

# GIS REGISTRY

## Cover Sheet

July, 2008  
(RR 5367)

### Source Property Information

**BRRTS #:**

**ACTIVITY NAME:**

**PROPERTY ADDRESS:**

**MUNICIPALITY:**

**PARCEL ID #:**

**CLOSURE DATE:**

**FID #:**

**DATCP #:**

**COMM #:**

#### \*WTM COORDINATES:

X:  Y:

*\* 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:

Groundwater Contamination > ES (236)

Contamination in ROW

Off-Source Contamination

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

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:

Soil: maintain industrial zoning (220)

*(note: soil contamination concentrations  
between residential and industrial levels)*

Structural Impediment (224)

Site Specific Condition (228)

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 properly abandoned? (234)**

Yes  No  N/A

*\* Residual Contaminant Level*

*\*\*Site Specific Residual Contaminant Level*

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 #:  PARCEL ID #:

ACTIVITY NAME:  WTM COORDINATES: X:  Y:

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

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

**SOURCE LEGAL DOCUMENTS**

- 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.
- 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 #: 1**                      **Title: Site Location Map**
  - 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 #: 2**                      **Title: Site Plan Map**
  - Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour 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 #: 4**                      **Title: Existing Soil Contamination > RCL**

BRRTS #: 03-71-182214

ACTIVITY NAME: Mercury Marine Plant 6 - Petroleum

**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 #: 4**                      **Title: Geologic Cross Sections A-A'**

**Figure #: 5**                      **Title: Geologic Cross Sections B-B'**

- 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 #: 6**                      **Title: Groundwater Quality Map**

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

**Figure #: 7**                      **Title: Groundwater Contour Map**

**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 #: 1**                      **Title: Soil Quality Results- Detections Only**

- 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 #: 2**                      **Title: Groundwater Quality Results- BTEX and Detects only**

- 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 #: 3**                      **Title: Groundwater Elevations**

**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 #: 03-71-182214

ACTIVITY NAME: Mercury Marine Plant 6 - Petroleum

## 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

Jim Doyle, Governor  
Matthew J. Frank, Secretary  
Ronald W. Kazmierczak, Regional Director

Wisconsin Department of Natural Resources  
Oshkosh Service Center  
625 E CTY Y, Suite 700  
Oshkosh, Wisconsin 54901  
Telephone 920-424-3050  
FAX 920-424-4404

March 24, 2009

Tom Baumgartner  
Director, Environmental Compliance  
Mercury Marine  
W6250 Pioneer Road  
Fond du Lac WI 54936-1939

SUBJECT: Final Case Closure with Land Use Limitations or Conditions  
Mercury Marine Plant 6-Petroleum  
WDNR BRRTS #: 03-71-182214

Dear Mr. Baumgartner:

On January 23, 2009, the Northeast Region Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On February 4, 2009, you were notified that the Closure Committee had granted conditional closure to this case.

On March 23, 2009 the Department received correspondence indicating that you have complied with the requirements of closure. Conditions of closure included the abandonment of all monitoring wells and disposal of any remaining investigative waste.

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

### GIS Registry

The conditions of case closure set out below in this letter require that your site be listed on the Remediation and Redevelopment Program's GIS Registry. The specific reasons are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- Groundwater contamination is present above Chapter NR 140 enforcement standards

Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior

Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

### Closure Conditions

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

### Remaining Residual Soil Contamination

Residual soil contamination remains at GP1, GP2, GP3, GP4, GP6, MW1, MW2, MW4, MW8, MW9, MW11, MW12, and MW13 as indicated in the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

### Remaining Residual Groundwater Contamination

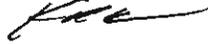
Groundwater impacted by petroleum contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on the contaminated property. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

### Residual Free Product

Free Product has been historically present at this site and may, under certain conditions, be observed in the future. If observed action should be taken to remove the free product and dispose of it appropriately.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Kevin D. McKnight at 920-424-7890.

Sincerely,



Kevin D. McKnight  
Hydrogeologist  
Remediation & Redevelopment Program

cc: file  
Sigma- via email  
Craig Dousharm-via email



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
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Ronald W. Kazmierczak, Regional Director

Wisconsin Department of Natural Resources  
Oshkosh Service Center  
625 E CTY Y, Suite 700  
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Telephone 920-424-3050  
FAX 920-424-4404

February 4, 2009



Tom Baumgartner  
Director, Environmental Compliance  
Mercury Marine  
W6250 Pioneer Road  
Fond du Lac WI 54936-1939

Subject: Conditional Closure Decision,  
With Requirements to Achieve Final Closure  
Mercury Marine Plant 6-Petroleum  
WDNR BRRTS #: 03-71-182214

Dear Mr. Baumgartner:

On January 23, 2009, the Northeast Region Closure Committee reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the petroleum contamination on the site from the former underground storage tank system appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

### MONITORING WELL ABANDONMENT

The monitoring wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Kevin McKnight on Form 3300-005 found at <http://dnr.wi.gov/org/water/dwg/gwl/> or provided by the Department of Natural Resources.

### PURGE WATER, WASTE AND SOIL PILE REMOVAL

Any remaining purge water, waste and/or soil piles generated as part of site investigation or remediation activities must be removed from the site and disposed of or treated in accordance with Department of Natural Resources' rules. Once that work is completed, please send appropriate documentation regarding the treatment or disposal of the remaining purge water, waste and/or soil piles.

### GIS PACKET REQUIRED

A soil and groundwater GIS registry packet needs to be completed and submitted to the Department.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

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. If there is equipment purchased with PECFA funds remaining at the site, contact the Commerce PECFA Program to determine the method for salvaging the equipment.

Please be aware that the 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 to the environment.

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 920-424-7890.

Sincerely,



Kevin D. McKnight  
Hydrogeologist  
Remediation & Redevelopment Program

cc: file  
Tom Verstegen-via email  
[craig\\_dousharm@mercmarine.com](mailto:craig_dousharm@mercmarine.com)  
[mkrueger@thesigmagroup.com](mailto:mkrueger@thesigmagroup.com)



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor  
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Wisconsin Department of Natural Resources  
Oshkosh Service Center  
625 E CTY Y, Suite 700  
Oshkosh, Wisconsin 54901  
Telephone 920-424-3050  
FAX 920-424-4404

September 1, 2009

Mr. Craig Dousharm  
Mercury Marine  
W6250 Pioneer Road  
Fond du Lac WI 54936-1939

Subject: A *Certificate of Completion* for a property owned by Brunswick Corporation, Mercury Marine Division, 1018 West Murdock Avenue, Oshkosh, Wisconsin DNR WDNR BRRTS ID# 06-71-540825

Dear Mr. Dousharm:

The Department on Natural Resources ("the Department") is pleased to provide Brunswick Corporation, Mercury Marine Division with a *Certificate of Completion* for remedial actions taken at 1018 West Murdock Avenue, Oshkosh, Wisconsin under the guidelines of s. 292.15(2), Wis. Stats.

The Department appreciates the work undertaken by Brunswick Corporation, Mercury Marine Division, to investigate and restore to the extent practicable the contamination associated with the Property. The exemption provided by the *Certificate of Completion* applies to any successor or assignee of Brunswick Corporation, Mercury Marine Division, if the successor or assignee complies with the appropriate conditions, pursuant to s. 292.15(3), Wis. Adm. Code.

If you have any questions or concerns regarding this letter or the *Certificate of Completion*, please contact me at 920-424-7890 or via email at [kevin.mcknight@wisconsin.gov](mailto:kevin.mcknight@wisconsin.gov).

Sincerely,

Kevin D. McKnight  
Hydrogeologist  
Remediation & Redevelopment Program

Attachment: *Certificate of Completion*

cc: File  
Michael Prager – RR/3

**State of Wisconsin**  
**Department of Natural Resources**

**CERTIFICATE OF COMPLETION  
OF RESPONSE ACTIONS  
UNDER SECTION 292.15(2)(ae), WIS. STATS.**

**Whereas**, Brunswick Corporation, a Delaware Corporation, Mercury Marine Division, has applied for an exemption from liability under s. 292.15, Wis. Stats., for the property located at 1018 West Murdock Avenue, Oshkosh, Wisconsin, further described in the legal description found on Attachment A (“the Property”);

**Whereas**, an environmental investigation of the Property has been conducted and has determined that contamination exists at the Property;

**Whereas**, Brunswick Corporation, a Delaware Corporation, Mercury Marine Division, has submitted to the Wisconsin Department of Natural Resources (“WDNR”) investigation reports and a remedial action plan for the Property which comply with the requirements set forth in chs. NR 700-754, Wis. Adm. Code, consisting of the documents and reports listed in Attachment B;

**Whereas**, in accordance with s. 292.15(2)(ae), Wis. Stats., the WDNR has determined that an environmental investigation has been conducted which adequately identified and evaluated the nature and extent of the hazardous substance discharges on the Property and WDNR has approved of the remedial action plan for the Property;

**Whereas**, residual contamination remains at the Property at locations specified in the March 24, 2009 WDNR closure letter, and if soil or groundwater is excavated or managed in the future, the person undertaking the excavation or management must sample the materials at the time of management or excavation in accordance with state and federal laws and rules. If sampling confirms that contamination is present, the person undertaking those actions will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable state and federal laws and rules. In addition, all current and future owners and occupants of the Property need to be aware that excavation or management of the contaminated soil or groundwater may pose an inhalation or other direct contact hazard and

as a result special precautions may need to be taken to prevent a direct contact health threat to humans;

**Whereas**, a Partial Certificate of Completion that was issued on August 15, 2005 (Attachment C) determined that the response action was complete for the chlorinated solvent contamination on the Property (Bureau for Remediation and Redevelopment Tracking System # 02-71-243330) and provided a limited exemption from liability pursuant to s. 292.15(2)(am), Wis. Stats. This full Certificate of Completion issued pursuant to s. 292.15(2)(ae), Wis. Stats., applies to all discharges of hazardous substances on the Property and is being issued because the remediation of all contamination has been completed;

**Whereas**, the Property contains soil contamination at depth that exceeds industrial and non-industrial residual contaminant levels (“RCLs”) under ch. NR 720, Wis. Adm. Code, and groundwater contamination that exceeds a groundwater quality enforcement standard under ch. NR 140, Wis. Adm. Code, will be included on the WDNR’s Geographical Information System Registry of Closed Remediation Sites (“the GIS Registry”) pursuant to s. 292.12(3), Wis. Stats. **Brunswick Corporation, a Delaware Corporation, Mercury Marine Division** has submitted to the WDNR all the information necessary to be included on the Registry pursuant to s. NR 726.05(2)(a)3. and s. NR 726.05(3)(a)4., Wis. Adm. Code;

**Whereas**, Brunswick Corporation, a Delaware Corporation, Mercury Marine Division, has paid to WDNR the appropriate insurance fee and has submitted a complete insurance application form to obtain coverage under the state’s master insurance contract in accordance with s. 292.15(2)(ae)3m., Wis. Stats., and ch. NR 754, Wis. Adm. Code;

**Whereas**, while residual contamination remains at the Property at depth, the approval of the response action is based on a non-industrial land use classification, per ch. NR 720, Wis. Adm. Code. This would allow for industrial or non-industrial use of the Property, consistent with the limitations specified in the document. As a result, the response action would not need to be re-evaluated to determine if it is protective based on future land uses; and

**Whereas**, on March 24, 2009, the WDNR determined that response actions necessary to restore the environment to the extent practicable with respect to the discharges and to minimize the harmful effects from the discharges to air, land and waters of the state were completed, except with respect to groundwater contaminated with benzene, ethylbenzene, naphthalene, toluene, trimethylbenzene, trichloroethene, 1,1 dichloroethene, cis-1,2 dichloroethene and vinyl chloride above the ch. NR 140, Wis. Adm. Code, groundwater quality enforcement standard that the WDNR has determined will be brought

into compliance through natural attenuation, in accordance with administrative rules promulgated by the WDNR.

**Therefore**, based upon the information that has been submitted to the WDNR, the WDNR hereby certifies that the response actions set forth in the WDNR approved remedial action plan for the Property and any other necessary response actions have been completed, except with respect to benzene, ethylbenzene, naphthalene, toluene, trimethylbenzene, trichloroethene, 1,1 dichloroethene, cis-1,2 dichloroethene and vinyl chloride contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards that WDNR has determined will be brought into compliance through natural attenuation, in accordance with rules promulgated by WDNR.

Upon issuance of this Certificate, **Brunswick Corporation, a Delaware Corporation, Mercury Marine Division**, and the persons qualified for protection under s. 292.15(3), Wis. Stats., are exempt from the provisions of ss. 289.05(1), (2), (3) and (4), 289.42(1), 289.67, 291.25(1) to (5), 291.29, 291.37, 292.11(3), (4), and (7)(b) and (c) and 292.31(8), Wis. Stats., with respect to the existence of hazardous substances on or originating from the Property, the release of which occurred prior to the date the WDNR approved the environmental investigation required under s. 292.15(2)(ae)1., Wis. Stats. However, **Brunswick Corporation, a Delaware Corporation, Mercury Marine Division**, and a person otherwise qualified for protection under s. 292.15(3), Wis. Stats., who owns or controls the Property would no longer qualify for this liability exemption if that person fails to maintain or monitor the Property as required by this Certificate of Completion, the August 15, 2005 partial Certificate of Completion, the March 24, 2009 closure letter, the July 18, 2005 closure letter, s. 292.12, Wis. State., and rules promulgated by the WDNR. Any releases of a hazardous substance to or from the Property that occur after the date that the environmental investigation was approved will be the responsibility of the current Property owner and any other person who possesses or controls that discharge and any person who caused the discharge.

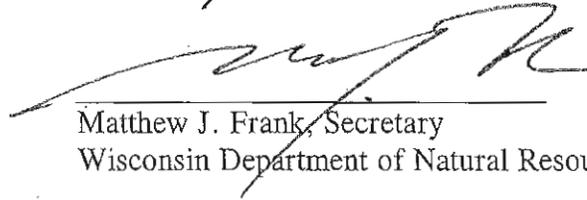
If natural attenuation fails, the insurance coverage which **Brunswick Corporation, a Delaware Corporation, Mercury Marine Division**, obtained under s. 292.15(2)(ae)3m., Wis. Stats., may be used to cover the costs of complying with s. 292.11(2), Wis. Stats., with respect to benzene, ethylbenzene, naphthalene, toluene, trimethylbenzene, trichloroethene, 1,1 dichloroethene, cis-1,2 dichloroethene and vinyl chloride contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards.

The protection from liability provided under s. 292.15(2), Wis. Stats., does not apply to any person who has obtained a Certificate of Completion by fraud or misrepresentation, or by the knowing failure to disclose material information or under circumstances in which **Brunswick Corporation, a Delaware Corporation, Mercury Marine Division**, knew or

should have known about more discharges of hazardous substances than was revealed by the investigation approved by the WDNR.

Nothing in this Certificate or in s. 292.15, Wis. Stats., affects the authority of the WDNR to exercise any powers or duties under applicable laws other than ss. 289.05(1), (2), (3) and (4), 289.42(1), 289.67, 291.25(1) to (5), 291.29, 291.37, 292.11(3), (4), and (7)(b) and (c) and 292.31(8), Wis. Stats., with respect to any release or threatened release of contaminants at the Property, or the right of the WDNR to seek relief available against any person who is not entitled to protection from liability under s. 292.15, Wis. Stats., with respect to such release or threatened release.

SIGNED AND CERTIFIED this 27 day of August, 2009.



Matthew J. Frank, Secretary  
Wisconsin Department of Natural Resources

ATTACHMENT A  
LEGAL PROPERTY DESCRIPTION  
Mercury Marine Plant 6 (former)

The South 190 feet of the Southwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 11, T18N R16E lying North of West Murdock Avenue, East of vacated Cedar Street and West of Beech Street. Also Lots 3,4,5,6,7,8,9,12,13 and 14 of Block 6 and Lots 3,4,7 and 8 of Block 7 of Eichstadt Subdivision. Also, the South 285 feet of vacated Cedar Street lying North of West Murdock Avenue. EXCEPTING there from the North 55 feet of Lots 3 and 12 of Block 6 and the North 55 feet of Lots 3 and 7 of Block 7 of Eichstadt Subdivision. All lying in the City of Oshkosh, Winnebago County, Wisconsin.

