GIS REGISTRY
Cover Sheet

May, 2009
(RR 5367)

Source Property Information

CLOSURE DATE: Feb 11, 2003

BRRTS #: **03-71-000174**

FID #: 471036500

ACTIVITY NAME: MERCURY MARINE PLT 33

DATCP #:

PROPERTY ADDRESS: 505 MARION RD

COMM #: 54901479905

MUNICIPALITY: OSHKOSH

PARCEL ID #: 90102300100

***WTM COORDINATES:**

X: **636312** Y: **394930**

** Coordinates are in WTM83, NAD83 (1991)*

WTM COORDINATES REPRESENT:

- (●) Approximate Center Of Contaminant Source
- ( ) Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- [x] Groundwater Contamination > ES *(236)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property")*

- [x] Soil Contamination > *RCL or **SSRCL *(232)*
  - [ ] Contamination in ROW
  - [ ] Off-Source Contamination

  *(**note:** for list of off-source properties see "Impacted Off-Source Property")*

Land Use Controls:

- [ ] N/A (*Not Applicable*)
- [ ] Soil: maintain industrial zoning *(220)*

  *(**note:** soil contamination concentrations between non-industrial and industrial levels)*
- [ ] Structural Impediment *(224)*
- [ ] Site Specific Condition *(228)*
- [x] Cover or Barrier *(222)*

  *(**note:** maintenance plan for groundwater or direct contact)*
- [ ] Vapor Mitigation *(226)*
- [ ] Maintain Liability Exemption *(230)*

  *(**note:** local government or economic development corporation)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? *(234)*

(●) Yes ( ) No ( ) N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

GIS Registry Checklist

This Adobe Fillable form is intended to provide a list of information that is required for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request. The closure of a case means that the Department has determined that no further response is required at that time based on the information that has been submitted to the Department.

NOTICE: Completion of this form is mandatory for applications for case closure pursuant to ch. 292, Wis. Stats. and ch. NR 726, Wis. Adm. Code, including cases closed under ch. NR 746 and ch. NR 726. The Department will not consider, or act upon your application, unless all applicable sections are completed on this form and the closure fee and any other applicable fees, required under ch. NR 749, Wis. Adm. Code, Table 1 are included. It is not the Department's intention to use any personally identifiable information from this form for any purpose other than reviewing closure requests and determining the need for additional response action. The Department may provide this information to requesters as required by Wisconsin's Open Records law [ss. 19.31 - 19.39, Wis. Stats.].

BRRTS #: 03-71-000174 PARCEL ID #: 90102300100

ACTIVITY NAME: MERCURY MARINE PLT 33 WTM COORDINATES: X: 636312 Y: 394930

CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [x] **Closure Letter**
- [x] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [x] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** for VPLE sites

SOURCE LEGAL DOCUMENTS

- [x] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [ ] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

  Figure #: **Title:**
- [ ] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

MAPS (meeting the visual aid requirements of s. NR 716.15(2)(h))

Maps must be no larger than 8.5 x 14 inches unless the map is submitted electronically.

- [x] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  Note: *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*

  Figure #: na **Title: na**
- [x] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 1 **Title: Soil Boring, Monitoring Well and Geoprobe Map**
- [x] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, <u>this map is to show the location of all contaminated soil and a single contour</u> showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.

  Figure #: 7, 8, 9, 10 **Title: 4 soil sample results maps**

BRRTS #: 03-71-000174 ACTIVITY NAME: MERCURY MARINE PLT 33

MAPS (continued)

☒ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

Figure #: A1 thru A6 **Title: 6 geologic cross-section maps**

Figure #: A3 **Title: Oxford Area Cross Section A-A'**

☒ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
Note: *This is intended to show the total area of contaminated groundwater.*

Figure #: 5 **Title: Benzene Distribution In Groundwater August 1999**

☒ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

Figure #: 4 **Title: Groundwater Contour Map August 1999**

Figure #: **Title:**

TABLES (meeting the requirements of s. NR 716.15(2)(h)(3))

Tables must be no larger than 8.5 x 14 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
Note: This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

Table #: **Title:**

☒ **Groundwater Analytical Table:** Table(s) that show the most recent analytical results and collection dates, for all monitoring wells and any potable wells for which samples have been collected.

Table #: 1, 7, 11, 14 **Title: 12 pages gw lab results**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

Table #: **Title:**

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
Note: *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☐ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
Note: *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

Figure #: **Title:**

☐ **Well Construction Report:** Form 4440-113A for the applicable monitoring wells.

☐ **Deed:** The most recent deed as well as legal descriptions for each property where a monitoring well was not properly abandoned.

☐ **Notification Letter:** Copy of the notification letter to the affected property owner(s).

BRRTS #: 03-71-000174 ACTIVITY NAME: MERCURY MARINE PLT 33

NOTIFICATIONS

Source Property

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

Number of "Off-Source" Letters:

☐ **Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
Note: *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

☐ **Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).

Number of "Governmental Unit/Right-Of-Way Owner" Letters:

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TDD 920-492-5912

February 11, 2003

Mr. Ray Moreno
Mercury Marine
W6250 Pioneer Road
P.O. Box 1939
Fond du Lac, Wisconsin 54936-1939

Subject: Case Closure, Mercury Marine Plant 33, 505 Marion Road, Oshkosh, Wisconsin
BRRTS # 03-71-000174

Dear Mr. Moreno:

The above case has been reviewed for closure by the Northeast Region Closure Committee. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On December 19, 2000, you were notified that the Closure Committee had granted conditional closure to this case.

The Department has received the documents needed for this case to comply with the conditions of closure. A groundwater use and a soil deed restriction has been filed with the Winnebago County Register of Deeds for the contamination left on-site. Based on the correspondence and data provided, it appears that your case meets the requirements of ch. NR 726, 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

If this is a PECFA site, section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

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 company's efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 920-492-5861.

Yours truly,

Alan Thomas Nass, PG, PS
Hydrogeologist

OCT 1 1 2002

WI DNR RECEIVED OCT 15 2002 WASTE/RR

1203119

REGISTER'S OFFICE
WINNEBAGO COUNTY, WI
RECORDED ON

10-01-2002 02:18 PM

SUSAN WINNINGHOFF
REGISTER OF DEEDS

RECORDING FEE 21.00
TRANSFER FEE
OF PAGES 6

Document Number | DEED RESTRICTION

Recording Area

Name and Return Address
Mercury Marine
Environmental Department
W6250 Pioneer Road
P.O. Box 1939
Fond du Lac, WI 54936-1939

Parcel Identification Number (PIN)

Declaration of Restrictions

In Re: Lots One (1), Two (2), Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), and Ten (10) of Block "O" in Western Addition, in the First Ward, City of Oshkosh.

All as also described in Exhibit A.

STATE OF WISCONSIN)
) ss
COUNTY OF WINNEBAGO)

WHEREAS, Brunswick Corporation, a Delaware Corporation, is the owner of the above-described property.

WHEREAS, one or more petroleum discharges have occurred on this property. Petroleum-contaminated groundwater above Ch. NR 140, Wis. Adm. Code enforcement standards existed on this property at the following locations on the following dates: at extraction well 33E92-2 on August 9, 1999, methyl tert-butyl ether (MTBE) at 120 micrograms per liter (ug/l), at monitoring well 33W-14 on August 9, 1999, benzene at 30 ug/l, at extraction well 33E92-1 on November 7, 2000, benzene at 452 ug/l, at extraction well 33E93-009 on August 9, 1999, benzene at 6.8 ug/l, at extraction well 33E93-010 on August 9, 1999, benzene at 400 ug/l, at monitoring well 33W-15 on August 9, 1999, benzene at 40 ug/l, and at monitoring well TMW-32 on November 6, 2000, benzene at 13.6 ug/l and MTBE at 77.3 ug/l, and petroleum-contaminated soil existed on the property at the following locations on the following dates: soil boring 33GP-40 on June 28, 1995, benzene at 5.9 milligrams per kilogram (mg/kg), at 33GP-42 on June 28, 1995, Diesel Range Organics (DRO) at 1,100 milligrams per kilogram (mg/kg), benzene at <5,000 micrograms per kilogram (ug/kg), ethylbenzene at <5,000 ug/kg, toluene at <5,000 ug/kg, and xylenes at <15,000 ug/kg, at soil boring 33GP-42A on August 18, 1995, benzene at <500 ug/kg, at soil boring 33GP-46 on June 29, 1995, DRO at 189 mg/kg and benzene at <500 ug/kg, and at soil boring 33GP-55 on August 18, 1995, benzene at 7.2 ug/kg. The locations of these monitoring wells and soil borings are shown on Figure 1 attached and hereby made part of this exhibit. Due to the limited soil analysis completed above the water table, additional petroleum contamination may remain in the soil beneath the cap and buildings but above the watertable across much of the site. These sites of possible petroleum contamination along with known

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contamination at monitoring wells and soil borings are shown on Figure 1 attached and hereby made part of this exhibit.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further groundwater or soil remediation activities on the property at the present time.

WHEREAS, natural attenuation has been approved by the Department of Natural Resources to remediate groundwater contamination exceeding ch. NR 140, Wis. Adm. Code groundwater standards within the boundaries of this property.

WHEREAS, construction of wells where the water quality does not comply with drinking water standards in ch. NR 809, Wis. Adm. Code is restricted by chs. NR 811 and NR 812, Wis. Adm. Code. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied and improved subject to the following limitation and restrictions:

> 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, or it successor agency, to determine what specific requirements are applicable, prior to constructing or reconstructing a well on this property. No well may be constructed on this property unless applicable requirements are met.
>
> If construction is proposed on this property that will require dewatering, or if groundwater is to be otherwise extracted from this property, while this groundwater use restriction is in effect, the groundwater shall be sampled and analyzed for contaminants that were previously detected on the property and any extracted groundwater shall be managed in compliance with applicable statutes and rules.
>
> 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 Wisconsin Department of Natural Resources or its successor or assign: (1) Removal of the concrete and/or asphalt 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, 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. In addition, the cap or cover shall be maintained in compliance with a plan submitted to the Wisconsin Department of Natural Resources by a responsible party, as required by section NR 724.13(2), Wis. Adm. Code (1999).

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction benefits and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, James C. Hubbard asserts that he is duly authorized to sign this document on behalf of the Brunswick Corporation.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 20 day of December, 2001.

Signature: James C. Hubbard
Printed Name: James C. Hubbard
Title: Senior Vice President and Chief of Staff

Subscribed and sworn to before me
this 20 day of December, 2001.

Mary K. Hay
Notary Public, State of WISCONSIN
My commission 3-10-02

This document was drafted by the Wisconsin Department of Natural Resources based on information provided by Mercury Marine's Environmental Department.

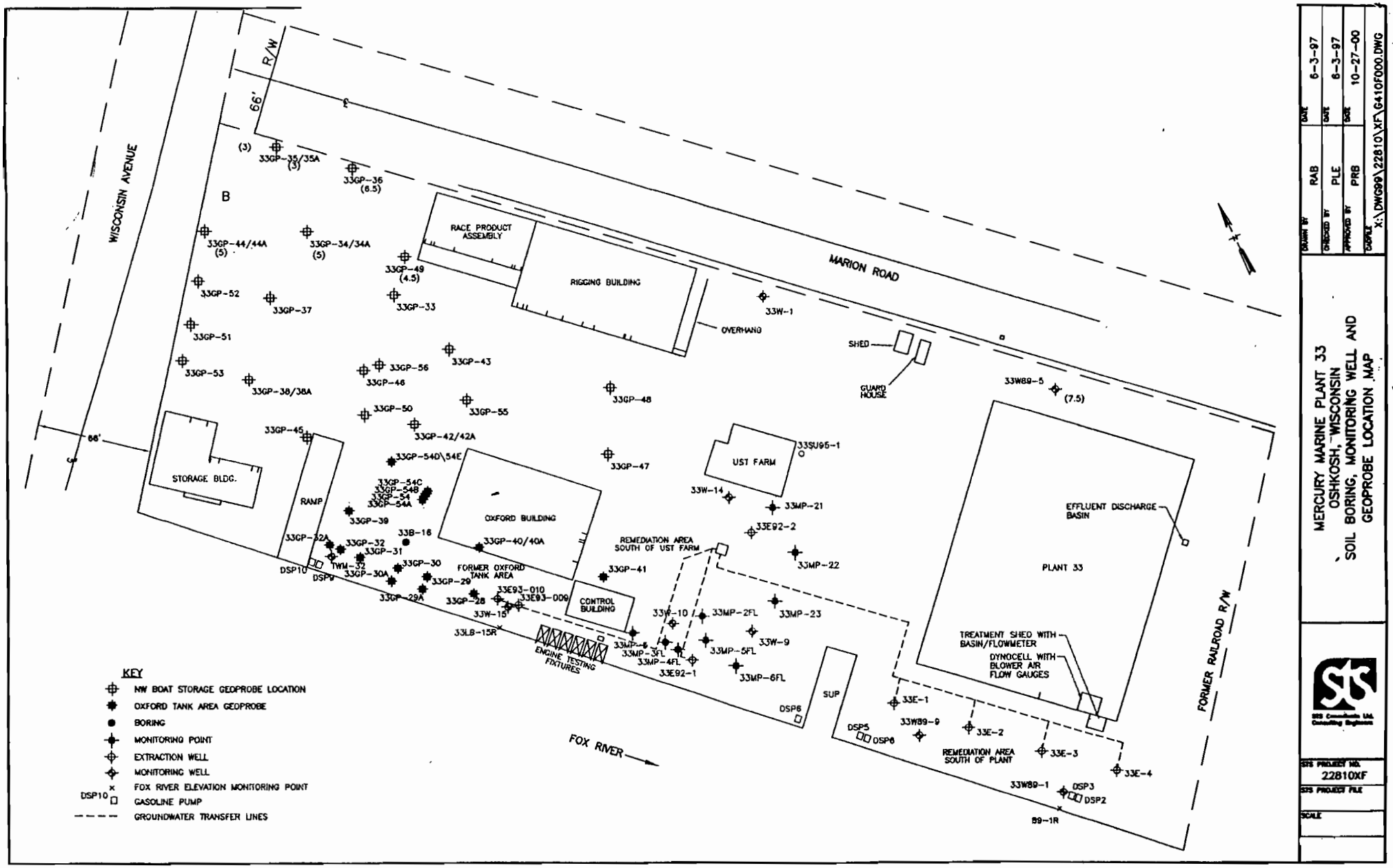

MERCURY MARINE PLANT 33
OSHKOSH, WISCONSIN
SOIL BORING, MONITORING WELL AND
GEOPROBE LOCATION MAP
DRAWN BY RAB DATE 6-3-97
CHECKED BY PLE DATE 6-3-97
APPROVED BY PRB DATE 10-27-00
COPYFILE X:\DWG99\22810\XF\G410F000.DWG
SES PROJECT NO. 22810XF
SES PROJECT FILE
SCALE
WISCONSIN AVENUE
R/W
66'
MARION ROAD
FOX RIVER
FORMER RAILROAD R/W
RACE PRODUCT ASSEMBLY
RIGGING BUILDING
OVERHANG
SHED
GUARD HOUSE
STORAGE BLDG.
RAMP
OXFORD BUILDING
FORMER OXFORD TANK AREA
CONTROL BUILDING
ENGINE TESTING FIXTURES
UST FARM
REMEDIATION AREA SOUTH OF UST FARM
EFFLUENT DISCHARGE BASIN
PLANT 33
TREATMENT SHED WITH BASIN/FLOWMETER
DYNOCELL WITH BLOWER AIR FLOW GAUGES
REMEDIATION AREA SOUTH OF PLANT
SUP
KEY
NW BOAT STORAGE GEOPROBE LOCATION
OXFORD TANK AREA GEOPROBE
BORING
MONITORING POINT
EXTRACTION WELL
MONITORING WELL
FOX RIVER ELEVATION MONITORING POINT
GASOLINE PUMP
GROUNDWATER TRANSFER LINES

Figure 1

WI DNR
RECEIVED
NER WASTE/RR

MERCURY MARINE PLANT 33
505 MARION ROAD
OSHKOSH, 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 Numbers 03-71-000174 and 03-71-212698. 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 33 is located at 505 Marion Road in the City of Oshkosh in Winnebago County, Wisconsin in the SW ¼ of the NE ¼ of Section 23, T18N, R16E. The site consists of Lots One (1) through Ten (10) of Block "O" in the Western Addition, First Ward, City of Oshkosh. The site layout is displayed on attached Figure 1.

Nature and Extent of Contamination

Petroleum contamination in soil at the site was the result of leakage from gasoline underground storage tank systems operated by Mercury Marine (BRRTS No. 03-71-000174) and previous site owners (BRRTS No. 03-71-212698). The nature and extent of contamination are described in the site investigation reports and closure requests prepared by STS Consultants, Ltd. of Green Bay, Wisconsin. WDNR conditional case closures for both BRRTS cases were approved pending: (1) filing of a soil deed restriction, (2) submittal of a cap maintenance plan, (3) abandonment of monitoring wells and, for Case 03-71-000174, (4) filing of a groundwater use restriction. Areas of remaining soil contamination are described in the soil deed restriction for the property.

Cap Maintenance Activities

The cap consists of the existing asphalt and concrete pavement and building flooring.

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 concrete and/or asphalt 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 WDNR and Property Owner contacts for this site at the time of submittal of this plan are listed below. The property owner and agency contacts may change over time.

WDNR Site Contact

Mr. Kevin McKnight
Wisconsin Department of Natural Resources
Bureau of Remediation and Redevelopment
625 East County Road Y
Suite 700
Oshkosh, Wisconsin 54901-9731
(920) 424-7890

Property Owner Contact

Mr. Tom Baumgartner
Director of Environmental Compliance
Mercury Marine
W 6250 Pioneer Road
P.O. Box 1939
Fond du Lac, Wisconsin 54936-1939
(920) 929-5379

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Ronald W. Kazmierczak, Regional Director

Northeast Region Headquarters
1125 N. Military Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-492-5800
FAX 920-492-5913
TDD 920-492-5912

December 19, 2000

Mr. Ray Moreno
Mercury Marine
6250 West Pioneer Road
P.O. Box 1939
Fond du Lac, Wisconsin 54935-1939

Subject: Case Closure with Soil and Groundwater Use Deed Restriction, Mercury Marine Plant 33, 505 Marion Street, Fond du Lac, Wisconsin
BRRTS # : 03-71-000174

Dear Mr. Moreno:

The Bureau for Remediation and Redevelopment's Northeast Region Closure Committee has reviewed the above referenced case and has agreed to close this site pending the completion and filing of a soil and groundwater use deed restriction and the publishing of a public notice. This soil and groundwater use deed restriction will state that inaccessible soil and groundwater contamination may remain at this site and that additional remedial action is not feasible at this time. The document would be placed in the file with the deed running with the property. The public notice would basically state that soil contamination remains at the property and is capped (blacktop/concrete/buildings).

Only when the soil and groundwater use deed restriction has been finalized and filed with Winnebago County and proof of filing the soil and groundwater use deed restriction has been received by the Department, can this site be closed. To expedite the completion of the soil and groundwater use deed restriction and closure process, the Department requests that you submit the following:

- a complete, legible and unabbreviated legal description of the property
- a copy of the most recent deed for your property
- available maps, such as a survey map, showing the property boundaries, building outlines and monitoring well/piezometer locations

If you do not have these documents they can be obtained from the Winnebago County Register of Deeds. Once this information is received, the Department will send you a draft copy of the soil and groundwater use deed restriction containing language regarding the remaining petroleum contamination. If the draft is accurate and acceptable, please sign it, file it with the Register of Deeds office and return a copy of the signed and filed restriction to the Department for our records. The Department must also receive documentation of proper abandonment of

any and all monitoring wells, extraction wells, piezometers, sumps and soil venting systems if you do not intend to perform long term monitoring at your site. Once all this information is received, the site will be conditionally closed.

This soil and groundwater use deed restriction is an option that the Department can offer in order to conditionally close this site. If you choose not to accept this option you will need to perform additional investigation and cleanup of the remaining contamination. Within **14 days** of receipt of this notice please submit a letter to the Department documenting your intentions.

If you have any additional relevant information concerning this matter which was not formerly provided to the Department, you should submit this information to the Department for reevaluation.

If you have any questions, please contact me in Green Bay at 920-492-5861.

Yours truly,

Alan Thomas Nass

Alan Thomas Nass, P.G., P.S.
Hydrogeologist

cc: Paul Killian, STS, 1035 Kepler Drive, Green Bay, Wisconsin 54311-8320

Exhibit A

WARRANTY DEED—Corporation To Corporation. Form 137 VOL 1229 PAGE 636

Form of No. 2 Sections 235.16 Wisconsin Statutes

This Indenture, Made this 24 day of January, A. D., 1969

between Pipkorn Fuel and Supply Company

a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Oshkosh, Wisconsin, party of the first part, and Brunswick Corporation,

, a Corporation duly organized and existing under and by virtue of the laws of the State of Delaware, licensed to do business in Wisconsin, located at Oshkosh, Wisconsin, party of the second part,

Witnesseth, That the said party of the first part, for and in consideration of the sum of

One Dollar and other valuable consideration

to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate, situated in the County of Winnebago and State of Wisconsin, to-wit:

Lots One (1), Two (2), Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), and Ten (10) of Block "O" in WESTERN ADDITION, in the First Ward, City of Oshkosh.

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

To Have and to Hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its successors and assigns FOREVER.

And the said Pipkorn Fuel and Supply Company, party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever,

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

4-1179

In Witness Whereof, the said Pipkorn Fuel and Supply Company party of the first part, has caused these presents to be signed by Donna Pipkorn Saloman its President, and countersigned by Robert R. Lipinski its Secretary, at Oshkosh, Wisconsin, and its corporate seal to be hereunto affixed, this 7th day of January, A. D., 1969.

SIGNED AND SEALED IN PRESENCE OF

Lewis C. Magnusen

Marjorie Kerrigan

PIPKORN FUEL & SUPPLY COMPANY
(Corporate Name)

Donna Pipkorn Saloman
COUNTERSIGNED: Donna Pipkorn Saloman, President

Robert R. Lipinski
Robert R. Lipinski, Secretary

THIS INSTRUMENT WAS DRAFTED BY
Lewis C. Magnusen, Atty.,
Oshkosh, Wisconsin.

State of Wisconsin,
Winnebago County. } ss.

