## GIS REGISTRY INFORMATION

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **SITE NAME:** | HG Weber (former Kiel Oil Bulk Plant) | | | | | | |
| **BRRTS #:** | 02-36-530919 | **FID # (**if appropriate**):** | | | | | |
| **COMMERCE # (**if appropriate**):** | | | | | | | |
| **CLOSURE DATE:** | 01/02/2007 | | | | | | |
| **STREET ADDRESS:** | 730 Fremont St | | | | | | |
| **CITY:** | Kiel | | | | | | |
| **SOURCE PROPERTY GPS COORDINATES** (meters in WTM91 projection)**:** | **X=** | 677242 | **Y=** | 384130 | | | |
| **CONTAMINATED MEDIA:** | Groundwater | | Soil | | Both | x | |
| **OFF-SOURCE GW CONTAMINATION >ES:** | | **Yes** | | **No** | | | |
| **IF YES, STREET ADDRESS 1:** | | | | | | | |
| **GPS COORDINATES** (meters in WTM91 projection)**:** | **X=** | | **Y=** | | | | |
| **OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL):** | | **Yes** | | **No** | | | |
| **IF YES, STREET ADDRESS 1:** | Canadian National Railway | | | | | | |
| **GPS COORDINATES** (meters in WTM91 projection)**:** | **X=** | 677247 | **Y=** | 384145 | | | |
| **CONTAMINATION IN RIGHT OF WAY:** | x | **Yes** | | **No** | | | |

**DOCUMENTS NEEDED:**

| | |
|---|---|
| **Closure Letter, and any conditional closure letter or denial letter issued** | x |
| **Copy of any maintenance plan referenced in the final closure letter.** | na |
| **Copy of (soil or land use) deed notice *if any required as a condition of closure*** | na |
| **Copy of most recent deed, including legal description, for all affected properties** | x |
| **Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties** | x |
| **County Parcel ID number, *if used for county*, for all affected properties** | x |
| **Location Map** which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site. | x |
| **Detailed Site Map(s) for all affected properties,** showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs. | x |
| **Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)** | x |
| **Tables of Latest Soil Analytical Results (no shading or cross-hatching)** | x |
| **Isoconcentration map(s), *if required for site investigation (SI) (***8.5x14" if paper copy*)*. The isoconcentration map should have flow direction and extent of groundwater contamination defined. **If not available, include the latest extent of contaminant plume map.** | na |
| **GW: Table of water level elevations, with sampling dates, and free product noted if present** | x |
| **GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)** | x |
| **SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour** | x |
| **Geologic cross-sections, *if required for SI.*** (8.5x14' if paper copy**)** | x |
| **RP certified statement that legal descriptions are complete and accurate** | x |
| **Copies of off-source notification letters (if applicable)** | x |
| **Letter informing ROW owner of residual contamination (if applicable**)(public, highway or railroad ROW) | x |

WISCONSIN
DEPT. OF NATURAL RESOURCES

**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

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

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

January 2, 2007

John Schmitt
HG Weber and Company
725 Fremont Street
Kiel, WI 53042

SUBJECT: Final Case Closure with Land Use Limitations or Conditions
HG Weber Property (Formerly Kiel Oil Bulk Plant), 730 Fremont Street, WI
WDNR BRRTS Activity #: 02-36-530919

Dear Mr. Schmitt:

On August 21, 2006, 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 August 25, 2006, the Closure Committee granted conditional closure to this case and described the additional conditions necessary for closure. On November 27, 2006, Bob Mottl of STS Consultants submitted the following information on your behalf:

- Forms 3300-005 verifying the proper abandonment of monitoring wells MW-6, MW-7 and MW-8
- Disposal documentation of 1 drum of purge water and 1 drum of investigative soil at Waste Management's Menomonee Falls Landfill

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

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which the current property owner 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.

Residual soil contamination remains at **soil sampling locations B-1, B-2, B-4, B-5, and MW-6** 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, 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.

The most recent soil samples that were collected on this property, which were collected on June 1, 2005 and October 22, 2004, contained **lead** in concentrations that exceeded NR 720.11, Table 2, Wis. Adm. Code, soil standards. Therefore, pursuant to s. 292.12(2)(c), Wis. Stats., the property described above may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted, to determine the degree and extent of lead contamination that remains on the property, and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

In addition, depending on site-specific conditions, construction over contaminated materials may result in vapor migration into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare and the environment at the site.

**Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites due to the presence of ethyl benzene, naphthalene, trimethylbenzene and xylene in soil at boring locations B-1, B-2, B-4 and B-5 and MW-6 and benzene in groundwater at monitoring well MW-6.** Information that was submitted with your closure request application will be included on the GIS Registry. To review the sites on the GIS Registry web page, visit http://dnr.wi.gov/org/aw/rr/gis/index.htm. If your property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4)(w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line http://www.dnr.state.wi.us/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

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.

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 Annette Weissbach at 920-662-6165

Sincerely,

Bruce Urben
Northeast Region Remediation & Redevelopment Team Supervisor

cc: Bob Mottl – STS Consultants, 1935 Kepler Dr., Green Bay 54311
Michael Lodoha – Damasareta Investments, LLC, 1332 S. 26th Street, Manitowoc 54220

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Northeast Region Headquarters
2984 Shawano Ave., P.O. Box 10448
Green Bay, Wisconsin 54307-0448
Telephone 920-662-5100
FAX 920-662-5413
TTY Access via relay - 711

August 25, 2006

John Schmitt
HG Weber and Company
725 Fremont Street
Kiel, WI 53042

Subject: Conditional Closure Decision With Requirements to Achieve Final Closure
HG Weber Property (former Kiel Oil Bulk Plant), 730 Fremont Street, Kiel WI
WDNR BRRTS Activity # 02-36-530919

Dear Mr Schmitt:

On August 21, 2006, the Northeast Region Closure Committee reviewed your request for closure of the case described above. The NER Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the petroleum contamination on the site from the former Kiel Oil Bulk Plant and more specifically the loading rack area, appears to have been investigated and remediated to the extent practicable under site conditions. However, you and the property owner, should be aware that residual contamination is being left that will have to be properly handled and/or disposed of, if moved or excavated. The final closure letter will provide more details on the specifics of this and associated land use controls.

The Department has received copies of Right-of-way Residual Petroleum Contaminant Notifications dated May 2, 2006, prepared by STS Consultants on your behalf to the City of Kiel, Canadian National Railway, and Damasareta Investments, the current owner of the property (via a letter to Attorney Michael Ludoha).

Your case has been investigated and evaluated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions listed below are satisfied:

**MONITORING WELL ABANDONMENT**

Monitoring wells MW-6, MW-7, and MW-8 at the site must be properly abandoned in compliance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to me on Form 3300-5B found at www.dnr.state.wi.us/org/water/dwg/gw/ or provided by the Department of Natural Resources.

Monitoring wells MW4 and MW5 were installed as part of the investigation at the adjacent former Stoelting property. The Department hereby requests that these wells not be abandoned and be available for future monitoring. I have spoken with the consultant for the property owner

of the Stoelting property, Mr. Michael Frede of King Development. Mr. Frede will be contacting Damasareta Investments for continued access to these wells and will be responsible for their maintenance and eventual abandonment.

**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.

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 http://maps.dnr.state.wi.us/brrts.

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

Please be aware that 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 920-662-5165.

Sincerely,

Annette Weissbach
Hydrogeologist
Remediation & Redevelopment Program

Enclosure

cc: Bob Mottl – STS Consultants, 1935 Kepler Dr., Green Bay 54311
Michael Lodoha – Damasareta Investments, LLC, 1332 S. 26th Street, Manitowoc 54220

981005

VOL 2048 PG 521

Document Number

STATE BAR OF WISCONSIN FORM 1 - 2000

# WARRANTY DEED

**This Deed,** made between **H.G. Weber and Company, Inc.** Grantor, and **Damasareta Investments, LLC** Grantee.

Grantor, for a valuable consideration, conveys to Grantee the following described real estate in **Manitowoc** County, State of Wisconsin (the "Property"):

**Lots Twelve (12), Thirteen (13), Fourteen (14), Fifteen (15) and Sixteen (16), Block Twelve (12) of Hilbert and Smith's Addition, City of Kiel, Manitowoc County, Wisconsin according to the recorded Plat of said Addition, together with the vacated streets between Lots 12, 13 and 16, Block 12, said property being described as follows: The alley lying and being between Lots 12 and 13, Block 12, Hilbert and Smith's Addition, City of Kiel, which alley runs Southwesterly a distance of 59.7 feet from the right of way of the Chicago, Milwaukee, St. Paul and Pacific Railroad Company and between the two lots herein mentioned and an unnamed alley 33 feet in width located in Block 12 of Hilbert and Smith's Addition, City of Kiel and more particularly described as follows: Commencing at the North line of Fremont Street between Lot 12 and 16 of said Block 12, thence Northwesterly and Westerly between said Lot 16 on the West and Lots 12, 13, and 14 of said Block 12 on the East to the most Westerly point of said alley which is its intersection with the East line of Eighth Street.**

STATE OF WI - MTWC CO
PRESTON JONES REG/DEEDS
RECEIVED FOR RECORD
01/05/2005 10:28:12 AM

Recording Area

Name and Return Address

MICHAEL A. LODUHA
1332 S. 26TH STREET
MANITOWOC WI 54220

11 + 669.90ck

**51-690-012-012.00**
Parcel Identification Number (PIN)

This **is not** homestead property.
(is) (is not)

RECEIVED
MAY - 3 2006
STS CONSULTANTS
GREEN BAY WI

W-7

TRANSFER
$ 669.90
FEE

Together with all appurtenant rights, title and interests.

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except **recorded building and use restrictions, easements and covenants of record, and general taxes levied in the year of closing.**

Dated this **29th** day of **December, 2004**.

* _____

* _____

* **H.G. WEBER AND COMPANY, INC.**

* **John J. Schmitt, Treasurer**

**AUTHENTICATION**

Signature(s) John J. Schmitt Treasurer of H.G. Weber and Company, Inc.

authenticated this 29th day of December, 2004

Jodi L. Arndt

* Jodi L. Arndt

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
**Jodi L. Arndt**
**Liebmann, Conway, Olejniczak & Jerry, S.C.**

(Signatures may be authenticated or acknowledged. Both are not necessary.)

**ACKNOWLEDGMENT**

STATE OF **WISCONSIN** )
) ss.
_____ County )

Personally came before me this **29th** day of **December**, **2004** the above named **John J. Schmitt, Treasurer of H.G. Weber and Company, Inc.**

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

* _____

Notary Public, State of **Wisconsin**
My Commission is permanent. (If not, state expiration date: _____.)

* Names of persons signing in any capacity must be typed or printed below their signature.

Document #: 386915

Document Number

STATE BAR OF WISCONSIN FORM 1 - 2000

# WARRANTY DEED

Register of Deeds
Calumet County, WI

Received for Record
Date: 1/04/05 14:45
Tr Fee: 35.25 Code:
Ellen Brogan

RECEIVED
MAY -4 2006
STS CONSULTANTS
GREEN BAY WI

Recording Area

**This Deed,** made between H.G. Weber and Company, Inc., a Wisconsin Corporation Grantor, and Damasareta Investments, LLC Grantee.

Grantor, for a valuable consideration, conveys to Grantee the following described real estate in Calumet County, State of Wisconsin (the "Property") (if more space is needed, please attach addendum):

**Outlot One (1), the North 35 feet of Outlot Two (2), the North 230 feet of Outlot Three (3) and the North 35 feet of Outlot Four (4), all in Assessor's Plat of the Northeast Quarter of the Southeast Quarter (NE 1/4 of SE 1/4), Section Twenty-five (25), Township Seventeen (17) North, Range Twenty (20) East, City of Kiel, Calumet County, Wisconsin.**

Name and Return Address
Damasareta Investments, LLC
1332 S. 26th St
Manitowoc, WI 54220

Together with all appurtenant rights, title and interests.

241-0160-00L0100-000-0-172025-00-410A and
241-0160-00L0300-000-0-172025-00-410B
Parcel Identification Number (PIN)

This is not homestead property
(is) (is not)

Grantor warrants that the title to the Property is good, indefeasible in fee simple and free and clear of encumbrances except **recorded building and use restrictions, easements and covenants of record, and general taxes levied in the year of closing.**

Dated this 29th day of December, 2004.

* _____

* _____

* H.G. WEBER AND COMPANY, INC.

* John J. Schmitt, Treasurer

**AUTHENTICATION**

Signature(s) John J. Schmitt

authenticated this 29th day of December, 2004

Jodi L Arndt

Jodi L. Arndt

TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, _____
authorized by §706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Jodi L. Arndt
Liebmann, Conway, Olejniczak & Jerry, S.C.

(Signatures may be authenticated or acknowledged. Both are not necessary.)

**ACKNOWLEDGMENT**

STATE OF WISCONSIN )
) ss.
_____ County )

Personally came before me this 29th day of December, 2004 the above named John J. Schmitt, Treasurer of H.G. Weber and Company, Inc.

