<84	<87	<96	<89	<88	**	**	**
Naphthalene	<170	<200	<190	<180	<190	<190	<190	<290	<280	<210	<180	<190	<210	<190	<190	**	2700	
Xylenes	<122	<138	<132	<128	<134	<134	<129	<208	<196	<146	<126	<130	<144	<134	<132	4100	42000	
Toluene	<81	<92	<88	<85	<89	<89	<86	<140	<130	**220**	<84	<87	<96	<89	<88	1500	38000	
Semi-volatile Organic Compounds (ug/kg)																		
bis(2-Ethylhexyl)phthalate	<200	<220	<210	<210	<210	<220	<210	<220	<210	<1100	<210	<210	<1200	<210	<220	**	**	**
Phenol	<200	<220	<210	<210	<210	<220	<210	**742**	**231**	**2860**	<210	<210	<1200	<210	<220	**	**	**
Polychlorinated Biphenyls (ug/kg)																		
Aroclor-1254	NA	NA	<41	<41	NA	NA	<41	NA	<42	NA	NA	<42	<46	NA	NA	**	**	**
RCRA Metals (mg/kg)																		
Arsenic	NA	NA	**2.4**	**2.4**	NA	NA	**3.5**	NA	**1.9**	NA	NA	**2.4**	**4.2**	NA	NA	11+	**	**
Barium	NA	NA	**100**	**84**	NA	NA	**130**	NA	**110**	NA	NA	**82**	**150**	NA	NA	**	**	**
Cadmium	NA	NA	**0.13**	**0.1**	NA	NA	**0.095**	NA	**0.52**	NA	NA	**0.13**	**0.51**	NA	NA	510	**	**
Chromium	NA	NA	**24**	**23**	NA	NA	**25**	NA	**23**	NA	NA	**21**	**24**	NA	NA	200 (hexavalent)	**	**
Copper	NA	NA	**36**	**26**	NA	NA	**33**	NA	**35**	NA	NA	**28**	**30**	NA	NA	**	**	**
Lead	NA	NA	**8.9**	**6.6**	NA	NA	**8.5**	NA	**15**	NA	NA	**6.4**	**16**	NA	NA	500	**	**
Mercury	NA	NA	<0.025	<0.024	NA	NA	<0.024	NA	<0.024	NA	NA	<0.022	<0.027	NA	NA	**	**	**
Nickel	NA	NA	**29**	**22**	NA	NA	**24**	NA	**22**	NA	NA	**23**	**25**	NA	NA	**	**	**
Selenium	NA	NA	<2.1	<2.1	NA	NA	<1.8	NA	<1.7	NA	NA	<1.9	<2.0	NA	NA	**	**	**
Silver	NA	NA	<0.24	<0.23	NA	NA	**0.22**	NA	**0.27**	NA	NA	<0.22	<0.23	NA	NA	**	**	**
Zinc	NA	NA	**48**	**39**	NA	NA	**49**	NA	**54**	NA	NA	**39**	**68**	NA	NA	**	**	**

KEY:
* = Acetone was detected in the trip blank at 330 ug/kg
NA = Not Analyzed
+ = A site specific RCL for arsenic was established as 11 mg/kg
** = No Standard Established
bold = Detected above laboratory detection limits
DRO and GRO results expressed in milligrams per kilogram (mg/kg)
GP-17A through GP-17L were completed on April 25 and 26, 2001; drum sampling conducted on April 26, 2001

Table 2
Soil Quality Results - Detections Only
Mercury Marine Plant 17
Fond du Lac, Wisconsin