ATTACHMENT B  
INVESTIGATION AND REMEDIAL ACTION PLAN REPORTS  
Mercury Marine Plant 6 (former)

1. "Work Plan for a Subsurface Site Assessment at Mercury Marine Plant 6" SIGMA Environmental Services Inc., April 1998
2. "Site UST Closure Assessment" SIGMA Environmental Services Inc., May 4, 1999
3. "Mercury Marine Plant 6-Soil Biofeasibility Results" Facsimile Transmittal, SIGMA Environmental Services Inc., November 23, 2003
4. "Subsurface/Hydrogeologic Investigation Report" SIGMA Environmental Services Inc, February 2000
5. "Pre-Assessment Soil Quality Results" SIGMA Environmental Services Inc., February 22, 2000
6. "Subsurface Investigation Report and Request for Case Closure" SIGMA Environmental Services, Inc., September 2003
7. "Progress Report #1" REI, February 5, 2003 (Petroleum Release)
8. "Request for Closure, Chlorinated Impacts" SIGMA Environmental Services, Inc., March 15, 2005
9. "Phase 1 Environmental Site Assessment" SIGMA Environmental Services Inc., March 2005
10. "Groundwater Monitoring Summary Report" SIGMA Environmental Services Inc., May 2, 2006
11. "Groundwater Monitoring Summary Report" SIGMA Environmental Services Inc., December 19, 2006

12. "Remediation Summary Report" SIGMA Environmental Services Inc., December 22, 2006
13. Remediation Activities Summary Report Update and Case File Closure Request" SIGMA Environmental Services Inc., July 3, 2007
14. " Remediation Activities Update and Case File Closure Request" SIGMA Environmental Services Inc., June 10, 2008
15. "Groundwater Sampling Results" SIGMA Environmental Services Inc., December 9, 2008
16. "Monitoring Well Abandonment Documentation and GIS Submittal" SIGMA Environmental Services Inc., March 19, 2009

ATTACHMENT C  
Partial Certificate of Completion  
Mercury Marine Plant 6 (former)

See attached copy of the August 15, 2005 Partial Certificate of Completion

**State of Wisconsin**  
**Department of Natural Resources**

**PARTIAL CERTIFICATE OF COMPLETION  
OF RESPONSE ACTIONS  
UNDER SECTIONS 292.15(2)(ae) and (am), WIS. STATS.**

**Whereas**, Brunswick Corporation, a Delaware Corporation, Mercury Marine Division, has applied for an exemption from liability under s. 292.15, Wis. Stats., for the property located at 1018 West Murdock Avenue, Oshkosh Wisconsin, further specifically described in the legal description found on Attachment A ("the Property");

**Whereas**, Brunswick Corporation, a Delaware Corporation, Mercury Marine Division, submitted to the WDNR a request for a Partial Certificate of Completion under ss. 292.15(ae) and (am), Wis. Stats., which allows the WDNR to grant such an exemption even though not all of the Property has been satisfactorily restored or that not all of the harmful effects from a discharge has been minimized, if certain requirements are met;

**Whereas**, an environmental investigation of the Property has been conducted and the WDNR has determined that a hazardous substance release exists at the Property;

**Whereas**, Brunswick Corporation, a Delaware Corporation, Mercury Marine Division has submitted to the Wisconsin Department of Natural Resources ("WDNR") environmental investigation reports for the Property which comply with the requirements set forth in chs. NR 700-754, Wis. Adm. Code, consisting of the documents and reports listed in Attachment B;

**Whereas**, in accordance with ss. 292.15(2)(ae) and (am), Wis. Stats., the WDNR has determined that an environmental investigation has been conducted which adequately identified and evaluated the nature and extent of the hazardous substance discharges and releases on the Property, and any that may have migrated off the Property;

**Whereas**, Brunswick Corporation, a Delaware Corporation, Mercury Marine Division has paid to WDNR the appropriate insurance fee and has submitted a complete insurance application form to obtain coverage under the state's master insurance contract in accordance with s. 292.15(2)(ae)3m., Wis. Stats., and ch. NR 754, Wis. Adm. Code;

**Whereas**, there are ch. NR 140, Wis. Adm. Code., enforcement standard exceedances on the Property that will be included on the WDNR's geographic information system registry of closed remediation sites and the voluntary party has submitted all the information to the WDNR necessary to be included on this registry pursuant to s. NR 726.05(3)(a)4., Wis. Adm. Code;

**Whereas**, on May 17, 2005, WDNR determined that response actions necessary to restore the environment to the extent practicable with respect to the discharges and minimize the harmful effects from the discharges to the air, land, and waters of the state were completed for the soil and groundwater at the portion of the Property that is contaminated with chlorinated solvents consisting of the following compounds: **Trichloroethene, 1,1 Dichloroethene, cis-1,2 Dichloroethene and Vinyl Chloride**, which are specifically documented in the "Request for Closure, Chlorinated Impacts" report dated March 15, 2005, and identified as case number 02-71-243330;

**Whereas**, the WDNR has determined that groundwater contaminated with **Trichloroethene, 1,1 Dichloroethene, cis-1,2 Dichloroethene and Vinyl Chloride** contaminated groundwater above ch. NR 140, Wis. Adm. Code, enforcement standards will be brought into compliance through natural attenuation, in accordance with rules promulgated by WDNR;

**Whereas**, WDNR has determined that public health, safety, or the environment will not be endangered by the hazardous substances remaining on or originating from the Property after completion of the response actions taken, as described in the previous paragraph, given the manner in which the Property will be developed and used and any other relevant factors;

**Whereas**, WDNR has determined that the activities associated with any proposed use or development of the Property will not aggravate or contribute to the discharge of a hazardous substance and will not unduly interfere with, or increase the costs of, restoring the Property and minimizing the harmful effects of the discharge of a hazardous substance; and

**Whereas**, Brunswick Corporation, a Delaware Corporation, Mercury Marine Division agrees to cooperate with WDNR to address any problems caused by the hazardous substances remaining on the Property and such cooperation shall include allowing access to the Property or allowing WDNR or its authorized representatives to undertake activities on the Property, including placement of borings, equipment and structures on the Property.

**Therefore**, based upon the information that has been submitted to the WDNR, the WDNR hereby certifies that the response actions have been completed for the soil and groundwater at the portion of the Property that is contaminated with chlorinated solvents consisting of the following compounds: **Trichloroethene, 1,1 Dichloroethene, cis-1,2 Dichloroethene and Vinyl Chloride**, which are specifically documented in the "Request for Closure, Chlorinated Impacts" report dated March 15, 2005, and identified as case number 02-71-243330.

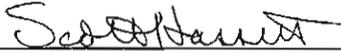
Upon issuance of this Partial Certificate of Completion, **Brunswick Corporation, a Delaware Corporation, Mercury Marine Division** and the persons qualified for protection under s. 292.15(3), Wis. Stats., are exempt from the provisions ss. 291.37(2), and 292.11(3), (4), and (7)(b) and (c), Wis. Stats., with respect to soil and groundwater at the portion of the Property that is contaminated with chlorinated solvents consisting of the following compounds: **Trichloroethene, 1,1 Dichloroethene, cis-1,2 Dichloroethene and Vinyl Chloride**, which are specifically documented in the "Request for Closure, Chlorinated Impacts" report, dated March 15, 2005, and identified as case number 02-71-243330 and shall not apply to any other hazardous substances other than the four listed chlorinated solvents.

Remaining hazardous substances releases on or originating from the Property and any releases or discharges of a hazardous substance to or from the Property that occur after the date that the environmental investigation was approved will be the responsibility of the current Property owner, any other person who possesses or controls that discharge and any person who caused the discharge.

**Brunswick Corporation, a Delaware Corporation, Mercury Marine Division** or a person otherwise qualified for protection under s. 292.15(3), Wis. Stats., who owns or controls the Property would no longer qualify for this liability exemption if that person fails to maintain and monitor the Property as required by rules promulgated by the WDNR. The protection from liability provided under s. 292.15(2), Wis. Stats., does not apply to any person who has obtained a Certificate of Completion by fraud or misrepresentation, or by the knowing failure to disclose material information or under circumstances in which **Brunswick Corporation, a Delaware Corporation, Mercury Marine Division** knew or should have known about more discharges of hazardous substance releases than was revealed by the environmental investigation approved by the WDNR.

Nothing in this Partial Certificate of Completion or in s. 292.15, Wis. Stats., affects the authority of the WDNR to exercise any powers or duties under applicable laws other than ss. 291.37(2) and 292.11(3), (4), and (7)(b) and (c), Wis. Stats., with respect to soil and groundwater at the Property that is contaminated with chlorinated solvents consisting of the following compounds: **Trichloroethene, 1,1 Dichloroethene, cis-1,2 Dichloroethene and Vinyl Chloride**, which are specifically documented in the "Request for Closure, Chlorinated Impacts" report dated March 15, 2005, and identified as case number 02-71-243330. Nor does the Partial Certificate of Completion affect the right of the WDNR to seek relief available against any person who is not entitled to protection from liability under s. 292.15, Wis. Stats., with respect to such release or threatened release.

SIGNED AND CERTIFIED this 15<sup>th</sup> day of August, 2005.

  
\_\_\_\_\_  
Scott Hassett, Secretary  
Wisconsin Department of Natural Resources

ATTACHMENT A  
LEGAL PROPERTY DESCRIPTION  
Mercury Marine Plant 6

The South 190 feet of the Southwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 11, T18N R16E lying North of West Murdock Avenue, East of vacated Cedar Street and West of Beech Street. Also Lots 3,4,5,6,7,8,9,12,13 and 14 of Block 6 and Lots 3,4,7 and 8 of Block 7 of Eichstadt Subdivision. Also, the South 285 feet of vacated Cedar Street lying North of West Murdock Avenue. EXCEPTING therefrom the North 55 feet of Lots 3 and 12 of Block 6 and the North 55 feet of Lots 3 and 7 of Block 7 of Eichstadt Subdivision. All lying in the City of Oshkosh, Winnebago County, Wisconsin.

ATTACHMENT B  
INVESTIGATION AND REMEDIAL ACTION PLAN REPORTS  
Mercury Marine Plant 6

1. "Work Plan for a Subsurface Site Assessment at Mercury Marine Plant 6", SIGMA Environmental Services Inc., April 1998.
2. "Site UST Closure Assessment" SIGMA Environmental Services Inc., May 4, 1999.
3. "Mercury Marine Plant 6-Soil Biofeasibility Results" Facsimile Transmittal, SIGMA Environmental Services Inc., November 23, 2003.
4. "Subsurface/Hydrogeologic Investigation Report" SIGMA Environmental Services Inc, February 2000.
5. "Pre-assessment Soil Quality Results", SIGMA Environmental Services Inc., February 22, 2000.
6. "Subsurface Investigation Report and Request for Case Closure", SIGMA Environmental Services, Inc., September 2003.
7. "Progress Report #1" REI, February 5, 2003 (Petroleum Release)
8. "Request for Closure, Chlorinated Impacts", SIGMA Environmental Services, Inc., March 15, 2005.
9. "Phase 1 Environmental Site Assessment" SIGMA Environmental Services Inc., March 2005.

ATTACHMENT A  
LEGAL PROPERTY DESCRIPTION  
Mercury Marine Plant 6

The South 190 feet of the Southwest  $\frac{1}{4}$  of the Southeast  $\frac{1}{4}$  of Section 11, T18N R16E lying North of West Murdock Avenue, East of vacated Cedar Street and West of Beech Street. Also Lots 3,4,5,6,7,8,9,12,13 and 14 of Block 6 and Lots 3,4,7 and 8 of Block 7 of Eichstadt Subdivision. Also, the South 285 feet of vacated Cedar Street lying North of West Murdock Avenue. EXCEPTING therefrom the North 55 feet of Lots 3 and 12 of Block 6 and the North 55 feet of Lots 3 and 7 of Block 7 of Eichstadt Subdivision. All lying in the City of Oshkosh, Winnebago County, Wisconsin.

RE: Mercury Marine  
1018 W. Murdock Avenue  
Oshkosh, WI 54901

LEGAL DESCRIPTION

Lots Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), Twelve (12), Thirteen (13) and Fourteen (14) of Block Six (6) AND Lots Three (3), Four (4), Seven (7) and Eight (8) of Block Seven (7) in EICHSTADT SUBDIVISION, in the Twelfth Ward, City of Oshkosh, Winnebago County, Wisconsin.

A parcel of land lying in the South West  $\frac{1}{4}$  of the SOUTH EAST  $\frac{1}{4}$  of Section Eleven (11), Township Eighteen (18) North of Range Sixteen (16) East, in the Twelfth Ward, City of Oshkosh, Winnebago County, Wisconsin, being described as the South One Hundred Ninety (190) feet lying North of Murdock Avenue, East of vacated Cedar Street and West of Beech Street.

AND, the South Two Hundred Eighty-five (285) feet of vacated Cedar Street lying North of Murdock Avenue, being located in the South East  $\frac{1}{4}$  of Section Eleven (11), Township Eighteen (18) North of Range Sixteen (16) East, in the Twelfth Ward, City of Oshkosh, Winnebago County, Wisconsin.

EXCEPTING THEREFROM THE FOLLOWING TWO (2) DESCRIBED PARCELS:

1) The North Fifty-five (55) feet of Lots Three (3) and Twelve (12) of Block Six (6) and that portion of the West  $\frac{1}{2}$  of vacated Cedar Street lying East of and within the extended Northerly and Southerly boundary lines of said North Fifty-five (55) feet of Lot Twelve (12) of Block Six (6), all being located in EICHSTADT SUBDIVISION, in the Twelfth Ward, City of Oshkosh, Winnebago County, Wisconsin.

2) The North Fifty-five (55) feet of Lots Three (3) and Seven (7) of Block Seven (7) and that portion of the East  $\frac{1}{2}$  of vacated Cedar Street lying West of and within the extended Northerly and Southerly boundary lines of said North Fifty-five (55) feet of Lot Three (3) of Block Seven (7), all being located in EICHSTADT SUBDIVISION, in the Twelfth Ward, City of Oshkosh, Winnebago County, Wisconsin.

TAX KEY NO. 912-1877

WARRANTY DEED

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

Lot 10 of Block "D" in the Plat of the WESTERN ADDITION to Oshkosh, in the 1st Ward, City of Oshkosh, excepting therefrom that portion conveyed to the Oshkosh City Railroad Company, as described in Volume 86 on page 193, Winnebago County Registry.

Lot 11, of Block "D" in Plat of the WESTERN ADDITION to Oshkosh, in the First Ward, City of Oshkosh, excepting therefrom that portion heretofore conveyed to the Oshkosh City Railroad Company by Deed recorded in Volume 86 on page 193, Winnebago County Registry.

Lot 12 of Block "D" in PLAT OF THE WESTERN ADDITION to Oshkosh, in the First Ward, City of Oshkosh.

Lots eight (8) and nine (9) of Block "D" in PLAT OF WESTERN ADDITION to City of Oshkosh, in the First Ward, City of Oshkosh.

Lots 3, 4, 5, 6, 7, 8, 9, 12, 13 and 14, of Block 6, and Lots 3 and 7 of Block 7, all in PLAT OF EICHSTADT SUBDIVISION, in the Town of Oshkosh.

A piece of land lying in the Southeast One-Quarter (SE 1/4) of Section Eleven (11), Town Eighteen North (T18N), Range Sixteen East (R.16E.), Town of Oshkosh, Winnebago County, State of Wisconsin, described as follows: Starting at an iron pin in the center of the concrete highway on Murdock Street at the intersection with Elmwood Avenue, Spruce Street, and Vinland Street Road; thence Easterly on center line of Murdock Street, six-hundred-seventeen and fifty-two hundredths feet (617.52') to a point five tenths feet (.5') east of the East line of Cedar Street extended;

thence North at right angles thirty feet (30') to the North line of Murdock Street which is the point of beginning; thence two hundred thirty-seven and sixty-two hundredths feet (237.62') along the North line of Murdock Street to a point five feet (5') west of the West line of Beech Street extended; thence North at right angles one hundred ninety feet (190'); thence West at right angles two hundred thirty-seven and sixty-two hundredths feet (237.62'); thence South at right angles one-hundred ninety feet (190') to the point of beginning; being of an area of one and three hundredths acres (1.03 acres) more or less, and:

Lots four (4) and eight (8), Block seven (7), Eichstadt Sub-division.

This conveyance is made subject to:

1. A quitclaim conveyance of a twelve (12) foot wide strip to the Oshkosh City Railroad Company recorded in Volume 86, page 193, Winnebago County Registry.
2. Protective restrictions dated September 29, 1947 as amended by document dated February 27, 1952, which include a reservation of easement over portions of the lots for utilities. See Plat of Subdivision and documents No. 151110 and No. 191589 recorded in Winnebago County.
3. Setback line established in deed from Harold J. Eichstadt and Marcella M. Eichstadt, his wife, to Kiekhaefer Corporation dated April 28, 1956 and recorded November 2, 1956 as Document No. 239647.
4. Restrictions contained in deed recorded June 19, 1947 in Volume 559, page 313 of Deeds, document No. 146586 in Winnebago County and purported amendments thereto contained in deed dated June 18, 1952 and recorded as document No. 153539 in said County.
5. Suit commenced in the Circuit Court of Winnebago County, State of Wisconsin by Harold J. Eichstadt and Marcella M. Eichstadt, his wife, vs. Kiekhaefer Corporation, et al., Case No. 28309 involving the enforcement of the above-mentioned protective restrictions relating to the Plat of Eichstadt's Subdivision.
6. Indenture of Mortgage dated December 1, 1956, made by Kiekhaefer Corporation to Marshall & Ilsley Bank, as trustee, recorded January 17, 1957, as Document No. 241516.
7. Property taxes, general and special, for 1961 and subsequent years.
8. All applicable zoning and building laws and ordinances and all other governmental restrictions and regulations as may be imposed by or under any laws or ordinances or any governmental body or officer.

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

KIEKHAEFER CORPORATION,  
a Wisconsin corporation

By: [Signature]  
President  
E. C. Kiekhaefer

Countersigned

By: [Signature]  
Secretary  
Robert C. Anderegg

Signed and sealed in  
the presence of:

[Signature]  
John A. Cavanaugh  
[Signature]  
Emory S. Naylon, Jr.

This instrument was drafted by Thomas F. Finch.

STATE OF Illinois }  
COUNTY OF Cook } SS.

On this the 29th day of September, 1961, before me, Gertrude Ludwig, the undersigned officer, personally appeared E. C. Kiekhaefer and Robert C. Anderegg who acknowledged themselves to be, respectively, the President and Secretary of KIEKHAEFER CORPORATION, a Wisconsin corporation, and that they as such President and Secretary, respectively, being authorized to do so, executed the foregoing instrument for the purposes therein contained by signing the name of the corporation by themselves as President and Secretary, respectively.

Gertrude Ludwig  
Notary Public  
Gertrude Ludwig  
My commission expires: May 24, 1964

292223

VALERIE J. DEED  
Kiekhaefer Corp  
Kiekhaefer Corp

Recorder's Office  
Winnebago County, Wis.  
Received by record this 29  
day of Sept A.D. 19 61  
at 5:23 o'clock P.M. and  
recorded in Vol 1961 of RECORDS  
on page 54  
Berman & St. John  
Register of Deeds

BRUNSWICK CORPORATION  
623 SOUTH WABASH AVENUE  
CHICAGO 5, ILLINOIS

pd  
300

QUIT CLAIM DEED

THIS INDENTURE, made by KIEKHAEFER CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located in the County of Fond du Lac, State of Wisconsin, Grantor, hereby Quit Claims to KIEKHAEFER CORPORATION, a corporation duly organized and existing under and by virtue of the laws of the State of Delaware, and duly qualified to do business in the State of Wisconsin, located in the County of Fond du Lac, State of Wisconsin, Grantee, for the sum of \$10.00 and other good and valuable consideration, the following tract of land in Winnebago County, Wisconsin:

A parcel of land in Winnebago County, Wisconsin, described as follows: That land comprising the vacated portion of Cedar Street extending 265 feet North from the North line of Murdock Street as shown in the Plat of Eichstadt Subdivision in the Town of Oshkosh.

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

KIEKHAEFER CORPORATION,  
a Wisconsin corporation

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

Countersigned

By Robert C. Anderegg  
Secretary  
Robert C. Anderegg

(CORPORATE SEAL)

Signed and sealed in  
the presence of:

John W. Kavanaugh  
John W. Kavanaugh  
Thomas F. Finck  
Thomas F. Finck

VOL. 090 PAGE 56  
This instrument was drafted by Thomas F. Finch.