Personally came before me, this 7th day of January, A. D., 1969 Donna Pipkorn Saloman, President, and Robert R. Lipinski, Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

Lewis C. Magnusen
Notary Public, Winnebago County, Wis.
My commission is permanent

Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary. Section 59.513 similarly requires that the name of the person who, or governmental agency which, drafted such instrument, shall be printed, typewritten, stamped or written thereon in a legible manner).

No. 379503

Pipkorn Fuel and Supply Company

TO

Brunswick Corporation

Premises

Warranty Deed

This Instrument should be immediately placed upon record to avoid future trouble and litigation.

REGISTER'S OFFICE,
State of Wisconsin, } ss.
WINNEBAGO County,

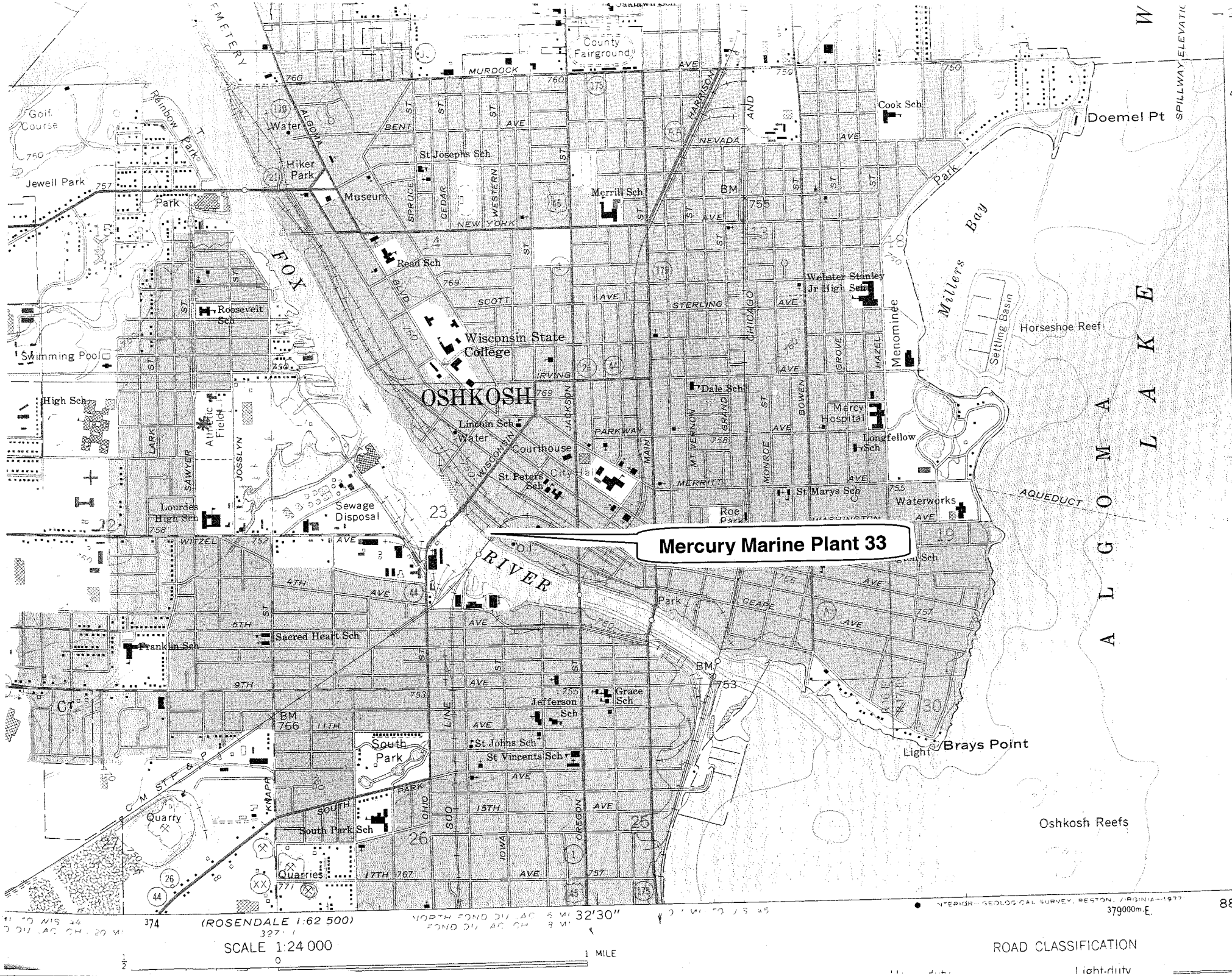
Received for Record this 22nd day of January, A. D., 19 69, at 3:00 o'clock P. M., and recorded in Vol. 1229 RECORDS page 636

Ruth Fernstable
Register of Deeds.

Deputy.

Schmitt Abst. & Title

Chg 3.00


Mercury Marine Plant 33
OSHKOSH
FOX
RIVER
ALGOMA
LAKE
Millers Bay
Doemel Pt
Brays Point
Oshkosh Reefs
Horseshoe Reef
Settling Basin
Wisconsin State College
County Fairground
Golf Course
Jewell Park
Rainbow Park
Hiker Park
Museum
Water
St Josephs Sch
Merrill Sch
Read Sch
Roosevelt Sch
Swimming Pool
High Sch
Athletic Field
Lourdes High Sch
Sewage Disposal
Lincoln Sch
Courthouse
City Hall
St Peters Sch
Dale Sch
Mercy Hospital
Longfellow Sch
St Marys Sch
Waterworks
Roe Park
Webster Stanley Jr High Sch
Menominee
Cook Sch
Franklin Sch
Sacred Heart Sch
Jefferson Sch
Grace Sch
St Johns Sch
St Vincents Sch
South Park
South Park Sch
Quarry
Quarries
Park
Oil
Light
BM 766
BM 755
BM 753
MURDOCK AVE
BENT AVE
NEVADA AVE
NEW YORK AVE
SCOTT AVE
STERLING AVE
IRVING AVE
PARKWAY
MERRITT AVE
WASHINGTON AVE
CEARE AVE
WITZEL AVE
4TH AVE
5TH AVE
9TH AVE
11TH AVE
15TH AVE
17TH AVE
SOUTH PARK
AQUEDUCT
SPILLWAY ELEVATION
CEMETERY
ALGOMA BLVD
HARRISON AND CHICAGO
WISCONSIN
JACKSON
MAIN
MT VERNON
GRAND
MONROE
BOWEN
GROVE
HAZEL
SPRUCE
CEDAR
WESTERN
LARK
SAWYER
JOSSLYN
KNAPP
OHIO
LINE
SOO
IOWA
OREGON
C M ST P & P
(ROSENDALE 1:62 500)
NORTH FOND DU LAC 6 MI
FOND DU LAC CH 8 MI
32'30"
88° 30'
379000m.E.
INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1977
SCALE 1:24 000
1 MILE
ROAD CLASSIFICATION
Light-duty

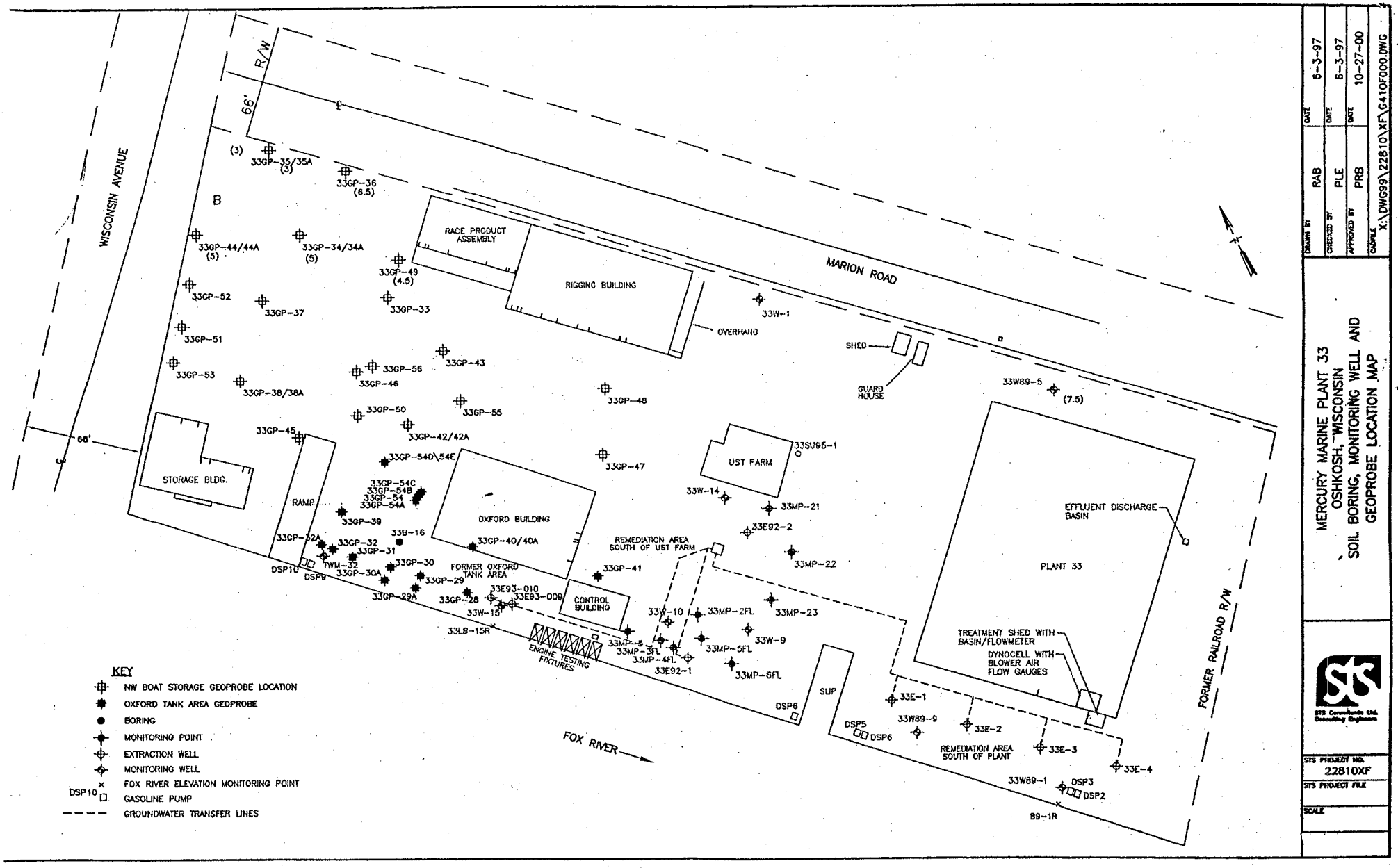
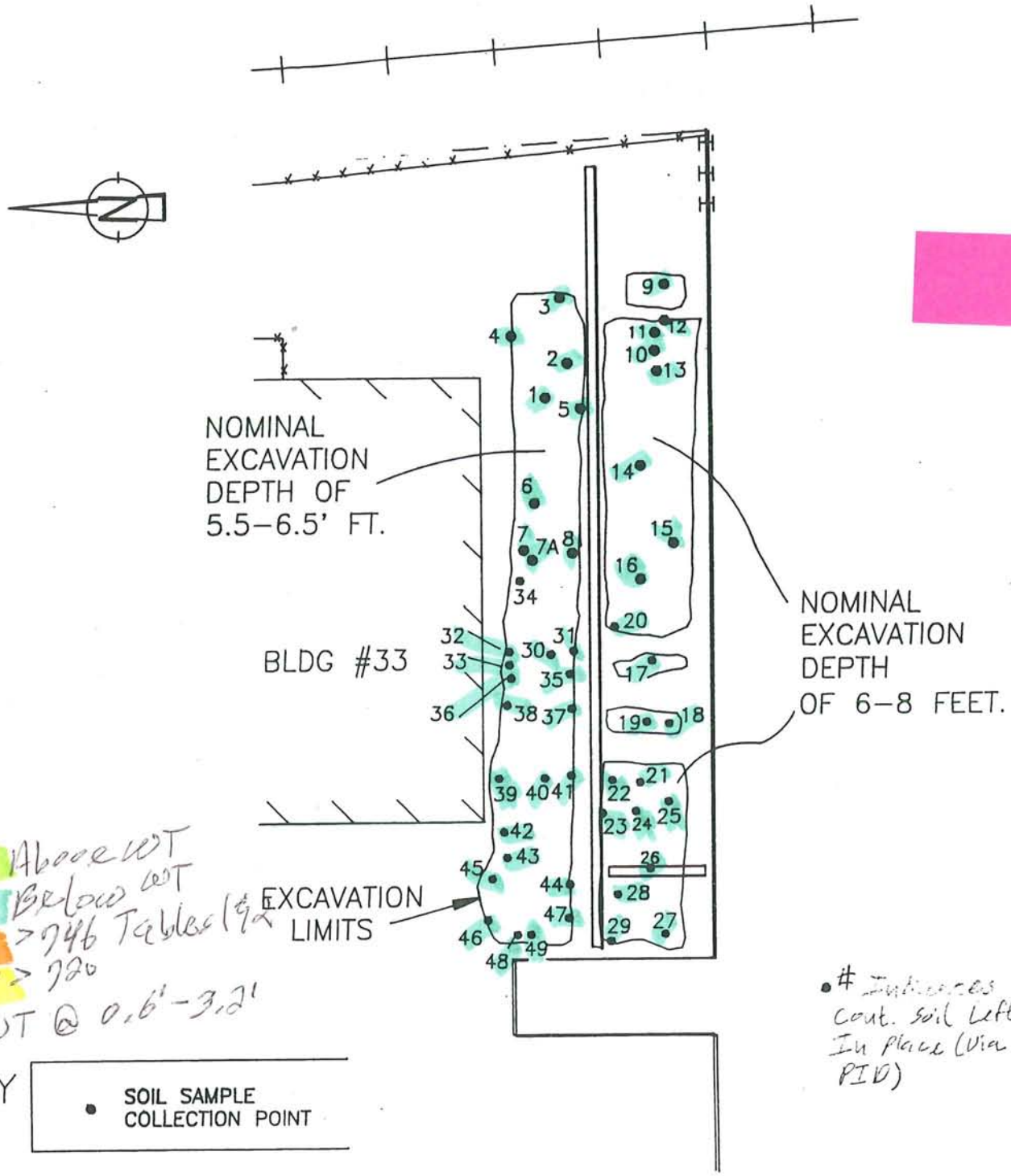
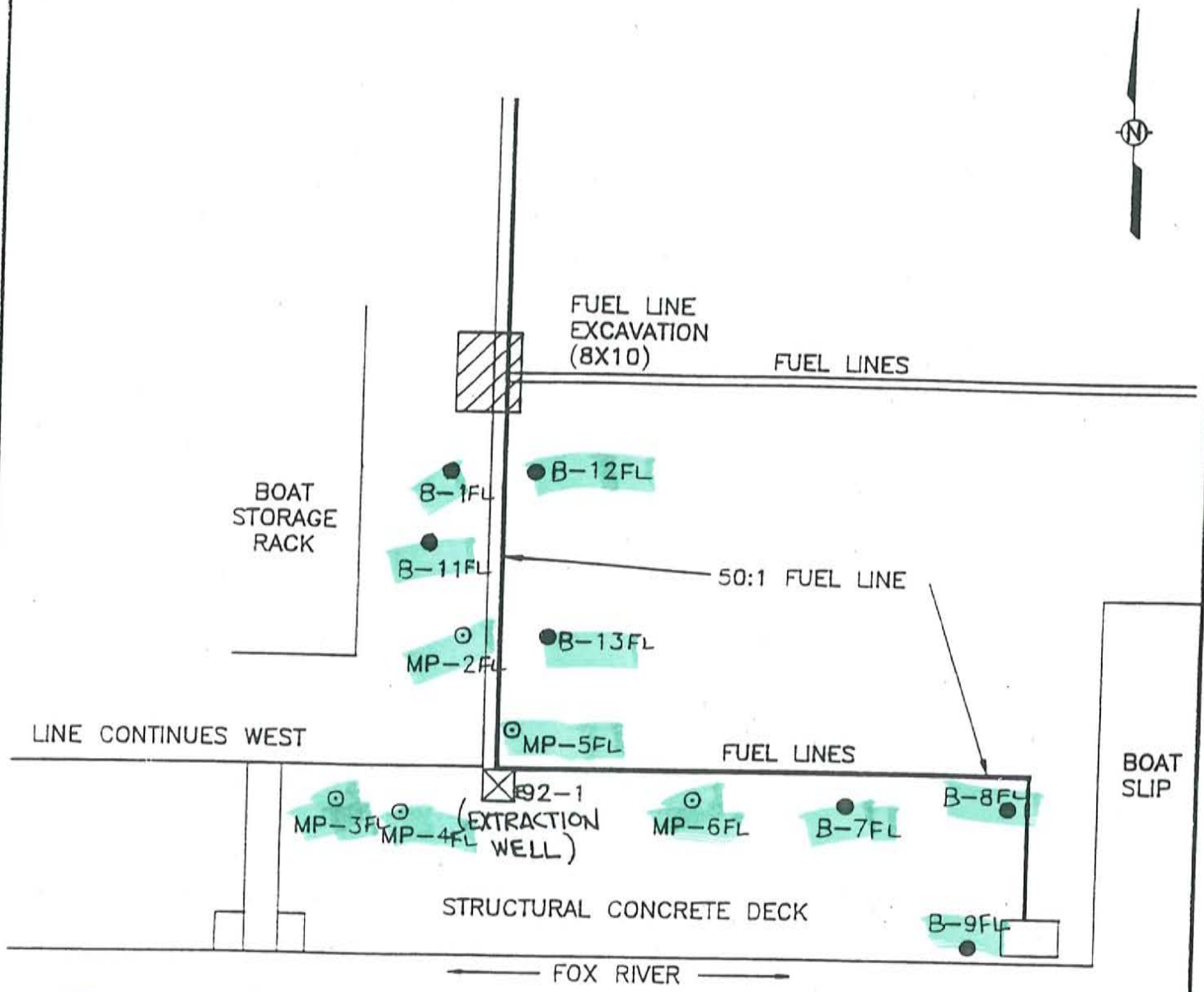

MERCURY MARINE PLANT 33
OSHKOSH, WISCONSIN
SOIL BORING, MONITORING WELL AND
GEOPROBE LOCATION MAP
DRAWN BY RAB DATE 6-3-97
CHECKED BY PLE DATE 6-3-97
APPROVED BY PRB DATE 10-27-00
CADFILE X:\DWG99\22810\XF\G410F000.DWG
STS PROJECT NO. 22810XF
STS PROJECT FILE
SCALE
STS Consultants Ltd.
Consulting Engineers
MARION ROAD
WISCONSIN AVENUE
FOX RIVER
FORMER RAILROAD R/W
R/W
66'
RACE PRODUCT ASSEMBLY
RIGGING BUILDING
OVERHANG
SHED
GUARD HOUSE
STORAGE BLDG.
RAMP
OXFORD BUILDING
FORMER OXFORD TANK AREA
CONTROL BUILDING
ENGINE TESTING FIXTURES
UST FARM
REMEDIATION AREA SOUTH OF UST FARM
PLANT 33
EFFLUENT DISCHARGE BASIN
TREATMENT SHED WITH BASIN/FLOWMETER
DYNOCELL WITH BLOWER AIR FLOW GAUGES
REMEDIATION AREA SOUTH OF PLANT
SUP
KEY
NW BOAT STORAGE GEOPROBE LOCATION
OXFORD TANK AREA GEOPROBE
BORING
MONITORING POINT
EXTRACTION WELL
MONITORING WELL
FOX RIVER ELEVATION MONITORING POINT
DSP10 GASOLINE PUMP
GROUNDWATER TRANSFER LINES

Figure 1



*REFER TO TABLE #3 FOR DATA

STS Consultants, Ltd.	MERCURY MARINE			FIG. 7
	SOIL SAMPLE COLLECTION DIAGRAM			82172XF
	DATE 10-31-89	DRW'N BY C.R.H.	CHK'D BY A.J.G.	SCALE 1"=40'



Above WT
Below WT
WT @ 1.9'-3.2'
>746 Tables 1 & 2
>720

LEGEND

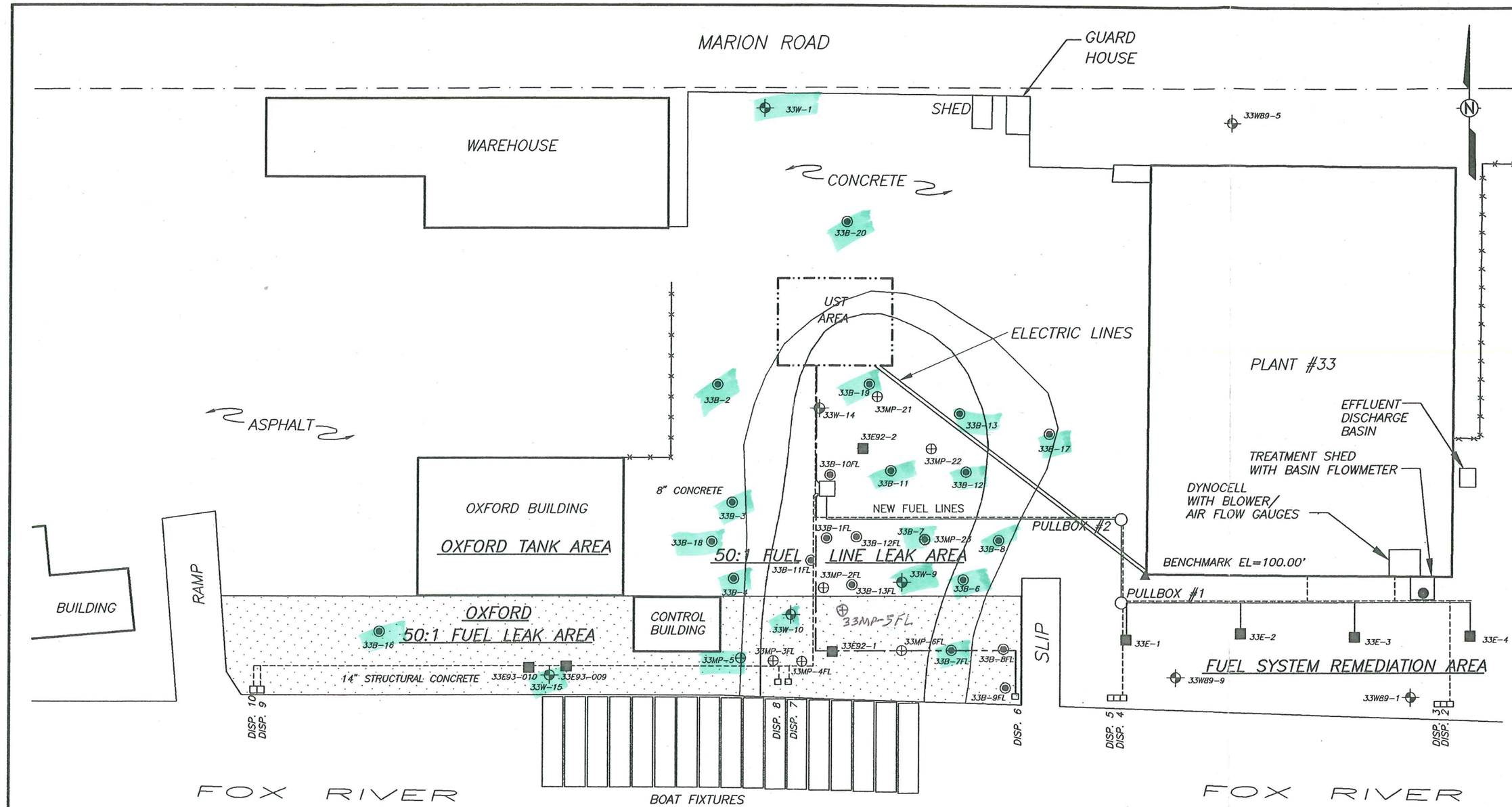
- ● B-9FL PROBE LOCATIONS
- ⊙ MP-2FL MONITORING POINTS (SCREENED)
- ⊠ 4 INCH GROUNDWATER EXTRACTION WELL

STS Consultants, Ltd.