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

* _____
Notary Public, State of Wisconsin
My Commission is permanent. (If not, state expiration date: _____, _____.)

* Names of persons signing in any capacity must be typed or printed below their signature.

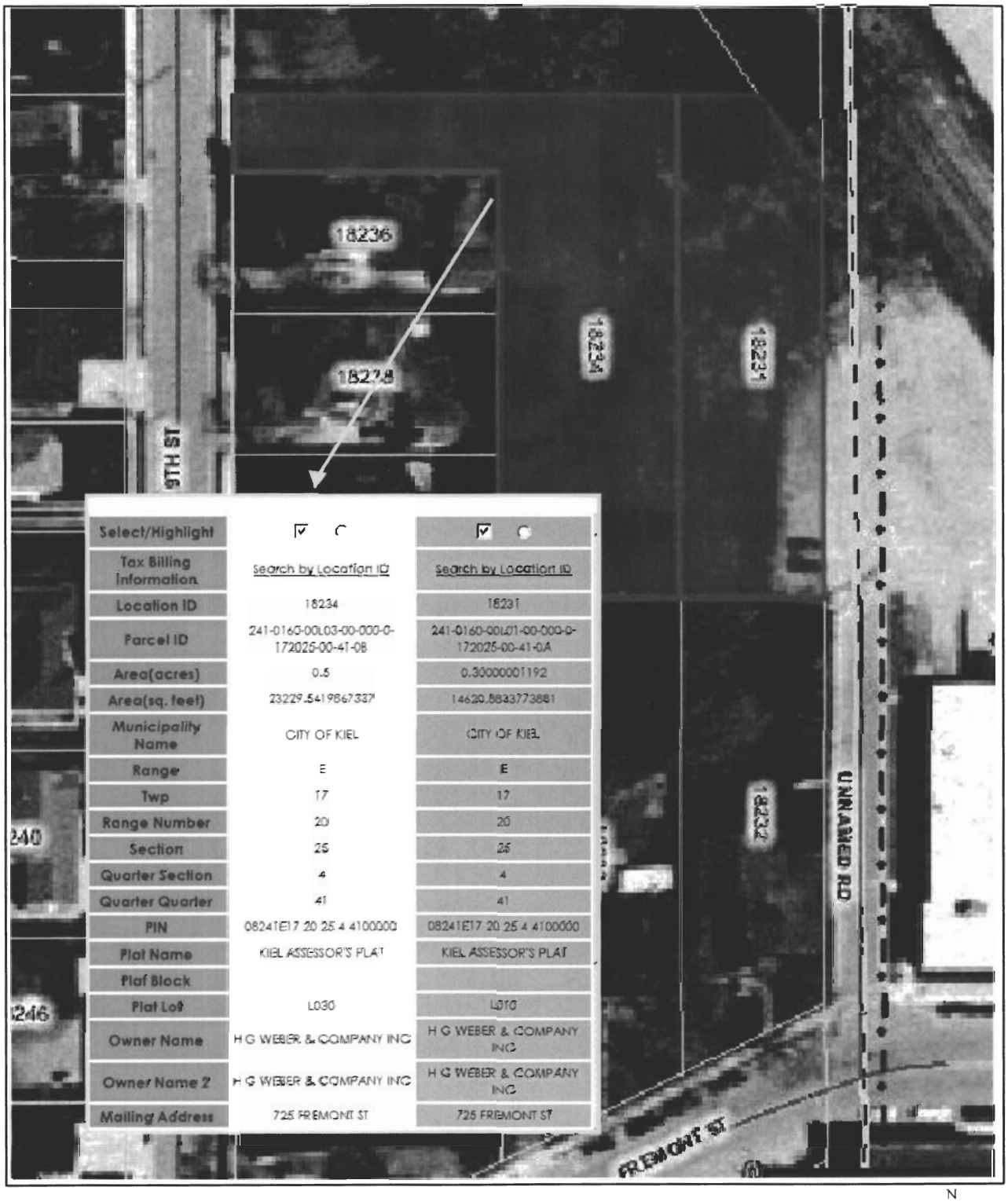

Kiel Parcels and 2005 Aerial Photography - acquired from Manitowoc County Internet Mapping Service (04-27-06)

STS Consultants, Ltd.
STS Consultants, Ltd.
Consulting Engineers
1035 Kepler Drive
Green Bay, WI 54311
920.468.1978

**Parcel Map and Aerial Image**
**Manitowoc County Web Mapping Service**

**City of Kiel, Wisconsin**

| | | |
|---|---|---|
| DESIGNED BY | JJK | 04/27/06 |
| DRAWN BY | JJK | 04/27/06 |
| APPROVED BY | RJM | 04/27/06 |
| | | |
| STS PROJECT NO. X428765W | FIGURE NO. 6 | |




| Select/Highlight | ☑ ☐ | ☑ ☐ |
|---|---|---|
| Tax Billing Information | Search by Location ID | Search by Location ID |
| Location ID | 18234 | 18231 |
| Parcel ID | 241-0160-0L03-00-000-0-172025-00-41-0B | 241-0160-0L01-00-000-0-172025-00-41-0A |
| Area(acres) | 0.5 | 0.30000001192 |
| Area(sq. feet) | 23229.541986737 | 14620.5833773881 |
| Municipality Name | CITY OF KIEL | CITY OF KIEL |
| Range | E | E |
| Twp | 17 | 17 |
| Range Number | 20 | 20 |
| Section | 25 | 25 |
| Quarter Section | 4 | 4 |
| Quarter Quarter | 41 | 41 |
| PIN | 08241E17 20 25 4 4100000 | 08241E17 20 25 4 4100000 |
| Plat Name | KIEL ASSESSOR'S PLAT | KIEL ASSESSOR'S PLAT |
| Plat Block | | |
| Plat Lot | L030 | L010 |
| Owner Name | H G WEBER & COMPANY INC | H G WEBER & COMPANY INC |
| Owner Name 2 | H G WEBER & COMPANY INC | H G WEBER & COMPANY INC |
| Mailing Address | 725 FREMONT ST | 725 FREMONT ST |

N

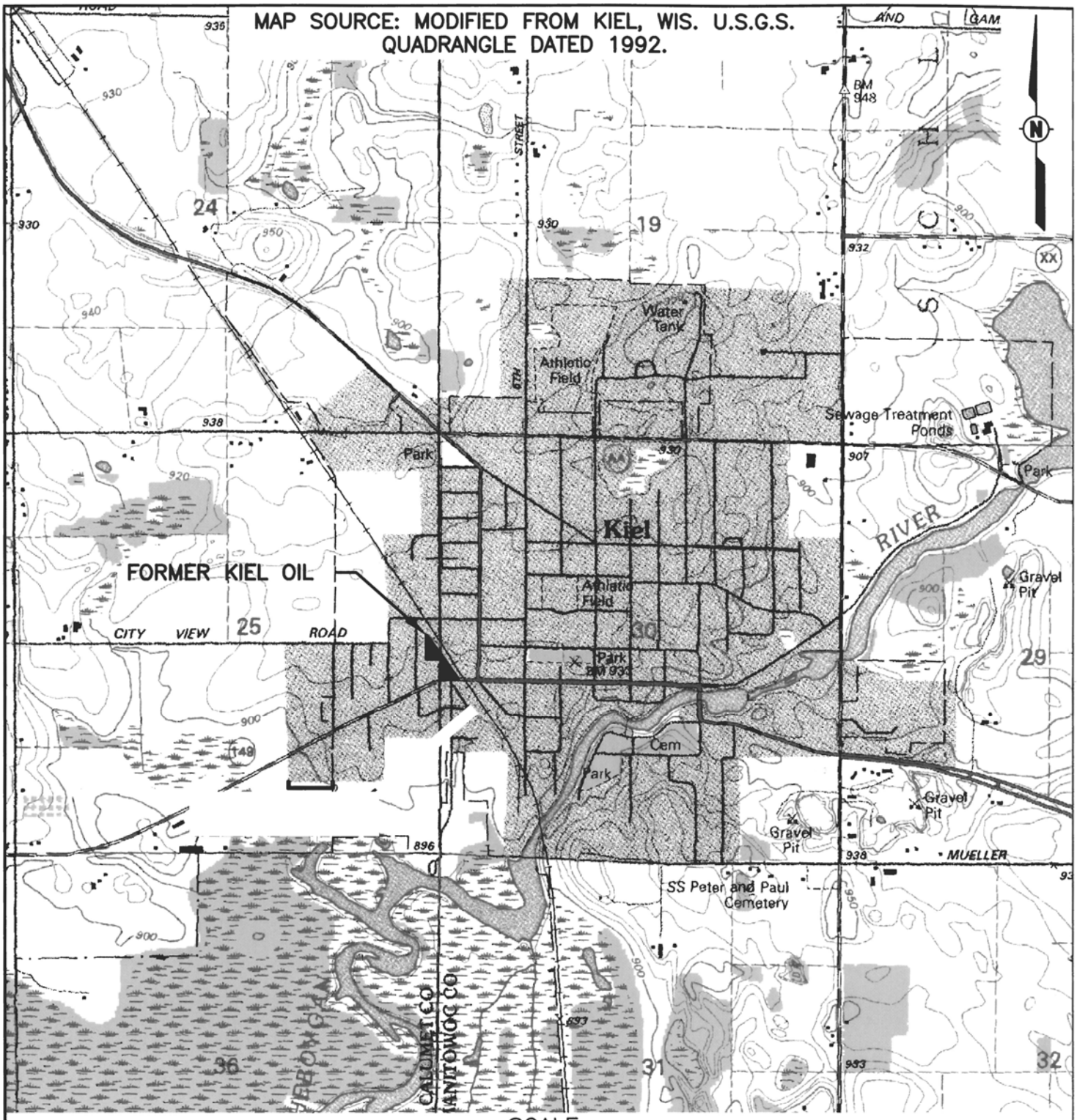
Kiel Parcels and 2001 Aerial Photography - acquired from Calumet County Internet Mapping Service (04-27-06)

STS Consultants, Ltd.
STS Consultants, Ltd.
Consulting Engineers
1035 Kepler Drive
Green Bay, WI 54311
920.468.1978

# Parcel Map and Aerial Image
# Calumet County Web Mapping Service

## City of Kiel, Wisconsin

| | | |
|---|---|---|
| DESIGNED BY | JJK | 04/27/06 |
| DRAWN BY | JJK | 04/27/06 |
| APPROVED BY | RJM | 04/27/06 |
| STS PROJECT NO. X428765W | FIGURE NO. 7 | |




SCALE

1 0 1 MILE

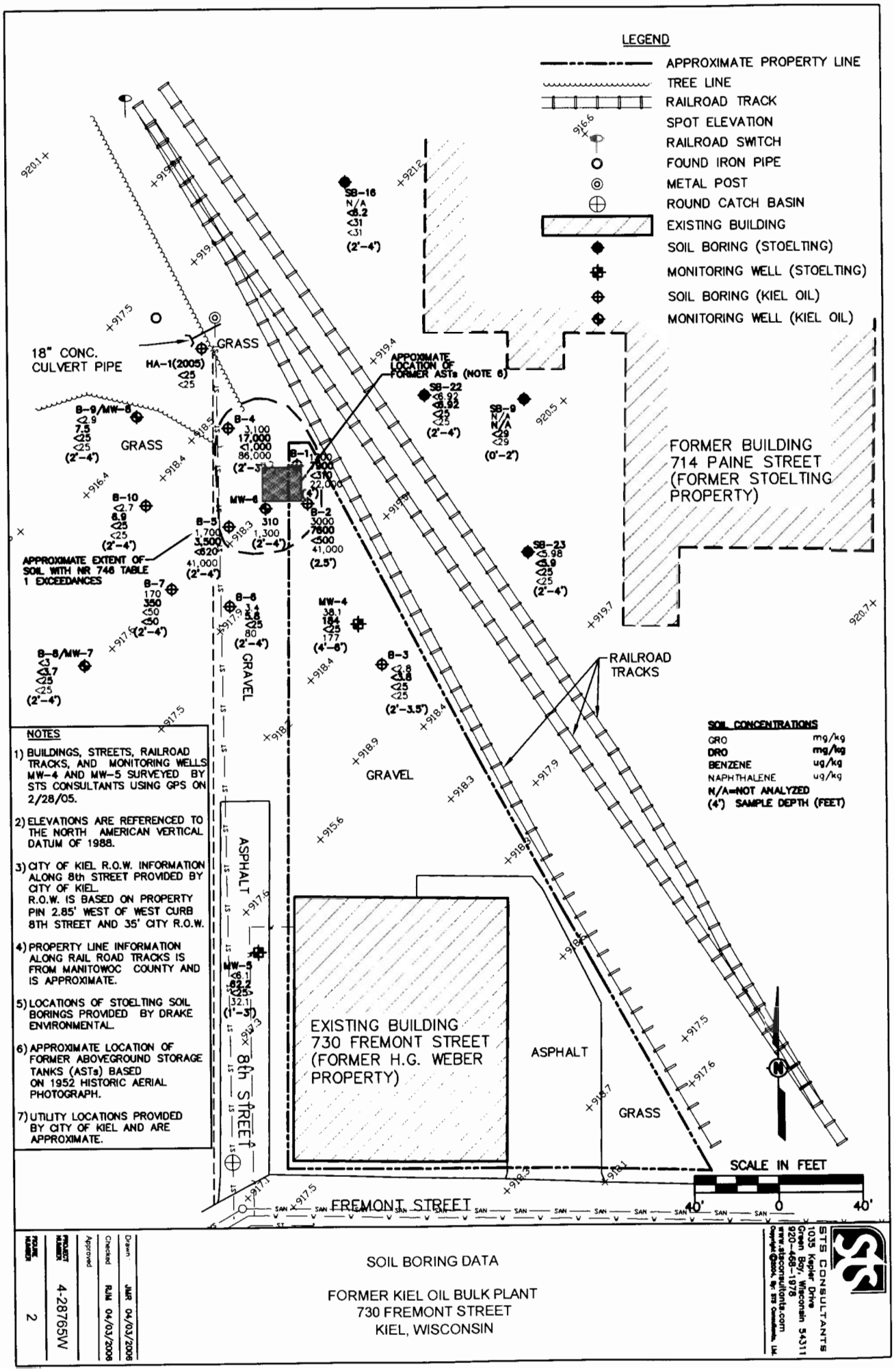
1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com