STATE OF Illinois  
COUNTY OF Cook } SS.

On this 29th day of September, 1961, before me,  
Gertrude Ludwig, the undersigned officer, personally ap-  
peared E. C. Kiekhaefer and Robert C. Anderegg who acknowledged  
themselves to be, respectively, the President and Secretary of  
Kiekhaefer Corporation, a Wisconsin corporation, and that they as  
such President and Secretary, respectively, being authorized to do  
so, executed the foregoing instrument for the purpose therein con-  
tained by signing the name of the corporation by themselves as  
President and Secretary, respectively.



My Commission Expires:

Gertrude Ludwig  
Gertrude Ludwig, Notary Public

May 24, 1964

292224

NOTARY PUBLIC

Notary Seal Copy

Notary Seal Copy

Recorder's Office  
Cook County, Ill.  
Filed for record this  
29th day of September, A.D. 1961  
at Chicago, Ill.  
Recorded in Vol. 990, RECORDS  
Page 56  
Robert C. Anderegg  
President of Deeds

BRUNSWICK CORPORATION  
623 SOUTH WABASH AVENUE  
CHICAGO 5, ILLINOIS

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

This Indenture, Made by DR. CLARENCE S. GONSTEAD and ALYRA GONSTEAD,  
 husband and wife,  
 grantors of Dane County, Wisconsin, hereby conveys and warrants  
 to KIEKHAEFER CORPORATION, a Wisconsin Corporation,  
 grantees of Ozaukee County, Wisconsin,  
 for the sum of One Dollar and other valuable consideration  
 the following tract of land in Winnebago County, State of Wisconsin:

A piece of land lying in the Southeast One-Quarter (SE $\frac{1}{4}$ ) of Section Eleven (11),  
 Town Eighteen North (T. 18N.), Range Sixteen East (R. 16 E.), Town of Oshkosh,  
 Winnebago County, State of Wisconsin, described as follows:

Starting at an iron pin in the center of the concrete highway on Murdock Street  
 at the intersection with Elmwood Avenue, Spruce Street, and Vinland Street Road;  
 thence Easterly on center line of Murdock Street, six-hundred seventeen and fifty-  
 two hundredths feet (617.52') to a point five tenths feet (.5') east of the East line  
 of Cedar Street extended; thence North at right angles thirty feet (30') to the North  
 line of Murdock Street which is the point of beginning; thence two hundred thirty-  
 seven and sixty-two hundredths feet (237.62') along the North line of Murdock  
 Street to a point five feet (5') west of the West line of Beach Street extended; thence  
 North at right angles one hundred ninety feet (190'); thence West at right angles two  
 hundred thirty-seven and sixty-two hundredths feet (237.62'); thence South at right  
 angles one-hundred ninety feet (190') to the point of beginning; being of an area of  
 one and three hundredths acres (1.03 acres) more or less.

and  
 Lots four (4) and eight (8), Block seven (7), Eichstadt Subdivision.

Together with all rights appurtenant thereto and the Easterly one-half of vacated  
 Cedar Street abutting the above-described lands.

The conveyance of the above described lands is subject to all legal covenants,  
 restrictions and easements of record and is made pursuant to a certain Lease and  
 Agreement between the parties hereto recorded in the Register of Deeds office  
 for said County July 17, 1952, in Vol. 679 of Deeds, page 635.

The lands above described have been purportedly annexed to the City of  
 Oshkosh, Wisconsin; such annexation being now the subject of litigation.

(This instrument was drafted  
 by Darel E. Simon)

IN WITNESS WHEREOF, the said grantors do hereunto set their hand and seal, this 22nd  
 day of April, A. D., 1958.

SIGNED AND SEALED IN PRESENCE OF

Warren E. Kuehling

Warren E. Kuehling

Hazel Borstad

Hazel Borstad

Dr. Clarence S. Gonstead

Dr. Clarence S. Gonstead

Alyra Gonstead (SEAL)

Alyra Gonstead

(SEAL)

(SEAL)

(SEAL)

STATE OF WISCONSIN,

Dane County, } ss.

Personally came before me, this 22nd day of April, A. D., 1958  
 the above named Dr. Clarence S. Gonstead and Alyra Gonstead, husband and wife,

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

Received for Record this \_\_\_\_\_ day of \_\_\_\_\_  
 A. D., 19\_\_\_\_ at \_\_\_\_\_ o'clock \_\_\_\_\_

Warren E. Kuehling

Warren E. Kuehling

Notary Public, Dane County, Wis.

My commission expires Aug-3 A. D., 1958

Register of Deeds, Dane County, Wis.

Deputy Register of Deeds, Dane County, Wis.

NO. **254219**

**Dr. Clarence Gonstead**

TO

**Kiekhaefer Corp.**

**WARRANTY DEED**

REGISTER'S OFFICE  
STATE OF WISCONSIN

**WINNEBAGO** County

Received for Record this 30<sup>th</sup> day of

April A. D. 1958

at 3:02 o'clock P. M. and recorded

in Vol 264 of Deeds on Page 315

Dennis R. Fuller  
Register of Deeds

Deputy

RETURN TO

**HARRY H. SCHWITT** REGISTER

*ch*  
*12*



101 864 PAID 386

Section 237.16 Wisconsin Statutes

This Indenture, Made by Harold J. Eichstadt and Marcella M.

Eichstadt, his wife,

grantor, of Winnebago County, Wisconsin, hereby conveys and warrants to Kiekhaefer Corporation, a Wisconsin corporation, with principal place of business at Cedarburg, Wisconsin,

grantee, of Ozaukee County, Wisconsin, for the sum of One Dollar (\$1.00) and other valuable consideration - - - - Dollars,

the following tract of land in Winnebago County, State of Wisconsin:



Lots Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9), Twelve (12), Thirteen (13), Fourteen (14) of Block Six (6) and Lots Three (3) and Seven (7) of Block Seven (7), PLAT OF EICHSTADT SUBDIVISION, Town of Oshkosh, together with that land comprising the vacated portion of Cedar Street extending 265 Feet North from the North line of Murdock Street, Town of Oshkosh.

Subject, however, to the condition that in the event said Lots 5 and 6 of Block 6 aforesaid are used by Grantee, its successors or assigns for factory, manufacturing or laboratory purposes, said Grantee, its successors or assigns shall not build within 15 feet of the West line of said Lots 5 and 6 of Block 6, such setback building line of 15 feet being hereby established.

This deed given subject to protective covenants recorded November 29, 1947, in Volume 586, at page 599, et seq. and following, Document No. 161110, and amendments to protective covenants recorded in Volume 679, page 269, Document No. 191599, Winnebago County Registry.



In Witness Whereof, the said grantor, he, she, hereunto set their hands and seal, this 28th

day of April, A. D., 1955

SIGNED AND SEALED IN PRESENCE OF

Harry E. Meyer, Jr.  
Harry E. Meyer, Jr.

Annes Bartel  
Annes Bartel

Harold J. Eichstadt (SEAL)  
Harold J. Eichstadt

Marcella M. Eichstadt (SEAL)  
Marcella M. Eichstadt

\_\_\_\_\_ (SEAL)

\_\_\_\_\_ (SEAL)

State of Wisconsin, }  
Winnebago County, } ss.

Personally came before me, this 28th day of April, A. D., 1955

above named Harold J. Eichstadt and Marcella M. Eichstadt, his wife,

known to be the person who executed the foregoing instrument and acknowledged the same.



Harry E. Meyer, Jr.  
Harry E. Meyer, Jr.  
Notary Public, Winnebago County, Wis.  
My commission expires February 16, A. D., 1958

(Section 237.11 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.)

239647

No.

Harold J. Eichstadt and

Marcella M. Eichstadt, his wife,

to

Kiehasser Corporation, a

Wisconsin corporation,

Premises: See description on  
reverse side.

**Warranty Deed**

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

**REGISTER'S OFFICE**

State of Wisconsin

**WINNEBAGO**

County

Received for Record this 2nd day of

November, A.D. 1956

at 8:06 o'clock A.M. and recorded

in Vol. 831 of Deeds on page 583

Bernice L. Fuller

Register of Deeds

Deputy

**EDGARTON LAW OFFICES**

BOB ENDRS BUILDING

FOND DU LAC, WISCONSIN

Paid \$1.50

248H 687

VOL 831 PAGE 586



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**FILE**

Register's Office  
Winnebago County, Wis.  
Received for record this *10<sup>th</sup>*  
day of *Sept* A.D., 19*86*  
at *8:40* o'clock *A.M.* and  
recorded in Vol. *154* Col. *208*  
on page *10*  
*Myra J. Dahm*  
Register of Deeds

*Orlando C. Clew* *Ug*  
*10*

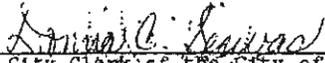
STATE OF WISCONSIN )

COUNTY OF WINNEBAGO ) SS

CITY OF OSHKOSH )

I, Donna C. Serwas, Clerk for the City of Oshkosh, Winnebago County, Wisconsin, do hereby certify that the annexed resolution is a true and correct copy of the original on file in my office, adopted by the Common Council of the City of Oshkosh, Wisconsin, at a regular meeting held on September 4, 19 86.

Witness my hand and the Corporation seal of the City of Oshkosh, Wisconsin, this 9th day of September, 19 86.

  
City Clerk of the City of Oshkosh  
Winnebago County, Wisconsin

SEPTEMBER 4, 1986

# 260

RESOLUTION

(CARRIED \_\_\_\_\_ LOST \_\_\_\_\_ LAID OVER \_\_\_\_\_ WITHDRAWN \_\_\_\_\_)

PURPOSE: FINAL RESOLUTION VACATING PORTION OF  
COLUMBIA AVENUE & CEDAR STREET

INITIATED BY: HAROLD EICHSTADT & MERCURY MARINE

PLAN COMMISSION RECOMMENDATION: Approved 8-0

WHEREAS, pursuant to Section 66.296(2) of Wisconsin Statutes, the Common Council has heretofore initiated proceedings on July 17, 1986 at a regular meeting of the Common Council to vacate and discontinue the following described portion of Columbia Avenue and Cedar Street:

COLUMBIA AVENUE

That portion of Columbia Avenue lying east of the easterly right-of-way line of Walnut Street and west of the westerly right-of-way line of Beech Street, 12th Ward, City of Oshkosh, Winnebago County, Wisconsin.

CEDAR STREET

That portion of Cedar Street extending 225 feet from the south right-of-way line of Columbia Avenue, 12th Ward, City of Oshkosh, Winnebago County, Wisconsin.

WHEREAS, a public hearing on the passage of such resolution has been set by the Common Council, which hearing was set for 7:00 PM in the Council Chambers of the City Hall, Oshkosh, Wisconsin, on the 4th day of September, 1986, and written notice of such meeting was duly served on the owners of all of the frontage of the lots and lands abutting upon that portion thereof sought to be discontinued as provided by law; and

WHEREAS, a public hearing was duly held pursuant to said notice at the time and place therefore affixed and all persons so served and interested were then and there given an opportunity to be heard; and

WHEREAS, a proper notice of the pendency of said petition for vacation and discontinuance and map covering the proposed vacation was duly filed in the Office of the Register of Deeds for Winnebago County, as required by the Wisconsin Statutes; and

WHEREAS, the lots and lands abutting on said street affected by this resolution are all in the 12th Ward, City of Oshkosh, the description of said street heretofore set out in this Resolution.

NOW, THEREFORE, BE IT RESOLVED by the Common Council of the City of Oshkosh that it is hereby declared that since public interest requires it, the following described street in the 12th Ward, City of Oshkosh, Winnebago County, Wisconsin, is hereby vacated and discontinued, reserving unto the City of Oshkosh the right to maintain, service, repair, add or replace all sanitary sewer, storm sewer, water and gas mains and fittings in said vacated street:

COLUMBIA AVENUE

That portion of Columbia Avenue lying east of the easterly right-of-way line of Walnut Street and west of the westerly right-of-way line of Beech Street, 12th Ward, City of Oshkosh, Winnebago County, Wisconsin.

CEDAR STREET

That portion of Cedar Street extending 225 feet from the south right-of-way line of Columbia Avenue, 12th Ward, City of Oshkosh, Winnebago County, Wisconsin.

BE IT FURTHER RESOLVED that the City Clerk record a certified copy of this Resolution accompanied with a map showing the location of said vacated street in the Office of the Register of Deeds for Winnebago County.

RESOLUTION # 284

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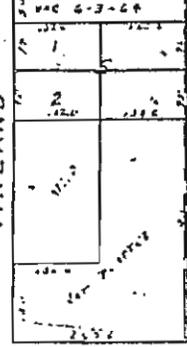
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COLUMBIA AVENUE

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OLIVE ST.

MITCHELL ST.

VINLAND ST.

WALNUT ST.

12TH WARD

CITY OF CHENOSH

APPROVED

DRAWN BY  
TRACED

# MERCURY

PLANT 6 - 1010 W. MURDOCK AVE. - OSHKOSH, WI.  
144,111 sq.ft. - 3.30 acres

## PROPERTY SURVEY FOR: MERCURY MARINE

### SURVEYOR'S CERTIFICATE

I, David M. Jacob, Registered Land Surveyor, hereby certify that on this date I have completed a survey for Mercury Marine of a parcel of land described below.

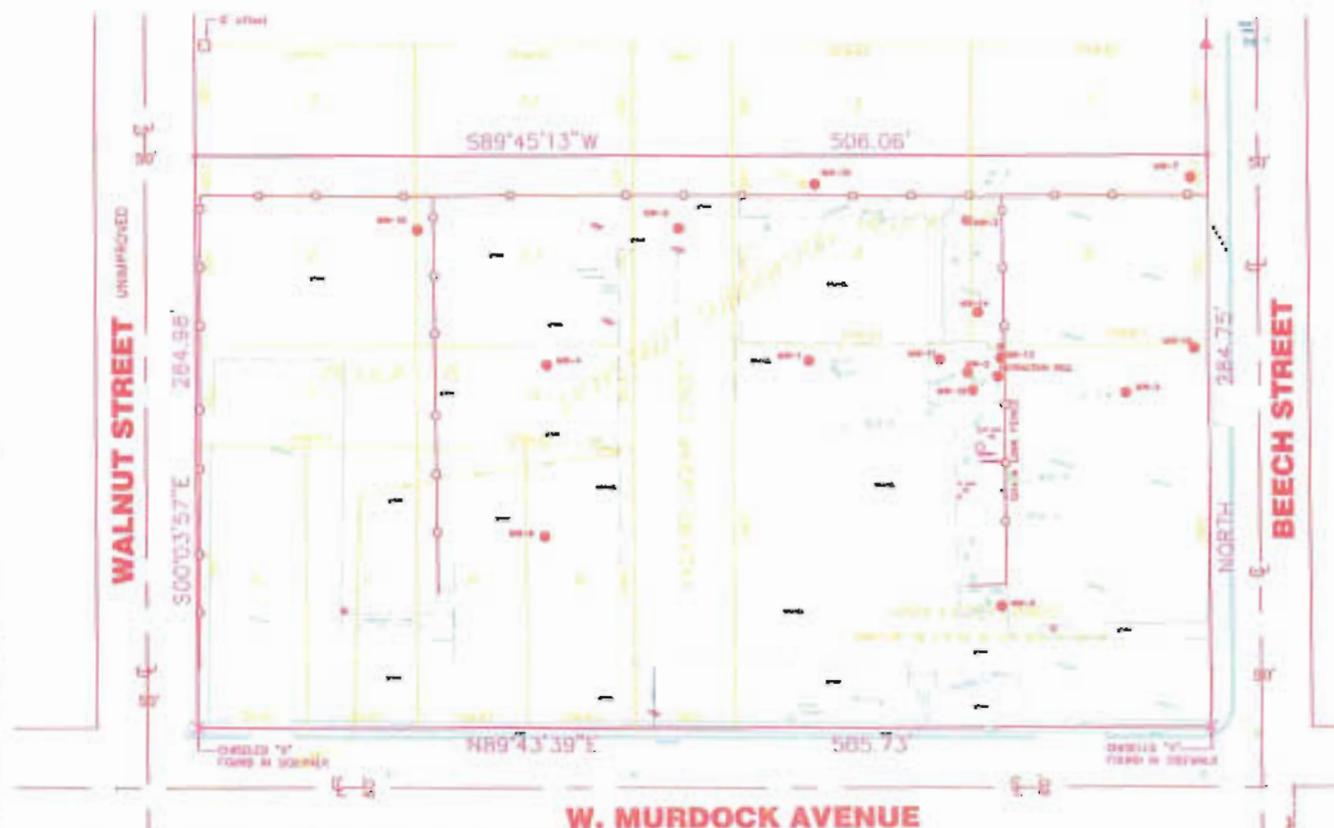
That I have marked the corners or boundaries of said parcel on the ground by setting iron stakes as shown on the map and that the following is the correct description as surveyed and staked out.

The South 190 feet of the Southwest 1/4 of the Southeast 1/4 of Section 11, T. 18 N., R. 16 E. lying North of West Murdock Avenue, East of vacated Cedar Street and West of Beech Street. Also Lots 3, 4, 5, 6, 7, 8, 9, 12, 13, and 14 of Block 6 and Lots 3, 4, 7 and 8 of Block 7 of Elchstadt Subdivision. Also, the South 200 feet of vacated Cedar Street lying North of West Murdock Avenue, EXCEPTING therefrom the North 50 feet of Lots 3 and 12 of Block 6 and the North 50 feet of Lots 3 and 7 of Elchstadt Subdivision. All lying in the City of Oshkosh, Winnebago County, Wisconsin.

That such survey is a correct representation of all the exterior boundaries of land surveyed and principal buildings thereon. This survey is made for the exclusive use of the owners and those who purchase, mortgage, or guarantee title thereto, within one year from the date hereon.

David M. Jacob, RLS  
Excel Engineering, Inc.  
December 31, 2004.

LINE	BEARING	DISTANCE	MARK
1	S 89° 45' 13" W	506.06'	IRON STAKE
2	N 284° 72' 00" E	284.72'	IRON STAKE
3	S 89° 43' 39" E	505.73'	IRON STAKE
4	N 284° 35' 57" E	284.36'	IRON STAKE



- LEGEND**
- - 3/4" x 18" REBAR SET WEIGHING 1.50 LBS/FT.
  - ▲ - 1" IRON PIPE FOUND IN PLACE.
  - - 1.5" REBAR FOUND.
  - (75')- PLAT DISTANCE

BEARINGS REFERENCED TO THE WEST  
RIGHT-OF-WAY LINE OF BEECH STREET,  
ASSUMED NORTH.