Boring ID	MW-17A		MW-17E		MW-17H		NR 720 Soil	NR 746	NR 746
Depth (feet bgs)	4-6	10-12	2-4	8-10	4-6	10-12	Cleanup Levels	Table 1	Table 2
Diesel Range Organics	<3.82	NA	**5.26**	NA	NA	<3.66	100	**	**
Gasoline Range Organics	<3.4	NA	<3.3	NA	NA	<3.2	100	**	**
Volatile Organic Compounds (ug/kg)									
Acetone*	<390	<390	<370	<360	<360	<360	**	**	**
Chloroethane	<190	<190	<180	<180	<180	<180	**	**	**
1,1 Dichloroethane	<45	<45	<43	**67**	<42	<42	**	600	540
1,1-Dichloroethene	<45	<45	<43	<42	<42	<42	**	**	**
1,1,1-Trichloroethane	<45	<45	<43	<42	<42	<42	**	**	**
trans-1,2 Dichloroethene	<45	<45	<43	<42	<42	<42	**	**	**
cis-1,2 Dichloroethene	<45	<45	<43	<42	<42	<42	**	**	**
Trichloroethene	<45	<45	<43	<42	<42	<42	**	**	**
Tetrachloroethene	<45	<45	<43	<42	<42	<42	**	**	**
Vinyl Chloride	<90	<91	<86	<85	<84	<85	**	83000	
1,2,4-Trimethylbenzene	<90	<91	<86	<85	<84	<85	**	11000	
1,3,5-Trimethylbenzene	<90	<91	<86	<85	<84	<85	**	**	**
2-Methylnaphthalene	<190	<190	<180	<180	<180	<180	**	**	**
4-Isopropyltoluene	<45	<45	<43	<42	<42	<42	**	**	**
Ethylbenzene	<45	<45	<43	<42	<42	<42	2900	4600	
n-Butylbenzene	<45	<45	<43	<42	<42	<42	**	**	**
n-Propylbenzene	<90	<91	<86	<85	<84	<85	**	**	**
Naphthalene	<190	<190	<180	<180	<180	<180	**	2700	
Xylenes	<135	<136	<129	<127	<126	<127	4100	42000	
Toluene	<90	<91	<86	<85	<84	<85	1500	38000	
Semi-volatile Organic Compounds (ug/kg)									
bis(2-Ethylhexyl)phthalate	<220	<220	<210	<210	<210	<210	**	**	**
Phenol	<220	<220	<210	<210	<210	<210	**	**	**
Polychlorinated Biphenyls (ug/kg)									
Aroclor-1254	<42	NA	<41	NA	NA	<41	5	**	**
RCRA Metals (mg/kg)									
Arsenic	**0.95**	NA	**1.7**	NA	NA	**2.3**	11+	**	**
Barium	**110**	NA	**150**	NA	NA	**160**	**	**	**
Cadmium	**0.18**	NA	**0.24**	NA	NA	**0.15**	510	**	**
Chromium	**29**	NA	**26**	NA	NA	**32**	200 (hexavalent)	**	**
Copper	**24**	NA	**22**	NA	NA	**37**	**	**	**
Lead	**7.9**	NA	**14**	NA	NA	**8.7**	500	**	**
Mercury	<0.025	NA	**0.0321**	NA	NA	<0.024	**	**	**
Nickel	**28**	NA	**22**	NA	NA	**33**	**	**	**
Selenium	**0.85**	NA	**0.97**	NA	NA	**1**	**	**	**
Silver	<0.26	NA	<0.25	NA	NA	<0.25	**	**	**
Zinc	**46**	NA	**51**	NA	NA	**49**	**	**	**

KEY:
* = Acetone was detected in the trip blank at 330 ug/kg
NA = Not Analyzed
+ = A site specific RCL for arsenic was established as 11 mg/kg
** = No Standard Established
bold = Detected above laboratory detection limits
DRO and GRO results expressed in milligrams per kilogram (mg/kg)
MW-17A through MW-17H were completed on August 29, 2001



MW-17E DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	33	33	44
CHLOROETHANE	2.4	3.7	3.4	3.1
bis(2-ethylhexyl)PHTHALATE	<1,300	<5.4	NA	NA

MW-17H DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	<1.0	<1.0	<1.0
CHLOROETHANE	<1.0	<1.0	<1.0	<1.0
bis(2-ethylhexyl)PHTHALATE	<5.0	<5.0	NA	NA

MW-17D DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	<1.0	<1.0	<1.0
CHLOROETHANE	<1.0	<1.0	<1.0	<1.0
bis(2-ethylhexyl)PHTHALATE	<5.0	<5.0	NA	NA

MW-17F DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	(2.5)	<1.0	<10	<1.0
1,1-DICHLOROETHANE	[750	[680]	[670]	[570]
CHLOROETHANE	9.6	15	16	41
bis(2-ethylhexyl)PHTHALATE	<5.0	<5.0	NA	NA

MW-17C DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	<1.0	<1.0	<1.0
CHLOROETHANE	<1.0	<1.0	<1.0	<1.0
bis(2-ethylhexyl)PHTHALATE	<5.0	<5.0	NA	NA

MW-17G DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	<1.0	<1.0	<1.0
CHLOROETHANE	<1.0	<1.0	<1.0	<1.0
bis(2-ethylhexyl)PHTHALATE	<5.0	<5.0	NA	NA

MW-17A DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	<1.0	<1.0	<1.0
CHLOROETHANE	<1.0	<1.0	<1.0	<1.0
bis(2-ethylhexyl)PHTHALATE	<5.0	<5.0	NA	NA

MW-17B DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	<1.0	<1.0	<1.0
CHLOROETHANE	<1.0	<1.0	<1.0	<1.0
bis(2-ethylhexyl)PHTHALATE	(7.33)	<5.0	NA	NA