# SITE LOCATION MAP
# FORMER KIEL OIL
# 730 FREMONT STREET
# KIEL, WISCONSIN

| | | |
|---|---|---|
| Drawn : | JMR | 10/11/2004 |
| Checked: | RJM | 10/11/2004 |
| Approved: | RJM | 10/11/2004 |
| PROJECT NUMBER | 28765W | |
| FIGURE NUMBER | 1 | |




SOIL BORING DATA

FORMER KIEL OIL BULK PLANT
730 FREMONT STREET
KIEL, WISCONSIN

| | |
|---|---|
| FIGURE NUMBER | 2 |
| PROJECT NUMBER | 4-28765W |
| Approved | |
| Checked | RJM 04/03/2006 |
| Drawn | JMR 04/03/2006 |

STS CONSULTANTS
1035 Kepler Drive
Green Bay, Wisconsin 54311
920-468-1978
www.stsconsultants.com



X:\PROJECTS\428765Wdwg\G430023EA_SOIL_BORING_Data_Fig2.dwg, 40_SCALE, 5/4/2006 10:30:02 AM, mleziva

**Table 2a**
**Groundwater Field Parameters**
**Former Kiel Oil Bulk Plant**
**Kiel, Wisconsin**

| Monitoring Well | Date Sampled | Ground Surface Elevation MSL [1] | Well Screen Interval Elevation MSL [2] | TPVC Elevation MSL [1] (feet) | Water Level TPVC (feet) | Water Elevation MSL* (feet) | Dissolved Oxygen (mg/L) (Post Purge) | Ferrous Iron (mg/L) Post Purge | pH (Stan. Units) | Color | Odor | Turbidity |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MW-4 | 3/8/04 | 918.5 | 915.5 - 905.5 | 918.28 | 0.20 | 918.08 | -- | -- | -- | -- | -- | -- |
| | 10/21/05 | 918.5 | 915.5 - 905.5 | 918.28 | 4.20 | 914.08 | 1 | <0.1 | 6.41 | Light Brown | Slight Organic | Slight |
| | 11/4/05 | 918.5 | 915.5 - 905.5 | 918.28 | 4.18 | 914.10 | -- | -- | -- | -- | -- | -- |
| | 3/29/06 | 918.5 | 915.5 - 905.5 | 918.28 | 1.65 | 916.63 | 1 | 2 | -- | Clear | Slight | Low |
| MW-5 | 10/21/05 | 917.9 | 914.9 - 904.5 | 917.60 | 6.84 | 910.76 | -- | -- | -- | Light Brown | None | Slight |
| | 11/4/05 | 917.9 | 914.9 - 904.5 | 917.60 | 6.78 | 910.82 | -- | -- | -- | -- | -- | -- |
| | 3/29/06 | 917.9 | 914.9 - 904.5 | 917.60 | 4.97 | 912.63 | 5.0 | 0.1 | -- | Clear | None | Low |
| MW-6 | 10/21/05 | 918.0 | 914.5 - 904.5 | 917.96 | 5.31 | 912.65 | 3 | <0.1 | 6.92 | Light Brown | None | Slight |
| | 11/4/05 | 918.0 | 914.5 - 904.5 | 917.96 | 5.05 | 912.91 | -- | -- | -- | -- | -- | -- |
| | 3/29/06 | 918.0 | 914.5 - 904.5 | 917.96 | 2.18 | 915.78 | 1.0 | 2.0 | -- | Clear | Slight | Low |
| | 6/28/06 | 918.0 | 914.5 - 904.5 | 917.96 | 3.71 | 914.25 | -- | -- | -- | Clear | Slight | Low |
| MW-7 | 10/21/05 | 917.2 | 913.7 - 903.7 | 917.16 | 6.37 | 910.79 | 1 | 1 | 6.54 | Light Brown | None | Slight |
| | 11/4/05 | 917.2 | 913.7 - 903.7 | 917.16 | 6.20 | 910.96 | -- | -- | -- | -- | -- | -- |
| | 3/29/06 | 917.2 | 913.7 - 903.7 | 917.16 | 1.63 | 915.53 | 4.0 | 0.1 | -- | Clear | None | Low |
| MW-8 | 10/21/05 | 917.7 | 914.2 - 904.2 | 917.69 | 5.03 | 912.66 | 2 | 0.6 | 6.58 | Clear | None | None |
| | 11/4/05 | 917.7 | 914.2 - 904.2 | 917.69 | 4.29 | 913.40 | -- | -- | -- | -- | -- | -- |
| | 3/29/06 | 917.7 | 914.2 - 904.2 | 917.69 | 1.36 | 916.33 | <1 | 0.1 | -- | Clear | None | Low |

Notes:

1 = STS surveyed Ground Surface and top of PVC Well elevations on 10/21/2005.

2 = Well construction info for wells MW-4 & MW-5 obtained from Drake Environmental Inc. information from a Stoelting SI Report and faxed to STS by WDNR on 10/21/05.

MSL = Mean Sea Level.

mg/L = milligrams per liter

TPVC = Top of PVC

Table 2b
Groundwater Analytical Results - VOCs
Former Kiel Oil Bulk Plant Site
730 Fremont Street
Kiel, Wisconsin