PROJECT NO. 409540

**EXCEL** ENGINEERING INC.  
100 CAMELOT DRIVE  
FOND DU LAC, WI 54930  
PH: (920) 878-8800  
FAX: (920) 878-8881

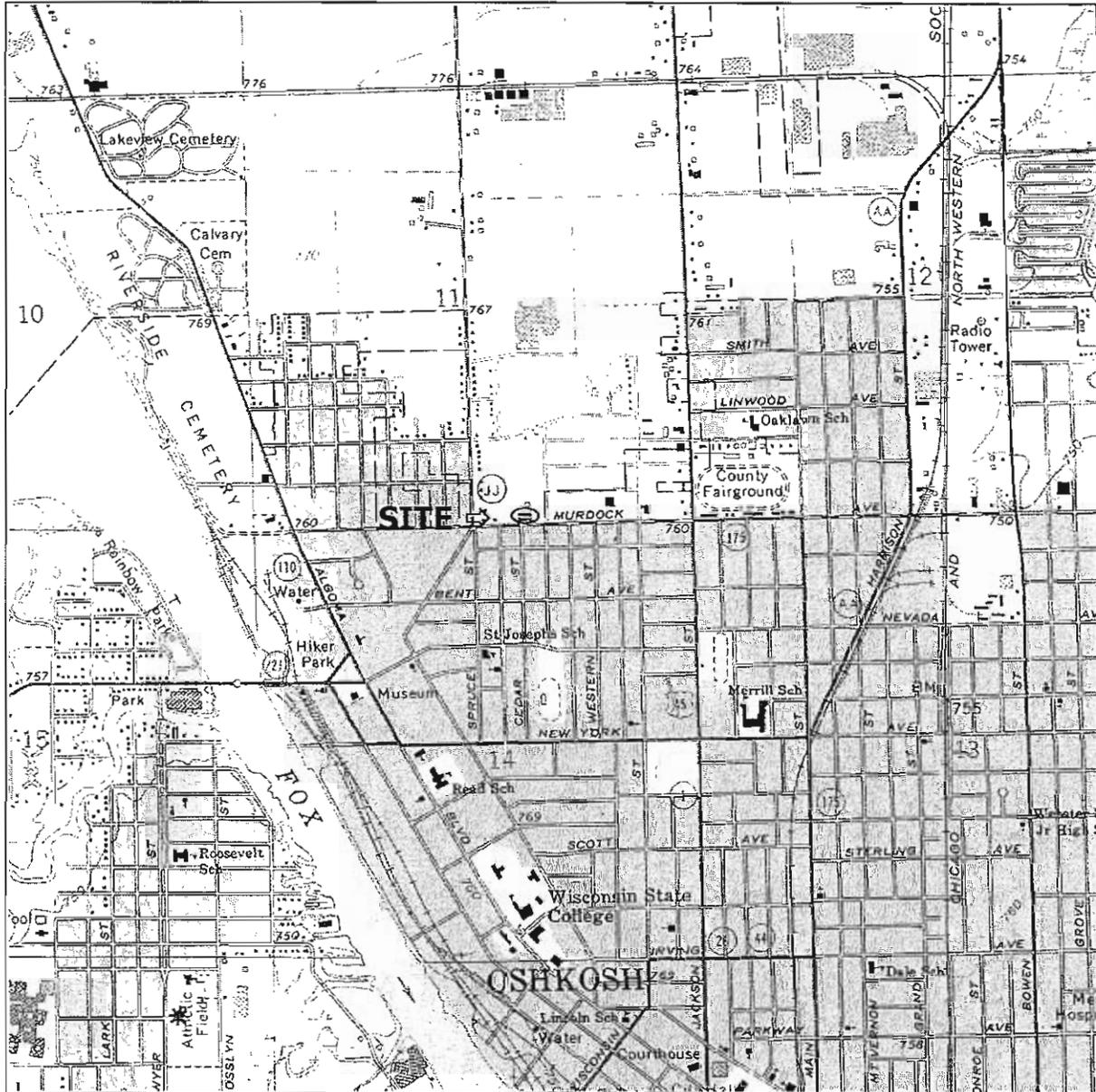
**GIS Registry Packet**  
**Mercury Marine**  
**Plant 6 – Petroleum Investigation**  
**1018 Murdock Avenue, Oshkosh, Wisconsin**

**STATEMENT BY RESPONSIBLE PARTY**

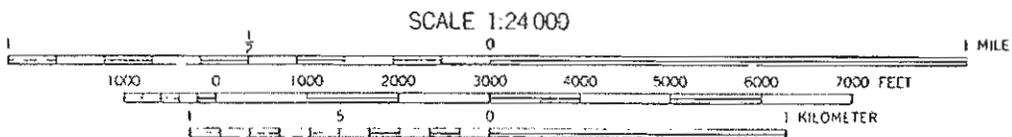
Mr. Craig Dousharm, a representative of Mercury Marine, the responsible party for the petroleum release at the Plant 6 property located at 1018 Murdock Avenue, Oshkosh, Wisconsin, states that the legal description for the property to be listed in the GIS Registry provided to the Wisconsin Department of Natural Resources (WDNR) in this GIS Registry packet for WDNR BRRTS #03-71-182214 is complete and accurate to the best of my knowledge.

  
\_\_\_\_\_  
Signature of Representative for Responsible Party

  
\_\_\_\_\_  
Date



SE ¼ of the SE ¼ Sec. 11, T18N, R16E. Adapted from U.S.G.S. 7.5 minute series, Oshkosh, Wisconsin, quadrangle (dated 1961, photorevised 1975).



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



**Figure 1. Site Location Map**  
 Mercury Marine  
 1018 Murdock Avenue, Oshkosh, Wisconsin





LEGEND	
	SOIL SAMPLE LOCATION
	MONITORING WELL LOCATION
	SOIL BORING LOCATION
	SEWER LINE LOCATION
	CYCLONE FENCE LOCATION
	GEOPROBE LOCATION
	HAND AUGER LOCATION
	SUMP LOCATION

NOTES:  
 1. THIS MAP BASED ON PLAN TITLED "PLANT 6 UST SYSTEM UPGRADE"  
 PRODUCED BY MERCURY MARINE PLANT ENGINEERING DEPARTMENT, DATED 1-30-98.  
 AND SURVEY PERFORMED BY SURVEY ASSOCIATES, INC. DATED 12-30-98.  
 2. SUMP LOCATIONS ARE APPROXIMATED AND HAVE NOT BEEN SURVEYED.  
 ALL SUMPS ARE LOCATED IN THE BASEMENT.

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 1300 West Canal Street  
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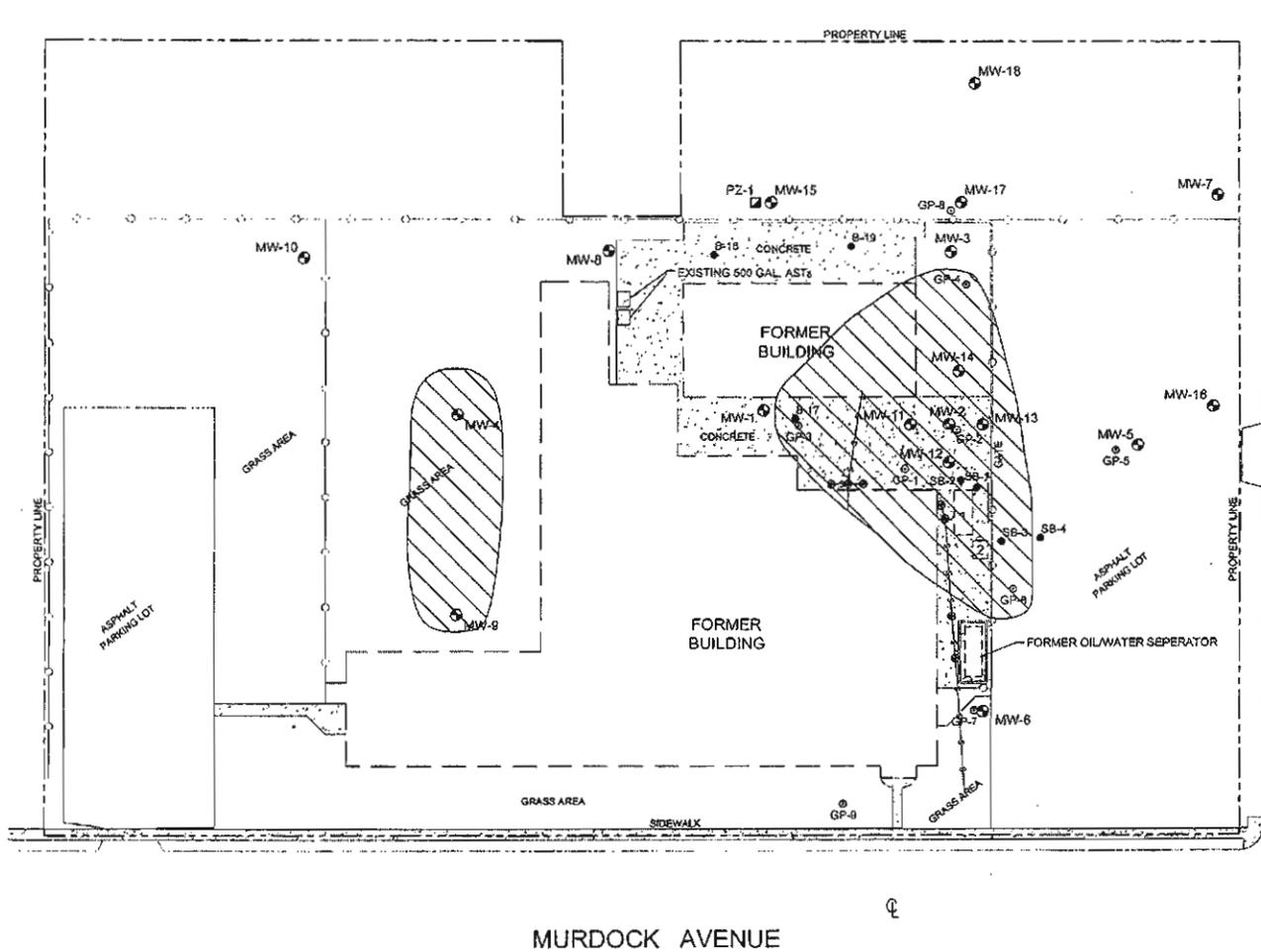
SCALE - 1" = 30'				
NO	DATE	REVISIONS	BY	APVD

NAME:	SJGJ	DATE:	02/23/09
DRAWN BY:	SJGJ	DESIGNED BY:	
CHECKED BY:		APPROVED BY:	

**MERCURY MARINE - PLANT 6**  
**1018 MURDOCK AVENUE, OSHKOSH, WISCONSIN**  
**SITE PLAN MAP**

DRAWING NUMBER  
 7272-014  
**FIGURE 2**

DRAWING FILE: d:\drafting\1967\MERC\196700N1AM.dwg LAYOUT: Model PLOTTED: May 06, 2005 - 8:26am PLOTTED BY: ToddW



BEECH STREET



**LEGEND**

0 50  
  
 SCALE: 1" = 50'

- SOIL CONTAMINATION
- MONITORING WELL
- GEOPROBE SOIL BORING
- PIEZOMETER
- SOIL BORING
- SEWER LINE
- FENCE
- MANHOLE
- 1 FORMER 3,000 GAL. UST
- 2 FORMER 1,000 GAL. UST

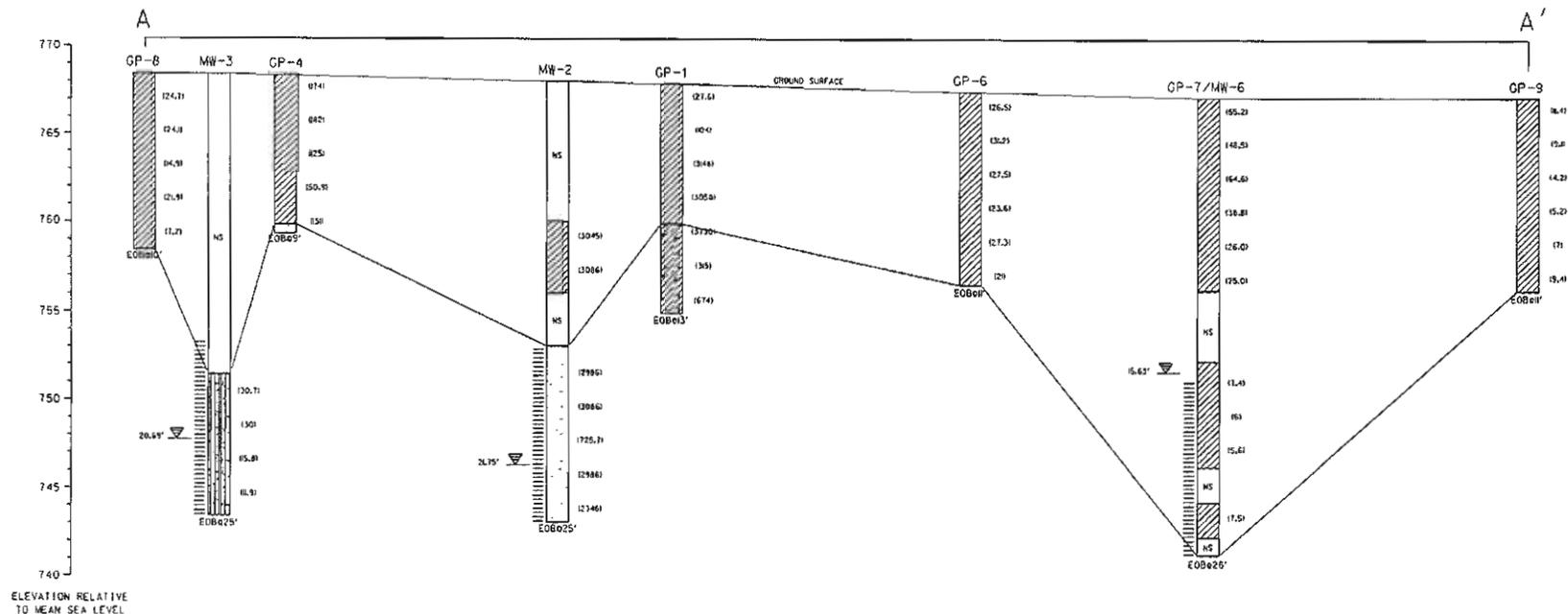


MERCURY MARINE PLANT 6  
 1018 W. MURDOCK AVENUE  
 OSHKOSH, WISCONSIN

FIGURE 4 : EXISTING SOIL CONTAMINATION > RCL

PROJECT No. 1967	DRAWN BY: JSD	DATE: 4/8/05
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LEGEND	
	= WELL SCREEN INTERVAL
	= STATIC WATER LEVEL (112-28-98)
NS	= NOT SAMPLED

USCS SYMBOLS	
	SP - POORLY - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.
	SM - SILTY - SANDS, SAND - SILT MIXTURES.
	CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SAND CLAYS, SILTY CLAYS, LEAN CLAYS.
	GC - CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES.

NOTES:  
 HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 5'  
 ( ) = FIELD PHOTOIONIZATION DETECTION RESULTS, EXPRESSED AS INSTRUMENT UNITS AS ISOBUTYLENE (IUI).

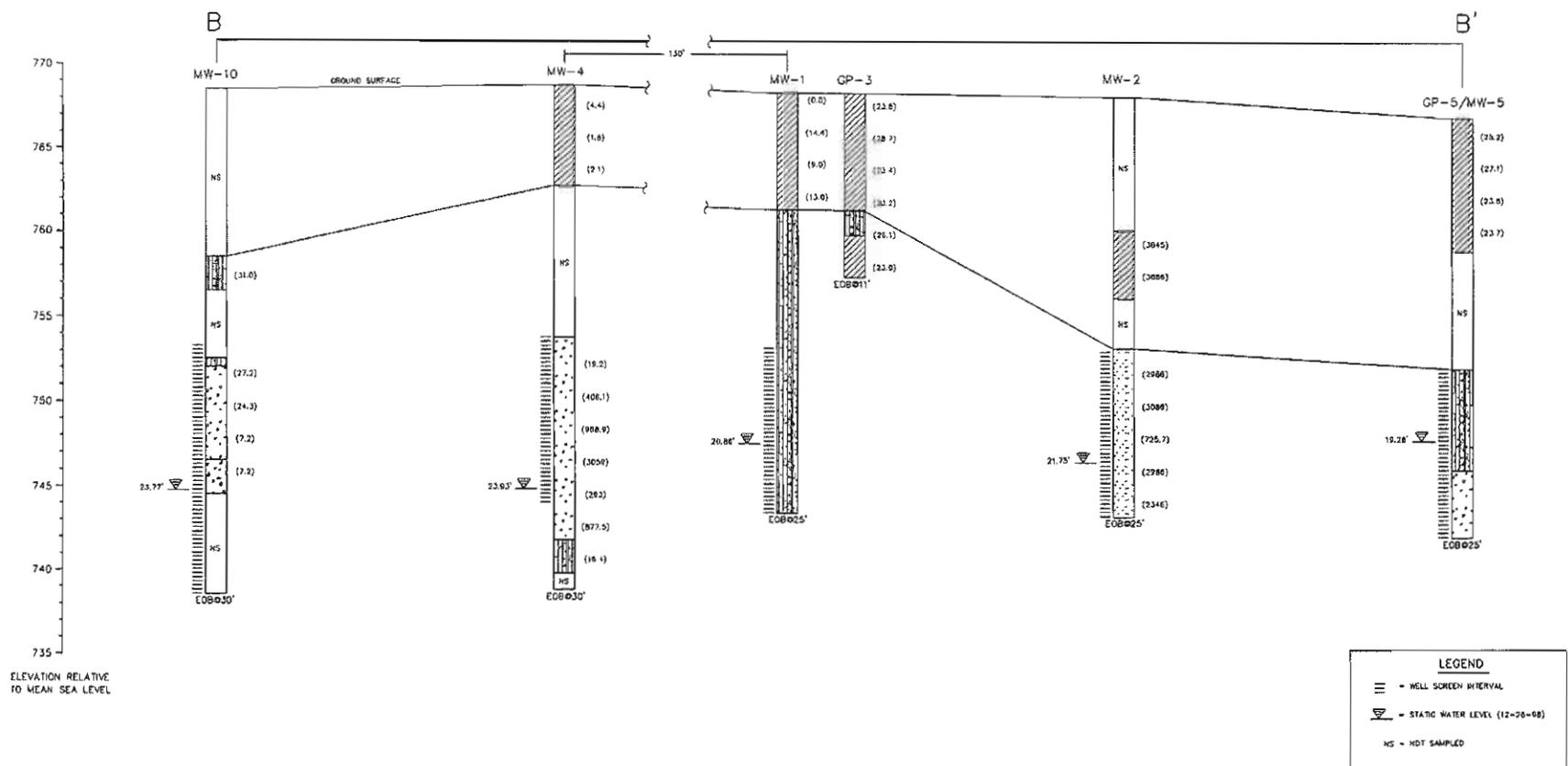
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 Single Source. Sound Solutions.  
 www.chesigma.com  
 1300 West Canal Street  
 Milwaukee, Wisconsin 53233  
 Phone: 414-843-4200  
 Fax: 414-643-4210

SCALE - 1" = 30'					
NO	DATE	REVISIONS	BY	APVD	

NAME:	DATE:
SJGJ	02/23/09
DRAWN BY:	DESIGNED BY:
CHECKED BY:	APPROVED BY:

**MERCURY MARINE - PLANT 6**  
**1018 MURDOCK AVENUE, OSHKOSH, WISCONSIN**  
**GEOLOGICAL CROSS SECTION MAP A - A'**

DRAWING NUMBER  
 7272-014  
**FIGURE 4**



**USCS SYMBOLS**

GW - WELL - GRADED GRAVELS, GRAVEL - SAND MIXTURES LITTLE OR NO FINES.	SP - POORLY - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.
GC - CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES.	SM - SILTY - SANDS, SAND - SILT MIXTURES.
SW - WELL - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.	CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SAND CLAYS, SILTY CLAYS, LEAN CLAYS.