EB-2/MW-2 DATE	9-28-01	12-5-01	3-20-02	7-8-02
1,1-DICHLOROETHENE	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHANE	<1.0	<1.0	<1.0	<1.0
CHLOROETHANE	<1.0	<1.0	<1.0	<1.0
bis(2-ethylhexyl)PHTHALATE	NA	<5.6	NA	NA

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OAK CREEK, WISCONSIN 53154
PHONE : (414) 768 - 7144
1-800-732-4671

SCALE - 1" = 50'-0" 0' 25' 50' 75' 100'

NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	9-18-02
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

MERCURY MARINE - PLANT 17
FOND DU LAC, WISCONSIN
GROUNDWATER QUALITY MAP

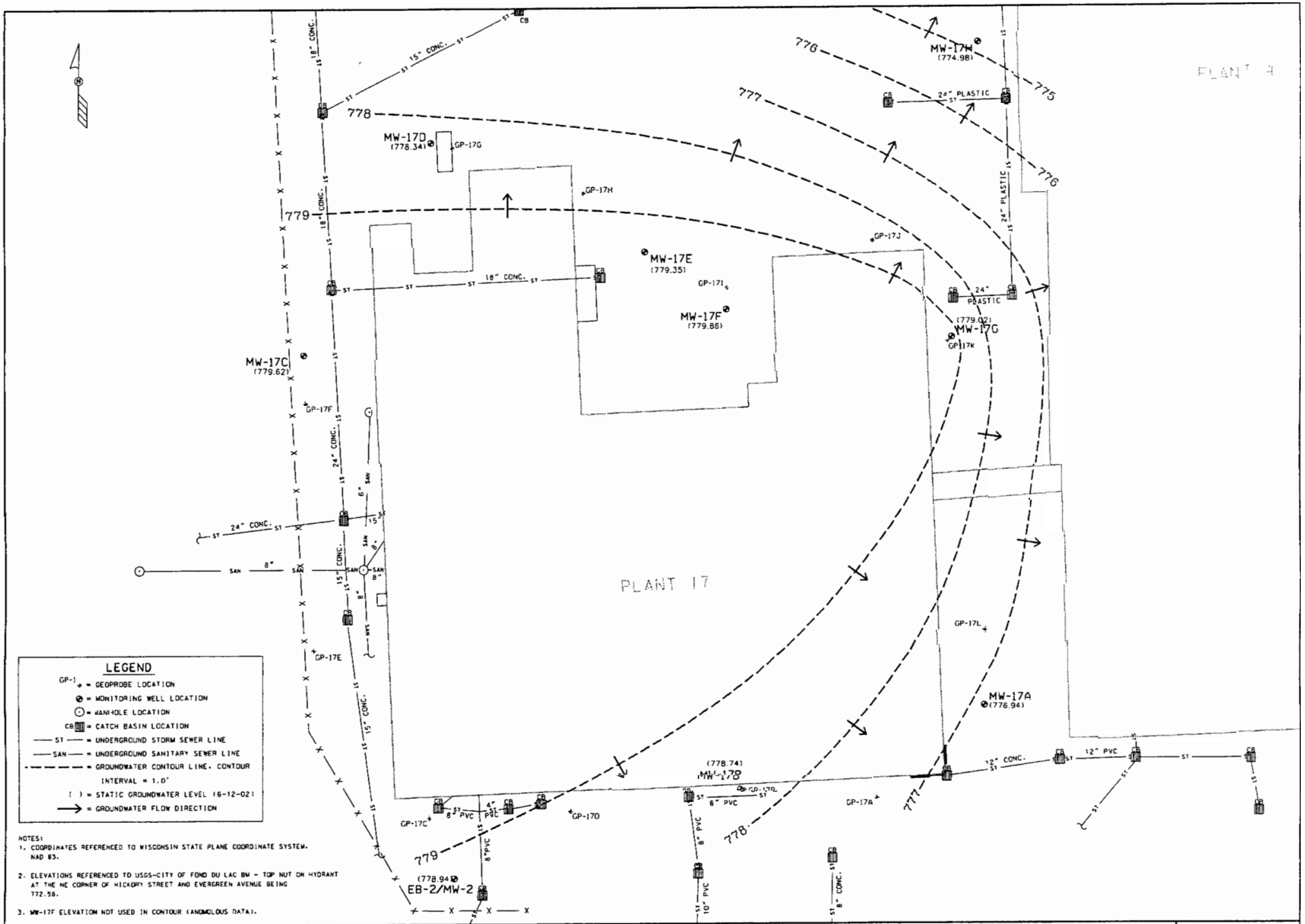
DRAWING NUMBER
6394-011

FIGURE 8

Table 1
Groundwater Elevations
Mercury Marine Plant 17
Fond du Lac, Wisconsin

Monitoring Well	Elevation of Ground Surface	Elevation of Top of Casing	Depth to Groundwater from Top of Casing	Depth to Groundwater from Ground Surface	Groundwater Elevation	Date
EB-2/MW-2	783.24	783.2	4.05	4.51	779.15	12/05/2001
			4.46	4.92	778.74	03/20/2002
			4.26	4.72	778.94	06/12/2002
MW-17A	779.31	778.85	1.94	2.40	776.91	09/20/2001
			2.06	2.52	776.79	09/28/2001
			1.81	2.27	777.04	12/05/2001
			1.80	2.26	777.05	03/20/2002
			1.91	2.37	776.94	06/12/2002
MW-17B	781.7	781.34	2.53	2.89	778.81	09/20/2001
			2.64	3.00	778.70	09/28/2001
			2.55	2.91	778.79	12/05/2001
			2.44	2.80	778.90	03/20/2002
			2.60	2.96	778.74	06/12/2002