PROJECT/CLIENT

PROBE/MONITOR POINT LOCATIONS
50:1 FUEL LINE
MERCURY MARINE PLANT 33
OSHKOSH, WISCONSIN

DRAWN BY	T.J.J.	7/31/92
CHECKED BY	A.J.G.	7/31/92
APPROVED BY	K.R.H.	7/31/92
SCALE 1"=50'	FIGURE NO. 8	
CADFILE 172XC2-R.DWG	STS PROJECT NO.	
PLOT DATE 7/31/92	83172XC	



LEGEND

- BORING LOCATION
- 4" EXTRACTION WELL
- 2" MONITORING WELL
- 2" MONITORING POINT
- ELEVATION SURVEY BENCHMARK
- CHAIN LINK FENCE
- FUEL DISTRIBUTION LINE SET
- REMEDIATION VALVE VAULT
- UST PERIMETER
- 50:1 LINE
- HIGH CONCENTRATION CONTAMINATION >100ppm
- MODERATE CONCENTRATION CONTANIMATION ~30–100ppm

- Above WT — WT @ 3.0'-3.2'
- Below WT
- >296 Tables 1 & 2
- >720

SCALE IN FEET

40' 0 40'

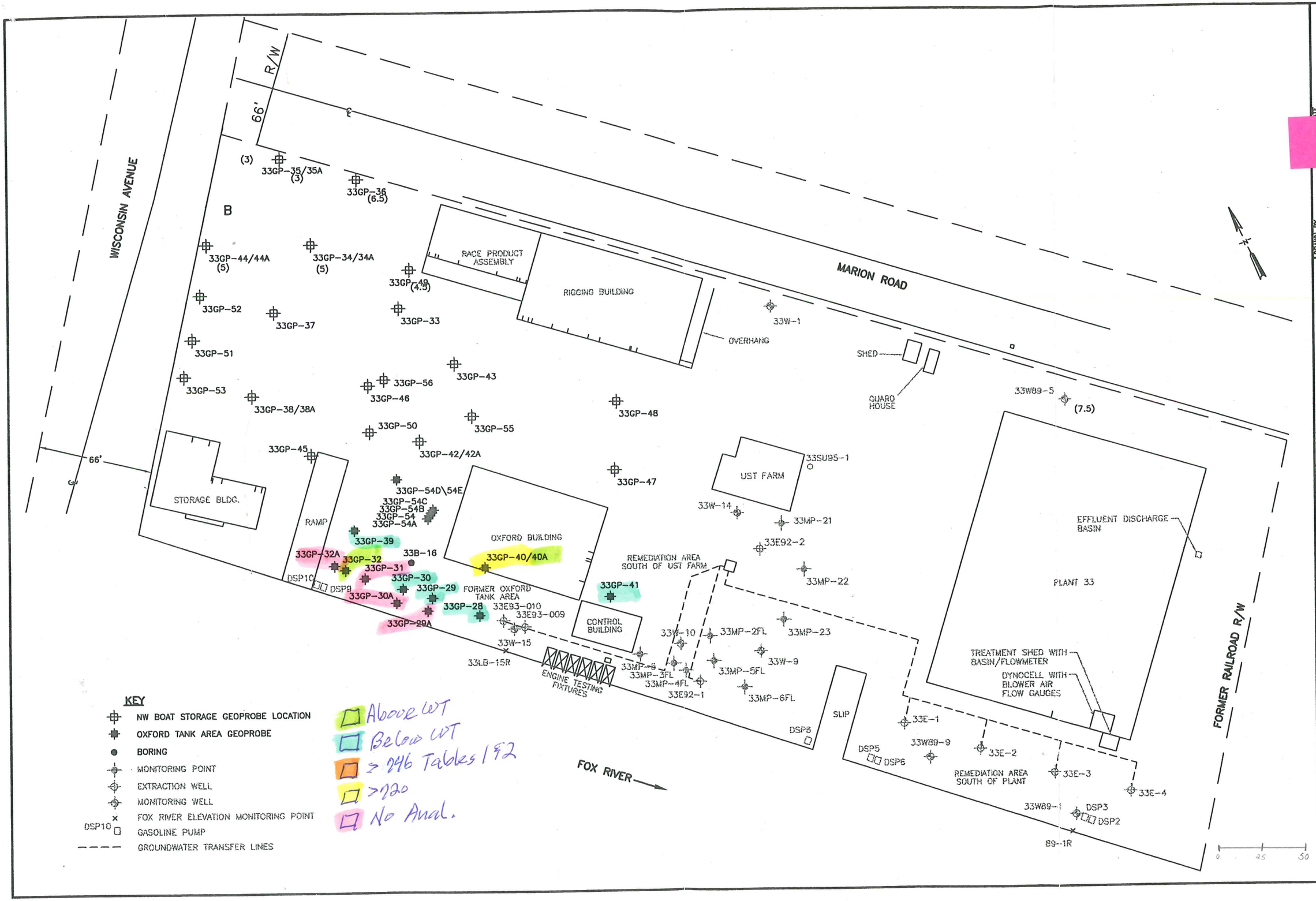
DATE	BY	REVISION

DRAWN BY J.M.I.
AUTOCAD FILE 83172071.dwg
DATE 10/7/93
CHK. BY A.J.G.
APPROVED BY A.J.G.

APPROXIMATE ZONE OF CONTAMINATION
50:1 FUEL LINE
MERCURY MARINE PLANT 33
OSHKOSH, WISCONSIN

STS Consultants, Ltd.
Consulting Engineers

STS PROJECT NUMBER 83172WD
STS PROJECT FILE
SCALE 1"=40'
FIGURE NUMBER FIGURE 9



DRAWN BY	RAB
DATE	6-3-97
CHECKED BY	PLE
DATE	6-3-97
APPROVED BY	PRB
DATE	10-27-00
CADFILE	X:\DWG99\2G410F000.DWG

MERCURY MARINE PLANT 33
OSHKOSH, WISCONSIN
SOIL BORING, MONITORING WELL AND
GEOPROBE LOCATION MAP

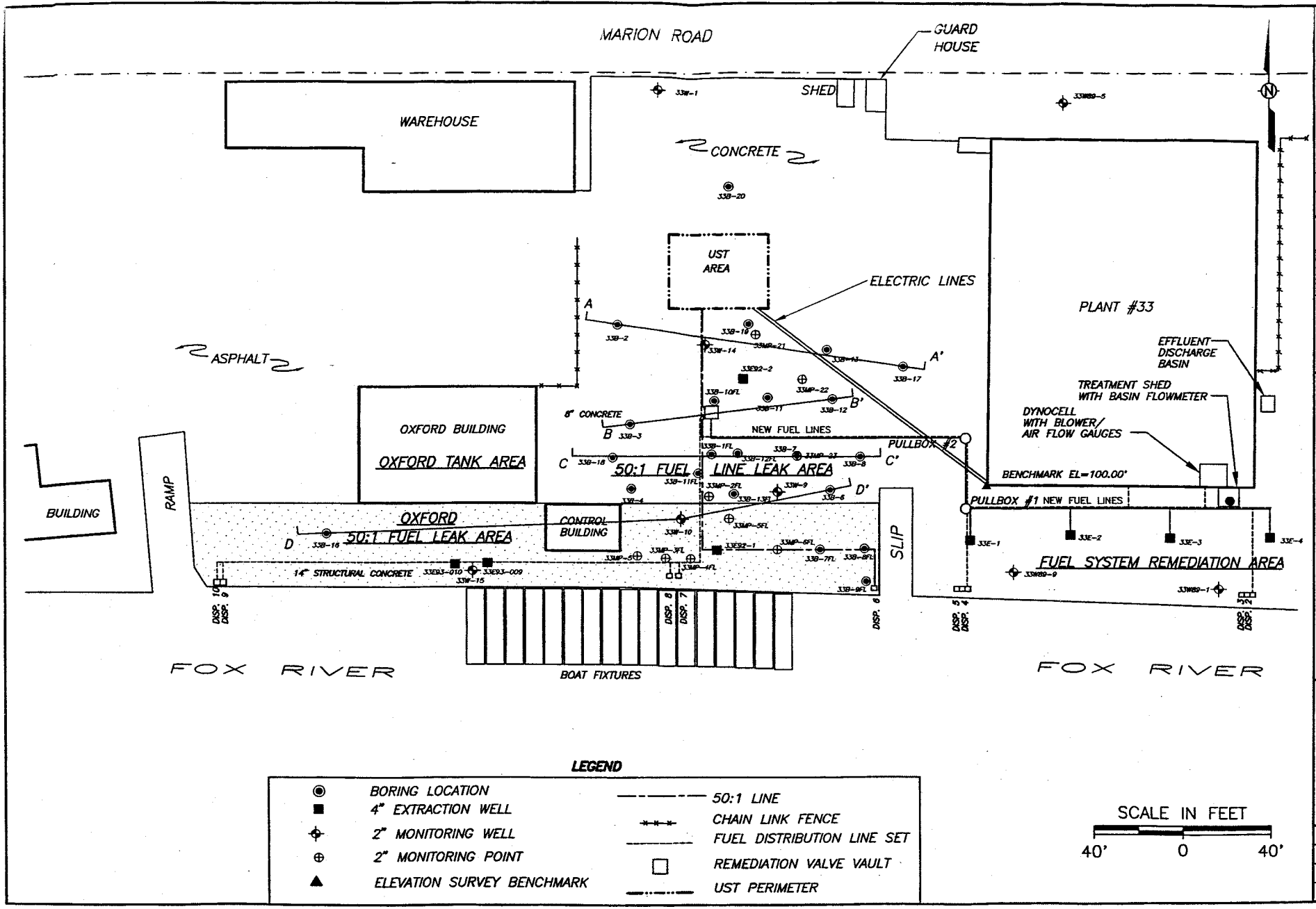
STS Consulting
Consulting E

STS PROJECT NO.
22810XF

STS PROJECT FILE

SCALE
1"=50'

FIGURE NO.
FIGURE 10



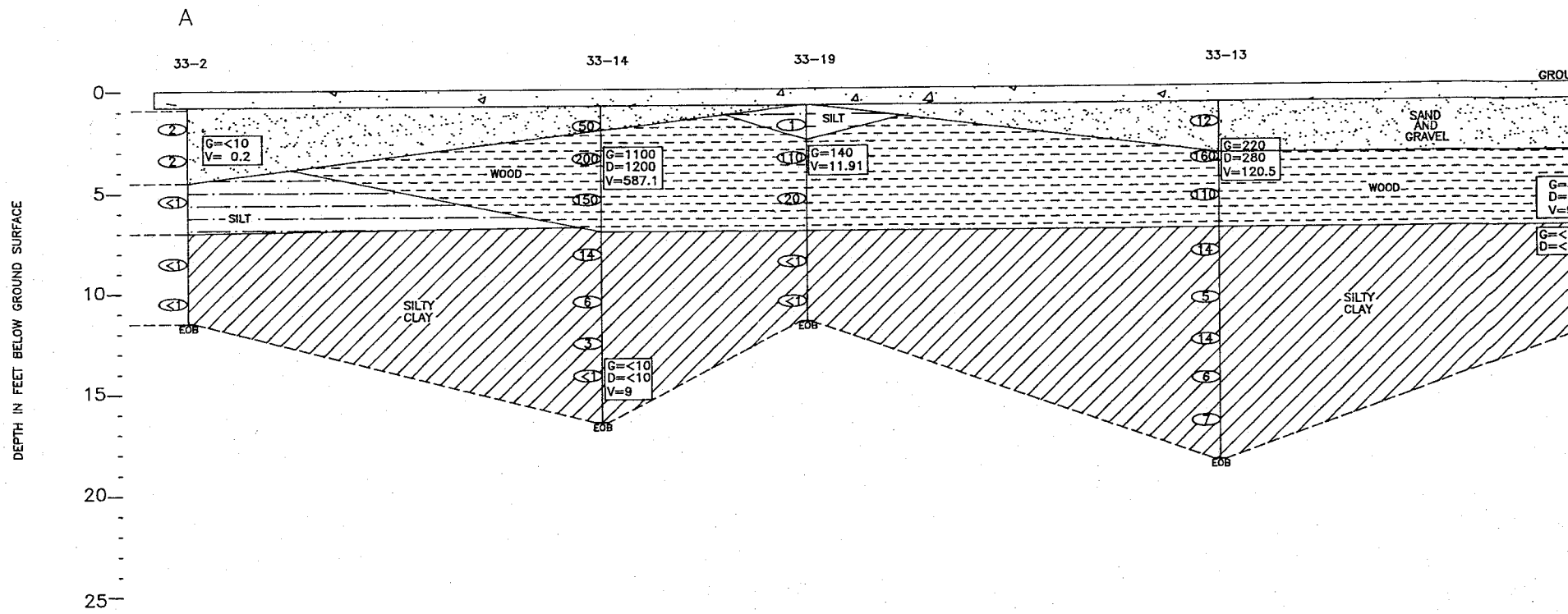
STRATIGRAPHIC CROSS-SECTIONS
50:1 FUEL LINE
MERCURY MARINE PLANT 33
OSHKOSH, WISCONSIN

DRAWN BY J.M.I.
DATE 10/7/93
CHK. BY A.J.G.
APPROVED BY A.J.G.
AUTOCAD FILE 83172071.dwg

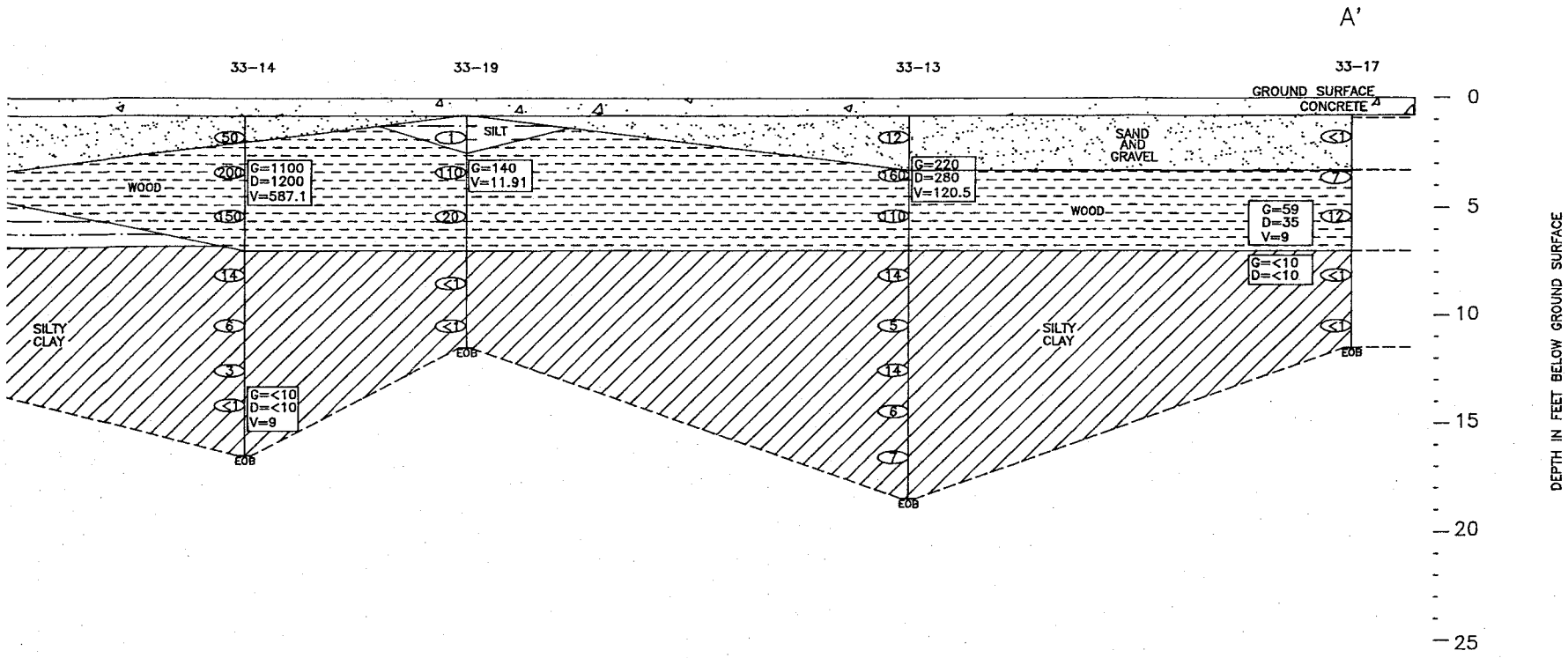
DATE BY REVISION

STS Consultants, Ltd.
Consulting Engineers

STS PROJECT NUMBER 83172WD
STS PROJECT FILE 1"=40'
SCALE
FIGURE NUMBER FIGURE A1



Vertical 1"=5'
Horizontal 1"=10'



Vertical 1"=5'
Horizontal 1"=10'

LEGEND

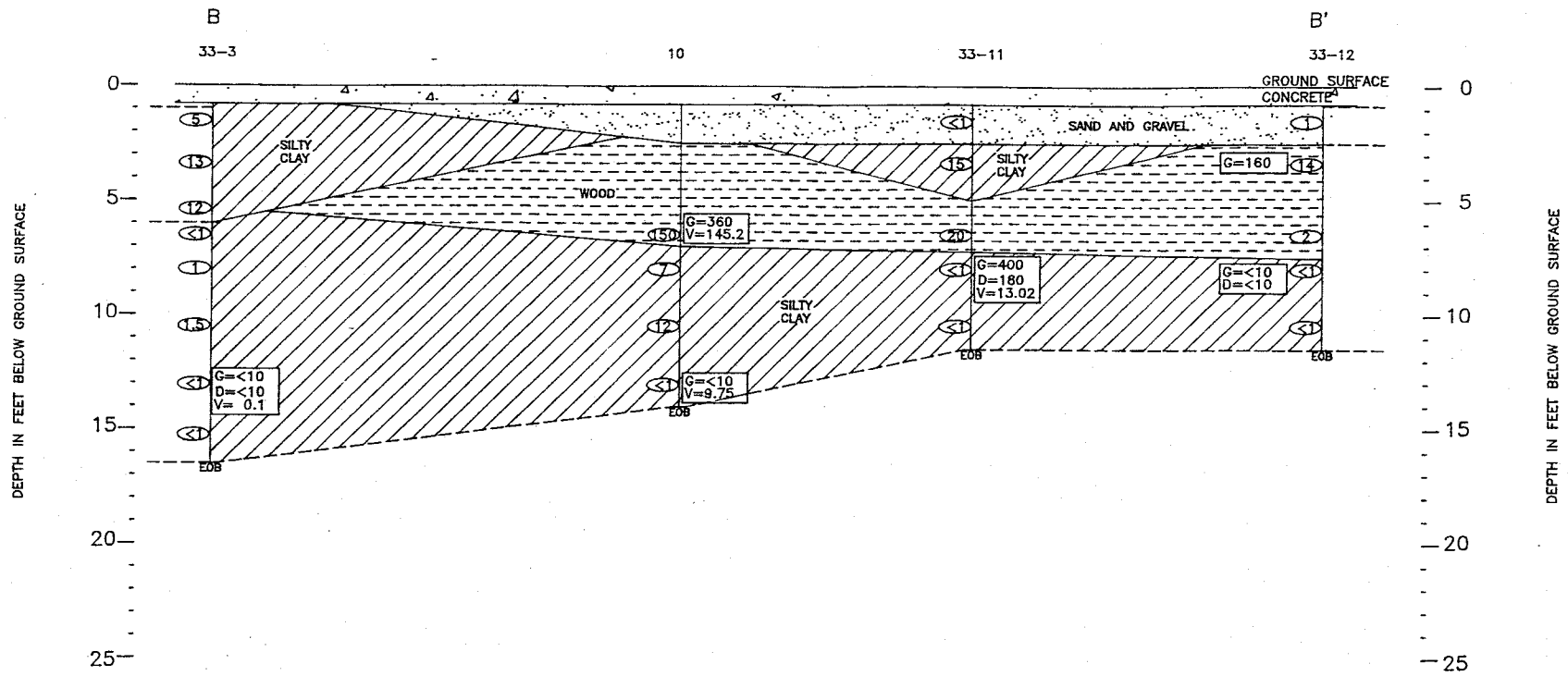
EOB	END OF BORING
G=<10	GRO (ppm)
D=<12	DRO (ppm)
V=0.21	VOC's (ppm TOTAL)
<1	PID READING (ppm)

DRAWN BY T.J.J. AUTOCAD FILE 83172XAA.DWG
DATE 12/16/92
CHK. BY A.J.G. 12/16/92
APPROVED BY T.W.W. 12/16/92

SOIL PROFILE
PLANT 33
MERCURY MARINE
OSHKOSH, WISCONSIN

STS Consultants, Ltd.
Consulting Engineers

STS PROJECT NUMBER 83172XC
STS PROJECT FILE 83172AA
SCALE AS SHOWN
FIGURE NUMBER A2



Vertical 1"=5'
Horizontal 1"=10'