NOTES:  
 HORIZONTAL SCALE: 1" = 20'  
 VERTICAL SCALE: 1" = 5'  
 ( ) = FIELD PHOTOIONIZATION DETECTION RESULTS, EXPRESSED AS INSTRUMENT UNITS AS ISOBUTYLENE (u)

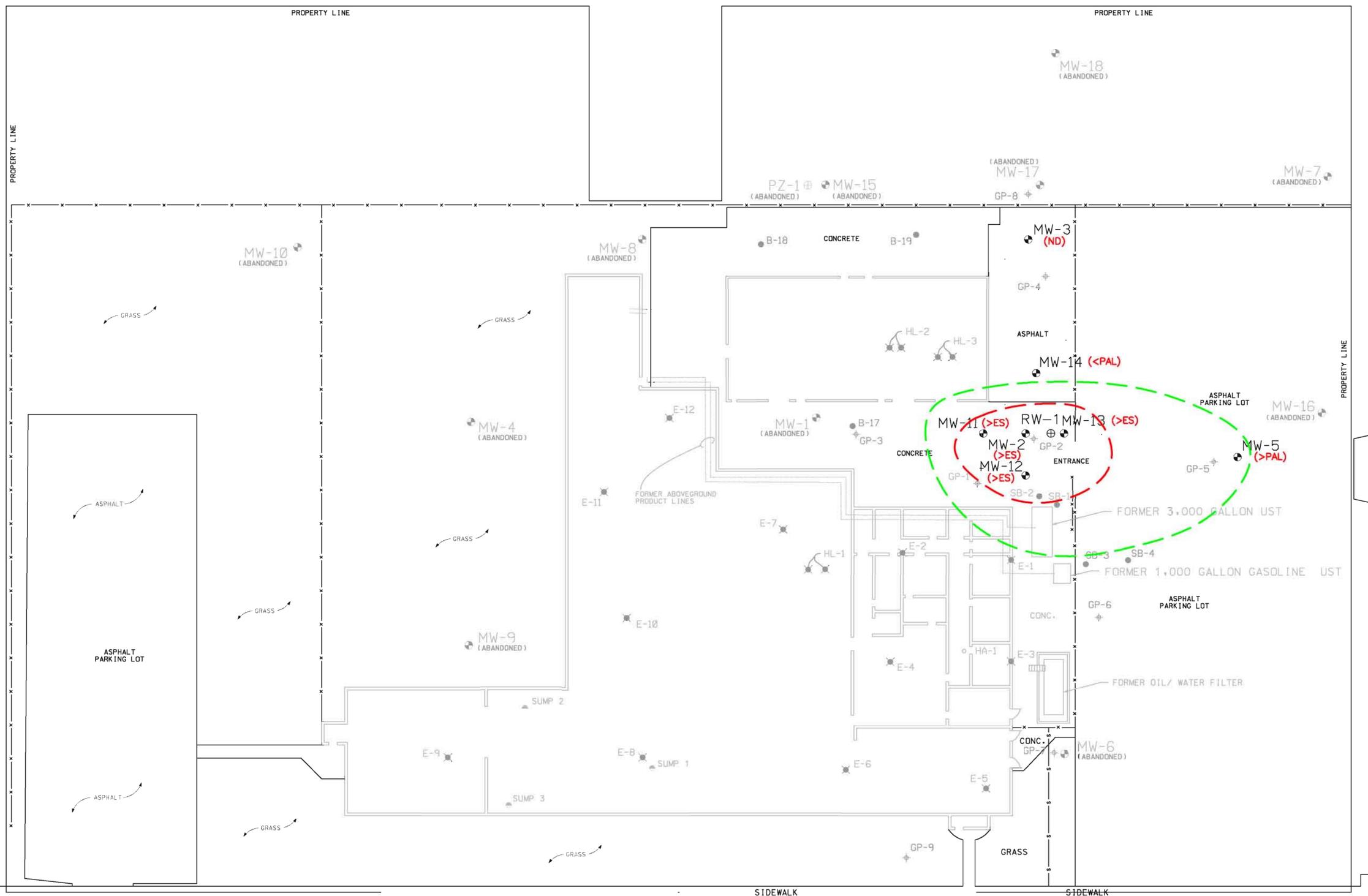
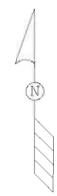
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 Milwaukee, Wisconsin 53233  
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 Fax: 414-643-4210

SCALE - 1" = 30'		0' 15' 30' 45' 60'		NAME: SJGJ	DATE: 02/23/09
NO	DATE	REVISIONS	BY	APVD	DRAWN BY:
					DESIGNED BY:
					CHECKED BY:
					APPROVED BY:

**MERCURY MARINE - PLANT 6**  
**1018 MURDOCK AVENUE, OSHKOSH, WISCONSIN**  
**GEOLOGICAL CROSS SECTION MAP B - B'**

DRAWING NUMBER  
 7272-014  
**FIGURE 5**

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LEGEND	
	APPROXIMATE EXTENT OF GROUNDWATER IMPACTS GREATER THAN NR 140 PAL
	APPROXIMATE EXTENT OF GROUNDWATER IMPACTS GREATER THAN 140 ES
(ND)	NOT REPORTED ABOVE LABORATORY DETECTION LIMITS
(>PAL)	NR 140 PREVENTATIVE ACTION LIMIT
(>ES)	NR 140 ENFORCEMENT STANDARD
	SOIL SAMPLE LOCATION
	MONITORING WELL LOCATION
	SOIL BORING LOCATION
	SEWER LINE LOCATION
	CYCLONE FENCE LOCATION
	GEOPROBE LOCATION
	HAND AUGER LOCATION
	SUMP LOCATION

NOTES:  
 1. THIS MAP BASED ON PLAN TITLED "PLANT 6 UST SYSTEM UPGRADE" PRODUCED BY MERCURY MARINE PLANT ENGINEERING DEPARTMENT, DATED 1-30-98. AND SURVEY PERFORMED BY SURVEY ASSOCIATES, INC. DATED 12-30-98.  
 2. SUMP LOCATIONS ARE APPROXIMATED AND HAVE NOT BEEN SURVEYED. ALL SUMPS ARE LOCATED IN THE BASEMENT.

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 Fax: 414-643-4210

SCALE - 1" = 30'				
NO	DATE	REVISIONS	BY	APVD

NAME:	SJGJ	DATE:	02/23/09
DRAWN BY:	SJGJ	DESIGNED BY:	
CHECKED BY:		APPROVED BY:	

**MERCURY MARINE - PLANT 6**  
**1018 MURDOCK AVENUE, OSHKOSH, WISCONSIN**  
**GROUNDWATER QUALITY MAP (11/26/08)**

DRAWING NUMBER  
 7272-014  
**FIGURE 6**



LEGEND	
	GROUNDWATER CONTOUR LINE, CONTOUR INTERVAL = 0.25'
	STATIC GROUNDWATER LEVEL
	GROUNDWATER FLOW DIRECTION
	SOIL SAMPLE LOCATION
	MONITORING WELL LOCATION
	SOIL BORING LOCATION
	SEWER LINE LOCATION
	CYCLONE FENCE LOCATION
	GEOPROBE LOCATION
	HAND AUGER LOCATION
	SUMP LOCATION

NOTES:  
 1. THIS MAP BASED ON PLAN TITLED "PLANT 6 UST SYSTEM UPGRADE" PRODUCED BY MERCURY MARINE PLANT ENGINEERING DEPARTMENT, DATED 1-30-98. AND SURVEY PERFORMED BY SURVEY ASSOCIATES, INC. DATED 12-30-98.  
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SCALE - 1" = 30'				
NO	DATE	REVISIONS	BY	APVD

NAME:	SJGJ	DATE:	02/23/09
DRAWN BY:		DESIGNED BY:	
CHECKED BY:		APPROVED BY:	

**MERCURY MARINE - PLANT 6**  
**1018 MURDOCK AVENUE, OSHKOSH, WISCONSIN**  
**GROUNDWATER CONTOUR MAP (11/26/08)**

DRAWING NUMBER  
 7272-014  
**FIGURE 7**

**Table 1**  
**Soil Quality Results - Detections Only**  
**Petroleum Investigation**  
 Mercury Marine Plant 6  
 Oshkosh, Wisconsin

Boring ID	6-SB-1	6-SB-2	6-SB-3	6-SB-4	NR 720 Soil Cleanup Levels	NR 746 Table 1	NR 746 Table 2	Site Specific RCL
Depth (inches bgs)	24"-48"	72"-96"	96"-120"	48"-72"				
GRO	<1.1	500	440	470	100	**	**	**
DRO	<0.95	150	120	99	100	**	**	**
Lead	3.7	3.4	5.2	4.3	500	**	**	**
<b>Volatile Organic Compounds</b>								
Benzene	<0.014	<0.014	0.22"J"	0.38"J"	0.0055	8.5	1.1	**
Toluene	<0.013	0.76	0.16"J"	0.37"J"	1.5	38	**	**
Ethylbenzene	<0.013	0.22"J"	1.7	0.68	2.9	4.6	**	**
Total Xylenes	<0.044	3.0 "J"	4.63 "J"	3.02	4.1	42	**	**
1,2-DCA	<0.017	<0.17	<0.17	<0.17	0.0049	0.69	0.54	**
1,3,5-Trimethylbenzene	<0.011	1.3	1.1	0.71	**	11	**	**
1,2,4-Trimethylbenzene	<0.02	2.5	2.9	1.7	**	83	**	**
n-Butylbenzene	<0.015	2.3	1.5	0.87	**	**	**	**
sec-Butylbenzene	<0.015	0.16 "J"	1	0.58	**	**	**	**
Isopropylbenzene	<0.013	1.1	0.18"J"	0.18"J"	**	**	**	**
p-Isopropyltoluene	<0.015	<0.15	0.89	0.24"J"	**	**	**	**
Naphthalene	<0.037	1.3	0.58"J"	3.1	**	2.7	**	**
n-Propylbenzene	<0.0082	0.35	0.53	0.28	**	**	**	**

Key: Preliminary Soil Samples collected on January 28, 1998  
 NA = Not Analyzed  
 Site Specific RCL, values calculated using EPA Soil Screening Level Web Site for groundwater pathway  
 \* = Includes Total Xylenes and Styrene (compound concentrations can not be differentiated, but per the laboratory [US Filter/Enviroscan], reported  
 \*\* = No Standard Established  
 [ ] = Exceeds NR 720 Soil Cleanup Guidelines and/or Site Specific RCLs  
**BOLD** = Exceeds NR 746 Table 1 or Table 2 values

All results expressed in milligrams per kilogram (mg/kg)

**Table 1- Cont'd**  
**Soil Quality Results - Detections Only**  
**Petroleum Investigation**  
 Mercury Marine Plant 6  
 Oshkosh, Wisconsin

Boring ID	GP-1	GP-2	GP-3	GP-4	GP-4	GP-5	GP-6	GP-7	GP-8	GP-9	HA-1	NR 720 Soil Cleanup Levels	NR 746 Table 1	NR 746 Table 2	Site Specific RCL
Depth (feet bgs)	8-10	8-10	8-10	2-4	8-10	4-6	8-10	4-6	6-8	8-10	3-4				
GRO	230	260	<1.3	120	94	2.1	3.4	<1.3	<1.3	<1.3	33	100	**	**	**
DRO	46	68	1.8	8	NA	<1	<1	14	<1	<1	20	100	**	**	**
Lead	4.2	4.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	500	**	**	**
<b>Petroleum Volatile Organic Compounds</b>															
Benzene	1.1	2.6	0.016	0.055	0.043	<0.015	0.02	<0.016	<0.015	<0.015	0.71	0.0055	8.5	1.1	**
Toluene	3.4	16	0.015	0.023	0.16	0.041	<0.014	<0.015	<0.014	0.015	<0.032	1.5	38	**	**
Ethylbenzene	6.3	6	0.018	0.3	0.25	0.062	<0.014	<0.015	<0.014	<0.014	1.4	2.9	4.6	**	**
Total Xylenes	25	26.7	0.033	0.394	0.87	0.246	<0.029	<0.032	<0.03	<0.03	0.4	4.1	42	**	**
1,3,5-Trimethylbenzene	4.4	4.8	0.014	1.8	0.94	0.036	<0.012	<0.013	<0.012	<0.012	1.3	**	0.69	0.54	**
1,2,4-Trimethylbenzene	15	16	<0.022	2.3	1.5	0.12	0.085	<0.023	<0.022	<0.022	4.1	**	83	**	**
<b>Polycyclic Aromatic Hydrocarbons:</b>															
Naphthalene	0.67	0.42	NA	0.053	NA	NA	NA	NA	NA	NA	0.26	**	**	**	**
Acenaphthylene	0.2	0.16	NA	<0.033	NA	NA	NA	NA	NA	NA	<0.034	**	**	**	**
Phenanthrene	<0.0016	0.037	NA	0.15	NA	NA	NA	NA	NA	NA	<0.0018	**	**	**	**
Dibenzo(a,h)anthracene	0.0035	<0.0032	NA	<0.0037	NA	NA	NA	NA	NA	NA	<0.0037	**	**	**	**
1-Methylnaphthalene	0.82	0.65	NA	0.12	NA	NA	NA	NA	NA	NA	0.16	**	**	**	**
2-Methylnaphthalene	1.9	1.4	NA	0.16	NA	NA	NA	NA	NA	NA	0.4	**	**	**	**

KEY: Geoprobe borings completed on 6/4/98  
 NA = Not Analyzed  
 Site Specific RCL, values calculated using EPA Soil Screening Level Web Site for groundwater pathway  
 \* = Includes Total Xylenes and Styrene (compound concentrations can not be differentiated, but per the laboratory [US Filter/Enviroscan], reported concentration likely reflects Total Xylene)  
 \*\* = No Standard Established  
  = Exceeds NR 720 Soil Cleanup Guidelines and/or Site Specific RCLs  
**BOLD** = Exceeds NR 746 Table 1 or Table 2 values

All results expressed in milligrams per kilogram (mg/kg)

**Table 1 (cont'd)**  
**Soil Quality Results - Detections Only**  
**Petroleum Investigation**  
**Mercury Marine Plant 6**  
**Oshkosh, Wisconsin**

Boring ID	MW-1	MW-2				MW-3	MW-4			MW-5	MW-6	MW-7		MW-8		MW-9		MW-10		MW-11	NR 720 Soil	NR 746	NR 746	Site Specific
Depth (feet bgs)	8-8	8-10	17-19	23-25	17-19	19-21	21-23	17-19	19-21	10-12'	20-22'	8-10'	20-22'	16-18'	22-24'	10-12'	22-24'	18-20'	Cleanup Levels	Table 1	Table 2	RCL		
GRO	5.3	100	520	230	<1.3	100	410	2.6	<1.2	<1.3	<1.3	<1.2	<1.3	1.7	<1.2	<1.3	<1.3	5900	100	**	**	**		
DRO	5.1	NA	190	NA	2.1	NA	81	1.9	2.3	NA	100	**	**	**										
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	500	**	**	**		
<b>Volatile Organic Compounds</b>																								
Benzene	<0.017	0.78	2.9	3.7	<0.016	0.18	1.1	<0.017	<0.015	<0.016	<0.016	<0.015	0.043	0.057	0.034	<0.016	<0.015	38	0.0055	8.5	1.1	**		
Toluene	0.016	3.9	28	20	<0.015	0.2	0.25	0.027	0.034	<0.015	<0.015	<0.014	0.041	0.028	<0.013	<0.014	<0.014	97	1.5	38	**	**		
Ethylbenzene	0.066	2.2	14	6.1	<0.015	0.6	11	0.067	<0.014	<0.015	<0.015	<0.014	0.043	0.024	<0.013	<0.014	<0.014	120	2.9	4.6	**	**		
Total Xylenes	0.181	9.6	64	28.6	<0.032	0.795	21.21	0.13	<0.029	<0.031	<0.032	<0.03	0.091	0.076	<0.028	<0.031	<0.03	460	4.1	42	**	**		
1,2-DCA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0049	0.69	0.54	**		
1,3,5-Trimethylbenzene	0.039	1.6	12	3.9	<0.013	2	9.4	0.046	<0.012	<0.012	<0.013	<0.012	0.044	0.022	<0.011	<0.012	<0.012	92	**	11	**	**		
1,2,4-Trimethylbenzene	0.064	6	39	12	0.034	6.3	33	0.16	<0.022	<0.023	<0.024	<0.022	0.041	0.025	<0.021	<0.023	<0.022	240	**	83	**	**		
n-Butylbenzene	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	**	**	**	**		
Isopropylbenzene	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	**	**	**	**		
Naphthalene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**	2.7	**	**		
n-Propylbenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**	**	**	**		