MW-17C	781.98	781.76	8.05	8.27	773.71	09/20/2001
			4.17	4.39	777.59	09/28/2001
			1.54	1.76	780.22	12/05/2001
			1.68	1.90	780.08	03/20/2002
			1.84	2.06	779.92	06/12/2002
MW-17D	782.71	782.58	8.27	8.40	774.31	09/20/2001
			7.14	7.27	775.44	09/28/2001
			3.99	4.12	778.59	12/05/2001
			3.86	3.99	778.72	03/20/2002
			4.24	4.37	778.34	06/12/2002
MW-17E	782.94	782.51	10.93	11.36	771.58	09/20/2001
			0.90	1.33	781.61	09/28/2001
			3.78	4.21	778.73	12/05/2001
			0.00	0.43	782.51	03/20/2002
			3.16	3.59	779.35	06/12/2002
MW-17F	782.91	782.73	2.02	2.20	780.71	09/20/2001
			9.71	9.89	773.02	09/28/2001
			0.00	0.18	782.73	12/05/2001
			1.25	1.43	781.48	03/20/2002
			2.87	3.05	779.86	06/12/2002
MW-17G	782.32	781.57	2.40	3.15	779.17	09/20/2001
			2.55	3.30	779.02	09/28/2001
			2.40	3.15	779.17	12/05/2001
			2.15	2.90	779.42	03/20/2002
			2.55	3.30	779.02	06/12/2002
MW-17H	779.66	779.41	8.37	8.62	771.04	09/20/2001
			6.87	7.12	772.54	09/28/2001
			4.21	4.46	775.20	12/05/2001
			2.90	3.15	776.51	03/20/2002
			4.43	4.68	774.98	06/12/2002

Elevations taken relative to mean sea level.



NOTES:
1. COORDINATES REFERENCED TO WISCONSIN STATE PLANE COORDINATE SYSTEM. NAD 83.
2. ELEVATIONS REFERENCED TO USGS-CITY OF FOND DU LAC BM - TOP NUT ON HYDRANT AT THE NE CORNER OF HICKORY STREET AND EVERGREEN AVENUE BEING 772.58.
3. MW-17F ELEVATION NOT USED IN CONTOUR (ANOMOLOUS DATA).

