#### **GIS REGISTRY INFORMATION**

| SITE NAME:  | Andrews Property Waste             | Oil   |   | -       |
|---|------------------------------------|---|---|---------|
| BRRTS #:  | 02-45-543401                       | FID # (if appropriate):                     |   |         |
| COMMERCE # (if appropriate):  | na                                 |   |   | _       |
| CLOSURE DATE:   | 08/21/2007                         |   |   | _       |
| STREET ADDRESS:   | N5593 Hwy 76                       |   |   |         |
| CITY:   | Shiocton                           |   |   |         |
| SOURCE PROPERTY GPS COOF WTM91 projection):   | RDINATES (meters in                | X= 633011                                   | Y= 441916                                     | _       |
| CONTAMINATED MEDIA:   | Groundwater                        | Soil  | x Both  |         |
| OFF-SOURCE GW CONTAMINAT  | TON >ES:                           | Yes   | x No  |         |
| IF YES, STREET ADDRESS 1:   |                                    |   |   | _       |
| GPS COORDINATES (meters in W  | /TM91 projection):                 | X=  | Y=  | -       |
| OFF-SOURCE SOIL CONTAMINA Specific RCL (SSRCL):   | TION >Generic or Site-             | Yes   | x No  |         |
| IF YES, STREET ADDRESS 1:   |                                    |   |   | _       |
| GPS COORDINATES (meters in W  | /TM91 projection):                 | X=  | Y=  | -       |
| CONTAMINATION IN RIGHT OF V   | NAY:                               | Yes   | x No  |         |
| <b>DOCUMENTS NEEDED:</b>  |                                    |   |   |         |
| Closure Letter, and any conditional of  | closure letter or denial letter    | issued                                      |   |         |
| Copy of any maintenance plan refere   | enced in the final closure lette   | er.   |   | x       |
| Copy of (soil or land use) deed notic   | e if any required as a conditi     | on of closure                               |   | na      |
| Copy of most recent deed, including   | legal description, for all affe    | cted properties                             |   | х       |
| Certified survey map or relevant por County Parcel ID number, if used for   |                                    | •   | ion) for all affected properties              | na<br>x |
| <b>Location Map</b> which outlines all properties parcels to be located easily (8.5x14" if paper wells within 1200' of the site.                                |                                    |   | ·   | х       |
| Detailed Site Map(s) for all affected p<br>potable wells. (8.5x14", if paper copy) This<br>the source property and in relation to the bor<br>generic or SSRCLs. | map shall also show the location o | f all contaminated public streets, high     | way and railroad rights-of-way in relation to | х       |
| Tables of Latest Groundwater Analyt   | tical Results (no shading or o     | cross-hatching)                             |   | х       |
| Tables of Latest Soil Analytical Resu   | , -                                | •,  |   | Х       |
| <b>Isoconcentration map(s), if required</b> extent of groundwater contamination defined   | . , ,                              |   | · · · · · · · · · · · · · · · · · · ·         | na      |
| GW: Table of water level elevations,<br>GW: Latest groundwater flow direct<br>greater than 20 degrees)  | • •                                |   | mum variation in flow direction is            | x       |
| SOIL: Latest horizontal extent of co  | ntamination exceeding gener        | ic or SSRCLs, with one contou               | ır  | Х       |
| Geologic cross-sections, if required  |                                    |   |   | na      |
| RP certified statement that legal des   | ·                                  | ccurate                                     |   | X       |
| Copies of off-source notification lett  |                                    | ALL-Mandella Islando 9 15                   | 20140   | na      |
| Letter informing ROW owner of resid   | uai contamination (if applica      | <b>ibie</b> )(public, nighway or railroad R | (UVV)   | na      |



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

Jim Doyle, Governor Scott Hassett, Secretary Ronald W. Kazmierczak, Regional Director Northeast Region Headquarters 1125 N. Military Ave., P.O. Box 10448 Green Bay, Wisconsin 54307-0448 Telephone 920-492-5800 FAX 920-492-5913 TTY Access via relay - 711

August 21, 2007

Ms. Dina Mumford Treasurer – Outagamie County 410 S. Walnut St. Appleton, WI 54911

SUBJECT: Final Case Closure with Land Use Limitations or Conditions Former Sielaff Andrews Property (Waste Oil/Burn Area), N5593 Hwy 76 (River St.), Shiocton, WI

WDNR BRRTS Activity #: 02-45-543401

Dear Ms. Mumford:

On July 31, 2007, the Department's 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.

Your consultant has indicated that the monitoring wells associated with this case will be abandoned at the time the other release on the site (03-45-001011) is closed. Therefore, 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.

#### 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.

#### Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the soil cover that currently exists in the location shown on the attached map (B-2 and B-3) shall be maintained in compliance with **the attached maintenance plan** in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze



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

#### **Prohibited Activities**

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

#### **GIS Registry**

Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites because of the remaining residual soil contamination that remains on site at B-2 and B-3. 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 <a href="http://dnr.wi.gov/org/aw/rr/gis/index.htm">http://dnr.wi.gov/org/aw/rr/gis/index.htm</a>.