LEGEND

EOB	END OF BORING
G=<10	GRO (ppm)
D=<12	DRO (ppm)
V=0.21	VOC's (ppm TOTAL)
<1	PID READING (ppm)

AUTOCAD FILE 83172RBB.DWG

DRAWN BY T.J.J. DATE 12/15/92

CHK. BY A.J.G. 12/15/92

SOIL PROFILE
PLANT 33
MERCURY MARINE
OSHKOSH, WISCONSIN

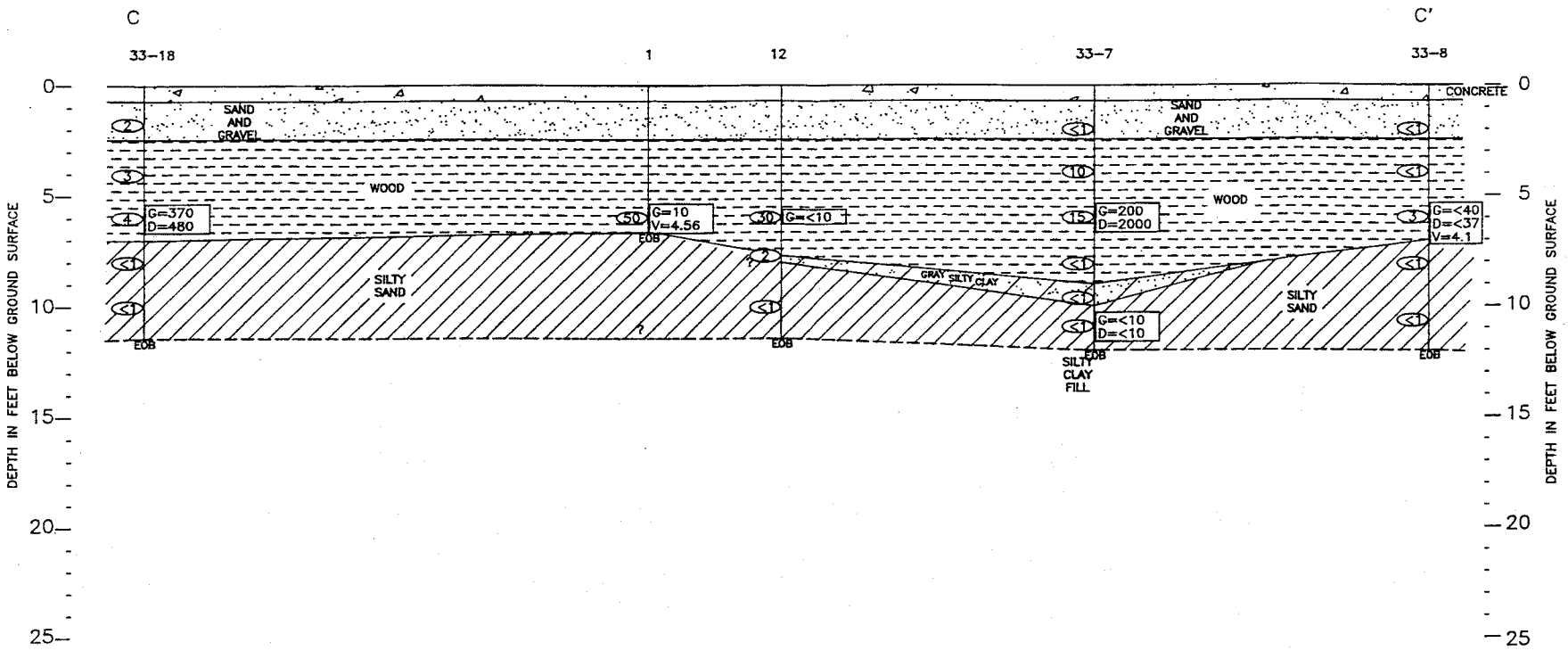
STS Consultants, Ltd.
Consulting Engineers

STS PROJECT NUMBER 83172

STS PROJECT FILE 83172

SCALE AS SHOWN

FIGURE NUMBER



Vertical 1"=5'
Horizontal 1"=10'

LEGEND

EOB	END OF BORING
G=<10	GRO (PPM)
D=<12	DRO (PPM)
V=0.21	VOC's (PPM TOTAL)
<1	PID READING (PPM)

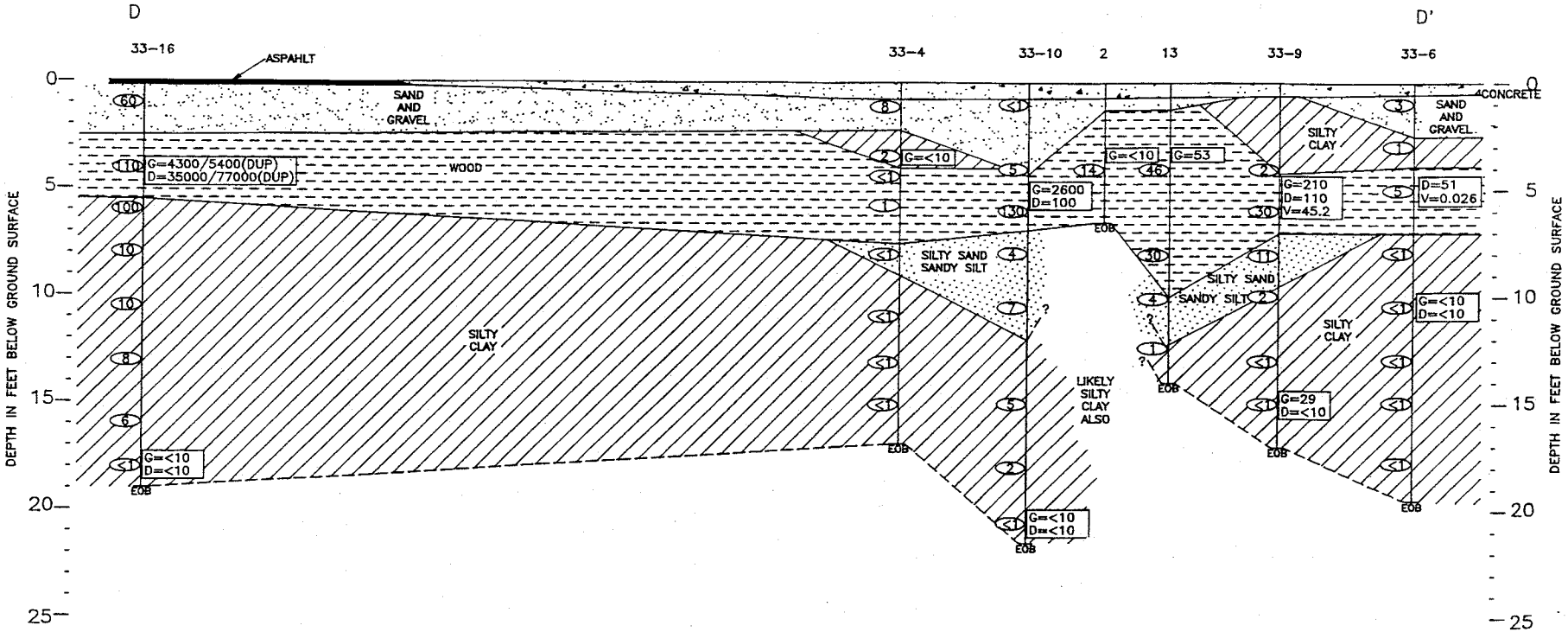
SOIL PROFILE
PLANT 33
MERCURY MARINE
OSHKOSH, WISCONSIN

STS Consultants, Ltd.
Consulting Engineers

83172XC
83172XC-X
AS SHOWN
A4 XX

AUTOCAD FILE	83172-CC.DWG		
DRAWN BY	J.M.I.	DATE	11/4/92
CHK. BY	A.J.G.	DATE	11/4/92
APPROVED BY	T.W.W.	DATE	11/4/92

REVISION



Vertical 1"=5'
Horizontal 1"=20'

LEGEND

EOB	END OF BORING
G=<10	GRO (PPM)
D=<12	DRO (PPM)
V=0.21	VOC's (PPM TOTAL)
<1	PID READING (PPM)

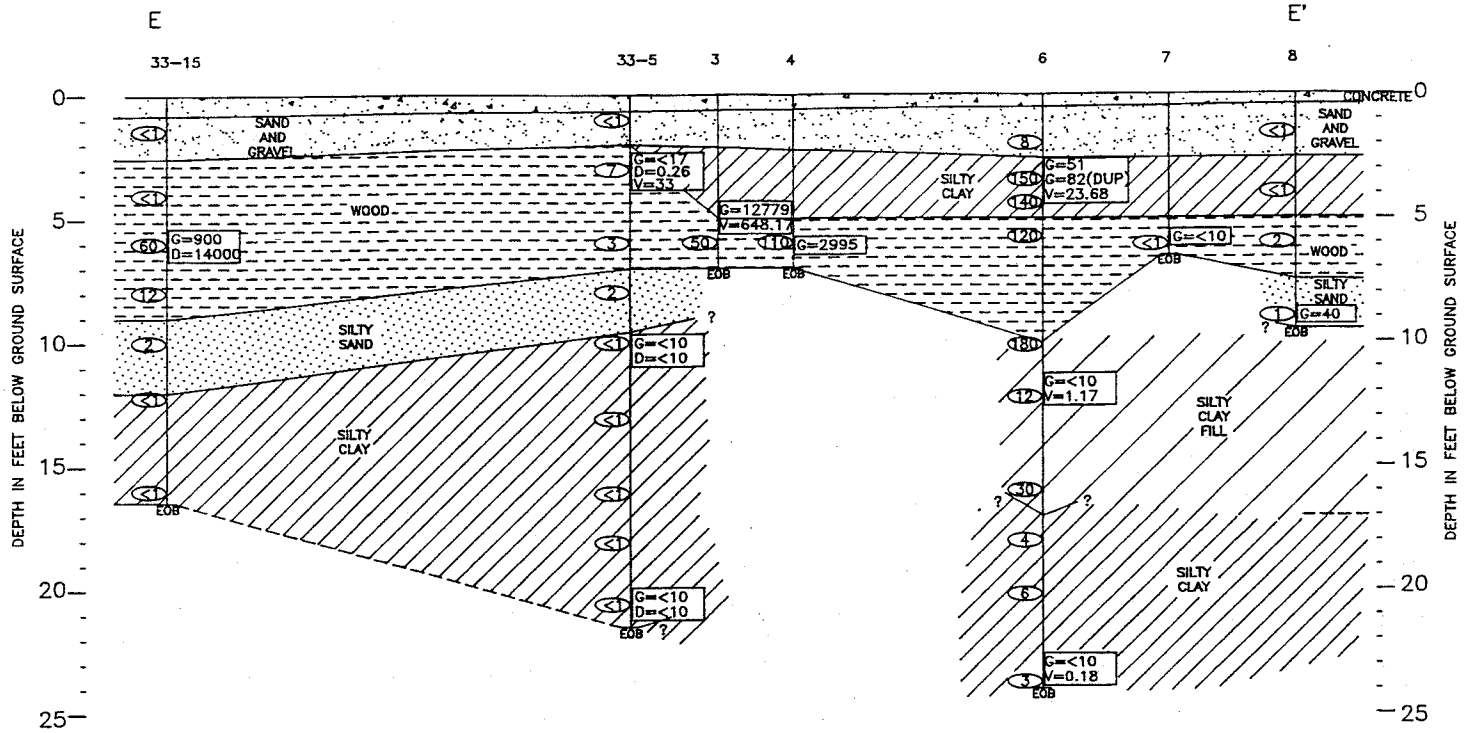
DRAWN BY	J.M.I.	AUTOCAD FILE	83172-DD.DWG
DATE	11/4/92		
CHK. BY	A.J.G.	11/4/92	
APPROVED BY	T.W.W.	11/4/92	

DATE	BY	REVISION

SOIL PROFILE
PLANT 33
MERCURY MARINE
OSHKOSH, WISCONSIN

STS Consultants, Ltd.
Consulting Engineers

STS PROJECT NUMBER 83172XC
STS PROJECT FILE 83172XC-X
SCALE AS SHOWN
PLOTTED BY A-5 XX



Vertical 1"=5'
Horizontal 1"=20'

LEGEND

EOB	END OF BORING
G=<10	GRO (PPM)
D=<12	DRO (PPM)
V=0.21	VOC's (PPM TOTAL)
<1	PID READING (PPM)

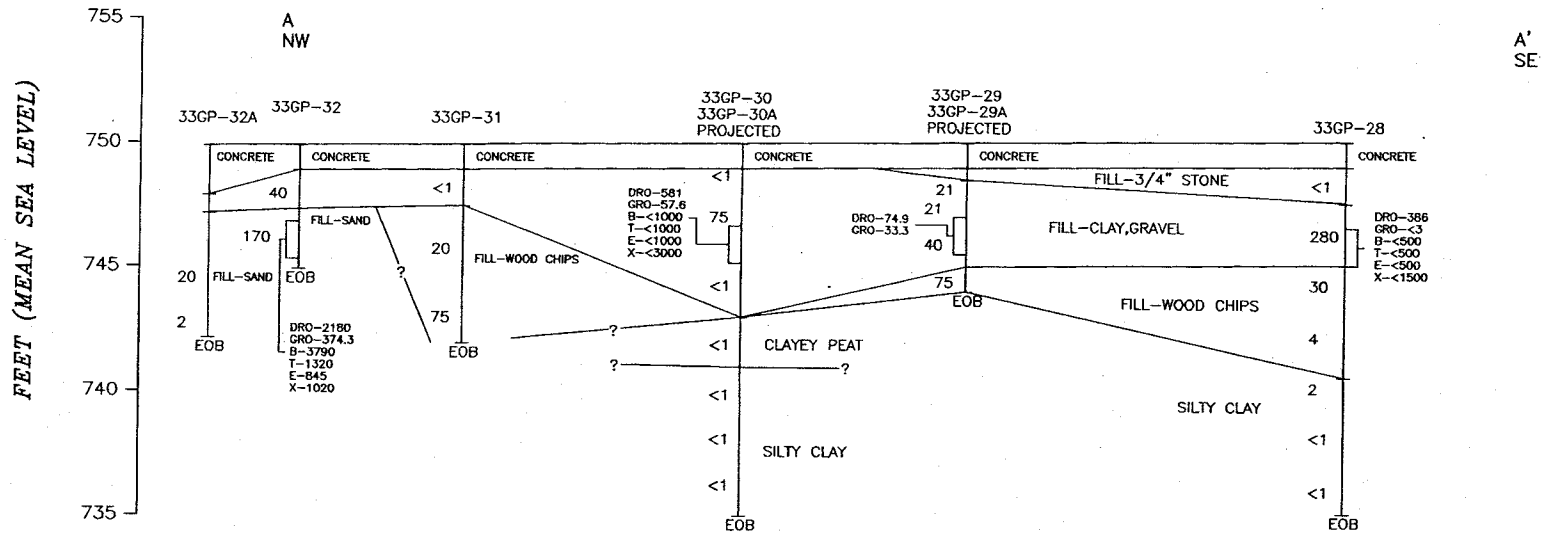
REVISION	DATE	BY

DRAWN BY J.M.I. DATE 11/4/92
AUTOCAD FILE 83172-DD.DWG
CHK. BY A.J.G. 11/4/92
APPROVED BY T.W.W. 11/4/92

SOIL PROFILE
PLANT 33
MERCURY MARINE
OSHKOSH, WISCONSIN

STS Consultants, Ltd.
Consulting Engineers

STS PROJECT NUMBER 83172XC
STS PROJECT FILE 83172XC-X
SCALE AS SHOWN
DRAWING NUMBER Ado XX



CROSS SECTION A-A'

SCALE: 1"=10' HORIZ.
1"=5' VERT.

LEGEND

33GP-53 — GEOPROBE NO.

CONCRETE

<1

PID READING — 20 — SAMPLE INTERVAL

<1

EOB — END OF BORING

DRO	DIESEL RANGE ORGANICS (mg/kg)
GRO	GASOLINE RANGE ORGANICS (mg/kg)
B	BENZENE (µg/kg)
T	TOLUENE (µg/kg)
E	ETHYLBENZENE (µg/kg)
X	XYLENES (µg/kg)

		DATE
DRAWN BY	RAB	6-9-97
CHECKED BY	PLE	6-9-97
APPROVED BY	PRB	9-16-97
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MERCURY MARINE PLANT 33
OXFORD AREA
OSHKOSH, WISCONSIN

CROSS SECTION A-A'

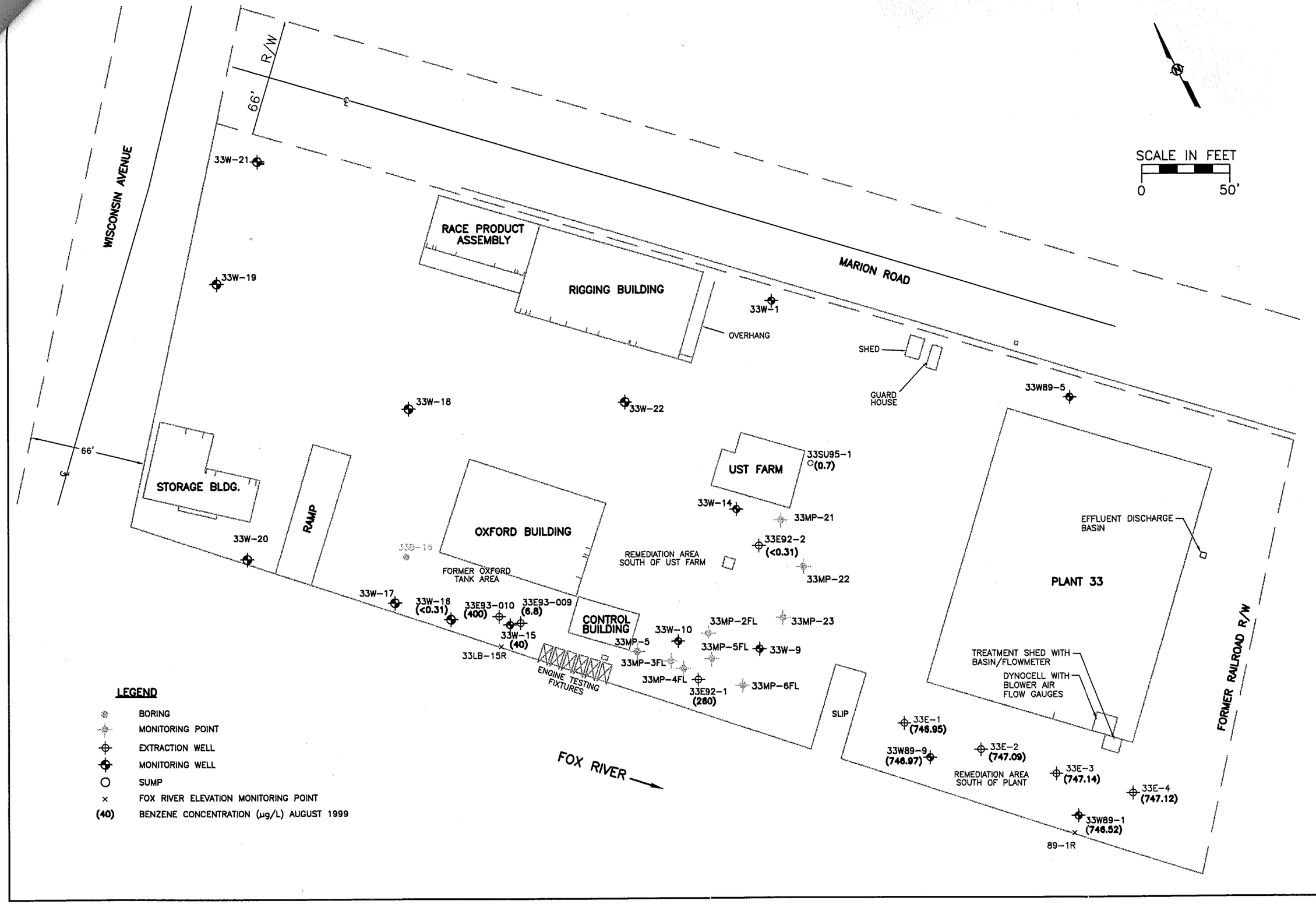
STS Consultants Ltd.
Consulting Engineers

STS PROJECT NO.
22812XF

STS PROJECT FILE

SCALE
AS NOTED

FIGURE NO.
3



DRAWN BY	CPB	01/14/00
CHECKED BY	PJK	10/27/00
APPROVED BY		
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MERCURY MARINE PLANT 33
OSHKOSH, WISCONSIN