| | | MW-4 | | | | | | MW-5 | | | MW-6 | | | MW-7 | | MW-8 | | NR 140 ES | NR 140 PAL |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 10/8/03 | 11/25/03 | 3/8/04 | 10/21/05 | 10/21/05 (dup) | 3/29/06 | 11/25/03 | 10/21/05 | 3/29/06 | 10/21/05 | 3/29/06 | 6/28/06 | 10/21/05 | 3/29/06 | 10/21/05 | 3/29/06 | (ug/L) | (ug/L) |
| *VOCs* | | | | | | | | | | | | | | | | | | | |
| Benzene | (ug/l) | <0.5 | 0.646 | <0.41 | <0.14 | <0.14 | <0.41 | <0.5 | <0.14 | <0.41 | 6.6 | 10 | 1.1 | <0.14 | <0.41 | <0.14 | <0.41 | 5 | 0.5 |
| Bromobenzene | (ug/l) | <0.5 | <10 | <0.82 | NA | NA | <0.82 | <0.5 | NA | <0.82 | NA | <0.82 | NA | NA | <0.82 | NA | <0.82 | -- | -- |
| Bromodichloromethane | (ug/l) | <0.5 | <10 | <0.56 | NA | NA | <0.97 | <0.5 | NA | <0.97 | NA | <0.97 | NA | NA | <0.97 | NA | <0.97 | 0.6 | 0.06 |
| Bromoform | (ug/l) | NA | NA | <0.94 | NA | NA | <0.94 | NA | NA | <0.94 | NA | <0.94 | NA | NA | <0.94 | NA | <0.94 | 4.4 | 0.44 |
| Bromomethane | (ug/l) | NA | NA | <0.91 | NA | NA | <0.91 | NA | NA | <0.91 | NA | <0.91 | NA | NA | <0.91 | NA | <0.91 | 10 | 1 |
| n-Butylbenzene | (ug/l) | 0.884 | 16.2 | <0.93 | NA | NA | <0.93 | 1.73 | NA | <0.93 | NA | <0.93 | NA | NA | <0.93 | NA | <0.93 | -- | -- |
| sec-Butylbenzene | (ug/l) | 2.13 | 12 | <0.89 | NA | NA | <0.89 | 0.875 | NA | <0.89 | NA | <0.89 | NA | NA | <0.89 | NA | <0.89 | -- | -- |
| tert-Butylbenzene | (ug/l) | 0.661 | <10 | <0.97 | NA | NA | <0.97 | <0.5 | NA | <0.97 | NA | <0.97 | NA | NA | <0.97 | NA | <0.97 | -- | -- |
| Carbon Tetrachloride | (ug/l) | <0.5 | <10 | <0.49 | NA | NA | <0.49 | <0.5 | NA | <0.49 | NA | <0.49 | NA | NA | <0.49 | NA | <0.49 | 5 | 0.5 |
| Chlorobenzene | (ug/l) | <0.5 | <10 | <0.41 | NA | NA | <0.41 | <0.5 | NA | <0.41 | NA | <0.41 | NA | NA | <0.41 | NA | <0.41 | -- | -- |
| Chloroethane | (ug/l) | <0.5 | <10 | <0.97 | NA | NA | <0.97 | <0.5 | NA | <0.97 | NA | <0.97 | NA | NA | <0.97 | NA | <0.97 | 400 | 80 |
| Chloroform | (ug/l) | <0.14 | <2.8 | <0.37 | NA | NA | <0.37 | <0.14 | NA | <0.37 | NA | <0.37 | NA | NA | <0.37 | NA | <0.37 | 6 | 0.6 |
| Chloromethane | (ug/l) | <0.6 | <12 | <0.24 | NA | NA | <0.24 | <0.6 | NA | <0.24 | NA | <0.24 | NA | NA | <0.24 | NA | <0.24 | 3 | 0.3 |
| 2-Chlorotoluene | (ug/l) | <0.5 | <10 | <0.85 | NA | NA | <0.85 | <0.5 | NA | <0.85 | NA | <0.85 | NA | NA | <0.85 | NA | <0.85 | -- | -- |
| 4-Chlorotoluene | (ug/l) | <0.5 | <10 | <0.74 | NA | NA | <0.74 | <0.5 | NA | <0.74 | NA | <0.74 | NA | NA | <0.74 | NA | <0.74 | -- | -- |
| Dibromochloromethane | (ug/l) | <0.5 | <10 | <0.81 | NA | NA | <0.81 | <0.5 | NA | <0.81 | NA | <0.81 | NA | NA | <0.81 | NA | <0.81 | 60 | 6 |
| 1,2-Dibromo-3-Chloropropane | (ug/l) | <0.39 | <7.8 | <0.87 | NA | NA | <0.87 | <0.39 | NA | <0.87 | NA | <0.87 | NA | NA | <0.87 | NA | <0.87 | 0.2 | 0.02 |
| 1,2-Dibromoethane | (ug/l) | <0.38 | <7.6 | <0.56 | NA | NA | <0.56 | <0.38 | NA | <0.56 | NA | <0.56 | NA | NA | <0.56 | NA | <0.56 | 0.05 | 0.005 |
| 1,2-Dichlorobenzene | (ug/l) | <0.5 | <10 | <0.83 | NA | NA | <0.83 | <0.5 | NA | <0.83 | NA | <0.83 | NA | NA | <0.83 | NA | <0.83 | 600 | 60 |
| 1,3-Dichlorobenzene | (ug/l) | <0.5 | <10 | <0.87 | NA | NA | <0.87 | <0.5 | NA | <0.87 | NA | <0.87 | NA | NA | <0.87 | NA | <0.87 | 1250 | 125 |
| 1,4-Dichlorobenzene | (ug/l) | <0.5 | <10 | <0.95 | NA | NA | <0.95 | <0.5 | NA | <0.95 | NA | <0.95 | NA | NA | <0.95 | NA | <0.95 | 75 | 15 |
| Dichlorodifluoromethane | (ug/l) | <0.5 | <10 | <0.99 | NA | NA | <0.99 | <0.5 | NA | <0.99 | NA | <0.99 | NA | NA | <0.99 | NA | <0.99 | 1000 | 200 |
| 1,1-Dichloroethane | (ug/l) | <0.5 | <10 | <0.75 | NA | NA | <0.75 | <0.5 | NA | <0.75 | NA | <0.75 | NA | NA | <0.75 | NA | <0.75 | 850 | 85 |
| 1,2-Dichloroethane | (ug/l) | <0.5 | <10 | <0.36 | NA | NA | <0.36 | <0.5 | NA | <0.36 | NA | <0.36 | NA | NA | <0.36 | NA | <0.36 | 5 | 0.5 |
| 1,1-Dichloroethene | (ug/l) | <0.5 | <10 | <0.57 | NA | NA | <0.57 | <0.5 | NA | <0.57 | NA | <0.57 | NA | NA | <0.57 | NA | <0.57 | 7 | 0.7 |
| cis 1,2-Dichloroethene | (ug/l) | 2.61 | 5.51 | 2.5 | NA | NA | 1.1 | <0.5 | NA | <0.83 | NA | <0.83 | NA | NA | <0.83 | NA | <0.83 | 70 | 7 |
| trans 1,2-Dichloroethene | (ug/l) | <0.5 | <10 | <0.89 | NA | NA | <0.89 | <0.5 | NA | <0.89 | NA | <0.89 | NA | NA | <0.89 | NA | <0.89 | 100 | 20 |
| 1,2-Dichloropropane | (ug/l) | <0.5 | <10 | <0.46 | NA | NA | <0.46 | <0.5 | NA | <0.46 | NA | <0.46 | NA | NA | <0.46 | NA | <0.46 | 5 | 0.5 |
| 1,3-Dichloropropane | (ug/l) | <0.5 | <10 | <0.61 | NA | NA | <0.61 | <0.5 | NA | <0.61 | NA | <0.61 | NA | NA | <0.61 | NA | <0.61 | -- | -- |
| 2,2-Dichloropropane | (ug/l) | <0.5 | <10 | <0.62 | NA | NA | <0.62 | <0.5 | NA | <0.62 | NA | <0.62 | NA | NA | <0.62 | NA | <0.62 | -- | -- |
| Ethylbenzene | (ug/l) | <0.5 | <10 | 0.6 | <0.40 | <0.40 | <0.54 | 30.9 | <0.40 | <0.54 | 7.9 | 1.8 | 0.49 | <0.40 | <0.54 | <0.40 | <0.54 | 700 | 140 |
| Hexachlorobutadiene | (ug/l) | <5.0 | <100 | <0.67 | NA | NA | <0.67 | <5.0 | NA | <0.67 | NA | <0.67 | NA | NA | <0.67 | NA | <0.67 | -- | -- |
| Isopropylbenzene | (ug/l) | 1.44 | <10 | 4.5 | NA | NA | <0.59 | 2.22 | NA | <0.59 | NA | 1.1 | NA | NA | <0.59 | NA | <0.59 | -- | -- |
| p-Isopropyltoluene | (ug/l) | <0.5 | <10 | <0.67 | NA | NA | <0.67 | <0.5 | NA | <0.67 | NA | 0.97 | NA | NA | <0.67 | NA | <0.67 | -- | -- |
| Methylene Chloride | (ug/l) | <0.53 | <10.6 | <0.43 | NA | NA | <0.43 | <0.53 | NA | <0.43 | NA | <0.43 | NA | NA | <0.43 | NA | <0.43 | 5 | 0.5 |
| MTBE | (ug/l) | <0.5 | <10 | <0.61 | 1.5 | 1.4 | <0.61 | <0.5 | <0.36 | <0.61 | <0.36 | <0.61 | <0.36 | <0.36 | <0.61 | <0.36 | <0.61 | 60 | 12 |
| Naphthalene | (ug/l) | 2.64 | <40 | 2.7 | 0.5 | <0.47 | <0.74 | 2.1 | <0.47 | <0.74 | 18 | 4.5 | NA | <0.47 | <0.74 | <0.47 | <0.74 | 40 | 8 |
| n-Propylbenzene | (ug/l) | 0.563 | 13 | 6.8 | NA | NA | <0.81 | 4.62 | NA | <0.81 | NA | 1.0 | NA | NA | <0.81 | NA | <0.81 | -- | -- |
| 1,1,2,2-Tetrachloroethane | (ug/l) | <0.35 | <7.0 | <0.2 | NA | NA | <0.20 | <0.35 | NA | <0.20 | NA | <0.20 | NA | NA | <0.20 | NA | <0.20 | 0.2 | 0.02 |
| Tetrachloroethene | (ug/l) | <0.5 | <10 | <0.45 | NA | NA | <0.45 | <0.5 | NA | <0.45 | NA | <0.45 | NA | NA | <0.45 | NA | <0.45 | 5 | 0.5 |
| Toluene | (ug/l) | <0.5 | <10 | <0.67 | <0.36 | <0.36 | <0.67 | 0.915 | <0.36 | <0.67 | 1.0 | <0.67 | <0.36 | <0.36 | <0.67 | <0.36 | <0.67 | 1000 | 200 |
| 1,2,3-Trichlorobenzene | (ug/l) | <2.0 | <40 | <0.74 | NA | NA | <0.74 | <2.0 | NA | <0.74 | NA | <0.74 | NA | NA | <0.74 | NA | <0.74 | -- | -- |
| 1,2,4-Trichlorobenzene | (ug/l) | <2.0 | <40 | <0.97 | NA | NA | <0.97 | <2.0 | NA | <0.97 | NA | <0.97 | NA | NA | <0.97 | NA | <0.97 | 70 | 14 |
| 1,1,1-Trichloroethane | (ug/l) | <0.5 | <10 | <0.9 | NA | NA | <0.90 | <0.5 | NA | <0.90 | NA | <0.90 | NA | NA | <0.90 | NA | <0.90 | 200 | 40 |
| 1,1,2-Trichloroethane | (ug/l) | <0.16 | <3.2 | <0.42 | NA | NA | <0.42 | <0.16 | NA | <0.42 | NA | <0.42 | NA | NA | <0.42 | NA | <0.42 | 5 | 0.5 |
| Trichloroethene | (ug/l) | 5.49 | 8.56 | 5.5 | NA | NA | 0.92 | <0.5 | NA | <0.48 | NA | 1.5 | NA | NA | <0.48 | NA | <0.48 | 5 | 0.5 |
| Trichlorofluoromethane | (ug/l) | <0.5 | <10 | NA | NA | NA | NA | <0.5 | NA | NA | NA | NA | NA | NA | NA | NA | NA | -- | -- |
| Total Trimethylbenzene | (ug/l) | <2.0 | 55.1 | 38 | <0.79 | <0.79 | <1.8 | 31.69 | <0.79 | <1.8 | 31.0 | 7.3 | 2.56 | <0.79 | <1.8 | <0.79 | <1.8 | 480 | 96 |
| Vinyl Chloride | (ug/l) | 0.906 | <0.17 | 0.72 | NA | NA | <0.18 | <0.17 | NA | <0.18 | NA | <0.18 | NA | NA | <0.18 | NA | <0.18 | 0.2 | 0.02 |
| Xylenes | (ug/l) | 0.811 | 24.4 | <2.63 | 0.95 | <1.1 | <2.63 | 161 | <1.1 | <2.63 | 27 | 4.1 | <1.1 | <1.1 | <2.63 | <1.1 | <2.63 | 10,000 | 1,000 |
| Dissovled Lead | (ug/l) | NA | NA | <0.40 | NA | NA | NA | NA | NA | NA | 0.42 | NA | NA | 0.53 | NA | 0.91 | NA | 15 | 1.5 |
| Sampled by | | Drake | Drake | STS | STS | STS | STS | Drake | STS | STS | STS | STS | STS | STS | STS | STS | STS | -- | -- |
| Laboratory | | Great Lakes Analytical | | EnChem/Pace | Pace | Pace | Pace | Great Lakes | Pace | Pace | Pace | Pace | Pace | Pace | Pace | Pace | Pace | -- | -- |
| EPA Analytical Method | | 8021 | 8021 | 8260 | 8021 | 8021 | 8260 | 8021 | 8021 | 8260 | 8021 | 8260 | 8021 | 8021 | 8260 | 8021 | 8260 | -- | -- |

ES = Chapter NR 140 Enforcement Standard
PAL = Chapter NR 140 Preventive Action Limit
**1.1** = NR 140 ES Exceedance
25 = NR 140 PAL Exceedance

Offsite Stoelting Inc.

Table 2c
Groundwater Analytical Results - PAHs
Former Kiel Oil Bulk Plant Site
730 Fremont Street
Kiel, Wisconsin

| | Sample No. | MW-4 | MW-5 | MW-6 | MW-7 | MW-8 | ES | PAL |
|---|---|---|---|---|---|---|---|---|
| | Sample Date | 3/29/06 | 3/29/06 | 3/29/06 | 3/29/06 | 3/29/06 | | |
| **PAH** | ***Units*** | | | | | | | |
| Acenaphthene | (µg/L) | 0.036 | <0.0082 | 0.044 | <0.0082 | <0.0083 | - | - |
| Acenaphthylene | (µg/L) | 0.021 | <0.0081 | <0.020 | <0.0081 | <0.0083 | - | - |
| Anthracene | (µg/L) | <0.012 | <0.012 | <0.029 | <0.012 | <0.012 | 3000 | 600 |
| Benzo(a)anthracene | (µg/L) | <0.016 | <0.016 | <0.039 | <0.016 | <0.016 | - | - |
| Benzo(a)Pyrene | (µg/L) | <0.019 | <0.018 | <0.046 | <0.018 | <0.019 | 0.2 | 0.02 |
| Benzo(b)Fluoranthene | (µg/L) | <0.016 | <0.016 | <0.039 | <0.016 | <0.016 | 0.2 | 0.02 |
| Benzo(ghi)Perylene | (µg/L) | <0.019 | <0.019 | <0.048 | <0.019 | <0.020 | - | - |
| Benzo(k)fluoranthene | (µg/L) | <0.020 | <0.019 | <0.048 | <0.019 | <0.020 | - | - |
| Chrysene | (µg/L) | <0.019 | <0.019 | <0.047 | <0.019 | <0.019 | 0.2 | 0.02 |
| Dibenzo(a,h)Anthracene | (µg/L) | <0.019 | <0.019 | <0.047 | <0.019 | <0.019 | - | - |
| Fluoranthene | (µg/L) | <0.016 | <0.015 | <0.039 | <0.015 | <0.016 | 400 | 80 |
| Fluorene | (µg/L) | 0.044 | <0.0091 | 0.052 | <0.0091 | <0.0092 | 400 | 80 |
| Indeno(1,2,3-cd)pyrene | (µg/L) | <0.019 | <0.019 | <0.047 | <0.019 | <0.019 | - | - |
| 1-Methyl Naphthalene | (µg/L) | 0.19 | <0.010 | 0.71 | <0.010 | <0.010 | - | - |
| 2-Methyl Naphthalene | (µg/L) | 0.018 | <0.011 | 0.12 | <0.011 | <0.011 | - | - |
| Naphthalene | (µg/L) | 0.097 | <0.012 | 0.59 | <0.012 | <0.013 | 40 | 8 |
| Phenanthrene | (µg/L) | <0.011 | <0.011 | <0.028 | <0.011 | <0.012 | - | - |
| Pyrene | (µg/L) | <0.015 | <0.015 | <0.036 | <0.015 | <0.015 | 250 | 50 |

Notes:
ES = Chapter NR 140 Enforcement Standard
PAL = Chapter NR 140 Preventive Action Limit

RECONSTRUCTION OF WELL 1 & 2



State of Wisconsin
Department of Natural Resources
Private Water Supply
Box 7921
Madison, Wisconsin 53707

NOTE:
White Copy – Division's Copy
Green Copy – Driller's Copy
Yellow Copy – Owner's Copy

# WELL CONSTRUCTOR'S REPORT

Form 3300-15 Rev. 5-85

JUL 30 1987

MN-19

1. COUNTY: MANITOWOC

CHECK (✓) ONE: ☐ Town ☐ Village ☒ City

Name: KIEL

2. LOCATION: ¼ Section or Gov't. Lot: NW, SW NW, SW | Section: 30 | Township: 17N | Range: 21E

OR – Grid or Street No.: 705A | Street or Road Name: WASHINGTON ST.