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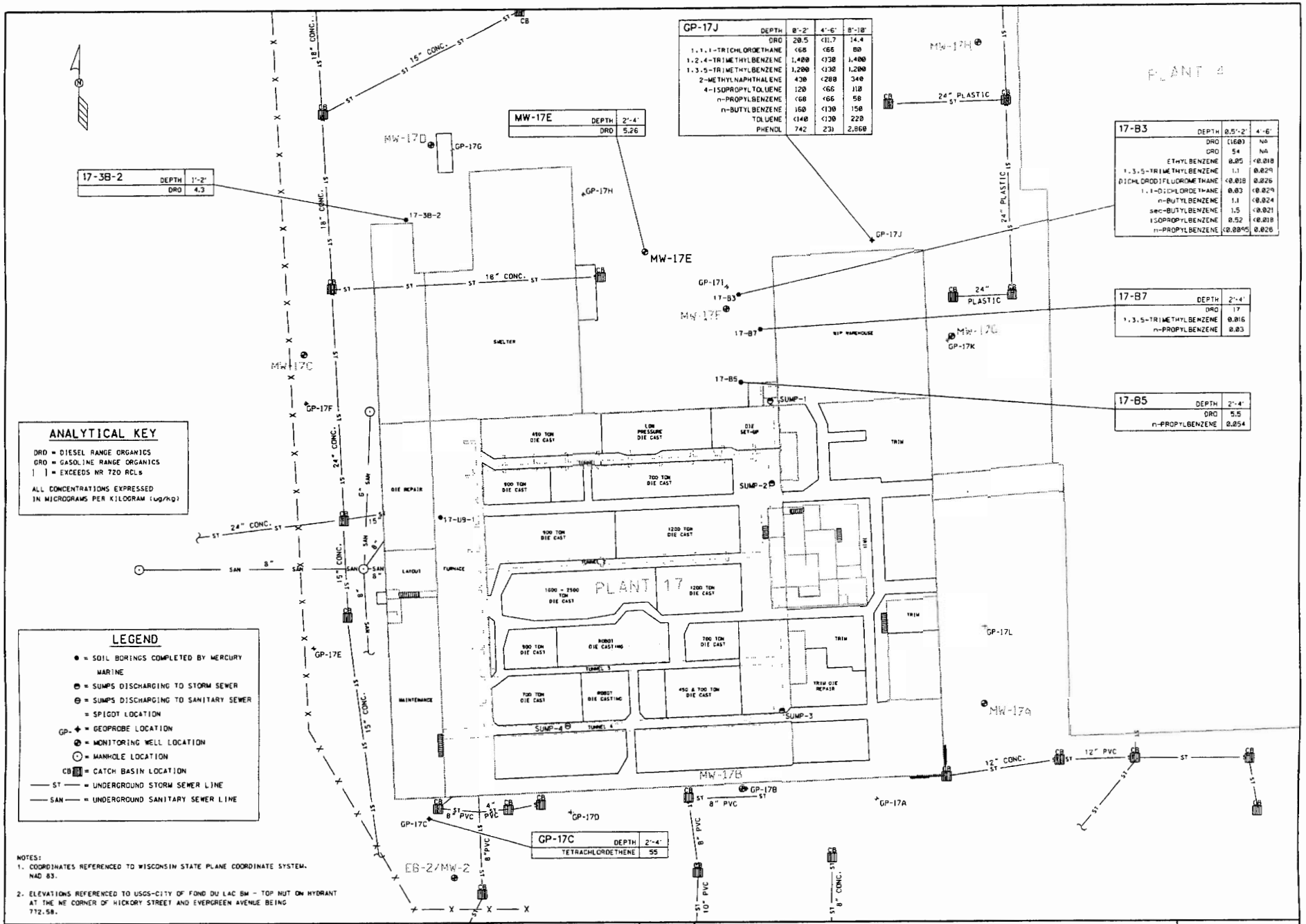
NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	9-11-02
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

MERCURY MARINE - PLANT 17
FOND DU LAC, WISCONSIN
GROUNDWATER CONTOUR MAP (6-12-02)