KEY: Trip blank submitted with soil samples from MW-7, MW-8, MW-9, and MW-10 contained slight impacts of Ethylbenzene, Xylenes, 1,3,5-TMB, and 1,2,4-TMB.  
 NA = Not Analyzed  
 Site Specific RCL, values calculated using EPA Soil Screening Level Web Site for groundwater pathway  
 \* = Includes Total Xylenes and Styrene (compound concentrations can not be differentiated, but per the laboratory [US Filter/Enviroscan], reported concentration likely reflects Total Xylene)  
 \*\* = No Standard Established  
 \*\*\* = Acetone detected in soil sample and trip blank at concentrations of 0.5 mg/kg and 0.2 mg/kg, respectively. Likely lab contaminant.  
 [ ] = Exceeds NR 720 Soil Cleanup Guidelines and/or Site Specific RCLs  
 BOLD = Exceeds NR 746 Table 1 or Table 2 values  
 All results expressed in milligrams per kilogram (mg/kg)

**Table 1 (cont'd)**  
**Soil Quality Results - Detections Only**  
**Petroleum Investigation**  
 Mercury Marine Plant 6  
 Oshkosh, Wisconsin

Boring ID	MW-12			MW-13			MW-14			MW-16			MW-17***			MW-18			B-17			B-18			B-19			PZ-1		Trip Blank	NR 720 Soil	NR 746	NR 746	Site Specific RCL						
	18-20'	18-20'	18-20'	4-6'	20-22'	24-26'	17-19'	22-24'	2-4'	8-10'	20-22'	2-4'	8-10'	4-6'	8-10'	18-20'	20-22'	26-28'	Cleanup Levels	Table 1	Table 2																			
Depth (feet bgs)	18-20'	18-20'	18-20'	4-6'	20-22'	24-26'	17-19'	22-24'	2-4'	8-10'	20-22'	2-4'	8-10'	4-6'	8-10'	18-20'	20-22'	26-28'	<1.1																					
GRO	4400	6100	33	<5.85	<6.11	<5.53	NA	NA	<6.49	<5.43	<5.80	<6.39	<5.34	<5.97	<5.41	<5.78	<6.05	<6.02	<1.1	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								
DRO	NA	NA	NA	NA	NA	NA	NA	NA	NA	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA																		
Lead	NA	NA	NA	NA	NA	NA	NA	NA	NA	500	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA																		
<b>Volatile Organic Compounds</b>																																								
Benzene	22	64	0.4	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	0.0055	8.5	1.1	**						
Toluene	84	360	0.58	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	1.5	38	**	**		
Ethylbenzene	110	130	0.85	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	2.9	4.6	**	**	
Total Xylenes	360	590	2.87*	<.025*	<.025*	<.025*	<0.208	<0.152	<.025*	<.025*	0.0339*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	<.025*	4.1	42	**	**	
1,2-DCA	NA	NA	<.014	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	NA	0.0049	0.69	0.54	**
1,3,5-Trimethylbenzene	140	96	0.99	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	0.02	**	11	**	**
1,2,4-Trimethylbenzene	329	280	2.7	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	0.026	**	83	**	**
n-Butylbenzene	NA	NA	1.6	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	NA	**	**	**	**
sec-Butylbenzene	NA	NA	0.091	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	NA	**	**	**	**
isopropylbenzene	NA	NA	0.074	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	NA	**	**	**	**	
p-Isopropyltoluene	NA	NA	0.097	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	NA	**	**	**	**	
Naphthalene	NA	NA	0.66	<.025	<.025	<.025	<0.29	<0.22	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	NA	**	**	2.7	**	**
n-Propylbenzene	NA	NA	0.46	<.025	<.025	<.025	<0.068	<0.052	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	<.025	NA	**	**	**	**	

KEY: Trip blank submitted with soil samples from MW-7, MW-8, MW-9, and MW-10 contained slight impacts of Ethylbenzene, Xylenes, 1,3,5-TMB, and 1,2,4-TMB.  
 NA = Not Analyzed  
 Site Specific RCL, values calculated using EPA Soil Screening Level Web Site for groundwater pathway  
 \* = Includes Total Xylenes and Styrene (compound concentrations can not be differentiated, but per the laboratory [US Filter/Enviroscan], reported concentration likely reflects Total Xylene)  
 \*\* = No Standard Established  
 \*\*\* = Acetone detected in soil sample and trip blank at concentrations of 0.5 mg/kg and 0.2 mg/kg, respectively. Likely lab contaminant.  
 [ ] = Exceeds NR 720 Soil Cleanup Guidelines and/or Site Specific RCLs  
**BOLD** = Exceeds NR 746 Table 1 or Table 2 values  
 All results expressed in milligrams per kilogram (mg/kg)

Table 2  
Groundwater Quality Results - BTEX and Detects Only  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272

ANALYTE	Date	MW-2																Chapter NR 140		
		07/09/98	05/24/01	08/22/01	05/09/02	03/10/04	06/01/04	08/25/04	02/18/05	12/19/05	03/31/06	07/28/06	11/09/06	04/03/07	08/28/07	05/05/08	11/26/08	ES	PAL	
<b>Petroleum Volatile Organic Compounds</b>																				
Benzene	µg/l	<b>11000</b>	<b>14000</b>	<b>4200</b>	<b>4300</b>	<b>5600</b>	<b>2190</b>	<b>11200</b>	<b>2690</b> <sup>A-01</sup>	<b>2060</b>	<b>2200</b>	<b>2600</b>	<b>360</b>	<b>750</b>	<b>1100</b>	<b>1500</b>	<b>1100</b>	5.0	0.5	
Ethylbenzene	µg/l	<b>1500</b>	<b>2000</b>	<b>1700</b>	<b>1700</b>	<b>3290</b>	<b>868</b>	<b>1550</b>	<b>1660</b> <sup>A-01</sup>	<b>3640</b>	<b>1400</b>	<b>1100</b>	<b>620</b>	<b>1000</b>	<b>610</b>	<b>830</b>	<b>1500</b>	700	140	
Methyl Tert Butyl Ether	µg/l	<58	<40	<500	<67	<19	<0.29	<29	<8.1	<15.8	<23	<23	<9.2	<9.2	<4.6	<9.2	<9.2	60	12	
Naphthalene	µg/l	<b>500</b>	<b>380</b>	<500	<b>520</b>	<b>1160</b>	<b>215</b>	<800	<b>542</b> <sup>A-01</sup>	<b>4490</b>	NA	NA	NA	NA	<b>200</b>	<b>240</b>	<b>420</b>	100	10	
Toluene	µg/l	<b>20000</b>	<b>25000</b>	<b>16000</b>	<b>13000</b>	<b>52200</b>	<b>8620</b>	<b>28000</b>	<b>9260</b>	<b>15700</b>	<b>7600</b>	<b>7300</b>	<b>3000</b>	<b>2900</b>	<b>2400</b>	<b>2900</b>	<b>6300</b>	1,000	200	
1,2,4 Trimethylbenzene	µg/l	940	2100	2700	2500	5210	2240	1370	2430	50400	1600	1500	7800	620	560	730	1100	**	**	
1,3,5 Trimethylbenzene	µg/l	310	530	750	750	1390	784	<500	648	6510	450	420	2200	180	150	190	300	**	**	
Trimethylbenzene (Total)	µg/l	<b>1250</b>	<b>2630</b>	<b>3450</b>	<b>3250</b>	<b>7600</b>	<b>3024</b>	<b>1370</b>	<b>3078</b>	<b>56910</b>	<b>2050</b>	<b>1920</b>	<b>10000</b>	<b>800</b>	<b>710</b>	<b>920</b>	<b>1400</b>	480	96	
Xylenes	µg/l	<b>8000</b>	<b>11300</b>	<b>11100</b>	<b>7700</b>	<b>104000</b>	<b>8810</b>	<b>10400</b>	<b>10400</b> <sup>A-01</sup>	<b>29300</b>	<b>7700</b>	<b>8100</b>	<b>8700</b>	<b>2800</b>	<b>2100</b>	<b>3100</b>	<b>4900</b>	10,000	1000	
<b>In Situ Measurements:</b>																				
Dissolved Oxygen	mg/L	0.60	NA	0.02	NA	0.15	0.14	0.16	0.16	0.15	0.28					0.36	NA	NA	**	**
Redox	mV	103.8	NA	-34.3	NA	-122.6	-113.2	-110.0	-90.3	NA	-95.0					-95.0	NA	NA	**	**
pH	none	7.2	NA	7.0	NA	7.0	7.0	7.0	7.0	NA	7.0					7.0	NA	NA	**	**
Conductivity	µS	1077	NA	NA	NA	NA	NA	NA	NA	NA	NA					NA	NA	NA	**	**
Ferrous Iron	mg/L	1.0	NA	3.6	NA	5.0	4.0	4.4	5.0	4.0	3.6					6.0	NA	NA	**	**
Temperature	C	11.5	NA	12.3	NA	10.1	10.2	11.4	10.9	NA	10.9					11.9	NA	NA	**	**

**Notes:**

A-01 One or more of the CCC recoveries were above the method specified acceptance criteria, however, the recovery of this analyte in the check standard is within 20% of its known value.

J Results reported between Method Detection Limit and Limit of Quantitation are less certain than results at or above the LOQ.

G14 The recovery of this analyte in the check standard is above the method specified acceptance criteria.

G20 This analyte was initially analyzed within holdtime; however, reanalysis at a dilution was performed outside the method specified holdtime.

G28 The recovery of this Calibration Check Compound (CCC) in the check standard is above the method specified acceptance criteria.

Results at MW-1, MW-4, MW-5, and MW-14 during the 2/21/2002 sampling contained at "D" on the laboratory analytical report, indicating a dilution

µg/L = micrograms per liter (equivalent to parts per billion)  
 mg/L = milligrams per liter (equivalent to parts per million)  
 ng/L = Nanograms per liter  
 mV = millivolts  
 S.U. = standard pH unit  
 Degree C = Degree Celsius  
 NA = Not Analyzed      \*\* = No Standard  
 NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard  
 NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit

Exceedances: **BOLD** = concentration exceeds Chapter NR 140 PAL  
**BOX** = concentration exceeds Chapter NR 140 ES

Table 2  
Groundwater Quality Results - BTEX and Detects Only  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272

ANALYTE	Date	MW-3																				Chapter NR 140									
		07/09/98	12/28/98	07/16/99	04/24/00	11/14/00	05/24/01	08/22/01	11/15/01	02/21/02	05/09/02	11/13/02	03/10/04	06/01/04	08/25/04	11/17/04	02/18/05	12/19/05	03/31/06	07/28/06	11/09/06	04/03/07	08/28/07	05/05/08	11/26/08	ES	PAL				
<b>Petroleum Volatile Organic Compounds</b>																															
Benzene	µg/l	<b>1.2</b>	<b>2.0</b>	<b>2.3</b>	<b>1.02</b>	<b>2.95</b>	<b>1.8</b>	<b>2.0</b>	<b>1.7</b>	<b>2.0</b>	<b>1.6</b>	<b>1.1</b>	<b>0.73</b>	<b>1.1</b>	<0.5	<b>0.550</b>	<b>1.21</b>	<0.291	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	5.0	0.5	
Ethylbenzene	µg/l	<0.35	0.46	<0.35	0.541	<0.5	<0.57	<1.0	<0.43	<1.0	<0.43	<0.53	<5.0	<5.0	<5.0	<5.0 <sup>929</sup>	<5.0	<5.0	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	<0.22	700	140
Methyl Tert Butyl Ether	µg/l	<0.29	<0.29	<0.29	<0.34	<0.3	<0.2	<5.0	<0.87	<5.0	<0.67	<0.87	<0.381	0.47	1.04	<0.29	<0.405	<0.317	<2.0	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	<0.23	60	12	
Naphthalene	µg/l	<0.72	<0.72	<0.72	<0.8	<0.8	<0.27	<5.0	<0.59	<5.0	<0.59	<0.63	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	NA	NA	NA	NA	<0.5	<0.5	<0.5	<0.5	<0.5	100	10		
Toluene	µg/l	1.3	<0.32	<0.32	<0.4	<0.4	0.13	<1.0	<0.47	<1.0	<0.47	<0.84	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.11	<0.25	1,000	200	
1,2,4 Trimethylbenzene	µg/l	<0.36	0.87	<0.36	<0.4	<0.4	<0.34	<1.0	<0.51	<1.0	<0.51	<0.69	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	**	**	
1,3,5 Trimethylbenzene	µg/l	<0.38	1.1	<0.38	<0.15	<0.15	<0.29	<1.0	<0.52	<1.0	<0.52	<0.64	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	<0.19	**	**	
Trimethylbenzene (Total)	µg/l	<0.38	1.97	<0.38	<0.15	<0.15	<0.34	<1.0	<0.52	<1.0	<0.52	<0.89	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	480	96	
Xylenes	µg/l	1.91	0.62	1.9	<0.19	0.365	0.29	<3.0	<1.94	<3.0	<1.4	<1.83	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	<0.39	10,000	1000	
<b>In Situ Measurements:</b>																															
Dissolved Oxygen	mg/L	3.10	0.20	0.10	0.20	NA	NA	0.52	NA	0.64	NA	NA	0.31	0.18	0.36	0.24	0.40	0.28	0.82								0.44	NA	NA	**	**
Redox	mV	154.0	68.9	208.9	266.4	NA	NA	83.7	NA	259.3	NA	NA	166.9	22.0	44.0	44.0	92.9	NA	51.0								120.0	NA	NA	**	**
pH	none	7.3	7.8	8.3	8.2	NA	NA	7.0	NA	7.0	NA	NA	7.0	7.0	7.0	7.0	7.0	NA	7.0								7.0	NA	NA	**	**
Conductivity	µS	1132	1108	1261	1055	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								NA	NA	NA	**	**
Ferrous Iron	mg/L	0.0	0.0	0.0	0.0	NA	NA	0.0	NA	0.0	NA	NA	0.0	0.8	0.8	1.8	0.6	0.2	0.0								0.0	NA	NA	**	**
Temperature	C	10.2	12.7	10.9	10.9	NA	NA	11.8	NA	11.1	NA	NA	10.0	9.9	11.1	13.3	10.9	NA	11.2								11.8	NA	NA	**	**

Notes:

A-01 One or more of the CCC recoveries were above the method specified acceptance criteria, however, the recovery of this analyte in the check standard is within 20% of its known value.

J Results reported between Method Detection Limit and Limit of Quantitation are less certain than results at or above the LOQ.

G14 The recovery of this analyte in the check standard is above the method specified acceptance criteria.

G20 This analyte was initially analyzed within holdtime; however, reanalysis at a dilution was performed outside the method specified holdtime.

G28 The recovery of this Calibration Check Compound (CCC) in the check standard is above the method specified acceptance criteria.

Results at MW-1, MW-4, MW-5, and MW-14 during the 2/21/2002 sampling contained at "D" on the laboratory analytical report, indicating a dilution

µg/L = micrograms per liter (equivalent to parts per billion)  
 mg/L = milligrams per liter (equivalent to parts per million)  
 ng/L = Nanograms per liter  
 mV = millivolts  
 S.U. = standard pH unit  
 Degree C = Degree Celsius  
 NA = Not Analyzed      \*\* = No Standard

NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard  
 NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit

Exceedances: **BOLD** = concentration exceeds Chapter NR 140 PAL  
**BOX** = concentration exceeds Chapter NR 140 ES

Table 2  
Groundwater Quality Results - BTEX and Detects Only  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272

ANALYTE	Date	MW-5																				Chapter NR 140									
		07/09/98	12/29/98	07/16/99	04/24/00	11/14/00	05/24/01	08/22/01	11/15/01	02/21/02	05/09/02	11/13/02	03/10/04	06/01/04	08/25/04	11/17/04	02/18/05	12/19/05	03/31/06	07/28/06	11/09/06	04/03/07	08/28/07	05/05/08	11/26/08	ES	PAL				
<b>Petroleum Volatile Organic Compounds</b>																															
Benzene	µg/l	<b>750</b>	<b>53</b>	<b>170</b>	<b>5030</b>	796/>1439	<b>2800</b>	<b>730</b>	<b>659</b>	<b>250</b>	<b>5400</b>	<b>1100</b>	<b>3480</b>	<b>3800</b>	<b>2300</b>	<b>410</b>	<0.34	<b>459</b>	<b>4000</b>	<b>600</b>	<b>740</b>	<b>7900</b>	<b>710</b>	<b>0.71<sup>J</sup></b>	<b>4.9</b>	5.0	0.5				
Ethylbenzene	µg/l	60	<0.35	<1.8	<b>578</b>	4.91	<b>200</b>	<b>170</b>	<b>240</b>	83	<b>620</b>	120	<b>310</b>	<5.0	<b>404</b>	<b>300<sup>G20</sup></b>	<b>281<sup>A-G1</sup></b>	67	<b>600</b>	61	120	<b>1200</b>	55	<0.22	<0.22	700	140				
Methyl Tert Butyl Ether	µg/l	<5.8	1.8	<1.4	<150	9.08	<5.0	<5.0	<3.4	<50	<34	<8.7	<0.361	2.24	<14.5	<7.25	<0.405	<0.317	<12	<2.3	<2.3	<2.3	<0.23	<0.23	<0.23	60	12				
Naphthalene	µg/l	<14	1.4	<3.6	<400	<1.0	<b>14</b>	<b>20</b>	<b>38</b>	<50	<b>62</b>	<b>31</b>	<b>52.7</b>	<b>70.5</b>	<400	<b>90.8</b>	<b>45.9<sup>A-G1</sup></b>	<b>18.5</b>	NA	NA	NA	NA	<b>12</b>	<0.5	<0.5	100	10				
Toluene	µg/l	30	2.6	3.8	<200	11.2	93	47	19	<10	120	51	<b>284</b>	144	184	<125	135 <sup>A-G1</sup>	16.5	<b>640</b>	13	72	<b>1500</b>	<b>45</b>	<0.11	<0.25	1,000	200				
1,2,4 Trimethylbenzene	µg/l	<7.2	0.81	<1.8	<200	<0.4	<8.5	4.2	5.4	<10	28	<6.9	40.8	78.5	<250	<125	92.1 <sup>G14</sup>	19.5	200	19	55	610	21	<0.25	<0.25	**	**				
1,3,5 Trimethylbenzene	µg/l	<7.6	0.79	<1.9	<75	<0.15	<7.2	2.0	3.6	<10	26	<5.4	10.1	22.6	<250	<125	15.2 <sup>G14</sup>	<5.0	40	5.7 <sup>J</sup>	9.7	170	2.7	<0.19	<0.19	**	**				
Trimethylbenzene (Total)	µg/l	<7.6	1.8	<1.9	<200	<0.15	<8.5	6.2	9.0	<10	28	<6.9	50.9	<b>101.1</b>	<250	<250	<b>107.3</b>	19.5	<b>240</b>	24.7	65	<b>740</b>	23.7	<0.25	<0.25	480	96				
Xylenes	µg/l	42	3.73	<5.4	<275	1.86	76	66	39	<30	78	47	308	410	646	269	395 <sup>A-G1</sup>	39.5	<b>1400</b>	48	250	<b>3800</b>	59	<0.39	<0.39	10,000	1000				
<b>In Situ Measurements:</b>																															
Dissolved Oxygen	mg/L	4.10	0.20	0.10	0.20	NA	NA	0.31	NA	0.59	NA	NA	0.19	0.88	0.44	0.24	0.19	0.23	0.44							0.50	NA	NA	**	**	
Redox	mV	126.6	17.8	2.1	260.9	NA	NA	48.5	NA	97.2	NA	NA	88.3	116.4	94.6	64.1	-39.4	NA	-72.0							-62.0	NA	NA	**	**	
pH	none	7.3	7.9	7.8	8.1	NA	NA	7.0	NA	7.0	NA	NA	7.0	7.0	7.0	7.0	7.0	NA	7.0							7.0	NA	NA	**	**	
Conductivity	µS	1761	1689	1815	1447	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA								NA	NA	NA	**	**
Ferrous Iron	mg/L	0.0	0.2	1.4	0.6	NA	NA	2.2	NA	2.2	NA	NA	3.0	0.0	0.0	0.8	6.0	3.0	3.4							3.0	NA	NA	**	**	
Temperature	C	11.9	14.8	12.5	12.0	NA	NA	12.8	NA	12.9	NA	NA	10.2	10.7	11.5	14.2	10.7	NA	12.3								12.9	NA	NA	**	**

Notes:

A-01 One or more of the CCC recoveries were above the method specified acceptance criteria, however, the recovery of this analyte in the check standard is within 20% of its known value.