AND – If available subdivision name, lot & block No.:

3. NAME ☒ OWNER ☐ AGENT AT TIME OF DRILLING CHECK (✓) ONE: CITY OF KIEL

ADDRESS: P.O. Box 98

POST OFFICE: KIEL, WISCONSIN ZIP CODE: 53042

4. Distance in feet from well to nearest: (Record answer in appropriate block)

| Building | Sanitary Bldg. Drain | | Sanitary Bldg. Sewer | | Floor Drain Connected To: | | Storm Bldg. Drain | | Storm Bldg. Sewer | |
|---|---|---|---|---|---|---|---|---|---|---|
| EXISTING | C.I. | Other | C.I. | Other | C.I. Sewer | Other Sewer | C.I. | Other | C.I. | Other |
| WELL | | | | | | | | | | |

| Street Sewer | | Other Sewers | | Foundation Drain Connected to: | | | Sewage Sump | | Clearwater Sump | Septic Tank | Holding Tank | Sewage Absorption Unit | Manure Hopper or Retention or Pneumatic Tank |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| San. | Storm | C.I. | Other | Sewer | Sewage Sump | | C.I. | Other | | | | Seepage Pit | |
| | | | | Clearwater Or. | Clearwater Sump | | | | | | | Seepage Bed | |
| | | | | | | | | | | | | Seepage Trench | |

| Privy | Pet Waste Pit | Pit: Nonconforming Existing | Subsurface Pumproom Nonconforming Existing | Barn Gutter | Animal Barn Pen | Animal Yard | Silo With Pit | Glass Lined Storage Facility | Silo w/o Pit | Earthen Silage Storage Trench Or Pit | Earthen Manure Basin |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Well | | | | | | | | | |
| | | Pump | | | | | | | | | |
| | | Tank | | | | | | | | | |

| Temporary Manure Stack or Platform | Watertight Liquid Manure Tank or Basin | Manure Pressure Pipe | Subsurface Gasoline or Oil Tank | Waste Pond or Land Disposal Unit (Specify Type) | Manure Storage Basin / Concrete Floor Only / Concrete Floor and Partial Concrete Walls | Other (Describe) |
|---|---|---|---|---|---|---|
| | | | | | | DNR Permit Well No. 81653 |

5. Well is intended to supply water for: MUNICIPAL WATER SUPPLY

6. DRILLHOLE

| Dia. (in.) | From (ft.) | To (ft.) | Dia. (in.) | From (ft.) | To (ft.) |
|---|---|---|---|---|---|
| EST 13" | Surface | 90 | 8" | 305 | 377 |
| 10" | 90 | 305 | | | |

7. CASING, LINER, CURBING AND SCREEN
Material, Weight, Specification

| Dia. (in.) | Mfg. & Method of Assembly | From (ft.) | To (ft.) |
|---|---|---|---|
| 12" OUTER | EXISTING | Surface | 90' |
| 8" INNER | ASTM A53-B BEVELED ENDS 0.322" wall | Surface | 100' (3 feet beyond the 12" casing) |

Actually: Casing extends to 93 feet from previous basement pump discharge elevation. Casing extended 7' to terminate above first floor level for a total of 100'.

8. GROUT OR OTHER SEALING MATERIAL

| Kind | From (ft.) | To (ft.) |
|---|---|---|
| NEAT CEMENT | Surface | 100' |

9. FORMATIONS

| Kind | From (ft.) | To (ft.) |
|---|---|---|
| GLACIAL DRIFT | Surface | 45 |
| NIAGRA DOLOMITE | 45 | 377 |

10. TYPE OF DRILLING MACHINE USED

☐ Cable Tool ☐ Rotary-air w/drilling mud ☐ Rotary-w/drilling mud ☐ Rotary-hammer w/drilling mud & air ☐ Rotary-hammer & air ☐ Reverse Rotary ☐ Jetting with: ☐ Air ☐ Water

Well construction completed on: FEB 19 1987

11. MISCELLANEOUS DATA sp. cap. = 15.2 gpm/ft.

Yield Test: 8 Hrs. at 500 GPM

Depth from surface to normal water level: 25 Ft.

Depth of water level when pumping: 58 Ft. Stabilized ☒ Yes ☐ No

Well is terminated: 12 inches ☒ above ☐ below final grade

Well disinfected upon completion ☒ Yes ☐ No

Well sealed watertight upon completion ☒ Yes ☐ No

Water sample sent to: STATE LAB laboratory on: MAY 19 1987

Your opinion concerning other pollution hazards, information concerning difficulties encountered, and data relating to nearby wells, screens, seals, method of finishing the well, amount of cement used in grouting, blasting, etc., should be given on reverse side.

Signature: Scott A Cahak

cc: LMD SCS WELL LOG BOOK E-21506 Registered Well Driller

Business Name and Complete Mailing Address: MUNICIPAL WELL AND Pump INC. 1903 MAC ARTHUR RD WAUKESHA WIS

## ANALYTICAL RESULTS: GCMS 524.2 Safe Drinking Water Analysis - DNR Form



Customer: Kiel Waterworks NLS Project: 89497
Project Description: 2005 Drinking Waters
Project Title: Template: SAT3DNRS Printed: 06/17/2005 08:38

**Sample: 370721 Well #1 - VOC** Collected: 05/16/05 Analyzed: 05/18/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| BENZENE | ND | ug/L | 1 | 0.17 | 0.58 | 5 |
| CARBON TETRACHLORIDE | ND | ug/L | 1 | 0.22 | 0.74 | 5 |
| 1,2-DICHLOROBENZENE (O-) | ND | ug/L | 1 | 0.18 | 0.59 | 600 |
| 1,4-DICHLOROBENZENE (P-) | ND | ug/L | 1 | 0.17 | 0.58 | 75 |
| 1,2-DICHLOROETHANE | ND | ug/L | 1 | 0.19 | 0.64 | 5 |
| 1,1-DICHLOROETHYLENE | ND | ug/L | 1 | 0.19 | 0.63 | 7 |
| 1,2-DICHLOROETHYLENE CIS | ND | ug/L | 1 | 0.18 | 0.60 | 70 |
| 1,2-DICHLOROETHYLENE, TRA | ND | ug/L | 1 | 0.17 | 0.58 | 100 |
| DICHLOROMETHANE | ND | ug/L | 1 | 0.19 | 0.64 | 5 |
| 1,2-DICHLOROPROPANE | ND | ug/L | 1 | 0.17 | 0.56 | 5 |
| ETHYL BENZENE | ND | ug/L | 1 | 0.18 | 0.60 | 700 |
| CHLOROBENZENE | ND | ug/L | 1 | 0.19 | 0.62 | 100 |
| STYRENE | ND | ug/L | 1 | 0.17 | 0.55 | 100 |
| TETRACHLOROETHYLENE | ND | ug/L | 1 | 0.18 | 0.60 | 5 |
| TOLUENE | ND | ug/L | 1 | 0.17 | 0.56 | 1000 |
| 1,2,4-TRICHLOROBENZENE | ND | ug/L | 1 | 0.18 | 0.61 | 70 |
| 1,1,1-TRICHLOROETHANE | ND | ug/L | 1 | 0.17 | 0.57 | 200 |
| 1,1,2-TRICHLOROETHANE | ND | ug/L | 1 | 0.17 | 0.57 | 5 |
| TRICHLOROETHYLENE | ND | ug/L | 1 | 0.18 | 0.61 | 5 |
| VINYL CHLORIDE | ND | ug/L | 1 | 0.17 | 0.57 | .2 |
| XYLENE TOTAL | ND | ug/L | 1 | 0.54 | 1.8 | 10000 |
| 4-Bromofluorobenzene (SURR**) | 112% | | | | | |
| 1,2-Dichlorobenzene-d4 (SURR**) | 118% | | | | | |

** Surrogates are used to evaluate a method's Quality Control.

ANALYTICAL RESULTS: GCMS 525.2 Safe Drinking Water Analysis - DNR form

Customer: Kiel Waterworks NLS Project: 89497

Project Description: 2005 Drinking Waters

Project Title: Template: 525DNRSP Printed: 06/17/2005 08:38



Sample: 370723 Well #1 - SOC Collected: 05/16/05 Analyzed: 05/24/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| Alachlor (Lasso) | ND | ug/L | 1 | 0.10 | 0.30 | 2 |
| Atrazine | ND | ug/L | 1 | 0.10 | 0.30 | 3 |
| Di(2-ethylhexyl)adipate | ND | ug/L | 1 | 0.60 | 1.8 | 400 |
| Di(2-ethylhexyl)phthalate | ND | ug/L | 1 | 0.60 | 1.8 | 6 |
| Endrin | ND | ug/L | 1 | 0.11 | 0.35 | 2 |
| Heptachlor | ND | ug/L | 1 | 0.055 | 0.18 | .4 |
| Heptachlor epoxide | ND | ug/L | 1 | 0.059 | 0.20 | .2 |
| Hexachlorobenzene | ND | ug/L | 1 | 0.10 | 0.30 | 1 |
| Hexachlorocyclopentadiene | ND | ug/L | 1 | 0.10 | 0.30 | 50 |
| BHC gamma (Lindane) | ND | ug/L | 1 | 0.051 | 0.17 | .2 |
| Methoxychlor | ND | ug/L | 1 | 0.10 | 0.30 | 40 |
| Simazine | ND | ug/L | 1 | 0.079 | 0.26 | 4 |
| 1,3-Dimethyl-2-Nitrobenzene (SURR**) | 100% | | | | | |
| Triphenylphosphate (SURR**) | 121% | | | | | |
| Perylene-d12 (SURR**) | 75% | | | | | |

** Surrogates are used to evaluate a method's Quality Control.

ANALYTICAL RESULTS: Multi-Component Pesticides and PCBs by EPA Method 505



Customer: Kiel Waterworks NLS Project: 89497
Project Description: 2005 Drinking Waters
Project Title: Template: 505DW Printed: 06/17/2005 08:38

**Sample: 370718 Well #4 - SOC** Collected: 05/16/05 Analyzed: 05/20/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| Total Chlordane | ND | ug/L | 1 | 0.40 | 1.3 | 2 |
| Total PCBs as DCB *** | ND | ug/L | 1 | 0.11 | 0.37 | .5 |
| Toxaphene | ND | ug/L | 1 | 0.47 | 1.6 | 3 |

**Sample: 370723 Well #1 - SOC** Collected: 05/16/05 Analyzed: 05/20/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| Total Chlordane | ND | ug/L | 1 | 0.40 | 1.3 | 2 |
| Total PCBs as DCB *** | ND | ug/L | 1 | 0.11 | 0.37 | .5 |
| Toxaphene | ND | ug/L | 1 | 0.47 | 1.6 | 3 |

**Sample: 370725 Well #3 - SOC** Collected: 05/16/05 Analyzed: 05/20/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| Total Chlordane | ND | ug/L | 1 | 0.40 | 1.3 | 2 |
| Total PCBs as DCB *** | ND | ug/L | 1 | 0.11 | 0.37 | .5 |
| Toxaphene | ND | ug/L | 1 | 0.47 | 1.6 | 3 |

*** MDLs(ug/L)- Aroclor 1016 0.2; Aroclor 1221 0.35; Aroclor 1232 0.36; Aroclor 1242 0.29; Aroclor 1248 0.36; Aroclor 1254 0.18; Aroclor 1260 0.21

# ANALYTICAL RESULTS: SYNTHETIC ORGANIC ANALYSES BY SDWA METHODS 515.3 AND 549.2



Customer: Kiel Waterworks NLS Project: 89497
Project Description: 2005 Drinking Waters
Project Title: Template: EHLSDW8 Printed: 06/17/2005 08:38

**Sample: 370718 Well #4 - SOC** Collected: 05/16/05 Analyzed: 05/23/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| 2,4-D | ND | ug/L | 1 | 0.10 | | 70 |
| Dalapon | ND | ug/L | 1 | 1.0 | | 200 |
| Dicamba | ND | ug/L | 1 | 0.10 | | |
| Dinoseb | ND | ug/L | 1 | 0.10 | | 7 |
| Diquat | ND | ug/L | 1 | 0.40 | | 20 |
| Pentachlorophenol | ND | ug/L | 1 | 0.040 | | 1 |
| Picloram (Tordon) | ND | ug/L | 1 | 0.10 | | 500 |
| 2,4,5-TP (Silvex) | ND | ug/L | 1 | 0.10 | | 50 |

**Sample: 370723 Well #1 - SOC** Collected: 05/16/05 Analyzed: 05/23/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| 2,4-D | ND | ug/L | 1 | 0.10 | | 70 |
| Dalapon | ND | ug/L | 1 | 1.0 | | 200 |
| Dicamba | ND | ug/L | 1 | 0.10 | | |
| Dinoseb | ND | ug/L | 1 | 0.10 | | 7 |
| Diquat | ND | ug/L | 1 | 0.40 | | 20 |
| Pentachlorophenol | ND | ug/L | 1 | 0.040 | | 1 |
| Picloram (Tordon) | ND | ug/L | 1 | 0.10 | | 500 |
| 2,4,5-TP (Silvex) | ND | ug/L | 1 | 0.10 | | 50 |

**Sample: 370725 Well #3 - SOC** Collected: 05/16/05 Analyzed: 05/23/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| 2,4-D | ND | ug/L | 1 | 0.10 | | 70 |
| Dalapon | ND | ug/L | 1 | 1.0 | | 200 |
| Dicamba | ND | ug/L | 1 | 0.10 | | |
| Dinoseb | ND | ug/L | 1 | 0.10 | | 7 |
| Diquat | ND | ug/L | 1 | 0.40 | | 20 |
| Pentachlorophenol | ND | ug/L | 1 | 0.040 | | 1 |
| Picloram (Tordon) | ND | ug/L | 1 | 0.10 | | 500 |
| 2,4,5-TP (Silvex) | ND | ug/L | 1 | 0.10 | | 50 |