BENZENE DISTRIBUTION IN GROUNDWATER AUGUST 1999

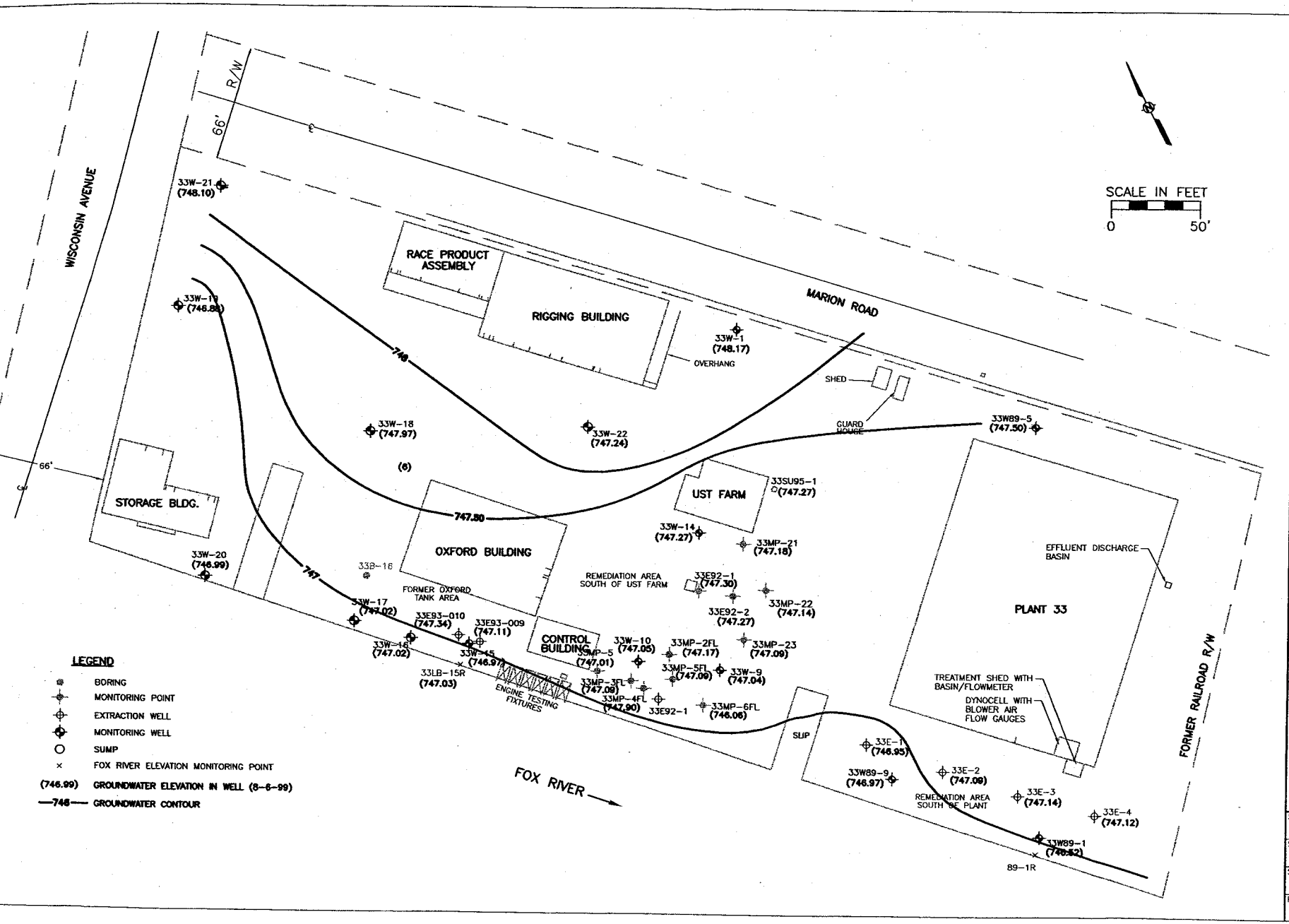
STS Consultants Ltd.
Consulting Engineers

STS PROJECT NO.
22810XF

STS PROJECT FILE

SCALE
1"=50'

FIGURE NO.
FIGURE 5



DRAWN BY	CPB	01/18/00
CHECKED BY	PJK	01/18/00
APPROVED BY		
CADFILE	X:\PROJECTS\Dwg99\22810\xf\g41ofo01b.dwg	

MERCURY MARINE PLANT 33
OSHKOSH, WISCONSIN

GROUNDWATER CONTOUR MAP AUGUST 1999

STS Consultants Ltd.
Consulting Engineers

STS PROJECT NO.
22810XF

STS PROJECT FILE

SCALE
1"=50'

FIGURE NO.
FIGURE 4

Table 6
Soil Field Observations and Laboratory Analytical Results
Mercury Marine Plant 33 Oxford Area
Oshkosh, Wisconsin

All VOC Concentrations in ug/kg

Boring No.	Sample No.	Depth (ft.)	PID reading (PID units)	Soil Description	Soil Moisture	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene	n-Propylbenzene	Methylene Chloride	Naphthalene	Isopropylbenzene	Laboratory
						RCLs:100	100	5.5	2900	1500	4100	NE	NE	NE	NE	NE	NE	
33GP-28 (06/23/95)	1	1.0-2.5	<1	Fill: 3/4" crushed stone	NR	X	X	X	X	X	X	X	X	X	X	X	X	
		2.5-3.0	<1	Fill: topsoil, clay, gravel	Wet	X	X	X	X	X	X	X	X	X	X	X	X	
	2	3.0-5.0	280	Fill: topsoil, clay, gravel	Wet	119	X	<4	0.9	0.05	2000	2100	3900	X	X	X	X	METCO
						<3 (1)	386	<500	<500	<500	<1500	<500	<500	<1000	<500	<500	<500	MVTL
	3	5.0-7.0	30	Fill: wood chips	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	4	7.0-9.0	4	Fill: wood chips	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	5	9.0-9.5	2	Fill: wood chips	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
		9.5-11.0	2	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	6	11.0-13.0	<1	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	7	13.0-15.0	<1	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
33GP-29 (06/23/95)	1	1.0-1.5	21	Fill: 3/4" crushed stone	NR	X	X	X	X	X	X	X	X	X	X	X	X	
		1.5-2.5	21	Fill: clay, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
		2.5-3.0	21	Fill: topsoil, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	2	3.0-5.0	40	Fill: topsoil, clay, gravel	Moist	279	X	<4	2700	160	6300	4800	8700	X	X	X	X	METCO
						33.3 (1,3)	74.9 (3)	X	X	X	X	X	X	X	X	X	X	MVTL
33GP-29A (06/23/95)	1	1.0-1.5	NR	Fill: 3/4" crushed stone	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
		1.5-2.5	NR	Fill: clay, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
		2.5-3.0	NR	Fill: topsoil, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	2	3.0-5.0	NR	Fill: topsoil, clay, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	3	5.0-6.0	75	Fill: sand, gravel, wood chips	Wet	X	X	X	X	X	X	X	X	X	X	X	X	
33GP-30 (06/23/95)	1	1.0-1.5	<1	Fill: clay, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
		1.5-3.0	<1	Fill: topsoil, clay, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	2	3.0-5.0	75	Fill: topsoil, clay, gravel	Moist	307	X	<4	3600	140	7000	6400	11,000	X	X	47,000	X	METCO
						57.6 (1)	581 (2)	<1000	<1000	<1000	<3000	4070	<1000	<2000	<1000	19,600	1060	MVTL

☐ Above WT WT @ 1.4'-3.3'
☐ Below WT
☐ > 746 Tables 1 & 2
☐ > 720

Table 6-cont.
Soil Field Observations and Laboratory Analytical Results
Mercury Marine Plant 33 Oxford Area
Oshkosh, Wisconsin

All VOC Concentrations in ug/kg

Boring No.	Sample No.	Depth (ft.)	PID reading (PID units)	Soil Description	Soil Moisture	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene	n-Propylbenzene	Methylene Chloride	Naphthalene	Isopropylbenzene	Laboratory
						RCLs:100	100	5.5	2900	1500	4100	NE	NE	NE	NE	NE	NE	
33GP-30A (06/23/95)	1	1.0-1.5	NR	Fill: gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
		1.5-3.0	NR	Fill: topsoil, clay, grave	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	2	3.0-5.0	NR	Fill: topsoil, clay, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	3	5.0-7.0	<1	Fill: topsoil, clay, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	4	7.0-9.0	<1	Clayey peat (PT)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	5	9.0-11.0	<1	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	6	11.0-13.0	<1	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	7	13.0-15.0	<1	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
33GP-31 (06/23/95)	1	1.0-3.0	<1	Fill: sand, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	2	3.0-5.0	20	Fill: wood chips	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	3	5.0-7.0	NR	Fill: wood chips	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	4	7.0-8.0	75	Fill: wood chips	NR	X	X	X	X	X	X	X	X	X	X	X	X	
33GP-32 (06/23/95)	1	1.0-3.0	40	Fill: sand, gravel	Moist	35	X	<4	<4	<4	290	800	1000	X	X	1700	X	METCO
	2	3.0-5.0	170	Fill: sand, gravel	Moist	374.3 (1)	2180	3790	845	1320	1020	1390	545	1640	<500	<1000	770	MVTL
33GP-32A (06/23/95)	1	1.0-2.0	NR	Concrete	NR	X	X	X	X	X	X	X	X	X	X	X	X	
		2.0-3.0	NR	Fill: sand, clay, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	2	3.0-5.0	NR	Fill: sand, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	3	5.0-7.0	20	Fill: sand, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	4	7.0-8.0	2	Fill: sand, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
33GP-39* (06/27/95)	1	0.5-1.0	90	Fill: 3/4" crushed stone	Dry	X	X	X	X	X	X	X	X	X	X	X	X	
		1.0-1.5	90	Fill: cinders	Dry	X	X	X	X	X	X	X	X	X	X	X	X	
		1.5-2.5	90	Fill: cinders, clay	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	2	2.5-4.5	145	Fill: wood chips	Moist	X	7680	<2500	<2500	<2500	<7500	5030	<2500	<5000	<2500	<5000	<2500	MVTL
	3	4.5-6.5	40	Fill: wood chips	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	4	6.5-7.0	10	Fill: wood chips	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
		7.0-8.5	10	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	5	8.5-10.5	10	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	6	10.5-12.5	5	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	7	12.5-14.5	<1	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	

Above WT
Below WT WT @ 1.4'-3.3'
>246 Tables 1 & 2
>730

22810XF(T410F004)

Table 6-cont.
Soil Field Observations and Laboratory Analytical Results
Mercury Marine Plant 33 Oxford Area
Oshkosh, Wisconsin

All VOC Concentrations in ug/kg

Boring No.	Sample No.	Depth (ft.)	PID reading (PID units)	Soil Description	Soil Moisture	GRO (mg/kg)	DRO (mg/kg)	Benzene	Ethylbenzene	Toluene	Xylenes	1,2,4 Trimethylbenzene	1,3,5 Trimethylbenzene	n-Propylbenzene	Methylene Chloride	Naphthalene	Isopropylbenzene	Laboratory
						RCLs:100	100	5.5	2900	1500	4100	NE	NE	NE	NE	NE	NE	
33GP-40* (06/28/95)	1	1.0-1.5	500	Fill: 3/4" crushed stone	NR	X	X	X	X	X	X	X	X	X	X	X	X	
		1.5-3.0	500	Fill: cinders	Moist	17.1 (1)	56.1 (2)	5.9	<5	23.2	<15	<5	<5	<10	13.1	<10	<5	
	2	3.0-5.0	51	Fill: clay, topsoil, gravel	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	3	5.0-6.5	20	Fill: wood chips	Wet	X	X	X	X	X	X	X	X	X	X	X	X	
	4	6.5-7.0	16	Fill: wood chips	Wet	X	X	X	X	X	X	X	X	X	X	X	X	
		7.0-9.0	16	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	5	9.0-11.0	16	Silty clay (OH)	Wet	X	X	X	X	X	X	X	X	X	X	X	X	
	6	11.0-11.5	14	Silty clay (OH)	Wet	X	X	X	X	X	X	X	X	X	X	X	X	
		11.5-12.0	14	Peat (PT)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	7	13.0-15.0	<1	Clay (CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
33GP-40A* (08/18/95)		0.5-1.0	NR	Fill: 3/4" crushed stone	Dry	X	X	X	X	X	X	X	X	X	X	X	X	
	2	1.5-2.5	<1	Fill: sand, gravel, cinders	Dry-Moist	X	X	<5	<5	<5	<15	<5	<5	<10	13.1	<10	<5	MVTL
33GP-41* (06/28/95)	1	1.0-3.0	NR	No sample	NR	X	X	X	X	X	X	X	X	X	X	X	X	
	2	3.0-3.5	58	Fill: clay, gravel, topsoil	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
		3.5-5.0	58	Fill: wood chips	Wet	41.3 (1)	461 (2)	<25	<25	25.7	<75	342	178	65	<25	<50	70.1	MVTL
	3	5.0-7.0	24	Fill: wood chips	Wet	X	X	X	X	X	X	X	X	X	X	X	X	
	4	7.0-9.0	104	Silty clay (OH)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	5	9.0-11.0	8	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	6	11.0-13.0	2	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
	7	13.0-15.0	<1	Silty clay (ML-CL)	Moist	X	X	X	X	X	X	X	X	X	X	X	X	
33GP-54 (08/18/95)	1	0.5-2.0	110	Fill: sand, gravel	Moist	125.6 (1)	1130	<500	<500	<500	<1500	<500	<500	<1000	<500	<500	<500	MVTL

Above WT WT @ 1.4'-3.3'
Below WT
>746 Tables 1 & 2
>720

Table 1
Mercury Marine Plant 33

Groundwater Monitoring Results

	NR 140		33W-1							
Sample Date			9/18/92	4/22/93	7/22/93	7/19/94	4/24/95	2/26/97	4/24/97	12/2/98
Parameter (ug/L)	ES	PAL								
Benzene	5.0	0.5	<1.0	<2.0	<2.0	<0.2	<2.0	NA	NA	<0.31
Ethylbenzene	700	140	<1.0	<1.5	<1.5	<0.2	<1.5	NA	NA	<0.35
Toluene	343	69	<1.0	<2.0	<2.0	<0.5	<2.0	NA	NA	<0.32
Total Xylenes	620	124	<1.0	<1.0	<1.0	<0.2	<3.0	NA	NA	<0.73
Methyl tert-butyl ether	60	12	<1.0	<2.0	<2.0	<0.4	<2.0	NA	NA	<0.29
Naphthalene	40	8	<0.2	<2.2	<2.2	<1.0	<2.2	NA	NA	<0.72
1,2,4 Trimethylbenzene	—		<0.2	<1.0	<1.0	<0.2	<1.0	NA	NA	<0.36
1,3,5 Trimethylbenzene	—		<0.3	<2.0	<2.0	<0.2	<2.0	NA	NA	<0.38
1,2 Dichlorobenzene	600	60	<1.0	<0.6	<0.6	<0.7	<0.6	NA	NA	NA
1,2 Dichloroethene	5.0	0.5	<2.0	<3.0	<3.0	<0.5	<3.0	NA	NA	NA
1,2,4 Trichlorobenzene	70	14	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA
1,4 Dichlorobenzene	75	15	<1.0	<0.2	<0.2	<0.5	<0.2	NA	NA	NA
Bromobenzene	—		<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA
Chlorobenzene	—		<1.0	<0.3	<0.3	<0.6	<0.3	NA	NA	NA
Chloroform	6.0	0.6	<5.0	<1.0	<1.0	<0.5	<5.0	NA	NA	NA
Di-isopropylether	—		<50	<2.0	<2.0	<2.0	<2.0	NA	NA	NA
Isopropylbenzene	—		<1.0	<1.5	<1.5	<1.0	<1.5	NA	NA	NA
Methylene Chloride	5.0	0.5	<5.0	<1.4	<1.4	1.9B	<1.4	NA	NA	NA
n-Butylbenzene	—		<3.0	<2.0	<2.0	<1.0	<2.0	NA	NA	NA
n-Propylbenzene	—		<0.4	<2.0	<2.0	<1.0	<2.0	NA	NA	NA
p-Isopropyltoluene	—		<5.0	<1.0	<1.0	<1.0	<2.0	NA	NA	NA
sec-Butylbenzene	—		<0.4	<2.0	<2.0	<1.0	<2.0	NA	NA	NA
t-Butylbenzene	—		<5.0	<2.0	<2.0	<1.0	<2.0	NA	NA	NA
Trichloroethene	5.0	0.5	<4.0	<0.4	<0.4	<0.5	<0.4	NA	NA	NA
Chloride	—		NA	NA	NA	NA	NA	22000	22000	NA
Nitrogen, Nitrate+Nitrite	—		NA	NA	NA	NA	NA	6.3	6.3	1600
Sulfate	—		NA	NA	NA	NA	NA	6800	6800	1800
Iron	—		NA	NA	NA	NA	NA	10000	10000	150
Dissolved Oxygen	—		NA	NA	NA	NA	NA	1.0	<1.0	1.0
Analytical Method	—		1	1	1	1	1	NA	NA	4
Laboratory	—		Serco	MVTL	MVTL	Badger	MVTL	MVTL	MVTL	NS

	33W-9																						
Sample Date	10/19/9	4/22/93	7/22/93	11/3/93	2/15/94	4/21/94	7/18/94	10/27/9	2/20/95	4/24/95	7/18/95	10/16/9	2/7/96	4/24/96	7/19/96	10/17/9	2/26/97	4/24/97	8/5/97	10/30/9	2/10/98	5/5/98	12/2/98
Benzene	280	145	63.1	52.2	25	63	25	23	8.7	36	20	60	1.9	8	3	1	11	280	140	9	0.93	1.3	0.5
Ethylbenzene	33	<15	<15	14.7	<0.2	<0.2	<0.2	<0.2	<0.9	<0.9	140	110	<1.0	<1.0	<1.0	<1.0	<0.35	<0.35	14	1.0	<0.35	<0.35	<0.35
Toluene	240	107	23.1	9.4	1.5	20	2.0	4.6	<0.9	1.2	1.8	21.0	<1.0	2.7	2.1	<1.0	28.0	67	2.0	1.0	<0.32	<0.32	0.57
Total Xylenes	190	132	56.6	22.3	5.1	7.9	3.4	11.6	2.8	6.5	6.1	79.0	1.6	<1.0	<1.0	<1.0	8.3	1.98	91	10.3	2.9	<0.73	0.55
Methyl tert-butyl ether	<100	34.1	35.5	25.3	63	44	30	28	16.5	50	<1.2	28	18	17	11	4.8	8.0	24	6.3	9.7	5.5	2.4	7.7
Naphthalene	<0.2	<2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<0.72	<0.72	0.96	1.9	0.74	<0.72	<0.72
1,2,4 Trimethylbenzene	190	<10	53.3	43.8	<0.2	0.5	<0.2	0.5	<0.9	1.4	1.5	14.0	<1.0	<1.0	<1.0	<1.0	1.4	0.57	5.4	2.5	<0.36	<0.36	0.44
1,3,5 Trimethylbenzene	38	<20	<20	6.2	1.6	0.8	<0.2	3.7	1.1	<0.4	1.0	3.7	<1.0	<1.0	<1.0	<1.0	0.40	<0.38	0.55	1.4	<0.38	<0.38	<0.38
1,2 Dichlorobenzene	<10.0	<6.0	<6.0	<0.6	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethene	<2.0	<3.0	<3.0	<3.0	<0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	11	<2	<0.2	<0.2	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	<10	209	<10.0	250	180	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	<5.0	<1.0	<1.0	<1.0	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	<20	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	14	<15	<1.5	<1.5	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	<5.0	<14	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	<3.0	<2.0	<2.0	<2.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	19	<20	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	<5.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	<4.0	<20	<4.0	<4.0	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	<5.0	<2.0	<2.0	<2.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	<4.0	<0.4	<0.4	<0.4	<0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	68000	65000	NA	NA	NA	NA	NA
Nitrogen, Nitrate+Nitrite	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<3.9	110	NA	NA	NA	NA	2500
Sulfate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	27000	68000	NA	NA	NA	NA	10000
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1100	5500	NA	NA	NA	NA	400
Dissolved Oxygen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0	<1.0	1.5	<1.0	NA	NA	1.0
Analytical Method	1	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Laboratory	Serco	MVTL	MVTL	MVTL	Badger	Badger	Badger	Badger	MVTL	MVTL	MVTL	MVTL	NET	NET	NET	NET	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL

	33W-10																						
Sample Date	10/19/9	4/22/93	7/22/93	10/13/9	2/15/94	4/22/94	7/18/94	10/27/9	2/20/95	4/24/95	7/18/95	7/18/95	10/16/9	2/7/96	7/19/96	10/17/9	2/26/97	4/24/97	8/5/97	10/30/9	2/10/98	5/5/98	12/2/98
Benzene	340	23	230	120	52	78	30	71	69	42	62	68	18	6	20	5	11	11	1.2	2.3	69	4.8	2.3
Ethylbenzene	6.5	<1.5	30.4	30.2	2.9	19	2.0	3.2	6.9	29.0	11.0	13.0	25.0	<1.0	<1.0	<1.0	<0.35	10	<0.35	<0.35	1.6	<0.35	0.69
Toluene	22	14.5	43.8	14	3.5	52	4.2	2.3	<0.9	2.2	7.3	8.0	1.0	<1.0	3.8	<1.0	0.78	.73	<0.32	0.52	0.65	0.39	0.71
Total Xylenes	120	8.7	103	94.5	24.8	69	23.4	87	2.4	25.0	76.0	87.0	15.0	<1.0	1.0	1.2	0.80	1.87	<0.73	6.3	3.4	<0.73	2.88
Methyl tert-butyl ether	<10	17.4	12.4	35.2	47	24	23	35	34	12	48	22	18	18	15	14	22	11	3.3	13	10	6.1	10
Naphthalene	1.9	<2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<0.72	<0.72	<0.72	1.5	2.4	1.3	1.3
1,2,4 Trimethylbenzene	110	<1.0	71	80	30	45	<0.2	9.5	3.2	5.9	54	55	29.0	3.9	9.2	14.0	1.1	1.4	<0.36	8.3	9.8	0.77	2.5
1,3,5 Trimethylbenzene	31	<2.2	9.4	10.3	2.1	3.3	17	20	0.7	<0.5	7.3	7.1	3.1	<1.0	<1.0	1.3	<0.38	<0.38	<0.38	1.8	1.4	0.38	1.1
1,2 Dichlorobenzene	1.8	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethene	<2.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	<40	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	7.4	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	<1.0	3.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	<5.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	<50	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	2.9	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	<5.0	<1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	9.1	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	2.6	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	<5.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	<4.0	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	<4.0	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	74000	72000	NA	NA	NA	NA	NA
Nitrogen, Nitrate+Nitrite	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	29	36	NA	NA	NA	NA	4400
Sulfate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13000	51000	NA	NA	NA	NA	4700
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7700	11000	NA	NA	NA	NA	300
Dissolved Oxygen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<1.0	3.5	1.0	NA	NA	2.0
Analytical Method	1	1	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Laboratory	Serco	MVTL	MVTL	MVTL	Badger	Badger	Badger	MVTL	Badger	MVTL	MVTL	MVTL	MVTL	NET	NET	NET	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL

	NR 140		33SU95-1											
Sample Date			4/24/96	7/19/96	10/17/9	3/14/97	2/26/97	4/25/97	8/5/97	10/31/9	2/10/98	5/5/98	12/3/98	8/9/99
Parameter (ug/L)	ES	PAL												
Benzene	5.0	0.5	11	9	9.1	710	1300	2300	260	110	72	40	0.69	0.70
Ethylbenzene	700	140	18	9.8	17	45	110	140	330	440	66	20	<0.35	<0.35
Toluene	343	69	<2.0	2.3	2.9	1100	3300	2400	890	1000	2.4	1.9	0.33	<0.32
Total Xylenes	620	124	23	16	35	560	1520	830	1850	3600	89	35	0.72	1.9
Methyl tert-butyl ether	60	12	<2.0	4.1	<1.0	<29	<0.29	<2.9	<1.4	<2.9	8.3	1.9	<0.29	<0.29
Naphthalene	40	8	NA	NA	39	15	9	26	110	210	31	16	<0.72	<0.72
1,2,4 Trimethylbenzene	—		150	38	120	59	180	140	350	710	170	110	0.71	<0.36
1,3,5 Trimethylbenzene	—		28	11	23	24	64	28	79	200	25	20	<0.38	<0.38
1,2 Dichlorobenzene	600	60	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethene	5.0	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	70	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	75	15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6.0	0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5.0	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0	0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	—		NA	NA	NA	NA	15000	49000	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate+Nitrite	—		NA	NA	NA	NA	500	63	NA	NA	NA	NA	1200	1500
Sulfate	—		NA	NA	NA	NA	19000	60000	NA	NA	NA	NA	18000	NA
Iron	—		NA	NA	NA	NA	1000	3700	NA	NA	NA	NA	3500	<0.65
Dissolved Oxygen	—		NA	NA	NA	NA	<1.0	<1.0	1.0	1.0	NA	NA	3.0	4.0
Analytical Method	—		4	4	4	4	4	4	4	4	4	4	4	4
Laboratory	—		NET	NET	NET	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL

	33W-22				33E92-2													
Sample Date	8/5/97	0/29/9	2/10/98	5/5/98	2/21/95	4/24/95	7/18/95	4/24/96	7/19/96	10/17/9	2/26/97	4/23/97	8/5/97	10/30/9	2/10/98	5/5/98	12/2/98	8/9/99
Benzene	<0.31	<0.31	<0.31	<0.31	<0.9	<4.5	<0.9	<1.0	<1.0	<1.0	<0.31	<0.31	<1.6	0.32	<1.6	4.5	<0.31	<0.31
Ethylbenzene	<0.35	<0.35	<0.35	<0.35	2.0	<4.5	<0.9	<1.0	<1.0	<1.0	<0.35	<0.35	<1.8	<0.35	<1.8	<0.35	0.39	<0.35
Toluene	0.61	<0.32	<0.32	<0.32	<0.9	<4.5	<0.9	<1.0	<1.0	<1.0	<0.32	<0.32	<1.6	<0.32	<1.6	<0.32	0.44	<0.32
Total Xylenes	1.8	<0.73	<0.73	<0.73	<0.8	<4.0	<0.8	<1.0	<1.0	<1.0	<0.73	<0.73	<3.6	<0.73	<0.36	<0.73	1.0	0.80
Methyl tert-butyl ether	<0.29	<0.29	<0.29	<0.29	211	350	890	200	460	530	210	310	400	370	500	320	23	120
Naphthalene	1.3	<0.72	<0.72	<0.72	NA	NA	NA	NA	NA	<1.0	<0.72	<0.72	<3.6	<0.72	<3.6	<0.72	<0.72	<0.72
1,2,4 Trimethylbenzene	1.1	<0.36	<0.36	<0.36	<0.9	<4.5	<0.9	<1.0	<1.0	<1.0	<0.36	<0.36	<1.8	<0.36	<1.8	<0.36	0.67	<0.36
1,3,5 Trimethylbenzene	0.39	<0.38	<0.38	<0.38	<0.4	2.4	<0.4	<1.0	<1.0	<1.0	<0.38	<0.38	<1.9	<0.38	<1.9	<0.38	<0.38	<0.38
1,2 Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	63000	62000	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate+Nitrite	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	11	<3.9	NA	NA	NA	NA	1400	<600
Sulfate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	10000	6900	NA	NA	NA	NA	1400	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6800	8600	NA	NA	NA	NA	3600	14000
Dissolved Oxygen	1.0	1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.0	<1.0	1.5	2.5	NA	NA	1.0	2.0
Analytical Method	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Laboratory	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	NET	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL

	33W-14																							
Sample Date	10/19/9	4/22/93	7/22/93	11/3/93	2/15/94	4/21/94	7/18/94	10/27/9	2/20/95	4/24/95	7/18/95	10/16/9	2/6/96	4/24/96	7/19/96	10/17/9	2/26/97	4/23/97	8/5/97	10/30/9	2/10/98	5/5/98	12/2/98	8/9/99
Benzene	970	114	232	220	108	240	130	97	229	3000	211	46	40	18	33	30	6700	1900	2000	110	610	320	7.1	30
Ethylbenzene	540	104	155	98	52	34	<0.2	9.2	77	65.0	83.0	37.0	15	11	24	17	260	740	230	62	17	21	1.9	6.6
Toluene	82	189	43.8	20.6	6.9	194	12	7.8	<20.0	<20	<20.0	<20.0	<5.0	20	8.7	3.2	3600	5900	170	7.7	5.8	<3.2	0.63	4.2
Total Xylenes	1500	1826	1340	427	39.6	392	265	64	<10.0	453	150	77.0	28	23	17	13	1680	8000	1190	500	53.6	126	9.4	31.6
Methyl tert-butyl ether	<100	<40	<40	9.1	50	15	20	120	94	26	NA	<20.0	16	10	10	13	<2.9	<14	18	160	60	<2.9	8.4	<1.4
Naphthalene	760	2.31	<44	<2.2	128	NA	160	24	6.0	95	45	84	NA	21	40	43	50	200	<36	23	5.6	9.8	1.2	9.0
1,2,4 Trimethylbenzene	2500	424	2193	1600	<2	820	290	69	563	630	730	490	270	110	270	220	250	1100	340	170	160	160	16	66
1,3,5 Trimethylbenzene	320	55.3	<40	260	68	276	760	79	63.9	240	140	93.0	52	28	29	36	60	290	76	61	21	31	2.8	13
1,2 Dichlorobenzene	25	<12	<12	5.6	1.5	NA	4.1	3.2	<10	<6	<6.0	<6.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethene	<2.0	<3.0	<3.0	<0.8	<0.5	NA	<0.5	<0.5	<3.0	<3.0	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	<40	<40	<40	<2.0	45	NA	<1.0	<1.0	<20	<20	<20.0	<20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	550	<4	<4.0	4.9	3.1	NA	1.2	2.0	47.5	<2	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	<2.0	<2.0	<2.0	<2.0	<2.0	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	<10	40	120	150	98	NA	27	49	<20.0	40.0	70.0	85.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	<5.0	<1.0	<1.0	<1.0	<1.0	NA	<0.5	<0.5	<0.5	<5.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	<50	<40	<40	6.2	33	NA	25	2.4	<20	<20	NA	<20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	48	<30	35.4	25.6	30	NA	<1.0	1.5	<20.0	<15	<15.0	<15.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	<5.0	<14	<14	<1.4	NA	NA	1.9B	<1.4	60	<14	<14.0	<14.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	120	297	233	180	78	NA	78	39	<2.0	130	85.0	77.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	110	64	<40	69.0	44	NA	<1.0	<1.0	73.4	<20	35.0	30.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	14	<20	<20	11.4	8.8	NA	NA	2.9	<20.0	<10	<10	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	14	<40	<40	11.9	10	NA	1.3	1.1	16.7	<20	<20.0	<20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	<5	<20	198	<2.0	1180	NA	<1.0	<1.0	<20	<20	<20.0	<20.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	<4.0	<4.0	<4.0	<4.0	<0.3	NA	<0.5	<0.3	<4.0	<4.0	<4.0	<4.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	77000	95000	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate+Nitrite	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8	23	NA	NA	NA	NA	3600	2800
Sulfate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	13000	19000	NA	NA	NA	NA	5800	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7600	10000	NA	NA	NA	NA	1400	<65
Dissolved Oxygen	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0	1.0	<1.0	1.5	NA	NA	2.0	<1.0
Analytical Method	1	1	1	1	1	4	1	1	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4	4
Laboratory	Serco	MVTL	MVTL	MVTL	Badger	Badger	Badger	Badger	MVTL	MVTL	MVTL	MVTL	NET	NET	NET	NET	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL

Notes:

Table 1
Mercury Marine Plant 33

Groundwater Monitoring Results

Parameter (ug/l)	Well No. NR140 ES	PAL	33E93-009 10/14/93	11/10/93	2/15/94	4/20/94	7/18/94	10/28/94	2/20/95	4/24/95	7/17/95	4/24/96	7/19/96	10/17/96	2/26/97	4/25/97	8/4/97	10/29/97	2/10/98	5/4/98	12/1/98	8/9/99
Benzene	5.0	0.5	7500	3000	39	540	130	91	56.2	470	125	190	93	84	45	87	15	5.3	110	61	0.55	6.8
Toluene	343	68.6	9000	5300	44	<2000	380	113	11.7	560	60	420	170	54	25	190	5.6	<0.32	120	110	0.37	0.50
Ethylbenzene	700	140	600	520	5	196	62	44	7.9	90	39	48	25	14	7	17	1.1	0.46	18	12	<0.35	<0.35
Total Xylenes	620	124	3300	3000	43	1360	400	193	42.1	405	166	350	110	89	36	82	10.4	2.5	66	64	0.74	3.6
Naphthalene	40	8.0	<2.2	150	4	53	27	20	4.7	<11.0	14	NA	14	7.5	4.3	4.4	1.0	1.6	4.2	2.8	<0.72	<0.72
1,2,4 Trimethylbenzene	--	--	850	800	7	176	150	92	24	110	100	77	63	39	15	25	3.9	2.0	12	12	0.61	<0.36
1,3,5 Trimethylbenzene	--	--	<1.0	190	<2.0	65	63	42	<2.0	24	16	20	19	11	3.0	4.3	1.3	0.54	2.0	2.6	0.39	<0.38
Methyl tertiary butyl ether	60	12	212	<10	<4.0	<0.4	5.4	6	<2.0	<10.0	<2.0	<5.0	13	<1.0	3.2	<0.29	0.44	<0.29	<1.4	0.44	<0.29	<0.29
n-Propylbenzene	--	--	9.8	70	<10.0	28	15	13	2.2	<10.0	14	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	--	--	12.2	68	<10.0	28	38	26	3.4	21	26	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	--	--	2	<10	<10.0	1.3	1.7	1.5	<2.0	<10.0	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	--	--	140	<10	<10.0	<1.0	<1.0	<1.0	<2.0	<10.0	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	--	--	<1.0	<5	<10.0	1.2	1.5	2.4	<1.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	--	--	3.1	340	<6.0	<0.6	2.2	2.2	1.9	<1.5	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	600	60	<0.6	250	<7.0	<0.7	<0.7	<0.7	<0.6	<3.0	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	75	15	<0.2	180	<5.0	<0.5	<0.5	<0.5	<0.2	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0	0.5	<0.4	<2.0	<3.0	<0.3	<0.3	<0.3	<0.4	<2.0	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	--	--	68.4	<10	<10.0	104	88	<1.0	<1.5	59	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6.0	0.6	<1.0	26	<5.0	<0.5	<0.5	<0.5	<1.0	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5.0	0.5	<1.4	<7.0	490	<1.4	1.8a	<1.4	<1.4	<7.0	<7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	70	14	<2.0	<10.0	<10.0	<1.0	<1.0	<1.0	<2.0	<10.0	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	--	--	6.3	30	<10.0	8.9	4.8	4.2	<1.5	<7.5	<7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 Isopropyltoluene	--	--	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate, Nitrite	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8100	1200
Iron	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	7000	NA
Dissolved Oxygen	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<65	<0.65
Analycial Method	--	--	1	1	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2

Parameter (ug/l)	33E93-010 11/10/94	2/15/94	7/18/94	10/28/94	2/20/95	4/24/95	7/17/95	4/24/96	7/19/96	10/17/96	2/26/97	4/25/97	8/4/97	10/29/97	2/10/98	5/4/98	12/1/98	8/9/99
Benzene	2700	114	770	166	81.5	920	<10.0	470	540	16000	120	230	220	46	370	120	1.5	400
Toluene	3900	78	1440	144	248	6800	<10.0	1100	1200	4400	73	570	400	130	1200	290	<0.32	5.6
Ethylbenzene	500	74	160	1.1	62.7	400	<7.5	50	<50		34	40	41	13	95	19	<0.35	4.3
Total Xylenes	2800	482	1040	237	418	2320	<15.0	270	530	1200	165	222	232	370	470	120	99	19.7
Naphthalene	130	60	37	21	30.5	<110	<11.0	NA	17	41	14	20	12	18	19	6.5	3.5	<0.36
1,2,4 Trimethylbenzene	1300	112	210	55	125	<50.0	<5.0	55	<50	140	38	43	54	78	91	19	25	22
1,3,5 Trimethylbenzene	460	31	76	62	<10.0	140	<10.0	19	<50	35	9.7	12	13	21	20	4.7	8.8	<1.9
Methyl tertiary butyl ether	45	17	19	28	<10.0	<100	<2.0	21	<50	15	27	17	5.8	3.9	22	8.6	4.0	4.1
n-Propylbenzene	170	23	23	<1.0	15.4	<100	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	<10	38	36	38	<10.0	<100	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	39.0	3.5	3.4	<1.0	<10.0	<100	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	<10	<1.0	<1.0	<1.0	<10.0	<100	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	24	1.9	1.4	<1.0	<5.0	<50	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	<1.5	<0.6	1.2	<0.6	<1.5	<15	<1.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	<3.0	<0.7	<0.7	<0.7	<3.0	<30	<3.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	<1.0	<0.7	<0.5	<0.5	<1.0	<10	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	<2.0	<0.3	<0.3	<0.3	<2.0	<20	<2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	<10.0	<1.0	110	<1.0	<10.0	160	<7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	<5.0	<0.5	<0.5	<0.5	<5.0	<50.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	<7.0	<1.4	1.8a	<1.4	<7.0	<70.0	<7.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	<10.0	<1.0	<1.0	<1.0	<10.0	410	<10.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	57	6.6	9.1	3.9	<7.5	<75	<7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate, Nitrite	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6000	3900
Sulfate	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4600	NA
Iron	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	3800	<0.65
Dissolved Oxygen	NA	NA	NA	NA	NA	1.0	<1.0	1.5	1.5	1.0	2.0	1.0	1.5	1.5	1.5	1.0	2.0	1.0
Analycial Method	1	1	1	1	1	1	1	3	2	2	2	2	2	2	2	2	2	2

Parameter (ug/l)	Well No. NR140 ES	PAL	33W-15 10/19/92	4/22/93	7/22/93	7/18/94	4/24/96	7/19/96	10/17/96	2/26/97	4/25/97	8/4/97	10/29/97	02/10/98	5/4/98	12/1/98	8/9/99
Benzene	5.0	0.5	<1.0	<2.0	<2.0	300	770	1400	260	57	34	278	250	25	73	140	40
Toluene	343	68.6	<1.0	<2.0	<2.0	780	2000	6100	1100	27	46	390	410	5.8	130	22	10
Ethylbenzene	700	140	<1.0	<1.5	<1.5	110	110	31	91	12	3.7	100	5.5	1.5	9.6	25	8.2
Xylenes	620	124	<1.0	<1.0	<1.0	710	1300	2800	710	102	129	590	580	19.3	219	240	74
Naphthalene	40	8.0	<0.2	<2.2	NA	39	NA	190	46	37	7.4	63	13	1.1	6.0	39	5.4
1,2,4 Trimethylbenzene	--	--	<0.2	<1.0	<1.0	154	360	550	170	54	43	160	150	12	70	90	45
1,3,5 Trimethylbenzene	--	--	<0.3	<2.0	<2.0	54	100	150	45	15	12	55	55	4.2	24	38	23
Methyl tertiary butyl ether	60	12	<10.0	7.1	<2.0	11	73	<50	<5.0	20	<0.29	<14	3.8	1.0	2.2	3.4	<1.4
n-Propylbenzene	--	--	<0.4	<2.0	NA	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	--	--	<0.3	<2.0	NA	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	--	--	1.3	<2.0	NA	2.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	--	--	<0.5	<2.0	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	--	--	<5.0	<5.0	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	--	--	<1.0	<0.3	NA	<0.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	600	60	<1.0	<0.6	NA	<0.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	75	15	<1.0	<0.2	NA	<0.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0	0.5	<2.5	<2.5	NA	<2.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	--	--	<5.0	<2.0	NA	81	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6.0	0.6	<5.0	<5.0	NA	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5.0	0.5	<7.0	<7.0	NA	1.8a	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	70	14	<10.0	<10.0	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	--	--	1.5	<7.5	NA	6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 Isopropyltoluene	--	--	3.5	<1.0	NA	1.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate, Nitrite	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	4800	4200
Sulfate	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6200	NA
Iron	--	--	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2300	<65
Dissolved Oxygen	--	--	NA	NA	NA	NA	NA	NA	NA	NA	1.0	1.5	<1.0	1.0	1.0	3.0	1.0
Analycial Method	--	--	1	1	3	1	4	2	2	2	2	2	2	2	2	2	2

Parameter (ug/l)	33W-16 8/4/97	10/29/97	2/10/98	5/4/98	12/1/98	8/9/99	33W-17 8/4/97	10/29/97	2/10/98	5/4/98	33W-18 8/4/97	10/29/97	2/10/98	5/4/98	12/1/98
Benzene	0.53	<0.31	<0.31	<0.31	1.1	<0.31	<0.32	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
Toluene	0.66	2.5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32	0.51	<0.32	<0.32	<0.32	<0.32
Ethylbenzene	0.47	0.39	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.39	<0.35	<0.35	<0.35	<0.35
Xylenes	2.15	1.4	<0.73	<0.73	0.83	1.5	<0.73	<0.73	<0.73	<0.73	2.69	<0.73	<0.73	<0.73	<0.73
Naphthalene	5.2	2.7	<0.72	<0.72	0.78	<0.72	<0.72	<0.72	2.3	<0.72	0.99	<0.72	<0.72	<0.72	<0.72
1,2,4 Trimethylbenzene	1.4	0.90	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	0.73	<0.36	<0.36	<0.36	<0.36
1,3,5 Trimethylbenzene	1.5	1.0	80	<0.38	<0.38	<0.38	0.45	<0.38	<0.38	<0.38	<0.36	<0.38	<0.38	<0.38	<0.38
Methyl tertiary butyl ether	3.6	4.8	<0.29	<0.29	3.5	<0.29	12	8.7	6.8	6.1	<0.29	<0.29	<0.29	<0.29	<0.29
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4 Isopropyltoluene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate, Nitrite	NA	NA	NA	NA	3900	5000	NA	NA	NA	NA	NA	NA	NA	NA	1700
Sulfate	NA	NA	NA	NA	11000	NA	NA	NA	NA	NA	NA	NA	NA	NA	6900
Iron	NA	NA	NA	NA	1500	<65	NA	NA	NA	NA	NA	NA	NA	NA	170
Dissolved Oxygen	1.2	1.0	1.0	1.0	2.5	1.0	1.5	1.5	1.0	1.5	1.5	<1.0	1.0	1.0	1.5
Analycial Method	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2

Notes:
Analytical Method

NA - Not Analyzed
-- - Not Regulated

Table 1
Mercury Marine Plant 33

Groundwater Monitoring Results

	NR 140		33W-19				33W-20				33W-21			
Parameter (ug/L)	ES	PAL	8/4/97	10/29/97	2/9/98	5/4/98	8/4/97	10/29/97	2/9/98	5/4/98	8/4/97	10/29/97	2/9/98	5/4/98
Benzene	5.0	0.5	<0.31	1.6	1.1	1.0	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31	<0.31
Toluene	343	68.6	0.33	0.89	0.39	0.39	<0.32	1.5	<0.32	<0.32	<0.32	<0.32	<0.32	<0.32
Ethylbenzene	700	140	0.91	9.3	0.97	1.3	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35	<0.35
Total Xylenes	620	124	2.87	12.86	1.5	6.57	<0.36	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73	<0.73
Naphthalene	40	8	<0.72	0.79	NA	NA	5.1	1.0	NA	1.3	<0.72	<0.72	NA	<0.72
1,2,4-Trimethylbenzene	---	---	1.2	5.3	0.46	3.5	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36	<0.36
1,3,5-Trimethylbenzene	---	---	1.2	3.6	0.58	1.6	<0.39	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38	<0.38
n-Propylbenzene	---	---	<0.39	1.0	NA	NA	<0.39	<0.39	NA	NA	<0.39	<0.39	NA	NA
n-Butylbenzene	---	---	0.57	1.1	NA	NA	<0.35	<0.35	NA	NA	<0.35	<0.35	NA	NA
t-Butylbenzene	---	---	0.54	<0.28	NA	NA	<0.28	<0.28	NA	NA	<0.28	<0.28	NA	NA
p-Isopropyltoluene	---	---	0.69	<0.37	NA	NA	<0.37	0.38	NA	NA	<0.37	<0.37	NA	NA
Isopropylbenzene	---	---	0.74	1.3	NA	NA	<0.37	<0.37	NA	NA	<0.37	<0.37	NA	NA
1,2-Dichloroethane	5.0	0.5	2.4	1.7	NA	<0.44	<0.58	<0.44	NA	NA	<0.44	<0.44	NA	NA
Chloride (mg/l)	---	---	NA	NA	NA	375	NA	NA	NA	>2500	NA	NA	NA	375
Nitrogen, Nitrate, Nitrite	---	---	NA	NA	NA	0	NA	NA	NA	0	NA	NA	NA	0
Sulfate	---	---	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron (mg/L)	---	---	NA	NA	NA	0	NA	NA	NA	4.5	NA	NA	NA	0.2
ORP (mV)	---	---	NA	NA	NA	134	NA	NA	NA	55	NA	NA	NA	154
Dissolved Oxygen (mg/l)	---	---	3.5	1.0	1.0	1.0	1.0	1.5	1.0	2.0	5.5	1.5	1.0	1.0
Analytical Method	---	---	1	1	2	2	1	1	2	2	1	2	2	2
Laboratory	---	---	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL

Notes:

Analytical Method

1. VOCs using USEPA 8021
2. PVOCs using USEPA 8020

NA - Not Analyzed

Only Parameters above Method Detection Limit are Included in the Table

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Table 1
Mercury Marine Plant 33