DRAWING NUMBER 6394-008

FIGURE 6



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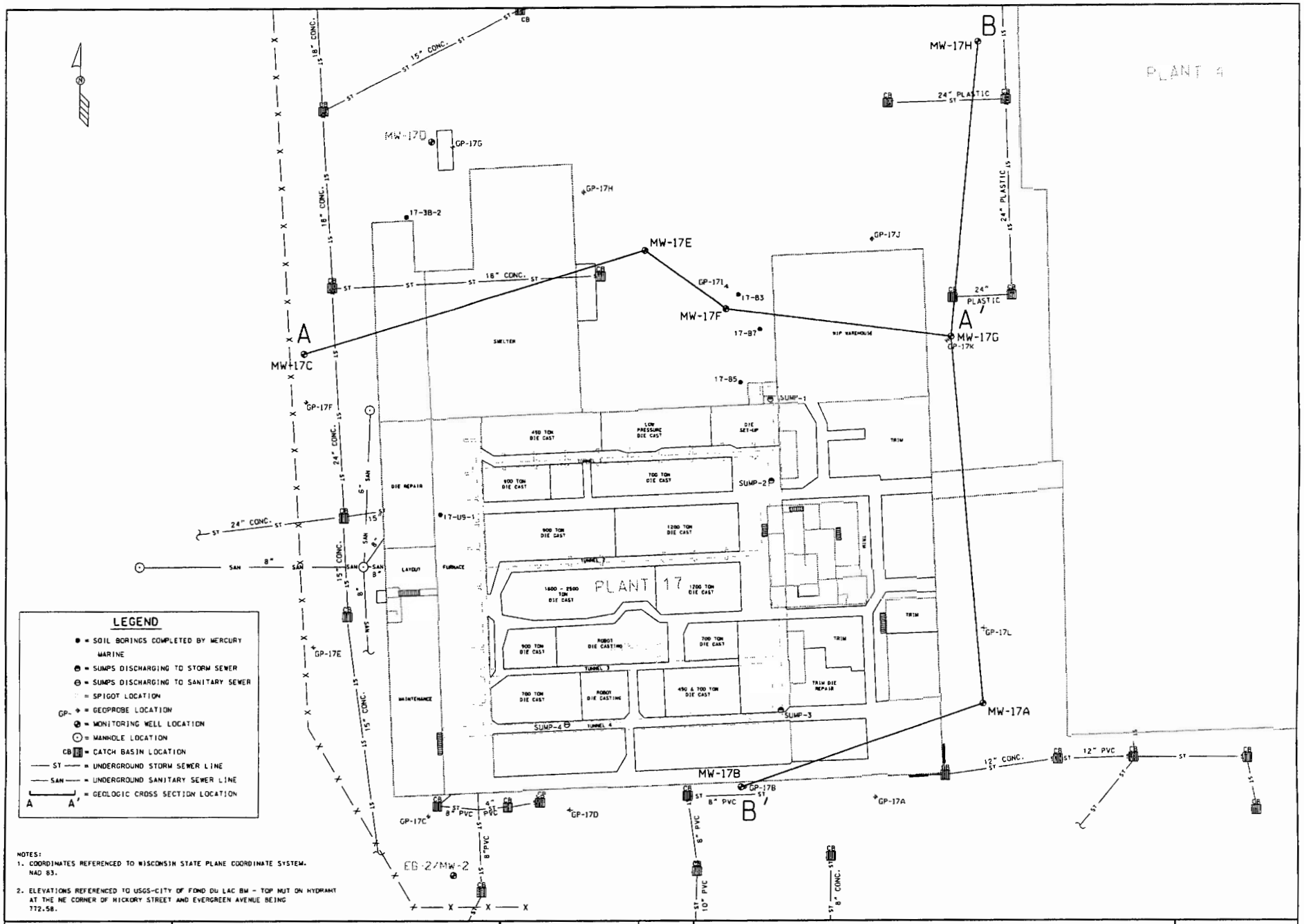
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

MERCURY MARINE - PLANT 17
FOND DU LAC, WISCONSIN
SOIL QUALITY MAP

DRAWING NUMBER
6394-010

FIGURE 7



NOTES:
1. COORDINATES REFERENCED TO WISCONSIN STATE PLANE COORDINATE SYSTEM. NAD 83.
2. ELEVATIONS REFERENCED TO USGS-CITY OF FOND DU LAC BM - TOP NUT ON HYDRANT AT THE NE CORNER OF HICKORY STREET AND EVERGREEN AVENUE BEING 772.58.

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	NAME:	DATE:
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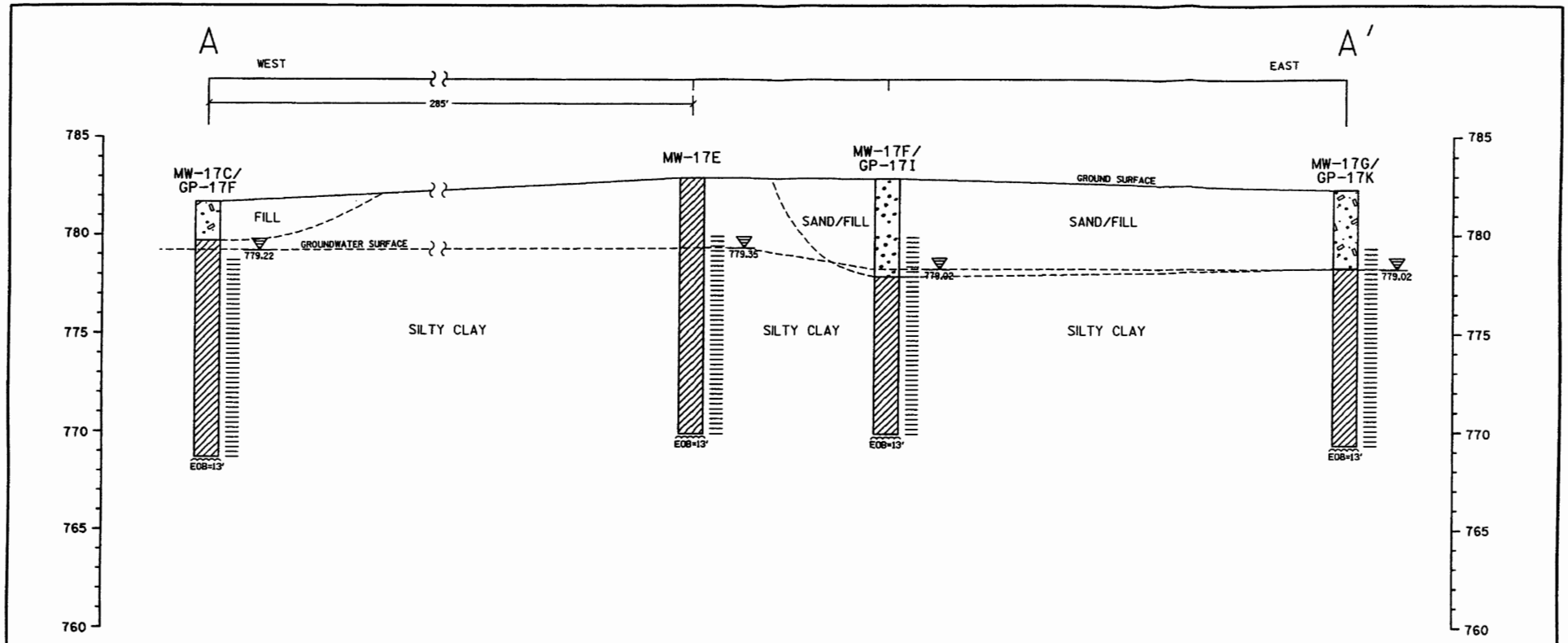
APPROVED BY:		