J Results reported between Method Detection Limit and Limit of Quantitation are less certain than results at or above the LOC.

G14 The recovery of this analyte in the check standard is above the method specified acceptance criteria.

G20 This analyte was initially analyzed within holdtime; however, reanalysis at a dilution was performed outside the method specified holdtime.

G28 The recovery of this Calibration Check Compound (CCC) in the check standard is above the method specified acceptance criteria.

Results at MW-1, MW-4, MW-5, and MW-14 during the 2/21/2002 sampling contained at "D" on the laboratory analytical report, indicating a dilution

µg/l = micrograms per liter (equivalent to parts per billion)  
 mg/l = milligrams per liter (equivalent to parts per million)  
 ng/l = Nanograms per liter  
 mV = millivolts  
 S.U. = standard pH unit  
 Degree C = Degree Celsius  
 NA = Not Analyzed      \*\* = No Standard

NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard  
 NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit

Exceedances: **BOX** = concentration exceeds Chapter NR 140 PAL  
 = concentration exceeds Chapter NR 140 ES

Table 2  
Groundwater Quality Results - BTEX and Detects Only  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272

ANALYTE	Date	MW-11																	Chapter NR 140				
		07/16/89	04/24/00	05/24/01	08/22/01	11/15/01	05/09/02	11/13/02	03/10/04	06/01/04	08/25/04	12/19/05	03/31/06	07/28/06	11/09/06	04/03/07	08/28/07	05/05/08	11/26/08	ES	PAL		
<b>Petroleum Volatile Organic Compounds</b>																							
Benzene	µg/l	<b>5200</b>	NA	<b>3900</b>	<b>3700</b>	<b>870</b>	<b>2700</b>	<b>530</b>	<b>460</b>	<b>81.8</b>	<b>1540</b>	<b>596</b>	<b>100</b>	<b>270</b>	<b>740</b>	<b>190</b>	<b>160</b>	<b>41</b>	<b>21</b>	5.0	0.5		
Ethylbenzene	µg/l	<b>2500</b>	NA	<b>1200</b>	<b>1700</b>	<b>520</b>	<b>1200</b>	<b>530</b>	<b>584</b>	<b>273</b>	<b>915</b>	<b>2330</b>	<b>230</b>	<b>1100</b>	<b>890</b>	<b>510</b>	<b>1100</b>	<b>750</b>	<b>1200</b>	700	140		
Methyl Tert Butyl Ether	µg/l	<29	NA	<20	<500	<13	<67	<8.7	<19	<0.29	<2.9	<15.8	<4.6	<4.6	<4.6	<9.2	<9.2	<4.6	<2.3	60	12		
Naphthalene	µg/l	<b>570</b>	NA	<b>280</b>	<b>510</b>	<b>310</b>	<b>380</b>	<b>160</b>	<b>568</b>	<b>88.7</b>	<b>400</b>	<b>1120</b>	NA	NA	NA	NA	<b>300</b>	<b>180</b>	<b>290</b>	100	10		
Toluene	µg/l	<b>9800</b>	NA	<b>8600</b>	<b>8100</b>	<b>2600</b>	<b>7500</b>	<b>1600</b>	<b>1500</b>	<b>1000</b>	<b>7980</b>	<b>4320</b>	<b>770</b>	<b>3600</b>	<b>1800</b>	<b>2000</b>	<b>1400</b>	<b>1300</b>	<b>1200</b>	1,000	200		
1,2,4 Trimethylbenzene	µg/l	2000	NA	1300	2700	1400	1400	600	3570	583	1180	8230	1300	920	920	790	830	510	810	**	**		
1,3,5 Trimethylbenzene	µg/l	<38	NA	370	760	410	430	240	1270	293	443	2030	450	320	260	270	250	150	150	**	**		
Trimethylbenzene (Total)	µg/l	<b>2000</b>	NA	<b>1670</b>	<b>3460</b>	<b>1810</b>	<b>1830</b>	<b>840</b>	<b>4840</b>	<b>876</b>	<b>1623</b>	<b>8280</b>	<b>1750</b>	<b>1240</b>	<b>1180</b>	<b>1080</b>	<b>1080</b>	<b>660</b>	<b>960</b>	480	96		
Xylenes	µg/l	<b>9200</b>	NA	<b>6500</b>	<b>8900</b>	<b>2570</b>	<b>4100</b>	<b>1600</b>	<b>7940</b>	<b>1630</b>	<b>6870</b>	<b>9370</b>	<b>2300</b>	<b>4100</b>	<b>2700</b>	<b>2300</b>	<b>2300</b>	<b>2000</b>	<b>1700</b>	10,000	1000		
<b>In Situ Measurements:</b>																							
Dissolved Oxygen	mg/L	0.10	NA	NA	0.02	NA	NA	NA	0.16	0.15	0.17	0.17	0.32						0.37	NA	NA	**	**
Redox	mV	-23.5	188.4	NA	-67.8	NA	NA	NA	-136.2	-117.2	-54.0	NA	19						-83.0	NA	NA	**	**
pH	none	7.6	8.3	NA	7.0	NA	NA	NA	7.0	7.0	7.0	NA	7.0						7.0	NA	NA	**	**
Conductivity	µS	1083	753	NA						NA	NA	NA	**	**									
Ferrous Iron	mg/L	0.4	1.0	NA	4.8	NA	NA	NA	3.2	6.0	1.4	2.4	1.8						6.0	NA	NA	**	**
Temperature	C	12.0	NA	NA	12.2	NA	NA	NA	10.4	11.0	11.0	NA	11.5						12.2	NA	NA	**	**
<b>Notes:</b>																							
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Table 2  
Groundwater Quality Results - BTEX and Detects Only  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272

ANALYTE	Date	MW-12														Chapter NR 140		
		05/24/01	08/22/01	11/15/01	05/09/02	03/10/04	06/01/04	08/25/04	12/19/05	03/13/06	07/28/06	11/09/06	04/03/07	08/28/07	05/05/08	11/28/08	ES	PAL
<b>Volatile Organic Compounds</b>																		
Benzene	µg/l	<b>16000</b>	FP	FP	<b>4000</b>	<b>3660</b>	<b>2000</b>	<b>8250</b>	FP	<b>1000</b>	<b>2200</b>	<b>900</b>	<b>330</b>	<b>580</b>	<b>780</b>	<b>430</b>	5.0	0.5
Ethylbenzene	µg/l	<b>4100</b>	FP	FP	<b>2700</b>	<b>2100</b>	<b>2080</b>	<b>2730</b>	FP	<b>1900</b>	<b>750</b>	<b>1600</b>	<b>650</b>	<b>840</b>	<b>820</b>	<b>1100</b>	700	140
Methyl Tert Butyl Ether	µg/l	<50	FP	FP	<67	<19	<0.29	<29	FP	<230	<46	<23	<9.2	<b>25<sup>J</sup></b>	<9.2	<9.2	60	12
Naphthalene	µg/l	<b>1500</b>	FP	FP	<b>940</b>	<b>1170</b>	<8.0	<b>2410</b>	FP	NA	NA	NA	NA	<b>1100</b>	<b>640</b>	<b>770</b>	100	10
Toluene	µg/l	<b>35000</b>	FP	FP	<b>12000</b>	<b>20200</b>	<b>7700</b>	<b>23300</b>	FP	<b>8500</b>	<b>10000</b>	<b>7400</b>	<b>1400</b>	<b>2800</b>	<b>3400</b>	<b>2600</b>	1,000	200
1,2,4 Trimethylbenzene	µg/l	7900	FP	FP	3200	3670	3820	4180	FP	16000	4500	7800	2100	3200	1900	2400	**	**
1,3,5 Trimethylbenzene	µg/l	2300	FP	FP	830	931	1130	1150	FP	4900	1400	2400	490	880	580	710	**	**
Trimethylbenzene (Total)	µg/l	<b>10200</b>	FP	FP	<b>4030</b>	<b>4601</b>	<b>4950</b>	<b>5330</b>	FP	<b>20900</b>	<b>5900</b>	<b>10200</b>	<b>2590</b>	<b>4080</b>	<b>2480</b>	<b>3110</b>	480	96
Xylenes	µg/l	<b>24200</b>	FP	FP	<b>8400</b>	<b>28400</b>	<b>9470</b>	<b>16000</b>	FP	<b>23000</b>	<b>14000</b>	<b>16000</b>	<b>3800</b>	<b>6200</b>	<b>4000</b>	<b>3400</b>	10,000	1000
<b>In Situ Measurements:</b>																		
Dissolved Oxygen	mg/L	NA	0.02	FP	NA	0.15	0.17	0.17	FP	0.25				0.40	NA	NA	**	**
Redox	mV	NA	-70	FP	NA	-137.1	-112.0	-115.4	FP	-83.0				-92.0	NA	NA	**	**
pH	none	NA	7.0	FP	NA	7.0	7.0	7.0	FP	7.0				7.0	NA	NA	**	**
Conductivity	µS	NA	NA	FP	NA	NA	NA	NA	FP	NA				NA	NA	NA	**	**
Ferrous Iron	mg/L	NA	3.0	FP	NA	4.8	4.0	2.2	FP	3.4				6.4	NA	NA	**	**
Temperature	C	NA	12.3	FP	NA	9.8	10.7	11.4	FP	10.9				12.0	NA	NA	**	**

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µg/L = micrograms per liter (equivalent to parts per billion)  
 mg/L = milligrams per liter (equivalent to parts per million)  
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 Degree C = Degree Celsius  
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 NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard  
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Exceedances: **BOLD** = concentration exceeds Chapter NR 140 PAL  
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Table 2  
Groundwater Quality Results - BTEX and Detects Only  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272

ANALYTE	Date	MW-13																Chapter NR 140				
		05/24/01	08/22/01	11/15/01	05/09/02	03/10/04	08/01/04	08/25/04	11/17/04	02/18/05	12/19/05	03/31/06	07/28/06	11/09/06	04/03/07	08/28/07	05/05/08	11/26/08	ES	PAL		
<b>Volatle Organic Compounds</b>																						
Benzene	µg/l	<b>6200</b>	FP	FP	<b>2400</b>	<b>5040</b>	<b>1540</b>	<b>14600</b>	<b>2050</b>	<b>1520</b>	<b>1930</b>	<b>1100</b>	<b>4300</b>	<b>2400</b>	<b>1000</b>	<b>5200</b>	<b>640</b>	<b>2600</b>	5.0	0.5		
Ethylbenzene	µg/l	<b>490</b>	FP	FP	<b>1400</b>	<b>2600</b>	<b>1020</b>	<b>2690</b>	<b>749</b> <sup>G28</sup>	<b>1120</b> <sup>A-01</sup>	<b>1030</b>	<b>690</b>	<b>1100</b>	<b>1100</b>	<b>1200</b>	<b>1200</b>	<b>500</b>	<b>560</b>	700	140		
Methyl Tert Butyl Ether	µg/l	<20	FP	FP	<34	<19	<0.29	<29	<29	<4.05	<6.34	<9.2	<9.2	<9.2	<2.3	<b>40</b>	<2.3	<2.3	60	12		
Naphthalene	µg/l	<b>110</b>	FP	FP	<b>370</b>	<b>912</b>	<b>239</b>	<b>1640</b>	<b>337</b>	<b>401</b> <sup>A-01</sup>	<b>650</b>	NA	NA	NA	NA	<b>370</b>	<b>140</b>	<b>120</b>	100	10		
Toluene	µg/l	<b>7400</b>	FP	FP	114	<b>19300</b>	<b>3100</b>	<b>29000</b>	<b>4870</b>	<b>4850</b>	<b>7040</b>	<b>3000</b>	<b>7900</b>	<b>3100</b>	<b>2000</b>	<b>4700</b>	<b>1100</b>	<b>1800</b>	1,000	200		
1,2,4 Trimethylbenzene	µg/l	860	FP	FP	1600	2810	1050	2960	1450	2020	2250	970	1100	950	610	950	350	340	**	**		
1,3,5 Trimethylbenzene	µg/l	260	FP	FP	430	660	286	789	<500	568	621	280	290	260	170	250	92	99	**	**		
Trimethylbenzene (Total)	µg/l	<b>1120</b>	FP	FP	<b>2030</b>	<b>3270</b>	<b>1336</b>	<b>3749</b>	<b>1450</b>	<b>2598</b>	<b>2871</b>	<b>1250</b>	<b>1390</b>	<b>1210</b>	<b>780</b>	<b>1200</b>	<b>442</b>	<b>439</b>	480	96		
Xylenes	µg/l	<b>3470</b>	FP	FP	<b>4400</b>	<b>12900</b>	<b>4170</b>	<b>14300</b>	<b>6440</b>	<b>6700</b>	<b>6380</b>	<b>3200</b>	<b>6300</b>	<b>4600</b>	<b>2000</b>	<b>5200</b>	<b>1500</b>	<b>1300</b>	10,000	1000		
<b>In Situ Measurements:</b>																						
Dissolved Oxygen	mg/L	NA	0.02	FP	NA	0.17	0.17	0.14	0.14	0.16	0.17	0.30						0.36	NA	NA	**	**
Redox	mV	NA	-37.4	FP	NA	-139.9	-127.6	-117.6	-164.2	-71.2	NA	-74.0						-83.0	NA	NA	**	**
pH	none	NA	7.0	FP	NA	7.0	7.0	7.0	7.0	7.0	NA	7.0						7.0	NA	NA	**	**
Conductivity	µS	NA	NA	FP	NA	NA	NA	NA	NA	NA	NA	NA						NA	NA	NA	**	**
Ferrous Iron	mg/L	NA	1.6	FP	NA	4.8	3.8	3.0	4.0	3.0	2.6	3.2						5.0	NA	NA	**	**
Temperatura	C	NA	11.8	FP	NA	10.0	10.7	11.4	13.7	11.0	NA	11.0						11.5	NA	NA	**	**
<b>Notes:</b>																						
<p>A-01 One or more of the CCC recoveries were above the method specified acceptance criteria, however, the recovery of this analyte in the check standard is within 20% of its known value.</p> <p>J Results reported between Method Detection Limit and Limit of Quantitation are less certain than results at or above the LOQ.</p> <p>G14 The recovery of this analyte in the check standard is above the method specified acceptance criteria.</p> <p>G20 This analyte was initially analyzed within holdtime; however, reanalysis at a dilution was performed outside the method specified holdtime.</p> <p>G28 The recovery of this Calibration Check Compound (CCC) in the check standard is above the method specified acceptance criteria.</p> <p>Results at MW-1, MW-4, MW-5, and MW-14 during the 2/21/2002 sampling contained a "D" on the laboratory analytical report, indicating a dilution</p> <p>µg/L = micrograms per liter (equivalent to parts per billion)</p> <p>mg/L = milligrams per liter (equivalent to parts per million)</p> <p>ng/L = Nanograms per liter</p> <p>mV = millivolts</p> <p>S.U. = standard pH unit</p> <p>Degree C = Degree Celsius</p> <p>NA = Not Analyzed</p> <p>** = No Standard</p> <p>NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard</p> <p>NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit</p> <p>Exceedances: <b>BOLD</b> = concentration exceeds Chapter NR 140 PAL</p> <p><b>BOX</b> = concentration exceeds Chapter NR 140 ES</p>																						

**Table 2**  
**Groundwater Quality Results - BTEX and Detects Only**  
**Mercury Marine Plant 6**  
**Oshkosh, Wisconsin**  
**Project Reference #7272**