Groundwater Monitoring Results

			33E92-1																																			
Sample Date	NR 140		4/15/92	6/9/92	7/7/92	9/16/92	10/22/92	11/16/92	2/15/93	3/23/93	4/22/93	5/27/93	8/23/93	9/16/93	10/13/93	11/10/93	4/20/94	7/18/94	10/27/94	11/21/94	12/15/94	2/20/95	3/21/95	5/15/95	6/20/95	7/18/95	2/17/96	4/24/96	7/19/96	10/17/96	2/26/97	4/24/97	8/5/97	10/30/97	2/10/98	5/5/98	12/2/98	8/9/99
Parameter (ug/L)	ES																																					
Benzene	5.0		7500	3000	1400	2700	710	820	310	21	2930	1950	120	503	500	150	258	220	128	530	650	130	1390	1700	162	210	84	140	200	140	370	520	850	650	100	150	270	260
Ethylbenzene	700		9000	5300	2500	3900	500	340	72	2.4	8300	2790	90	340	250	110	112	2901B	63	640	240	23	1615	2600	152	150	15	150	180	42	<1.8	78	340	56	6.6	20	120	46
Toluene	343		600	520	490	500	140	86	18	<1.5	898	211	17.8	47.6	60	12.6	21	30	9	74	<0.2	<7.5	120	254	20	16	4.8	<5.0	<10	220	82	180	630	840	53	140	100	110
Total Xylenes	620		3500	3000	2600	2800	770	510	151	<3.0	9050	1924	110	330	150	81.7	142	229	42.7	780	293	61.0	1950	2260	130	130	28	110	110	280	21	111	1110	1220	33	95	620	241
Methyl tert-butyl ether	60		<100	<100	<100	<100	<100	<100	11.4	29.3	<200.0	<20.0	<2.0	<20.0	29	<2.0	21	11	20	35	24	13	<40.0	<20.0	<20.0	<20	12	16	19	7.3	11	9.9	690	11	5.5	3.2	<14	<2.9
Naphthalene	40		<2.0	150	110	130	70	52	<2.2	<2.2	266	151	<2.2	29.8	4.2	<2.2	17	21	9	29	20	<11.0	82	101	<22.0	13	5	NA	NA	16	<3.6	6	110	22	2.9	3.9	74	15
1,2,4 Trimethylbenzene	—		850	800	790	940	440	400	203	<1.0	<100.0	370	87.0	287	<1.0	230	394	200	<0.2	<0.2	107	110	430	420	83	145	36	50	39	70	6.1	19	400	350	7.8	15	270	120
1,3,5 Trimethylbenzene	—		<3.0	190	160	350	87.0	55.0	<2.0	<2.0	840	143	63.0	50.8	63.9	15.7	42.0	33.0	47.0	<0.2	<0.2	13.0	99.0	110	<20.0	11	2.5	10	<10	17	<1.9	3.6	390	110	1.8	3.1	110	29
1,2 Dichlorobenzene	600		<10.0	250	61	310	<10.0	<10.0	1.8	<0.6	<60.0	<6.0	<0.6	<6.0	5.9	3.2	8.9	2.5	6.5	<0.7	1.8	3.6	<12.0	<6.0	<6.0	6	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2 Dichloroethene	5.0		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<0.3	<0.3	<30.0	<3.0	<0.8	<3.0	<0.8	<0.8	2.7	<0.5	<0.5	<0.5	<0.5	<3.0	<6.0	<3.0	<3.0	<1.5	1.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4 Trichlorobenzene	70		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200.0	<20.0	<2.0	<20.0	<2.0	<2.0	<2.0	<2.0	<2.0	21.0	<2.0	<10.0	<40.0	<20.0	<20.0	<10.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4 Dichlorobenzene	75		<10.0	180	130	190	67	44	1.1	<0.2	<20.0	<2.0	<0.2	<20.0	2.2	1.2	2.0	0.5	1.2	<0.5	<0.5	<1.0	<4.0	<2.0	<2.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromobenzene	—		<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200.0	<20.0	<2.0	<20.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	14.0	<40.0	<20.0	<20.0	<10.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	—		<10.0	340	360	460	230	320	240	20.3	<30.0	141	59.0	<3.0	110	95.0	204	70.0	94.0	120	35.0	<1.5	72.0	54.0	88.0	115	57.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	6.0		<5.0	26	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<100.0	<10.0	<1.0	<10.0	<1.0	<1.0	<0.5	<0.5	<0.5	<0.5	<0.5	<5.0	<20.0	<10.0	<10.0	<5.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-isopropylether	—		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<2.0	<2.0	<200.0	<20.0	<2.0	<20.0	44.9	<2.0	32.0	32.0	1.6	70.0	<2.0	<10.0	<40.0	83.0	<20.0	<10	<20	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isopropylbenzene	—		<10.0	30.0	24.0	<10.0	12.0	<10.0	<1.5	<1.5	<150.0	<15.0	5.0	<15.0	13.9	8.3	12.0	7.8	5.5	16.0	<1.0	<7.5	<30.0	17.4	<15.0	8.3	<15	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	5.0		<50.0	<50.0	<50.0	<50.0	<50.0	<50.0	<1.4	<1.4	<140.0	<14.0	<1.4	<14.0	<1.4	<1.1	<1.4	1.8	<1.4	<1.4	<1.4	<2.0	<28.0	<14.0	27.0	<7.0	<10	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	—		<3.0	68.0	61.0	79.0	36.0	22.0	18.6	<2.0	722	105	68.4	139	30.1	11.7	20.0	15.0	16.0	29.0	21.0	12.0	55.0	58.0	79.0	<10.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Propylbenzene	—		<4.0	70.0	58.0	940	27.0	220	<2.0	<2.0	342	45.6	7.4	87.0	24.8	15.0	29.0	18.0	7.6	31.0	<1.0	13.0	<40.0	34.0	<20.0	18.5	12.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Isopropyltoluene	—		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	3.7	<1.0	<100.0	<10.0	<1.0	<10.0	<1.0	1.8	<1.0	1.4	<1.0	<1.0	1.2	<5.0	<20.0	<10.0	<10.0	<5.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
sec-Butylbenzene	—		<4.0	<4.0	<4.0	<4.0	<4.0	<4.0	7.0	<2.0	<200.0	<20.0	3.1	<20.0	2.9	2.8	2.1	1.7	1.4	<1.0	<1.0	<10.0	<40.0	<20.0	<20.0	<10.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
t-Butylbenzene	—		<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<2.0	<2.0	943	806	806	806	<2.0	<2.0	<1.0	<1.0	<1.0	480	<1.0	<10.0	<40.0	141	<20.0	<10.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0		<4.0	<4.0	<4.0	<4.0	<4.0	1.3	<0.4	<0.4	<40.0	<4.0	<0.2	<4.0	<0.4	<0.4	<0.3	<0.5	<0.3	<0.3	<0.3	<2.0	<8.0	<4.0	<4.0	<2.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloride	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	42000	49000	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate + Nitrite	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	9.6	14	NA	NA	NA	NA	4,700	2,900
Sulfate	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	16000	11000	NA	NA	NA	NA	6,300	NA
Iron	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1400	4100	NA	NA	NA	NA	<65	<65
Dissolved Oxygen	—		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.5	1.5	2.0	1.5	1.0	1.0	2.5	1.0
Analytical Method	—		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	4	4	4	4	4	4	4	4	4	4	4
Laboratory	—		Serco	Serco	Serco	Serco	Serco	Serco	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	Badger	Badger	Badger	Badger	Badger	MVTL	MVTL	MVTL	MVTL	MVTL	NET	NET	NET	NET	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL	MVTL

Notes:

Analytical Method
1. VOCs using USEPA 8021
2. PVOCs using USEPA 8020 plus bromobenzene
3. PVOCs using USEPA 8020 plus chlorobenzene
4. PVOCs using USEPA 8020
5. PVOCs using USEPA Method 8020/5030 modified

NA - Not Analyzed
— = No limit established in NR140
Bold # = Parameter present above the method detection limit.
(B) - Analyte found in lab blank as well as sample. This indicates possible/probable blank contamination.
ES - Enforcement Standard, NR140 - (October, 1996)
PAL - Preventive Action Limit, NR140 - (October, 1996)

Serco - St. Paul, Minnesota
MVTL - New Ulm, Minnesota & Milwaukee, Wisconsin
Badger - Appleton, Wisconsin
NET - National Environmental Testing, Inc., Rockford, Illinois
Only parameters present above the detection limit are presented in the table.

Table 1
Mercury Marine Plant 33

Groundwater Monitoring Results

Sampling Date	NR140		33E-1										33E-2										33E-3													
			4/16/92	10/14/93	10/27/94	2/20/95	4/24/95	2/17/96	4/24/96	2/11/98	5/5/98	6/3/98	4/16/92	10/14/93	2/15/94	4/20/94	7/18/94	10/27/94	2/20/95	4/24/95	2/11/98	5/5/98	4/16/92	10/14/93	4/20/94	7/18/94	10/27/9	2/20/95	4/24/95	7/17/95	10/16/95	2/17/96	4/24/96	2/11/98	5/5/98
Parameter (ug/L)	ES	PAL																																		
Benzene	5.0	0.5	13	36.9	0.4	<10	2.2	4.7	10	<0.31	70	0.48	<1.0	<2.0	<0.2	<0.2	<0.2	<0.2	<2.0	<2.0	<0.31	<0.31	420	5.2	3.4	3.7	2.0	<2.0	<2.0	6.7	<2.0	<1.0	1.5	1.1	0.8
Ethylbenzene	700	140	4.3	3.8	<0.2	<7.5	<1.5	<1.0	<1.0	<0.35	<0.35	<0.35	<1.0	<1.5	<0.2	<0.2	<0.2	<0.2	<1.5	<1.5	<0.35	<0.35	<1.5	<1.5	6.0	<0.2	<0.2	<1.5	<1.5	<1.5	<1.5	<1.0	<1.0	<0.35	<0.35
Toluene	343	68.6	<1.0	10.4	<0.5	<10	<2.0	<1.0	<1.0	<0.32	<0.32	<0.32	<1.0	<2.0	<0.2	<0.2	<0.2	<0.2	<2.0	<2.0	<0.32	<0.32	21	<2.0	21	0.5	<0.5	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<0.32	<0.32
Xylenes	620	124	1.1	15.1	0.3	<15	<3.0	1.3	1.2	<0.73	12.1	<0.73	<3.0	<3.0	<0.4	<0.4	0.3	<0.5	<3.0	<3.0	<0.73	<0.73	41	5.2	21	4.9	0.3	<3.0	<3.0	<3.0	<3.0	<1.0	<1.0	<0.73	<0.73
Methyl tert-butyl ether	60	12	17	27.9	54	16.2	60	64	72	29	18	56	23	<2.0	3.2	6.0	2.4	0.9	3.8	3.7	2.7	1.7	<2.0	<2.0	2.5	<0.4	1.6	<2.0	<2.0	<2.0	<2.0	<1.0	1.2	0.69	0.36
Naphthalene	40	8	<0.2	<2.2	<1.0	<2.2	<2.2	NA	NA	NA	NA	NA	<0.2	<2.0	<1.0	<1.0	<1.0	<1.0	<2.2	<2.2	NA	NA	4	<2.2	3.9	1.3	2.0	<2.2	<2.2	<2.2	<2.2	NA	NA	NA	NA
1,2,4 Trimethylbenzene	—	—	1.4	5.6	<0.8	<5.0	<1.0	2.2	1.4	<0.36	1.4	<0.36	<0.2	<1.0	<0.2	<0.2	<0.2	<0.2	<1.0	<1.0	<0.36	<0.36	350	2.6	12	1.7	0.7	15.0	11.8	36.3	<1.0	7.4	<1.0	3.6	1.6
1,3,5 Trimethylbenzene	—	—	<0.3	<0.3	<0.2	<2.0	<2.0	<1.0	<1.0	<0.38	1.8	<0.38	<0.3	<2.0	<0.2	<0.2	<0.2	<0.2	<2.0	<2.0	<0.38	<0.38	71	<2.0	1.4	<0.2	<0.5	3.4	2.1	7.1	<2.0	1.6	<1.0	1.4	0.62
1,2 Dichlorobenzene	600	60	<1.0	<0.6	<0.7	<0.6	<0.6	NA	NA	NA	NA	NA	<1.0	<0.6	<0.7	<0.7	<0.7	<0.7	<0.6	<0.6	NA	NA	<0.6	<0.6	<0.7	0.9	<0.7	<0.6	<0.6	<0.6	<0.6	NA	NA	NA	NA
1,4 Dichlorobenzene	75	15	<1.0	<0.2	<0.5	<0.2	<0.2	NA	NA	NA	NA	NA	<1.0	<0.2	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	NA	NA	<1.0	<0.2	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA
2 Chloroethylvinyl ether	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	—	—	<1.0	<0.3	<0.6	<0.3	<0.3	NA	NA	NA	NA	NA	<1.0	<0.3	<0.6	<0.6	<0.6	<0.6	<0.3	<0.3	NA	NA	<0.6	<0.6	<0.6	<0.5	1.3	2.5	1.9	4.9	1.3	NA	NA	NA	NA
Chloroform	6.0	0.6	<0.5	<1.0	<0.5	<5.0	<1.0	NA	NA	NA	NA	NA	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	NA	NA	6	<1.0	<0.5	<0.5	<0.5	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Carbon Tetrachloride	5.0	0.5	<0.4	<0.4	<0.4	<0.4	<0.4	NA	NA	NA	NA	NA	<0.2	<0.4	<0.2	<0.2	<0.2	<0.2	<0.4	<0.4	NA	NA	<0.2	<0.4	<0.2	<0.2	<0.2	<0.4	<0.4	<0.4	<0.4	NA	NA	NA	NA
Dichlorodifluoromethane	1000	200	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	<0.5	<2.0	<1.2	<1.2	<1.2	<1.2	<2.0	<2.0	NA	NA	<0.5	<2.0	<1.2	<1.2	<1.2	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA
Isopropylbenzene	—	—	<1.5	<1.5	<1.5	<1.5	<1.5	NA	NA	NA	NA	NA	<1.0	<1.5	<1.0	<1.0	<1.0	<1.0	<1.5	<1.5	NA	NA	14	2.0	2.9	1.9	<1.0	<1.5	1.5	3.7	<1.5	NA	NA	NA	NA
Methylene Chloride	5.0	0.5	<5.0	<5.0	<1.4	<1.4	<1.4	NA	NA	NA	NA	NA	<1.4	<1.4	<1.4	<1.4	1.8 (B)	<1.4	<1.4	<1.4	NA	NA	<1.4	<1.4	<1.4	1.9 (B)	<1.4	<1.4	<1.4	<1.4	<1.4	NA	NA	NA	NA
n-Butylbenzene	—	—	<0.3	2.4	<1.0	<10	<2.0	NA	NA	NA	NA	NA	<0.3	<2.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	NA	NA	25	<2.0	3.9	1.4	2.6	2.3	<2.0	3.8	<2.0	NA	NA	NA	NA
n-Propylbenzene	—	—	<0.4	<2.0	<1.0	<2.0	<2.0	NA	NA	NA	NA	NA	<0.4	<2.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	NA	NA	NS	NS	NS	NS	NS	NS	NS	3.1	<2.0	NA	NA	NA	NA
sec-Butylbenzene	—	—	<2.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA	NA	<0.4	<2.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	NA	NA	<2.0	<2.0	1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA
Chloride	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate, Nitrite	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Analytical Method			1	1	1	1	1	4	4	4	4	4	1	1	1	1	1	1	1	1	4	4	2	2	1	1	1	1	1	1	1	4	4	4	4
Laboratory			Serco	MVTL	Badger	MVTL	MVTL	NET	NET	MVTL	MVTL	MVTL	Serco	MVTL	Badger	Badger	Badger	Badger	MVTL	MVTL	MVTL	MVTL	Serco	MVTL	Badger	Badger	Badger	MVTL	MVTL	MVTL	MVTL	NET	NET	MVTL	MVTL

Sampling Date	NR140		33E-4											
			4/16/92	10/14/93	4/20/94	10/27/94	2/20/95	4/24/95	7/17/95	10/16/9	2/17/9	4/24/96	2/11/98	5/5/98
Parameter (ug/L)	ES	PAL												
Benzene	5.0	0.5	3.4	<2.0	6.1	<0.2	<2.0	<2.0	<2.0	39	2.2	5.2	0.44	<0.31
Ethylbenzene	700	140	<0.2	<1.5	1.6	<0.2	<1.5	<1.5	<1.5	<7.5	<1.0	<1.0	<0.35	<0.35
Toluene	343	68.6	<0.5	<2.0	16	<0.5	<2.0	<2.0	<2.0	46	<1.0	12	<0.32	<0.32
Xylenes	620	124	<0.5	5.2	12.7	<0.5	<3.0	<3.0	<3.0	369	<1.0	11	0.78	<0.73
Methyl tert-butyl ether	60	12	<1.0	<2.0	1.8	2.8	<2.0	<2.0	<2.0	<10.0	<1.0	<1.0	0.30	<0.29
Naphthalene	40	8	<0.2	<2.2	<1.0	<1.0	<2.2	<2.2	<2.2	<2.2	NA	NA	NA	NA
1,2,4 Trimethylbenzene	—	—	<0.2	1.4	1.1	<0.2	<1.0	<1.0	<1.0	13.0	<1.0	1.7	0.70	<0.36
1,3,5 Trimethylbenzene	—	—	<0.2	<2.0	0.2	<0.2	<2.0	<2.0	<2.0	31.0	<1.0	<1.0	0.55	<0.38
1,2 Dichlorobenzene	600	60	<1.0	<0.6	<0.7	<0.7	<0.6	<0.6	<0.6	8.7	NA	NA	NA	NA
1,4 Dichlorobenzene	75	15	<1.0	<0.2	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	NA	NA	NA	NA
2 Chloroethylvinyl ether	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	—	—	<0.6	1.4	<0.6	<0.6	1.4	<0.3	1.0	7.8	NA	NA	NA	NA
Chloroform	6.0	0.6	<0.5	<1.0	<0.5	<0.5	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA
Carbon Tetrachloride	5.0	0.5	<0.4	<0.4	<0.2	<0.2	<0.4	<0.4	<0.4	<0.4	NA	NA	NA	NA
Dichlorodifluoromethane	1000	200	<2.0	<2.0	<1.2	<1.2	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA
Isopropylbenzene	—	—	1.1	<2.0	<1.0	<1.0	<1.5	<1.5	<1.5	<7.5	NA	NA	NA	NA
Methylene Chloride	5.0	0.5	<5.0	<5.0	<1.4	<1.4	<1.4	<1.4	<1.4	<1.4	NA	NA	NA	NA
n-Butylbenzene	—	—	<0.3	<2.0	<1.0	<1.0	<2.0	<2.0	<2.0	30.0	NA	NA	NA	NA
n-Propylbenzene	—	—	NS	NS	NS	NS	NS	NS	<2.0	<2.0	NA	NA	NA	NA
sec-Butylbenzene	—	—	<2.0	<2.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	NA	NA	NA	NA
Chloride	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrogen, Nitrate, Nitrite	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dissolved Oxygen	—	—	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Analytical Method			1	1	1	1	1	1	1	1	4	4	4	4
Laboratory			Serco	MVTL	Badger	Badger	MVTL	MVTL	MVTL	MVTL	NET	NET	MVTL	MVTL

Notes:

Analytical Method
1. VOCs using USEPA 8021
2. PVOCs using USEPA 8020 plus Naphthalene
3. PVOCs using USEPA 8020 plus Chlorobenzene
4. PVOCs using USEPA 8020

NA - Parameter not included in analytical testing.
— No limit established in NR140
(B) - Analyte found in lab blank as well as sample. This indicates possible blank contamination.
PAL - Preventive Action Limit, NR140, (October, 1996).
ES - Enforcement Standard, NR140, (October, 1996).