MERCURY MARINE - PLANT 17
FOND DU LAC, WISCONSIN
GEOLOGIC CROSS SECTION LOCATION MAP

DRAWING NUMBER
6394-009

FIGURE 3



USCS SYMBOLS

CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SAND CLAYS, SILTY CLAYS, LEAN CLAYS.

SW - WELL - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.

NON-USCS SYMBOLS

FILL MATERIAL

LEGEND

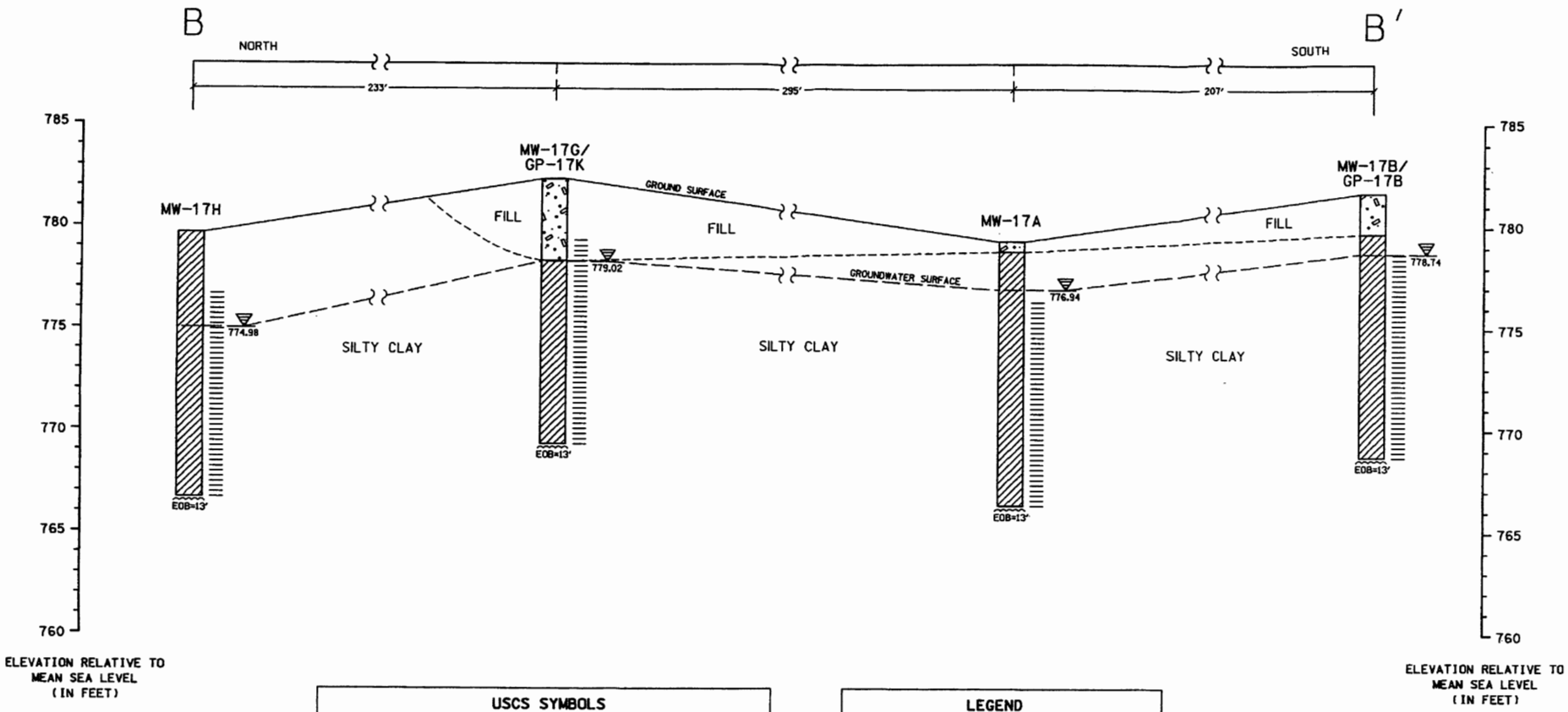
= WELL SCREEN INTERVAL

= STATIC WATER LEVEL (MEASURED 6-12-02)

------ = INFERRED CONTACT

NOTES:
HORIZONTAL SCALE 1" = 40'
VERTICAL SCALE 1" = 5'

MERCURY MARINE - PLANT 17 FOND DU LAC, WISCONSIN			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 9-19-02	DR. BY: BEB	DR.# 6394-012	SCALE: SEE NOTES
GEOLOGIC CROSS SECTION A - A'			FIGURE 4



USCS SYMBOLS

CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SAND CLAYS, SILTY CLAYS, LEAN CLAYS.

NON-USCS SYMBOLS

FILL MATERIAL

LEGEND

= WELL SCREEN INTERVAL

= STATIC WATER LEVEL (MEASURED 6-12-02)

------ = INFERRED CONTACT

NOTES:
HORIZONTAL SCALE - SEE DIMENSIONS
VERTICAL SCALE 1" = 5'

MERCURY MARINE - PLANT 17 FOND DU LAC, WISCONSIN			SIGMA ENVIRONMENTAL SERVICES INC.
DATE: 9-19-02	DR. BY: BEB	DR.# 6394-013	SCALE: SEE NOTES
GEOLOGIC CROSS SECTION B - B'			FIGURE 5

STATEMENT BY RESPONSIBLE PARTY

Mercury Marine, the responsible party for the Plant 17 property located at W6250 Pioneer Road, Fond du Lac, Wisconsin, states that the legal description provided to the Wisconsin Department of Commerce (and attached to this statement) for case file reference 02-20-259378 is complete and accurate to the best of our knowledge.