# ANALYTICAL RESULTS: Carbamates by EPA Method 531.1

Customer: Kiel Waterworks NLS Project: 89497

Project Description: 2005 Drinking Waters

Project Title: Template: 531DWS Printed: 06/17/2005 08:38



**Sample: 370718 Well #4 - SOC** Collected: 05/16/05 Analyzed: 05/23/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| Carbofuran | ND | ug/L | 1 | 0.51 | 1.7 | 40 |
| Oxamyl (Vydate) | ND | ug/L | 1 | 0.48 | 1.6 | 200 |

**Sample: 370723 Well #1 - SOC** Collected: 05/16/05 Analyzed: 05/23/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| Carbofuran | ND | ug/L | 1 | 0.51 | 1.7 | 40 |
| Oxamyl (Vydate) | ND | ug/L | 1 | 0.48 | 1.6 | 200 |

**Sample: 370725 Well #3 - SOC** Collected: 05/16/05 Analyzed: 05/23/05 -

| ANALYTE NAME | RESULT | UNITS | DIL | LOD | LOQ | MCL |
|---|---|---|---|---|---|---|
| Carbofuran | ND | ug/L | 1 | 0.51 | 1.7 | 40 |
| Oxamyl (Vydate) | ND | ug/L | 1 | 0.48 | 1.6 | 200 |

**Table 1a**
**Soil Sample PID Results**
**Former Kiel Oil Bulk Plant**
**Kiel, Wisconsin**

| Boring No. | Sample No. | Depth (feet) | PID (units) |
|---|---|---|---|
| B-1 (10/22/04) | 1 | 1 - 2 | <1 |
| B-1 | 2 | 4 - 4.5 | 240 |
| B-2 (10/22/04) | 1 | 0.5 - 1.5 | 140 |
| B-2 | 2 | 2 - 2.5 | 390 |
| B-3 (6/1/05) | 1 | 0 - 2 | <1 |
| B-3 | 2 | 2 - 3.5 | <1 |
| B-4 (6/1/05) | 1 | 0 - 2 | <1 |
| B-4 | 2 | 2 - 3.5 | 476 |
| B-5 (6/1/05) | 1 | 0 - 2 | 1453 |
| B-5 | 2 | 2 - 4 | 589 |
| | 3 | 4 - 6 | 204 |
| B-6 (6/1/05) | 1 | 0 - 2 | <1 |
| B-6 | 2 | 2 - 4 | - |
| B-6 | 3 | 4 - 6 | - |
| MW-6 (10/14/05) | 1 | 0 - 2 | 73.2 |
| MW-6 | 2 | 2 - 4 | 135 |
| MW-6 | 3 | 4 - 6 | 147 |
| MW-6 | 4 | 6 - 8 | 2 |
| MW-6 | 5 | 8 - 10 | 0.7 |
| MW-6 | 6 | 10 - 12 | 0.4 |
| MW-6 | 7 | 12 - 14 | 1 |
| B-7 (10/14/05) | 1 | 0 - 2 | <0.1 |
| B-7 | 2 | 2 - 4 | 2.6 |
| B-7 | 3 | 4 - 6 | 1.2 |
| B-7 | 4 | 6 - 8 | <0.1 |
| B-7 | 5 | 8 - 10 | <0.1 |
| B-7 | 6 | 10 - 12 | <0.1 |
| B-7 | 7 | 12 - 14 | <0.1 |
| B-8/MW-7 (10/14/05) | 1 | 0 - 2 | <0.1 |
| B-8/MW-7 | 2 | 2 - 4 | <0.1 |
| B-8/MW-7 | 3 | 4 - 6 | <0.1 |
| B-8/MW-7 | 4 | 6 - 8 | <0.1 |
| B-8/MW-7 | 5 | 8 - 10 | <0.1 |
| B-8/MW-7 | 6 | 10 - 12 | <0.1 |
| B-8/MW-7 | 7 | 12 - 14 | <0.1 |
| B-9/MW-8 (10/14/05) | 1 | 0 - 2 | <0.1 |
| B-9/MW-8 | 2 | 2 - 4 | <0.1 |
| B-9/MW-8 | 3 | 4 - 6 | <0.1 |
| B-9/MW-8 | 4 | 6 - 8 | <0.1 |
| B-9/MW-8 | 5 | 8 - 10 | <0.1 |
| B-9/MW-8 | 6 | 10 - 12 | <0.1 |
| B-9/MW-8 | 7 | 12 - 14 | <0.1 |
| B-10 (10/14/05) | 1 | 0 - 2 | <0.1 |
| B-10 | 2 | 2 - 4 | <0.1 |
| B-10 | 3 | 4 - 6 | <0.1 |
| B-10 | 4 | 6 - 8 | <0.1 |
| B-10 | 5 | 8 - 10 | <0.1 |
| HA-1 (3/29/06) | 1 | 0 - 3 | <0.1 |
| | 2 | 3 - 4 | <0.1 |

**Table 1 b**
**Soil Analytical Results - PVOCs**
**Former Kiel Oil Bulk Plant**
**Kiel, Wisconsin**

| | Sample No. | B-1 | B-2 | B-3 | B-4 | B-5 | | B-6 | | MW-6 | B-7 | B-8/MW-7 | B-9/MW-8 | B-10 | HA-1 (2006) | NR 720 RCL Groundwater Pathway | NR 720 RCL Direct Contact Pathway (Non-Industrial) | Comm 46 - Values | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample Depth | 4.0 - 4.5 | 2.0 - 2.5 | 2.0 - 3.5 | 2.0 - 3.0 | 2.0 - 4.0 | 4.0 - 6.0 | 2.0 - 4.0 | 4.0 - 6.0 | 2.0 - 4.0 | 2.0 - 4.0 | 2.0 - 4.0 | 2.0 - 4.0 | 2.0 - 4.0 | 3.0 - 4.0 | | | Table 1 Soil Screening Level | Table 2 Direct Contact Level |
| | Sample Date | 10/22/04 | 10/22/04 | 6/1/05 | 6/1/05 | 6/1/05 | 6/1/05 | 6/1/05 | 6/1/05 | 10/17/05 | 10/17/05 | 10/17/05 | 10/17/05 | 10/17/05 | 3/29/06 | | | | |
| Diesel Range Organics | (mg/kg) | **7,900** | **7,600** | <3.8 | **17,000** | **3,500** | **250** | 5.8 | <4.7 | -- | **350** | <3.7 | 7.5 | 6.9 | -- | 100 | -- | -- | -- |
| Gasoline Range Organics | (mg/kg) | **1,300** | **3,000** | <2.8 | **3,100** | **1,700** | **340** | 3.4 | <3.1 | -- | **170** | <3 0 | <2.9 | <2.7 | -- | 100 | -- | -- | -- |
| *PVOCs* | | | | | | | | | | | | | | | | | | | |
| Benzene | (ug/kg) | <310 | <500 | <25 | <1000 | <620 | <120 | <25 | <25 | <310 | <50 | <25 | <25 | <25 | <25 | 5.5 | -- | 8,500 | 1,100 |
| Ethylbenzene | (ug/kg) | 2,800 | **23000 +** | <25 | **16000 +** | **9400 +** | 1,100 | <25 | <25 | **4900 +** | <50 | <25 | <25 | <25 | <25 | 2,900 | -- | 4,600 | -- |
| Methyl-tert-butyl-ether | (ug/kg) | <310 | <500 | <25 | <1000 | <620 | <120 | <25 | <25 | <310 | <50 | <25 | <25 | <25 | <25 | -- | -- | -- | -- |
| Naphthalene | (ug/kg) | **22000 +** | **41000 +** | <25 | **86000 +** | **41000 +** | **7100 +** | 80 | 35 | **1,300** | <50 | <25 | <25 | <25 | <25 | 400 * | -- | 2,700 | -- |
| Toluene | (ug/kg) | <310 | 1,300 | <25 | 1,300 | <620 | <120 | <25 | <25 | <310 | <50 | <25 | <25 | <25 | <25 | 1,500 | -- | 38,000 | -- |
| 1,2,4-Trimethylbenzene | (ug/kg) | 41,000 | 74,000 | <25 | **100000 +** | 50,000 | 8,000 | 33 | <25 | 30,000 | 1,900 | <25 | <25 | <25 | <25 | -- | -- | 83,000 | -- |
| 1,3,5-Trimethylbenzene | (ug/kg) | **21000 +** | **35000 +** | <25 | **55000 +** | **28000 +** | 4,200 | <25 | <25 | **15000 +** | 2,100 | <25 | <25 | <25 | <25 | -- | -- | 11,000 | -- |
| Xylenes | (ug/kg) | **12,000** | **78800 +** | <75 | **58800 +** | **30,300** | **4,200** | <75 | <75 | **16,000** | 1,600 | <75 | <75 | <75 | <75 | 4,100 | -- | 42,000 | -- |
| **Lead** | (mg/kg) | | | | | | | | | **96 **** | 16 | 6.2 | 8.4 | 3.4 | - | | 50 | | |

Notes:

RCL = Residual Contaminant Level

| | |
|---|---|
| **100** | Exceeds NR 720 RCL |
| **100 +** | Exceeds Comm 46 SSL Table 1 Values. No reported exceedances of Table 2 Direct Contact Value. |

* = Suggested generic groundwater pathway RCL, 1997 WDNR Document, "Soil Cleanup Levels for PAHs Interim Guidance

** 96 mg/kg is above non-industrial RCL but well below industrial RCL of 500 mg/kg

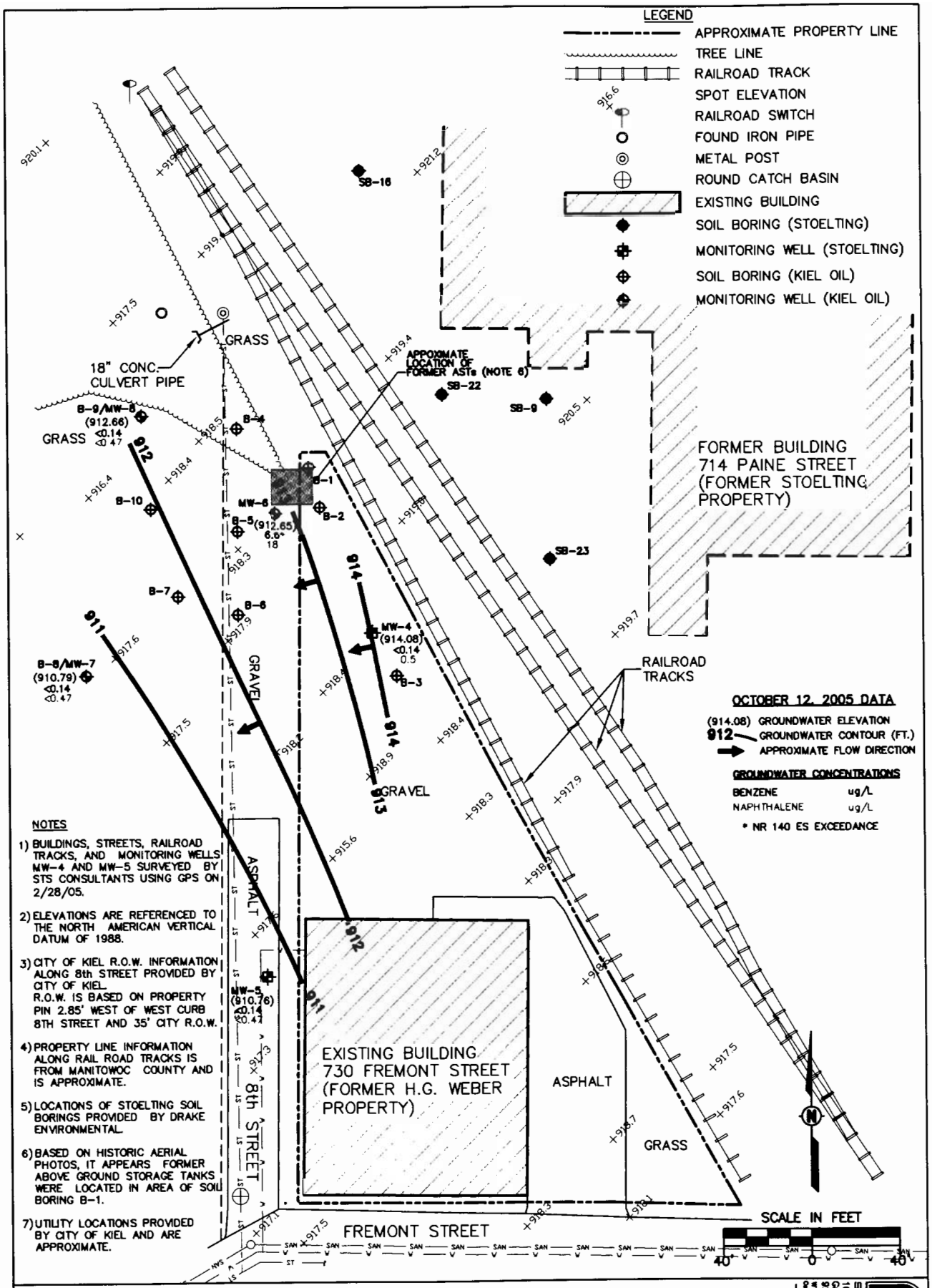
**Table 1 c**
**Soil Analytical Results - PAHs**
**Former Kiel Oil Bulk Plant**
**Kiel, Wisconsin**