Table 7

Mercury Marine Plant 33
Fuel System - South of the Plant
Groundwater Monitoring Results
STS Project No. 22811XF

Monitoring Well No.																												
Sampling Date	NR140		10/89	6/90	4/91	1/92	4/16/92	7/7/92	10/22/92	2/15/93	7/22/93	10/14/93	2/15/94	4/20/94	4/18/94	10/27/94	2/20/95	7/17/95	10/16/95	2/17/96	10/17/96	7/7/92	7/22/93	7/18/94	2/20/95	7/17/95
Parameter (ug/L)	ES	PAL																										
Benzene	5	0.5	15.3	277.0	74.0	24.0	32.0	28.0	9.8	<2.0	7.9	<2.0	2.6	12.8	4.6	<0.2	<2.0	2.3	<2.0	<1.0	<1.0	<1.0	<2.0	<0.2	<0.2	<2.0
Ethylbenzene	700	140	3.1	2.5	<1.0	<1.0	<1.0	18.0	2.9	<1.5	<1.5	<1.5	<0.2	25.0	6.0	0.5	<1.5	<1.5	<1.5	<1.0	<1.0	<1.0	<1.5	<0.2	<1.5	<1.5
Toluene	343	68.6	3.5	3.0	1.5	<1.0	<1.0	15.0	4.1	<2.0	<2.0	<2.0	<0.2	148	7.5	<0.5	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<2.0	0.6	<2.0	<2.0
Xylenes	620	124	47.3	3.2	<1.0	<1.0	<1.0	39.0	9.6	<3.0	<3.0	<3.0	<0.4	190	51.0	5.6	<3.0	<3.0	<3.0	<1.0	<1.0	<1.0	<3.0	0.6	<3.0	<3.0
Methyl tert-butyl ether	60	12	NA	NA	NA	NA	30	<10	<10	<2.0	<2.0	<2.0	3.1	1.8	2.7	4.0	2.2	NA	3.2	2.6	<1.0	<10	<2.0	<0.4	<2.0	NA
Naphthalene	40	8	NA	NA	NA	NA	<0.2	8.8	<0.2	<2.2	<2.2	<2.0	<1.0	8.9	10	<1.0	<2.2	2.6	<2.2	NA	NA	<0.2	<2.2	<1.0	<2.2	<2.2
1,2,4 Trimethylbenzene	—		NA	NA	NA	NA	2.9	34.0	2.4	<1.0	<1.0	<1.0	<0.2	39.0	20	0.8	<1.0	4.3	<1.0	<1.0	<1.0	<0.2	<1.0	<0.2	<1.0	<1.0
1,3,5 Trimethylbenzene 480	—	96	NA	NA	NA	NA	<0.3	7.6	<0.3	<2.0	<2.0	<2.0	<0.2	<0.2	6	4.3	<2.0	<2.0	<2.0	<1.0	<1.0	<0.2	<2.0	<0.2	<2.0	<2.0
1,2 Dichlorobenzene	600	60	<1.0	4.5	<1.0	<1.0	1.7	1.5	<1.0	<0.6	<0.6	<0.6	<0.7	<0.7	<0.7	<0.7	<0.6	<0.6	<0.6	NA	NA	<1.0	<0.6	<0.7	<0.6	<0.6
1,4 Dichlorobenzene	75	15	NA	NA	NA	NA	<1.0	9.4	1.1	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	NA	NA	<1.0	<0.2	<0.5	<0.2	<0.2
2 CVE	—	—	<0.4	<0.4	4.6	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	—	—	4.6	5.5	4.1	2.9	3.0	1.7	<1.0	<0.3	<0.3	0.9	<0.6	<0.6	1.4	0.7	<0.3	1.9	1.2	NA	NA	1.6	<0.3	<0.6	<0.3	<0.3
Chloroform	6	0.6	NA	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	NA	NA	<5.0	<1.0	<5.0	<1.0	<1.0
CTA	5	0.5	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.2	<0.4	<0.4	<0.4	<0.2	<0.2	<0.2	<0.2	<0.4	<0.4	<0.4	NA	NA	<0.2	<0.4	<0.2	<0.4	<0.4
Dichlorodifluoromethane	1000	~~500~~ 200	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	<2.0	<1.2	<1.2	<1.2	<1.2	<2.0	<2.0	6.2	NA	NA	<0.5	<2.0	<1.2	<2.0	<2.0
Isopropylbenzene	—	—	NA	NA	NA	NA	7.1	1.7	<1.0	<1.5	<1.5	<1.5	<1.0	1.4	1.8	<1.0	<1.5	<1.5	<1.5	NA	NA	<1.0	<1.5	<1.0	<1.5	<1.5
Methylene Chloride	5	0.5	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.4	<1.4	<1.4	<1.4	<1.4	1.7 B	<1.4	<1.4	<1.4	<1.4	NA	NA	<5.0	<1.4	1.8 B	<1.4	<1.4
n-Butylbenzene	—	—	NA	NA	NA	NA	<0.3	5.0	<0.3	<2.0	8.8	<2.0	<1.0	5.0	2.8	2.7	<2.0	<2.0	<2.0	NA	NA	<0.3	<2.0	<1.0	<2.0	<2.0
n-Propylbenzene	—	—	NA	NA	NA	NA	3.3	3.4	0.7	<2.0	<2.0	<2.0	<1.0	2.3	3.0	<1.0	<2.0	<2.0	<2.0	NA	NA	2.7	<2.0	<1.0	<2.0	<2.0
sec-Butylbenzene	—	—	NA	NA	NA	NA	<0.4	1.6	<0.4	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	NA	NA	<0.4	<2.0	<1.0	<2.0	<2.0
Laboratory			Badger	Badger	Badger	Serco	Serco	Serco	Serco	MVTL	MVTL	MVTL	Badger	Badger	Badger	Badger	MVTL	MVTL	MVTL	NET	NET	Serco	MVTL	Badger	MVTL	MVTL

10-24-89 | 8-90
460 178
18.8 <0.7
21 <0.6
6 1.6 0.9
4.4 5.6
8.9 1.7
1-1

1,1,1 Trichloroethane 200/40

□ > ES
■ > PAL

Notes:
Only parameters present above the detection limit are included in the table.
CTA - Carbon Tetrachloride
CVE - Chloroethylvinyl ether
TMB - Trimethylbenzene
TCB - Trichlorobenzene
MTBE - Methyl Tertiary Butyl Ether
PAL - Preventive Action Limit, NR140, (October, 1996).
ES - Enforcement Standard, NR140, (October, 1996).
NR140 PAL exceedance -
NR140 ES exceedance -
--- No limit established in NR140
(B) - Analyte found in lab blank as well as sample. This indicates possible blank contamination.
NA - Parameter not included in analytical testing.
NS - Not sampled
Badger - Badger Laboratories & Engineering Company, Inc. - Appleton, Wisconsin
MVTL - MVTL Laboratories Inc. - New Ulm, Minnesota
NET - National Environmental Testing, Inc. - Rockford, Illinois
Serco - Serco Laboratories, St. Paul, Minnesota

Kepler Drive
Green Bay, Wisconsin 54311
414.468.1978/Fax 414.468.3312

Table 7 - Cont.

Mercury Marine Plant 33
Fuel System - South of the Plant
Groundwater Monitoring Results
STS Project No. 22811XF

Monitoring Well No.																							
mpling Date	NR140		6/90	4/91	1/92	4/16/92	7/7/92	10/22/92	2/16/93	4/22/93	7/22/93	10/14/93	4/20/94	7/18/94	10/27/94	2/20/95	4/24/95	7/17/95	10/16/95	2/17/96	10/17/96	10/24/89	8/90
rameter (ug/L)	ES	PAL																					
enzene	5	0.5	<1.0	7.8	77.0	57.0	23.0	4.4	<2.0	7.8	15.7	<2.0	31.0	1.6	1.6	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	3596	42
thylbenzene	700	140	<1.0	5.9	<1.0	4.4	<1.0	<1.0	<1.5	<1.5	<1.5	<1.5	1.4	<0.2	<0.2	<1.5	<1.5	<1.5	<1.5	<1.0	<1.0	1463	<0.7
oluene	343	68.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	31.0	<0.5	<0.5	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	6563	0.9
Xylenes	620	124	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<3.0	<3.0	<3.0	<3.0	1.1	0.6	<0.5	<3.0	<1.0	<3.0	<3.0	<1.0	<1.0	6343	2.4
Methyl tert-butyl ether	60	12	NA	NA	NA	23.0	<10	<10	<2.0	6.8	24.0	<2.0	1.8	4.1	2.0	<2.0	2.2	<2.0	<2.0	1.7	<1.0		
Naphthalene	40	8	NA	NA	NA	4.7	10.0	<0.2	<2.2	<2.2	<2.2	<2.2	<1.0	<1.0	<1.0	<2.2	<2.2	<2.2	2.4	NA	NA		
,2,4 Trimethylbenzene	—	96	NA	NA	NA	<0.2	<0.2	<0.2	<1.0	<1.0	<1.0	<1.0	<0.2	0.2	<0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		
,3,5 Trimethylbenzene	—	—	NA	NA	NA	<0.3	<0.3	<0.3	<2.0	<2.0	<2.0	<2.0	<0.2	<0.2	<0.2	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	35	11.8
,2 Dichlorobenzene	600	60	<1.0	1.7	<1.0	2.1	2.1	1.6	<0.6	<0.6	3.2	2.2	<0.7	1.5	<0.7	<0.6	<0.6	<0.6	0.8	NA	NA		2.4
,4 Dichlorobenzene	75	15	NA	NA	NA	<1.0	<1.0	<1.0	<0.2	<0.2	<0.2	<0.2	<0.5	<0.5	<0.5	<0.2	<0.2	<0.2	<0.2	NA	NA		
CVE	—	—	<0.4	<0.4	<0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA		<0.6
hlorobenzene	—	—	<0.2	<0.2	2.1	<1.0	1.1	1.1	<0.3	<0.3	5.6	5.7	2.5	2.9	2.0	1.2	1.3	1.0	1.0	NA	NA		
hloroform	6	0.6	NA	NA	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	NA	NA		
TA	5	0.5	NA	0.2	<0.2	<0.2	<0.2	<0.2	1.7	<0.4	<0.4	<0.4	<0.2	<0.2	<0.2	<0.4	<0.4	<0.4	<0.4	NA	NA		
Dichlorodifluoromethane	1000	~~500~~ 200	NA	NA	<0.5	<0.5	<0.5	<0.5	<2.0	<2.0	<2.0	<2.0	<1.2	<1.2	<1.2	<2.0	<2.0	<2.0	<2.0	NA	NA		
sopropylbenzene	—	—	NA	NA	NA	1.7	<1.0	<1.0	<1.5	<1.5	<1.5	<1.5	<1.0	<1.0	<1.0	<1.5	<1.5	<1.5	<1.5	NA	NA		
Methylene Chloride	5	0.5	<5.0	3.0	<5.0	<5.0	<5.0	<5.0	<1.4	<1.4	<1.4	<1.4	<1.4	1.9 (B)	<1.4	<1.4	<1.4	<1.4	<1.4	NA	NA		
-Butylbenzene	—	—	NA	NA	NA	<0.3	<0.3	<0.3	<2.0	<2.0	5.3	<2.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	NA	NA		
-Propylbenzene	—	—	NA	NA	NA	3.1	<0.4	<0.4	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	NA	NA		
ec-Butylbenzene	—	—	NA	NA	NA	<0.4	<0.4	<0.4	<2.0	<2.0	<2.0	<2.0	<1.0	<1.0	<1.0	<2.0	<2.0	<2.0	<2.0	NA	NA		
aboratory			Badger	Badger	Serco	Serco	Serco	Serco	MVTL	MVTL	MVTL	MVTL	Badger	Badger	Badger	MVTL	MVTL	MVTL	MVTL	NET	NET		

,2 Dichloroethane 1,2 Dichloroethane 5/1.5 9.5

1,1,1-Trichloroethane 200/40 10.3 1.1

Trichloroethane 5/1.5 2.4

Chloroethane 400/80 15.8

Notes:
Only parameters present above the detection limit are included in the table.
CTA - Carbon Tetrachloride
CVE - Chloroethylvinyl ether
TMB - Trimethylbenzene
TCB - Trichlorobenzene
MTBE - Methyl Tertiary Butyl Ether
PAL - Preventive Action Limit, NR140, (October, 1996).
ES - Enforcement Standard, NR140, (October, 1996).
NR140 PAL exceedance -
NR140 ES exceedance -
--- No limit established in NR140
(B) - Analyte found in lab blank as well as sample. This indicates possible blank contamination.
NA - Parameter not included in analytical testing.
NS - Not sampled
Badger - Badger Laboratories & Engineering Company, Inc. - Appleton, Wisconsin
MVTL - MVTL Laboratories Inc. - New Ulm, Minnesota
NET - National Environmental Testing, Inc. - Rockford, Illinois
Serco - Serco Laboratories, St. Paul, Minnesota

□ > ES

□ > PAL

T411F002

~~Table 2~~ Table 11

Geoprobe Groundwater Analytical Results
Mercury Marine Plant 33 - Oxford Area
Oshkosh, Wisconsin
STS Project No. 22810XF

			Sample No.		
		Date Sampled	33 GP-28 6/23/95	33 GP-31 6/23/95	33 GP-32 6/23/95
	NR 140 ES	NR 140 PAL			
Parameter (µg/L)					
Benzene	5	0.5	<4	<4	**3120**
Ethylbenzene	700	140	<4	<4	<4
Toluene	343	68.6	<4	290	<4
Total Xylenes	620	124	<8	<8	<8
Naphthalene	40	8.0	<4		**3170**
Total Trimethylbenzenes 480/480	~~50*~~	~~10*~~	1050	310	170
MTBE	60	12	<4	**740**	<4
GRO	--	--	**23520**	**9100**	**21000**

Notes:

Samples analyzed in the field by METCO.
NR 140 ES = NR 140 Enforcement Standard (October 1996).
NR 140 PAL = Preventive Action Limit (October 1996).
PAL Exceedance
ES Exceedance
Groundwater samples were collected from Geoprobe boreholes.
-- No NR 140 PAL or ES established.
BOLD # - Parameter present above the method detection limit.
* ES, PAL proposed June 1997.

USFilter

Table 14

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7226
FACSIMILE 715-355-3221

Mercury Marine 05815
W6250 Pioneer Road
P. O. Box 1939
Fond du Lac, Wi 54936-1939

Attn: Matt Hilse/ Ray Moreno

PROJECT NO.: 22810XF
SAMPLED BY : Client
DATE REC'D.: 11/08/00
REPORT DATE: 11/17/00
PREPARED BY: GPF

Sample ID: 33E92-1 Matrix: WATER Sample Date: 11/07/00 Lab No. 055866

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8260								
Benzene	452.	µg/l	0.15	0.5	20		11/15/00	MPM
Bromobenzene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
Bromochloromethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
Bromodichloromethane	<1.20	µg/l	0.06	0.2	20		11/15/00	MPM
Bromoform	<1.40	µg/l	0.07	0.233	20		11/15/00	MPM
Bromomethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
n-Butylbenzene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
sec-Butylbenzene	4.32	µg/l	0.15	0.5	20		11/15/00	MPM
tert-Butylbenzene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
Carbon Tetrachloride	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
Chlorobenzene	19.8	µg/l	0.15	0.5	20		11/15/00	MPM
Chloroethane	<10.0	µg/l	0.5	1.67	20		11/15/00	MPM
Chloroform	<1.20	µg/l	0.06	0.2	20		11/15/00	MPM
Chloromethane	<3.40	µg/l	0.17	0.566	20		11/15/00	MPM
2-Chlorotoluene	21.9	µg/l	0.15	0.5	20		11/15/00	MPM
4-Chlorotoluene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
Dibromochloromethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
Dibromochloropropane(DBCP)	<5.00	µg/l	0.25	0.833	20		11/15/00	MPM
1,2-Dibromoethane(EDB)	<1.20	µg/l	0.06	0.2	20		11/15/00	MPM
Dibromomethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,2-Dichlorobenzene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,3-Dichlorobenzene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,4-Dichlorobenzene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
Dichlorodifluoromethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,1-Dichloroethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,2-Dichloroethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,1-Dichloroeth(yl)ene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
cis-1,2-Dichloroeth(yl)ene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
trans-1,2-Dichloroethylene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,2-Dichloropropane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,3-Dichloropropane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
2,2-Dichloropropane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,1-Dichloropropene	<5.00	µg/l	0.25	0.833	20		11/15/00	MPM
cis-1,3-Dichloropropene	<1.40	µg/l	0.07	0.233	20		11/15/00	MPM
trans-1,3-Dichloropropene	<1.80	µg/l	0.09	0.3	20		11/15/00	MPM
Ethylbenzene	65.1	µg/l	0.15	0.5	20		11/15/00	MPM
Hexachlorobutadiene	<20.0	µg/l	1.0	3.33	20		11/15/00	MPM
Isopropylbenzene	10.5	µg/l	0.15	0.5	20		11/15/00	MPM
4-Isopropyltoluene	9.06	µg/l	0.15	0.5	20		11/15/00	MPM
Methylene Chloride	18.0	µg/l	0.5	1.67	20	LBC	11/15/00	MPM
Methyl t-Butyl Ether(MTBE)	13.1	µg/l	0.14	0.466	20		11/15/00	MPM
Naphthalene	24.2	µg/l	1.0	3.33	20		11/15/00	MPM
n-Propylbenzene	20.0	µg/l	0.15	0.5	20		11/15/00	MPM
Styrene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,1,1,2-Tetrachloroethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,1,2,2-Tetrachloroethane	<1.60	µg/l	0.08	0.266	20		11/15/00	MPM
Tetrachloroeth(yl)ene	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
Toluene	35.4	µg/l	0.4	1.33	20		11/15/00	MPM
1,2,3-Trichlorobenzene	<10.0	µg/l	0.5	1.67	20		11/15/00	MPM
1,2,4-Trichlorobenzene	<10.0	µg/l	0.5	1.67	20		11/15/00	MPM
1,1,1-Trichloroethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,1,2-Trichloroethane	<1.80	µg/l	0.09	0.3	20		11/15/00	MPM
Trichloroeth(yl)ene	<2.00	µg/l	0.1	0.333	20		11/15/00	MPM

☐ > ES
☐ > PAL

All Analyses conducted in accordance with USFilter Quality Assurance Program
Wisconsin Lab Certification No. 73/0531130

VIVENDI water company

USFilter

Table 19
-Cont.

ENVIROCHEM SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD WI 54474
TELEPHONE 800 338 7226
FACSIMILE 715 359 3221

Mercury Marine 05815
W6250 Pioneer Road
P. O. Box 1939
Fond du Lac, Wi 54936-1939

Attn: Matt Nilse/ Ray Moreno

PROJECT NO.: 22810XF
SAMPLED BY : Client
DATE REC'D : 11/08/00
REPORT DATE: 11/17/00
PREPARED BY: GPF

Sample ID: 53E92-1 Matrix: WATER Sample Date: 11/07/00 Lab No. 055866

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8260								
Trichlorofluoromethane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,2,3-Trichloropropane	<3.00	µg/l	0.15	0.5	20		11/15/00	MPM
1,2,4-Trimethylbenzene	355	µg/l	0.4	1.33	20		11/15/00	MPM
1,3,5-Trimethylbenzene	115	µg/l	0.15	0.5	20		11/15/00	MPM
Vinyl Chloride	<2.40	µg/l	0.12	0.4	20		11/15/00	MPM
o-Xylene	23.5	µg/l	0.15	0.5	20		11/15/00	MPM
m-& p-Xylene	305	µg/l	0.4	1.33	20		11/15/00	MPM

Qualifier Descriptions

LBC Analyte is a common laboratory solvent or chemical. Positive identification may be due to laboratory contamination. An additional qualifier of MB indicates this compound was also found in the Method Blank.

☐ > ES
☐ > PAL

USFilter

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800-338-7220
FACSIMILE 715-359-3221

Table 14 -Cont.

Mercury Marine 05815
W6250 Pioneer Road
P. O. Box 1939
Fond du Lac, Wi 54936-1939

Attn: Matt Hilse/ Ray Moreno

PROJECT NO.: 22810XF
SAMPLED BY : Client
DATE REC'D : 11/07/00
REPORT DATE: 11/17/00
PREPARED BY: GPF

Sample ID: TMW-32 Matrix: WATER Sample Date: 11/06/00 Lab No. 055779

EPA 8260	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
Benzene	13.6	µg/l	0.15	0.5	1		11/15/00	MPM
Bromobenzene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Bromochloromethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Bromodichloromethane	<0.06	µg/l	0.06	0.2	1		11/15/00	MPM
Bromoform	<0.07	µg/l	0.07	0.233	1		11/15/00	MPM
Bromomethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
n-Butylbenzene	1.37	µg/l	0.15	0.5	1		11/15/00	MPM
sec-Butylbenzene	3.51	µg/l	0.15	0.5	1		11/15/00	MPM
tert-Butylbenzene	0.428	µg/l	0.15	0.5	1	J	11/15/00	MPM
Carbon Tetrachloride	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Chlorobenzene	0.262	µg/l	0.15	0.5	1	J	11/15/00	MPM
Chloroethane	<0.5	µg/l	0.5	1.67	1		11/15/00	MPM
Chloroform	0.113	µg/l	0.06	0.2	1	J	11/15/00	MPM
Chloromethane	2.10	µg/l	0.17	0.566	1		11/15/00	MPM
2-Chlorotoluene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
4-Chlorotoluene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Dibromochloromethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Dibromochloropropane(DBCP)	<0.25	µg/l	0.25	0.833	1		11/15/00	MPM
1,2-Dibromoethane(EDB)	<0.06	µg/l	0.06	0.2	1		11/15/00	MPM
Dibromomethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,2-Dichlorobenzene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,3-Dichlorobenzene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,4-Dichlorobenzene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Dichlorodifluoromethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,1-Dichloroethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,2-Dichloroethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,1-Dichloroeth(yl)ene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
cis-1,2-Dichloroeth(yl)ene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
trans-1,2-Dichloroethylene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,2-Dichloropropane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,3-Dichloropropane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
2,2-Dichloropropene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,1-Dichloropropene	<0.25	µg/l	0.25	0.833	1		11/15/00	MPM
cis-1,3-Dichloropropene	<0.07	µg/l	0.07	0.233	1		11/15/00	MPM
trans-1,3-Dichloropropene	<0.09	µg/l	0.09	0.3	1		11/15/00	MPM
Ethylbenzene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Hexachlorobutadiene	<1.00	µg/l	1.0	3.33	1		11/15/00	MPM
Isopropylbenzene	5.72	µg/l	0.15	0.5	1		11/15/00	MPM
4-Isopropyltoluene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Methylene Chloride	<0.5	µg/l	0.5	1.67	1		11/15/00	MPM
Methyl t-Butyl Ether(MTBE)	77.3	µg/l	0.14	0.466	1		11/15/00	MPM
Naphthalene	8.77	µg/l	1.0	3.33	1		11/15/00	MPM
n-Propylbenzene	1.49	µg/l	0.15	0.5	1		11/15/00	MPM
Styrene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,1,1,2-Tetrachloroethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,1,2,2-Tetrachloroethane	0.202	µg/l	0.08	0.266	1	J	11/15/00	MPM
Tetrachloroeth(yl)ene	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
Toluene	1.17	µg/l	0.4	1.33	1	J	11/15/00	MPM
1,2,3-Trichlorobenzene	<0.5	µg/l	0.5	1.67	1		11/15/00	MPM
1,2,4-Trichlorobenzene	<0.5	µg/l	0.5	1.67	1		11/15/00	MPM
1,1,1-Trichloroethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,1,2-Trichloroethane	<0.09	µg/l	0.09	0.3	1		11/15/00	MPM
Trichloroeth(yl)ene	<0.1	µg/l	0.1	0.333	1		11/15/00	MPM

☐ YES
☒ NAL

All Analyses conducted in accordance with USFilter Quality Assurance Program
Wisconsin Lab Certification No. 73/053130

VIVENDI water company

USFilter

Table 14 -cont.

ENVIROSCAN SERVICES
301 WEST MILITARY ROAD
ROTHSCHILD, WI 54474

TELEPHONE 800.338.7220
FACSIMILE 715.355.3221

Mercury Marine 05815
W6250 Pioneer Road
P. O. Box 1939
Fond du Lac, Wi 54936-1939

Attn: Matt Hilse/ Ray Moreno

PROJECT NO.: 22810XF
SAMPLED BY : Client
DATE REC'D : 11/07/00
REPORT DATE: 11/17/00
PREPARED BY: GPF

Sample ID: TRW-32 Matrix: WATER Sample Date: 11/06/00 Lab No. 055779

	Result	Units	LOD	LOQ	Dilution Factor	Qualifiers	Date Analyzed	Analyst
EPA 8260								
Trichlorofluoromethane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,2,3-Trichloropropane	<0.15	µg/l	0.15	0.5	1		11/15/00	MPM
1,2,4-Trimethylbenzene	<0.4	µg/l	0.4	1.33	1		11/15/00	MPM
1,3,5-Trimethylbenzene	0.509	µg/l	0.15	0.5	1		11/15/00	MPM
Vinyl Chloride	<0.12	µg/l	0.12	0.4	1		11/15/00	MPM
o-Xylene	0.799	µg/l	0.15	0.5	1		11/15/00	MPM
m-& p-Xylene	0.635	µg/l	0.4	1.33	1	J	11/15/00	MPM

Qualifier Descriptions

J Estimated concentration below laboratory quantitation level.

☐ >ES

☐ >PAL