Craig F. Douglas — 3/27/07

Signature of Representative for Responsible Party: Date:

PARCEL #: **FDL-15-17-21-11-007-00** LEGAL DESCRIPTION

SEC 21-15-17, UNPL LAND DESC AS: COMM NE COR NE1/4 SEC 21, TH W ALG N LI SEC 21 60FT TO W LI S HICKORY ST, TH CONT W ALG N LI SEC 21 150FT TO POB, TH CONT W ALG N LI SEC 21 586.5FT M/L TO W LI VACATED CMSTP&P RR ROW, TH CONT W ALG N LI SEC 21 590.7FT, TH SWLY 280.4FT TO A PT ON E LI OAK PARK AVE SD PT BEING 220FT SE ALG SD E LI FROM SLY LI OF S MILITARY RD, TH SELY ALG E LI OAK PARK AVE ROW 289.16FT TO END, TH SWLY 60FT TO W LI OAK PARK AVE ROW AND NE COR LOT 2 OF CSM #2128 V11-117, TH SLY ALG E LI LOT 2 OF CSM #2128 233.43FT TO SE COR SD LOT 2, TH WLY ALG S LI LOT 2 OF CSM #2128 234.85FT TO SW COR SD LOT 2, TH S40*52'E 94.27FT, TH SWLY 213.06FT TO A PT ON E LI W PIONEER RD SD PT BEING 310FT M/L S OF SW COR CSM #242 V3-41, TH SELY ALG W PIONEER RD ROW 2205.7FT M/L TOW LI OF WILD GOOSE STATE PARK TRAIL (FORMERLY C&NW RR ROW),TH NELY ALG W LI WILD GOOSE STATE PARK TRAIL 597FT M/L TO W LI S HICKORY ST, TH NLY ALG W LI S HICKORY ST ROW 1599.51FT M/L TO A PT 489.99FT S OF N LI SEC 21, TH WLY AND P/W N LI SEC 21 170FT, TH NLY AND P/W W LI S HICKORY ST ROW 181.24FT, TH ELY AND P/W N LI SEC 21 20FT, TH NLY AND P/W W LI S HICKORY ST ROW 308.75FT TO N LI SEC 21 AND POB.