ANALYTE	Date	MW-14																				Chapter NR 140				
		07/16/99	04/24/00	11/14/00	05/24/01	08/22/01	11/15/01	02/21/02	05/09/02	11/13/02	03/10/04	06/01/04	08/25/04	11/17/04	02/18/05	12/19/05	03/31/06	07/28/06	11/09/06	04/03/07	08/29/07	05/05/08	11/26/08	ES	PAL	
<b>Petroleum Volatile Organic Compounds</b>																										
Benzene	µg/l	<b>2600</b>	<b>125</b>	<b>442</b>	<b>560</b>	<b>170</b>	<b>65</b>	<b>330</b>	<b>35</b>	<b>85</b>	<b>223</b>	<b>36.8</b>	<b>47.6</b>	<b>185</b>	<b>84.3</b>	<b>19.8</b>	<b>6.8</b>	<b>4.8</b>	<b>3.2</b>	<b>1.3</b>	<b>0.79<sup>d</sup></b>	<b>1.5</b>	<0.25	5.0	0.5	
Ethylbenzene	µg/l	<b>880</b>	6.88	65.6	120	<b>150</b>	<2.1	100	2.7	19	134	42.6	66.8	69.5 <sup>G28</sup>	27 <sup>A-01</sup>	<5.0	0.28	3.2	<0.22	<0.22	<0.22	<0.22	<0.22	700	140	
Methyl Tert Butyl Ether	µg/l	<14	<3.0	<1.4	<2.0	<100	<3.4	<100	<0.67	<0.87	<9.52	<0.29	<1.45	<0.29	<0.405	<0.317	<0.23	<0.23	<0.23	<3.4 <sup>RL1</sup>	<6.9 <sup>RL3</sup>	<4.0 <sup>RL3</sup>	<0.23	60	12	
Naphthalene	µg/l	<b>190</b>	<8.0	<b>39.2</b>	<b>27</b>	<b>240</b>	<2.9	<100	<0.59	1.1	<b>37</b>	<b>27.7</b>	<b>45.5</b>	<8.0	<8.0 <sup>A-01</sup>	<8.0	NA	NA	NA	NA	<0.5	<0.5	<0.5	100	10	
Toluene	µg/l	<b>1600</b>	52.4	12.6	26	38	<2.3	<b>270</b>	0.56	5.0	135	13	12	76.5	15.9 <sup>A-01</sup>	<5.0	0.31	0.36	<0.14	<0.11	<0.11	<0.11	0.35	1,000	200	
1,2,4 Trimethylbenzene	µg/l	<b>960</b>	9.9	87.3	110	1100	4.5	200	6.1	18	366	161	297	120	44.6 <sup>G14</sup>	<5.00	<0.25	0.35 <sup>j</sup>	<0.25	<0.25	<0.25	<0.25	<0.25	**	**	
1,3,5 Trimethylbenzene	µg/l	<19	5.77	38.2	46	310	3.5	72	3.9	2.7	137	72.6	123	49.7	9.61 <sup>G14</sup>	6.04	<0.19	0.23 <sup>j</sup>	<0.19	<0.19	<0.19	<0.19	<0.19	**	**	
Trimethylbenzene (Total)	µg/l	<b>960</b>	15.67	<b>125.5</b>	<b>156</b>	<b>1410</b>	8.0	<b>272</b>	10	20.7	<b>503</b>	<b>233.6</b>	<b>420</b>	<b>169.7</b>	54.21	<11.04	<0.25	0.58	<0.25	<0.44	<0.25	<0.25	<0.25	480	96	
Xylenes	µg/l	<b>2840</b>	36.1	73.36	126.5	860	<9.7	540	3.9	23.8	483	123	247	332	70.4 <sup>A-01</sup>	15.2	0.97	4.0	0.69 <sup>j</sup>	<0.39	<0.39	<0.39	<0.39	10,000	1000	
<b>In Situ Measurements:</b>																										
Dissolved Oxygen	mg/L	0.10	NA	NA	NA	0.02	NA	0.15	NA	NA	0.17	0.18	0.17	0.14	0.19	0.17	0.49					0.39	NA	NA	**	**
Redox	mV	-13.2	NA	NA	NA	-23.6	NA	61.4	NA	NA	-39.4	-106.6	-94.0	-153	-47.5	NA	-46.0					26.0	NA	NA	**	**
pH	none	7.7	NA	NA	NA	7.0	NA	7.0	NA	NA	7.0	7.0	7.0	7.0	7.0	NA	7.0					7.0	NA	NA	**	**
Conductivity	µS	938	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA					NA	NA	NA	**	**
Ferrous Iron	mg/L	0.2	NA	NA	NA	5.4	NA	3.4	NA	NA	3.2	3.2	1.0	4.0	4.0	4.2	2.8					2.2	NA	NA	**	**
Temperature	C	11.8	NA	NA	NA	12.1	NA	12.6	NA	NA	10.4	10.2	11.1	13.0	10.2	NA	11.5					11.9	NA	NA	**	**

Notes:

- A-01 One or more of the CCC recoveries were above the method specified acceptance criteria, however, the recovery of this analyte in the check standard is within 20% of its known value.
- J Results reported between Method Detection Limit and Limit of Quantitation are less certain than results at or above the LOD.
- G14 The recovery of this analyte in the check standard is above the method specified acceptance criteria.
- G20 This analyte was initially analyzed within holdtime; however, reanalysis at a dilution was performed outside the method specified holdtime.
- G28 The recovery of this Calibration Check Compound (CCC) in the check standard is above the method specified acceptance criteria.
- RL1 The reporting limit was raised due to sample matrix effects.
- RL3 Reporting limit raised due to high concentrations of non-target analytes.

Results at MW-1, MW-4, MW-5, and MW-14 during the 2/21/2002 sampling contained at "D" on the laboratory analytical report, indicating a dilution

µg/L = micrograms per liter (equivalent to parts per billion)  
mg/L = milligrams per liter (equivalent to parts per million)  
ng/L = Nanograms per liter  
mV = millivolts  
S.U. = standard pH unit  
Degree C = Degree Celsius  
NA = Not Analyzed      \*\* = No Standard

NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard  
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit

Exceedances: **BOLD** = concentration exceeds Chapter NR 140 PAL  
**BOX** = concentration exceeds Chapter NR 140 ES

**Table 3  
Groundwater Elevations  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272**

Monitoring Well Identification	Ground Surface Elevation (feet MSL)	Top of Casing Elevation (feet MSL)	Depth to Product (feet from TOC)	Product Thickness (feet)	Depth to Groundwater (feet from TOC)	Corrected Depth to Groundwater (feet from TOC)	Groundwater Elevation (feet MSL)	Amount of Product Removed (gallons)	Date				
MW-2**	768.02	767.57			18.70	18.70	748.87		07/09/98*				
					21.64	21.64	745.93		08/25/98*				
			20.04	1.90	21.94	20.57	747.00		11/10/98				
			20.09	1.79	21.88	20.59	746.98		3.00	12/22/98			
			19.99	1.76	21.75	20.48	747.09			12/28/98			
			20.13	1.61	21.74	20.58	746.99		1.50	01/07/99			
			20.29	2.12	22.41	20.88	746.69		1.25	01/20/99			
			20.27	2.03	22.3	20.84	746.73		1.00	01/25/99			
			20.09	2.01	22.1	20.65	746.92		1.00	02/03/99			
			20.02	1.58	21.6	20.46	747.11		1.00	02/09/99			
							17.76	17.76	749.81		07/12/99		
							17.85	17.85	749.72		0.00	07/16/99	
							17.91	17.91	749.66		1.00	08/06/99	
							18.85	0.10	18.95	18.88	748.69	0.00	09/08/99
							19.51	1.65	21.16	19.97	747.60	0.25	10/12/99
							19.96	1.03	20.99	20.25	747.32	1.00	04/17/00
									16.05	16.05	751.52		05/24/01
									19.05	19.05	748.52		08/22/01
						19.98	1.00	20.98	20.26	747.31	0.00	11/15/01	
								18.93	18.93	748.64		03/10/04	
								15.49	15.49	752.08		06/01/04	
								18.87	18.87	748.70		08/25/04	
								21.25	21.25	746.32		11/17/04	
								19.76	19.76	747.81		02/18/05	
								19.87	19.87	747.70		03/04/05	
								23.23	23.23	748.85		03/31/06	
								24.16	24.16	747.92		07/28/06	
								25.53	25.53	746.55		11/09/06	
								24.17	24.17	747.91		04/03/07	
								25.11	25.11	746.97		08/28/07	
								21.39	21.39	750.69		04/14/08	
								20.40	20.40	751.68		05/05/08	
					25.23	25.23	746.85		11/26/08				
MW-3	768.35	767.84			18.97	18.97	748.87		07/09/98				
					20.35	20.35	747.49		08/25/98				
					20.75	20.75	747.09		11/10/98				
					20.69	20.69	747.15		12/28/98				
					18.02	18.02	749.82		07/16/99				
					20.34	20.34	747.50		04/24/00				
					19.12	19.12	748.72		11/14/00				
					16.60	16.60	751.24		05/24/01				
					19.60	19.60	748.24		08/22/01				
					20.47	20.47	747.37		11/15/01				
					20.65	20.65	747.19		02/21/02				
					16.82	16.82	751.02		05/09/02				
					20.01	20.01	747.83		11/13/02				
					19.53	19.53	748.31		03/10/04				
					16.07	16.07	751.77		06/01/04				
					19.42	19.42	748.42		08/25/04				
					21.27	21.27	746.57		11/17/04				
					20.41	20.41	747.43		02/18/05				
					20.35	20.35	747.49		03/04/05				
					19.16	19.16	748.68		03/31/06				
					19.94	19.94	747.90		07/28/06				
					21.53	21.53	746.31		11/09/06				
					19.97	19.97	747.87		04/03/07				
		20.87	20.87	746.97		08/28/07							
		17.16	17.16	750.68		04/14/08							
		16.06	16.06	751.78		05/05/08							
				20.97	20.97	746.87		11/26/08					

**Table 3  
Groundwater Elevations  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272**

Monitoring Well Identification	Ground Surface Elevation (feet MSL)	Top of Casing Elevation (feet MSL)	Depth to Product (feet from TOC)	Product Thickness (feet)	Depth to Groundwater (feet from TOC)	Corrected Depth to Groundwater (feet from TOC)	Groundwater Elevation (feet MSL)	Amount of Product Removed (gallons)	Date
MW-5	766.9	766.4			17.67	17.67	748.73		07/09/98
					19.04	19.04	747.36		08/25/98
					19.35	19.35	747.05		11/10/98
					19.28	19.28	747.12		12/28/98
					16.81	16.81	749.59		07/16/99
					18.90	18.90	747.50		04/24/00
					17.78	17.78	748.62		11/14/00
					15.39	15.39	751.01		05/24/01
					18.33	18.33	748.07		08/22/01
					19.17	19.17	747.23		11/15/01
					19.26	19.26	747.14		02/21/02
					16.08	16.08	750.32		05/09/02
					18.77	18.77	747.63		11/13/02
					18.13	18.13	748.27		03/10/04
					14.70	14.70	751.70		06/01/04
					18.23	18.23	748.17		08/25/04
					19.96	19.96	746.44		11/17/04
					19.05	19.05	747.35		02/18/05
					17.80	17.80	747.60		03/31/06
					18.71	18.71	747.69		07/28/06
					20.17	20.17	746.23		11/09/06
					18.46	18.46	747.94		04/03/07
					19.49	19.49	746.91		08/28/07
		15.77	15.77	750.63		04/14/08			
		14.85	14.85	751.55		05/05/08			
		19.64	19.64	746.76		11/26/08			
MW-11	768.17	767.78			17.95	17.95	749.83		07/12/99
					18.03	18.03	749.75		07/16/99
					18.08	18.08	749.70		08/06/99
			19.02	0.18	19.20	19.07	748.71	0.00	09/08/99
			19.9	0.39	20.29	20.01	747.77	0.00	10/12/99
			20.28	0.14	20.42	20.32	747.46	0.25	04/17/00
					16.13	16.13	751.65		05/24/01
					19.17	19.17	748.61		08/22/01
					20.02	20.02	747.76		11/15/01
					16.90	16.90	750.88		05/09/02
					19.64	19.64	748.14		11/13/02
					19.03	19.03	748.75		03/10/04
				15.55	15.55	752.23		06/01/04	
				18.93	18.93	748.85		08/25/04	
				20.80	20.80	746.98		11/17/04	
			771.03	22.22	22.22	748.81		03/31/06	
				21.91	21.91	749.12		07/28/06	
				NM	NM	-		11/09/06	
				22.98	22.98	748.05		04/03/07	
				24.03	24.03	747.00		08/28/07	
				20.27	20.27	750.76		04/14/08	
				19.26	19.26	751.77		05/05/08	
				24.14	24.14	746.89		11/26/08	

Table 3  
Groundwater Elevations  
Mercury Marine Plant 6  
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Monitoring Well Identification	Ground Surface Elevation (feet MSL)	Top of Casing Elevation (feet MSL)	Depth to Product (feet from TOC)	Product Thickness (feet)	Depth to Groundwater (feet from TOC)	Corrected Depth to Groundwater (feet from TOC)	Groundwater Elevation (feet MSL)	Amount of Product Removed (gallons)	Date		
MW-12 **	768.05	767.19	17.34	0.14	17.48	17.38	749.81	0.00	07/12/99		
					17.81	17.81	749.38		07/16/99		
					17.84	17.84	749.35		08/06/99		
			18.25	1.23	19.48	18.59	748.60	0.00	09/08/99		
					19.16	19.57	747.62	0.25	10/12/99		
					19.53	20.69	747.34	1.00	04/17/00		
					16.02	16.02	751.17		05/24/01		
					19.05	19.05	748.14		08/22/01		
					20.39	0.5	20.89	20.53	746.66	0.00	11/15/01
							16.78	16.78	750.41		05/09/02
							20.02	20.02	747.17		11/13/02
					772.44		18.87	18.87	748.32		03/10/04
							15.43	15.43	751.76		06/01/04
			18.84	18.84			748.35		08/25/04		
			21.30	21.30			745.89		11/17/04		
			23.66	23.66			748.78		03/31/06		
			23.40	23.40			749.04		07/28/06		
			25.24	25.24			747.20		11/09/06		
			24.35	24.35	748.09		04/03/07				
			25.46	25.46	746.98		08/28/07				
			21.70	21.70	750.74		04/14/08				
			20.73	20.73	751.71		05/05/08				
			25.57	25.57	746.87		11/26/08				
MW-13**	767.69	767.32			17.54	17.54	749.78		07/12/99		
					17.73	17.73	749.59		07/16/99		
					17.98	17.98	749.34		08/06/99		
			18.47	0.91	19.38	18.72	748.60	0.00	09/08/99		
					19.67	20.89	747.31	0.75	04/17/00		
			19.59	0.90	15.75	15.75	751.57		05/24/01		
					19.08	19.08	748.24		08/22/01		
					20.49	19.84	747.48	0.00	11/15/01		
					20.66	20.66	746.66		02/21/02		
					16.49	16.49	750.83		05/09/02		
					19.80	19.80	747.52		11/13/02		
					17.59	17.59	749.73		03/10/04		
					15.17	15.17	752.15		06/01/04		
					18.55	18.55	748.77		08/25/04		
					20.34	20.34	746.98		11/17/04		
			19.42	19.42	747.90		02/18/05				
			20.10	20.10	747.22		03/04/05				
			769.01		20.28	20.28	748.73		03/31/06		
					18.95	18.95	750.06		07/28/06		
					20.39	20.39	748.62		11/09/06		
					18.97	18.97	750.04		04/03/07		
					19.89	19.89	747.43		08/28/07		
					16.18	16.18	751.14		04/14/08		
17.16	17.16	750.16				05/05/08					
20.03	20.03	747.29		11/26/08							
767.32		17.54	17.54	749.78		07/12/99					
		17.73	17.73	749.59		07/16/99					
		17.98	17.98	749.34		08/06/99					
		18.47	18.72	748.60	0.00	09/08/99					
		19.67	20.89	747.31	0.75	04/17/00					
		15.75	15.75	751.57		05/24/01					
		19.08	19.08	748.24		08/22/01					
		20.49	19.84	747.48	0.00	11/15/01					
		20.66	20.66	746.66		02/21/02					
		16.49	16.49	750.83		05/09/02					
19.80	19.80	747.52		11/13/02							
17.59	17.59	749.73		03/10/04							
15.17	15.17	752.15		06/01/04							
18.55	18.55	748.77		08/25/04							
20.34	20.34	746.98		11/17/04							
19.42	19.42	747.90		02/18/05							
20.10	20.10	747.22		03/04/05							
20.28	20.28	748.73		03/31/06							
18.95	18.95	750.06		07/28/06							
20.39	20.39	748.62		11/09/06							
18.97	18.97	750.04		04/03/07							
19.89	19.89	747.43		08/28/07							
16.18	16.18	751.14		04/14/08							
17.16	17.16	750.16		05/05/08							
20.03	20.03	747.29		11/26/08							

**Table 3  
Groundwater Elevations  
Mercury Marine Plant 6  
Oshkosh, Wisconsin  
Project Reference #7272**

Monitoring Well Identification	Ground Surface Elevation (feet MSL)	Top of Casing Elevation (feet MSL)	Depth to Product (feet from TOC)	Product Thickness (feet)	Depth to Groundwater (feet from TOC)	Corrected Depth to Groundwater (feet from TOC)	Groundwater Elevation (feet MSL)	Amount of Product Removed (gallons)	Date
MW-14	768.38	767.96			18.13	18.13	749.83		07/12/99
					18.21	18.21	749.75		07/16/99
					18.28	18.28	749.68		08/06/99
					20.40	20.40	747.56		04/24/00
					19.25	19.25	748.71		11/14/00
					16.78	16.78	751.18		05/24/01
					19.75	19.75	748.21		08/22/01
					20.63	20.63	747.33		11/15/01
					21.73	21.73	746.23		02/21/02
					17.53	17.53	750.43		05/09/02
					20.25	20.25	747.71		11/13/02
					19.05	19.05	748.91		03/10/04
					16.23	16.23	751.73		06/01/04
					19.58	19.58	748.38		08/25/04
					21.40	21.40	746.56		11/17/04
					20.53	20.53	747.43		02/18/05
					20.49	20.49	747.47		03/04/05
					21.21	21.21	748.73		03/31/06
				20.08	20.08	749.86		07/28/06	
				21.42	21.42	748.52		11/09/06	
				20.06	20.06	749.88		04/03/07	
		20.99	20.99	746.97		08/28/07			
		17.27	17.27	750.69		04/14/08			
		16.21	16.21	751.75		05/05/08			
		769.94			21.10	21.10	746.86		11/26/08
		767.96							

Notes:

feet MSL = feet above Mean Sea Level  
feet from TOC = feet below top of casing  
NM = Not measured

\* = Elevations do not account for free-phase product in well.  
\*\* = Groundwater elevations reported for MW-2 account for product thickness.