| | | | | | | | | | | | | | | | 1997 Interim PAH Suggested RCL Guidance Values | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Sample No. | B-1 | B-2 | B-3 | B-4 | B-5 | | B-6 | | MW-6 | B-7 | B-8/MW-7 | B-9/MW-8 | B-10 | Groundwater | Direct Contact | | | |
| | Sample Depth | 4.0 - 4.5 | 2.0 - 2.5 | 2.0 - 3.5 | 2.0 - 3.0 | 2.0 - 4.0 | 4.0 - 6.0 | 2.0 - 4.0 | 4.0 - 6.0 | 2.0 - 4.0 | 2.0 - 4.0 | 2.0 - 4.0 | 2.0 - 4.0 | 2.0 - 4.0 | | Non-industrial | | Industrial | |
| | Sample Date | 10/22/04 | 10/22/04 | 6/1/05 | 6/1/05 | 6/1/05 | 6/1/05 | 6/1/05 | 6/1/05 | 10/17/05 | 10/17/05 | 10/17/05 | 10/17/05 | 10/17/05 | | Ingestion | Inhalation | Ingestion | Inhalation |
| ***PAHs*** | | | | | | | | | | | | | | | | | | | |
| Acenaphthene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 100 | NA | NA | NA | NA | 38,000 | 900,000 | nd | 60,000,000 | nd |
| Acenapthylene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 49 | NA | NA | NA | NA | 700 | 18,000 | nd | 390000 | 360,000 |
| Anthracene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 32 | NA | NA | NA | NA | 3,000,000 | 5,000,000 | nd | 3,000,000,000 | nd |
| Benzo(a)anthracene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | <33 | NA | NA | NA | NA | 17,000 | 88 | 11,000 | 3,900 | 150,000 |
| Benzo(a)pyrene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | <33 | NA | NA | NA | NA | 48,000 | 8.8 | 1,600 | 390 | 22,000 |
| Benzo(b)fluoranthene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | <21 | NA | NA | NA | NA | 360,000 | 88 | 4,600 | 3,900 | 65,000 |
| Benzo(g,h,i)perylene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | <43 | NA | NA | NA | NA | 6,800,000 | 1,800 | 1,100,000 | 39,000 | 7,700,000 |
| Benzo(k)fluoranthene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | <38 | NA | NA | NA | NA | 870,000 | 880 | 380,000 | 39,000 | 5,300,000 |
| Chrysene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | <28 | NA | NA | NA | NA | 37,000 | 8,800 | 270,000 | 390,000 | 3,800,000 |
| Dibenzo(a,h)anthracene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | <46 | NA | NA | NA | NA | 38000 | 8.8 | 7,800 | 390 | 110,000 |
| Fluoranthene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 60 | NA | NA | NA | NA | 500,000 | 600,000 | nd | 40,000,000 | nd |
| Fluorene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 170 | NA | NA | NA | NA | 100,000 | 600,000 | nd | 40,000,000 | nd |
| Indeno(1,2,3-cd)pyrene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | <55 | NA | NA | NA | NA | 680,000 | 88 | 54,000 | 3,900 | 750,000 |
| Methyl-1-Naphthalene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 4800 | NA | NA | NA | NA | 23,000 | 1,100,000 | nd | 70,000,000 | nd |
| Methyl-2-Naphthalene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 6800 | NA | NA | NA | NA | 20,000 | 600,000 | nd | 40,000,000 | nd |
| Naphthalene | (ug/kg) | **22,000** | **41,000** | <25 | **86,000** | **41,000** | **7,100** | 80 | 35 | **1,300** | <50 | <25 | <25 | <25 | 400 | 60,000 | 20,000 | 4,000,000 | 110,000 |
| Phenanthrene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 290 | NA | NA | NA | NA | 1,800 | 18,000 | 160,000 | 390,000 | 1,100,000 |
| Pyrene | (ug/kg) | NA | NA | NA | NA | NA | NA | NA | NA | 51 | NA | NA | NA | NA | 8,700,000 | 500,000 | nd | 30,000,000 | nd |

Notes.

[ ] = Sample detected at concentration between practical quantitation limit and method detection limit

**100** = Exceeds 1997 Interim PAH Suggested RCL for the Groundwater Pathway



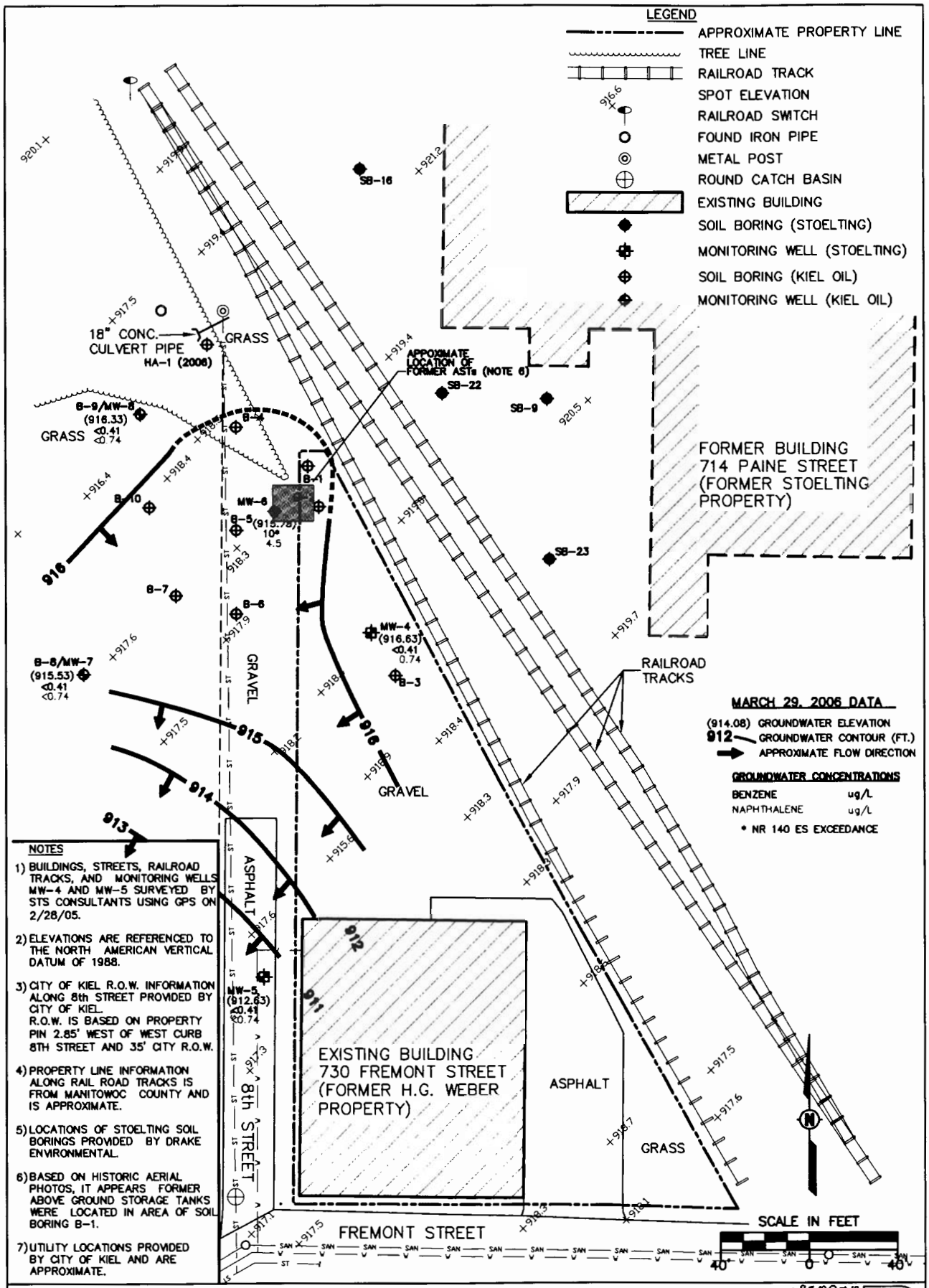

GROUNDWATER ELEVATION AND CONCENTRATIONS (10/21/05)

FORMER KIEL OIL BULK PLANT
730 FREMONT STREET
KIEL, WISCONSIN

| | |
|---|---|
| FIGURE NUMBER | 4 |
| PROJECT NUMBER | 4-28765W |
| Drawn | JRL 11/09/2005 |
| Checked | RJM 11/09/2005 |
| Approved | |

STS CONSULTANTS
1035 Kepler Drive
Green Bay, Wisconsin 54311
920-468-1978
www.stsconsultants.com


X:\PROJECTS\428765Wdwg\G428765_GW_Concentrations_Fig4_10-21-05.dwg, 40_SCALE, 5/4/2006 10:30:59 AM, mleziva




GROUNDWATER ELEVATION AND CONCENTRATIONS (03/29/2006)

FORMER KIEL OIL BULK PLANT
730 FREMONT STREET
KIEL, WISCONSIN

| FIGURE NUMBER | PROJECT NUMBER | Approved | Checked | Drawn |
|---|---|---|---|---|
| 5 | 4-28765W | | RJM 11/09/2005 | JRL 11/09/2005 |

STS CONSULTANTS
1035 Kepler Drive
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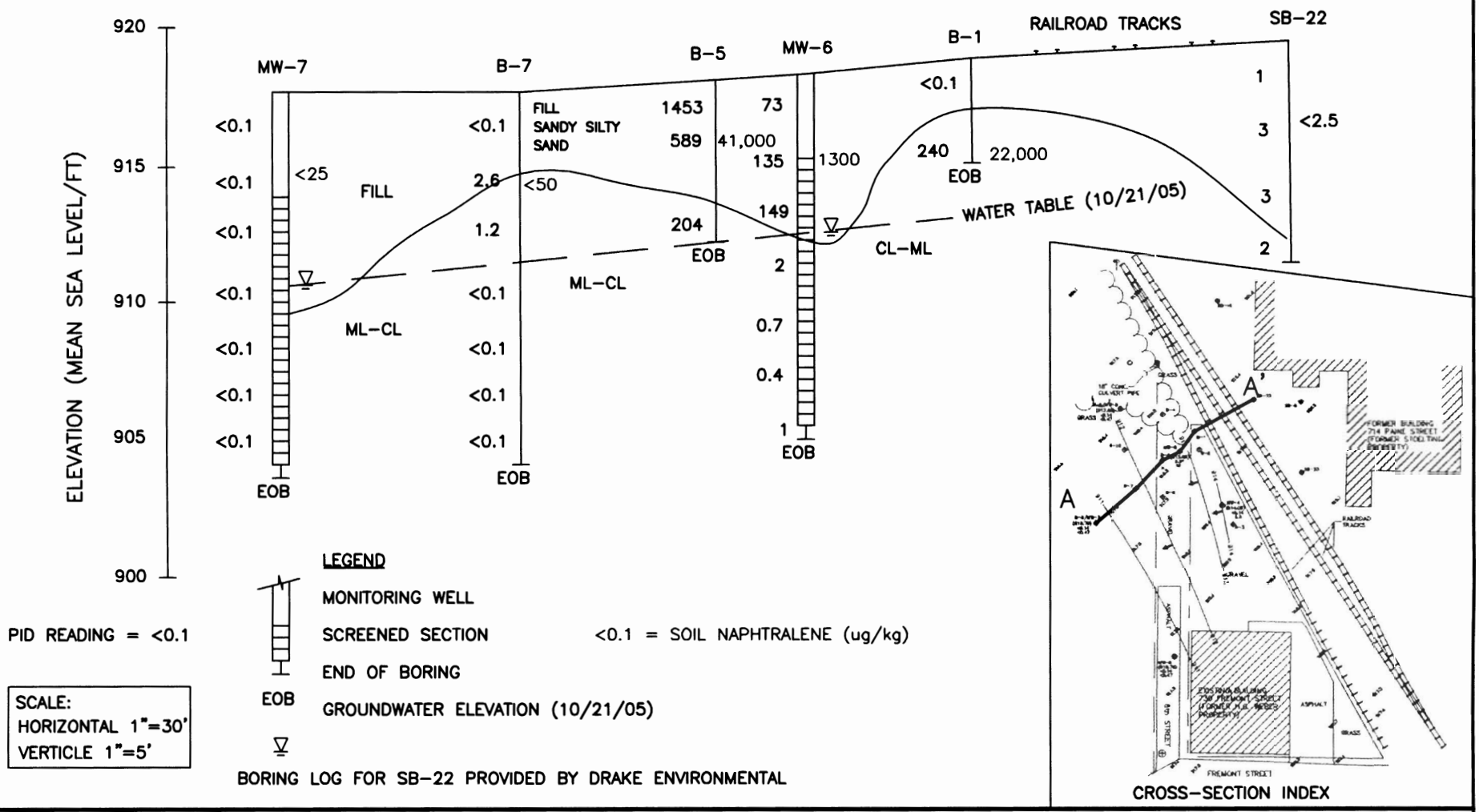
920-469-1978
www.stsconsultants.com




STS CONSULTANTS
1035 Kepler Drive
Green Bay, WI 54311
920-468-1978
www.stsconsultants.com


# CROSS SECTION A-A'
# FORMER KIEL OIL BULK PLANT
# KIEL, WISCONSIN

| | | |
|---|---|---|
| Drawn : | JMR | 12/02/2005 |
| Checked: | RJM | 12/02/2005 |
| Approved: | | |
| PROJECT NUMBER | 4-28765W | |
| FIGURE NUMBER | 3 | |

X:\PROJECTS\428765W\dwg\G428765_Cross_Section.dwg; 4/28/2006 2:29:15 PM; MLEZIVA, DAN J.

STATEMENT OF PROPERTY LEGAL DESCRIPTION

As required by s.NR726.05(3) of the Wisconsin Administrative Code, I am providing this signed statement that to the best of my knowledge the legal descriptions that are attached to this statement are complete and accurate for the Former Kiel Oil Bulk Plant project site located at 730 Fremont Street, Kiel, Wisconsin.

X Jodi L Arndt Date 5-4-06
(Signature)

Jodi L. Arndt
(Name)

Atty for H.B. Weber + Co., Inc.
(Title)

Liebmann, Conway, Olejniczak + Jerry, S.C.
(Company)

STS CONSULTANTS

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web www.stsconsultants.com

May 2, 2006

Attorney Michael A. Ludoha, Managing Member
Damasareta Investments, LLC
1332 South 26th Street
Manitowoc, Wisconsin 54220

Re: Notification of Residual Petroleum Impacts to Remain on Damasareta Investments, LLC Property Associated with Former Kiel Oil Bulk Plant Site, 730 Fremont Street, Kiel, Wisconsin -- WDNR BRRTS No. 02-36-530919 -- Commerce PECFA ID No. 53042-1323-30 -- STS Project No. 4-28765W

To Attorney Michael A. Ludoha :

On behalf of the former owner, H.G. Weber & Co., Inc. (H.G. Weber), Kiel, Wisconsin, STS Consultants, Ltd. (STS) has prepared this notification for the Former Kiel Oil Bulk Plant Site, 730 Fremont Street, Kiel, Wisconsin. This notification is being submitted in accordance with requirements in Wisconsin Administrative Code, Chapter NR 726 for the Wisconsin Department of Natural Resources (WDNR) to review a case closure request for the project. With this letter, H.G. Weber is notifying Damasareta Investments, LLC that residual petroleum-impacted groundwater exists at 730 Fremont Street, Kiel, Wisconsin.

Groundwater petroleum contamination appears to have originated on property located at and adjacent to 730 Fremont Street, Kiel, Wisconsin. As you are aware, Damasareta Investments, LLC is the current property owner and has granted site access to H.G. Weber to address the petroleum contamination as part of the company's recent sale agreement with H.G. Weber. The levels of benzene contamination in the groundwater on your property are above the state groundwater Enforcement Standards (ESs) found in Chapter NR 140, Wisconsin Administrative Code. However, the environmental consultants who have investigated this contamination are informing you that groundwater contaminant plume is stable or receding and will naturally degrade over time. STS believes that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure found in Chapter NR 726, Wisconsin Administrative Code, and STS is requesting that the WDNR accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the WDNR will not require any further investigation or cleanup action to be taken, other than the reliance on natural attenuation.

Your sales contract with H.G. Weber states that H.G. Weber is responsible to take actions needed to bring the case to closure as required by the WDNR. Once H.G. Weber has received closure of the case, they will no longer conduct any further environmental action at the site. You and subsequent owners will need to comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to your property for environmental investigation or cleanup if access is required. For further information on the requirements of Section 292, Wisconsin Statutes, you may call (800) 367-6076 for calls originating in Wisconsin or (608) 264-6020 if you are calling from out of state or within the Madison area to obtain a copy of the WDNR Publication No. RR-589, Fact Sheet 10, "Guidance for Dealing with Properties Affected by Off-Site Contamination."

STS understands the WDNR will not review my closure request for at least 30 days after the date of this letter. As an affected property owner, you have a right to contact the WDNR to provide any technical information that you may have that indicates that closure should not be granted for this site.

Former Kiel Oil Bulk Plant
STS Project No. 428765W
May 2, 2006

If you would like to submit any information to the WDNR relevant to this closure request, you should mail that information to:

Ms. Annette Weissbach
Wisconsin Department of Natural Resources
2984 Shawano Avenue (54313)
P.O. Box 10448
Green Bay, Wisconsin 54307-0448

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater ESs will be listed on the WDNR Geographic Information System (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above Chapter NR 140 enforcement standards was found at the time of case closure. This GIS Registry will be available to the general public on the WDNR Internet website. Please review the enclosed legal description of your property and notify me within the next 30 days if the legal description is incorrect.

If you or any subsequent property owner wish to construct or reconstruct a well on your property, special well construction standards may be necessary to protect the well from the residual groundwater contamination. Any well driller who proposes to construct a well on your property in the future will first need to call Digger's Hotline (800-242-8511) if your property is located outside of the service area of a municipally owned water system or contact the Drinking Water program within the WDNR if your property is located within the designated service area of a municipally owned water system to determine if there is a need for special well construction standards.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of this letter by requesting a copy from STS, by writing the agency address given above, or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at www.dnr.state.wi.us/org/at/et/geo/gwur. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

If you have any technical questions or comments about the data, please contact Mr. Bob Mottl of STS at (920) 406-3147 or direct any legal questions to Attorney Jodi Arndt of Liebmann, Conway, Olejniczak & Jerry at (920) 437-0476. A copy of this letter will be provided to the WDNR.

Sincerely,

STS CONSULTANTS, LTD.

Robert J. Mottl

Robert J. Mottl, P.G.
Senior Project Geologist

Roger A. Miller

Roger A. Miller, PG, CHMM
Associate Hydrogeologist

Former Kiel Oil Bulk Plant
STS Project No. 428765W
May 2, 2006

Copy: Attorney Jodi L. Arndt
Liebmann, Conway, Olejniczak & Jerry, SC
231 South Adams Street
P.O. Box 23200
Green Bay, Wisconsin 54305-3200

Mr. John Schmitt
HG Weber Company
725 Fremont Street
Kiel, Wisconsin 53042

Mr. Randy Neils
City of Kiel
P.O. Box 98
Kiel, Wisconsin 53042

Ms. Annette Weissbach
Wisconsin Department of Natural Resources
2984 Shawano Avenue (54313)
P.O. Box 10448
Green Bay, Wisconsin 54307-0448

STS CONSULTANTS

STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, Wisconsin 54311

voice (920) 468-1978
fax (920) 468-3312
web www.stsconsultants.com

May 2, 2006

Mr. Randy Neils
City of Kiel
P.O. Box 98
Kiel, Wisconsin 53042

Re: Notification of Residual Petroleum Impacts on City of Kiel Right-of-Way Adjoining Former Kiel Oil Bulk Plant Site (formerly owned by H.G. Weber & Co., Inc.), 730 Fremont Street, Kiel, Wisconsin -- WDNR BRRTS No. 02-36-530919 -- Commerce PECFA ID No. 53042-1323-30 -- STS Project No. 4-28765W

Dear Mr. Neils:

On behalf of the former owner, H.G. Weber & Co., Inc. (H.G. Weber), Kiel, Wisconsin, STS Consultants, Ltd. (STS) has prepared this notification for the former Kiel Oil Bulk Plant Site, 730 Fremont Street, Kiel, Wisconsin. This notification is being submitted in accordance with requirements in Wisconsin Administrative Code, Chapter NR 726 for the Wisconsin Department of Natural Resources (WDNR) to review a case closure request for the project.

With this letter, H.G. Weber is notifying City of Kiel that petroleum-impacted soil and groundwater exist on the City right-of-way adjacent to 730 Fremont Street. STS believes the City is already aware of this condition as they have received copies of project reports associated with this site in 2005 and 2006. If you have any questions or comments, please contact Mr. Bob Mottl of STS at (920) 406-3147. A copy of this letter will be provided to the WDNR.

Sincerely,

STS CONSULTANTS, LTD.

Robert J. Mottl, P.G.
Senior Project Geologist

Roger A. Miller, P.G., CHMM
Associate Hydrogeologist

Copy: Attorney Jodi L. Arndt
Liebmann, Conway, Olejniczak & Jerry, SC
231 South Adams Street (54301)
P.O. Box 23200
Green Bay, Wisconsin 54305-3200

Mr. John Schmitt
H.G. Weber Co., Inc.
725 Fremont Street
Kiel, Wisconsin 53042

Attorney Michael A. Ludoha
Damasareta Investments, LLC
1332 South 26th Street
Manitowoc, Wisconsin 54220

Ms. Annette Weissbach
Wisconsin Department of Natural Resources
2984 Shawano Avenue (54313)
P.O. Box 10448
Green Bay, Wisconsin 54307-0448

STS CONSULTANTS

STS Consultants, Ltd.
1035 Kepler Drive
Green Bay, Wisconsin 54311

voice (920) 468-1978
fax (920) 468-3312
web www.stsconsultants.com

May 3, 2006

Mr. Geoff Nokes
Canadian National
17641 S. Ashland Avenue
Homewood Illinois, 60430-1345

Re: Notification of Potential Residual Petroleum Impacts on Railroad Right-of-Way Adjoining Former Kiel Oil Bulk Plant Site (formerly owned by H.G. Weber & Co., Inc.), 730 Fremont Street, Kiel, Wisconsin -- WDNR BRRTS No. 02-36-530919 -- Commerce PECFA ID No. 53042-1323-30 -- STS Project No. 4-28765W

Mr. Nokes:

On behalf of the former owner, H.G. Weber & Co., Inc. (HG Weber), Kiel, Wisconsin, STS Consultants, Ltd. (STS) has prepared this notification for the former Kiel Oil Bulk Plant site, 730 Fremont Street, Kiel, Wisconsin. This notification is being submitted in accordance with the requirements in Wisconsin Administrative Code, Chapter NR 726 for the Wisconsin Department of Natural Resources (WDNR) to review a case closure request for the project.

By this letter, HG Weber is notifying Canadian National that petroleum-impacted soil and groundwater may exist on the railroad right-of-way (ROW) adjacent to 730 Fremont Street. We have attached copies of Figures 2 and 5 from our closure request, which depict recent soil and groundwater petroleum quality data.

In addition to the potential existence of petroleum contamination within the railroad ROW, there may also be adverse impacts of chlorinated volatile organic compounds (VOCs), which are separate and distinct from the foregoing petroleum contamination issue (but are detected with the sampling data enclosed herein). Canadian National may have been informed already by the responsible party for the former Stoelting property (WDNR BRRTS No. 02-36-258720), which is located on the east side of the railroad ROW of chlorinated VOC impacts originating from the former Stoelting property and likely migrating onto railroad property as STS has observed groundwater flow to be southwest. If you have any questions or comments, please contact Mr. Bob Mottl of STS at (920) 406-3147. A copy of this letter will be provided to the WDNR.

Sincerely,
STS CONSULTANTS, LTD.

Robert J. Mottl, P.G.
Senior Project Geologist

Roger A. Miller, PG, CHMM
Associate Hydrogeologist

Attachments:
Figures 2 and 5

Copy: Attorney Jodi L. Arndt
Liebmann, Conway, Olejniczak & Jerry, SC
231 South Adams Street
P.O. Box 23200
Green Bay, Wisconsin 54305-3200

Mr. John Schmitt
HG Weber Company
725 Fremont Street
Kiel, Wisconsin 53042

Attorney Michael A. Ludoha
Damasareta Investments, LLC
1332 South 26th Street
Manitowoc, Wisconsin 54220

Mr. Randy Neils
City of Kiel
P.O. Box 98
Kiel, Wisconsin 53042

Former Kiel Oil Bulk Plant
STS Project No. 4-28765W
May 3, 2006

Ms. Annette Weissbach
Wisconsin Department of Natural Resources
2984 Shawano Avenue (54313)
P.O. Box 10448
Green Bay, Wisconsin 54307-0448

Canadian National Real Estate Department
Canadian National
17641 South Ashland Avenue
Homewood Illinois 60430-1345

Mr. Rick Verkler
Canadian National
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Homewood Illinois 60430-1345