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 Tom Sturm at 715-526-4230

Sincerely,

Bruce G. Urben

Northeast Region Remediation & Redevelopment Team Supervisor

cc: Dave Fries - Omnni Associates, One Systems Drive, Appleton WI 54914-1654

Tom Sturm - Shawano

# Cap Maintenance Plan Conducted For Outagamie County

#### at the

# Former Sielaff - Andrews Property N5593 HWY 76, (River Street) Shiocton, Wisconsin

## Prepared by:

OMNNI Associates, Inc. One Systems Drive Appleton, WI 54914-1654 (T) 920/735-6900 (F) 920/830-6100 www.omnni.com

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| STANDARD OF CARE                      |   |
| DISTRIBUTION                          |   |

#### **List of Attachments**

**Figures** 

Figure 1 – Site Location Map Figure 2 – Site Detail Map

Groundwater Protection Cap Inspection Form

#### GENERAL INFORMATION

On behalf of Outagamie County, OMNNI Associates, Inc. (OMNNI) is preparing this cap maintenance plan as a supplement to the closure request for the former Sielaff – Andrews site.

#### **Project Title**

Former Sielaff – Andrews Property, Cap Maintenance Plan

#### **Project Identification Numbers**

Wisconsin Department of Natural Resources Bureau for Remediation and Redevelopment Tracking System (BRRTS) Number: 02-45-543401.

OMNNI Associates, Inc. Project Number: N1882A05.

#### **Purpose**

The former Sielaff – Andrews property is located in Shiocton, Wisconsin. Outagamie County, the current owner of the property, would like to obtain closure for this portion of the site (waste oil issues). The County is also currently under contract with OMNNI Associates to monitor the site in relation to the leaking underground storage tank issues at the site (BRRTS #03-45-001011). Once each of the projects are closed, the County would like to eventually sell the property. The area immediately surrounding boring B2, has remaining soil contaminant concentrations over the suggested generic residual contaminants levels for benzo(a)anthracene, benzo(a)pyrene, and benzo(b)fluoranthene. The area surrounding B3 also has soil contaminant concentrations of benzo(a)pyrene and benzo(b)fluoranthene above suggested generic residual contaminant levels.

These areas are also the location of monitoring wells MW2(B2) and MW3(B3), which have not shown an impact by these, or other polynuclear aromatic hydrocarbons (PAHs), above preventive action limits (PALs), except for naphthalene in MW3. If surface water was allowed to infiltrate around monitoring well MW2 or MW3 the existing groundwater contaminant plume may be effected.

#### Contact Information

The following are the primary contacts for the project:

Owner: Outagamie County, 410 South Walnut Street, Appleton, WI 54911-

5936; (920) 832-5255. Contact: Mr. Dina Mumford.

Consultant: OMNNI Associates, Inc., One Systems Drive, Appleton, WI 54914-

1654; (920) 735-6900. Contact: Mr. Dave Fries.

#### Site Location

The former Sielaff - Andrews property is located at N5593 HWY 76 (River Street), Shiocton, Wisconsin. (See Figure 1 – Site Location Map, attached.) The site is located in the NE 1/4 of the NE 1/4 of Section 29, T23N, R16E, Village of Shiocton, Outagamie County. River Street bounds the site to the east, the Wolf River bounds the property to the west, the land to the north is a residential/commercial property, and the land to the south of the vacant lot is a commercial building. The property is currently zoned G2 Mercentile. Geographic coordinates of the site are 633032, 441935 and were obtained from the on-line GIS Registry of Closed Remediation Sites at a scale of 1:2,937 using the Wisconsin Transverse Mercater '91 (WTM) coordinate system.

#### CAP MAINTENANCE PLAN

Monitoring well MW2 is located in the suspected spill area. The last sampling event associated with the waste oil issues portion of the project (November 2, 2005) did not detect any PAHs over PALs. The well has been sampled more recently as part of the leaking underground storage tank portion of the project, but it was not tested for PAHs. (See Figure 2 – Site Detail Map, attached.) The area around MW2, as well as MW3, has been covered with clay and seeded with grass to prevent as much infiltration of surface water as possible, and to prevent direct contact with the soil that contains PAHs.

#### **Inspection and Maintenance Activities**

Periodic inspection and maintenance of the existing ground cover over monitoring wells MW2 and MW3 will be conducted to verify that it continues to provide a cap over the area that is equal to or better than conditions currently existing. Annual inspections will be conducted by the County in the spring, a time of historically high levels of the Wolf River. Contingency inspections will also be conducted as needed after any sustained damage to the ground cover near the area of monitoring wells MW2 and MW3.

#### Inspection and Maintenance Reports

Reporting activities are intended to ensure that the inspections are adequately documented and that related data and information are provided to the WDNR, upon request. Personnel conducting the inspections will document their observations, any corrective actions taken, and/or routine maintenance that has taken place over the past year. (See Groundwater Protection Cap Inspection Form, attached.) The inspection and maintenance reports will be retained by the property owner.

our professional opinions, based on data collected at the time of the investigation, at the specific boring and sampling locations discussed in the investigation report. Conditions at other locations on the property may be different than described in the investigation. The scope of this plan is limited to the specific project and location described herein.

Prepared By:

Dave Fries, P.G. Hyrdrogeologist

#### DISTRIBUTION

Mr. Tom Sturm Project Manager – Hydrogeologist Wisconsin Department of Natural Resources 647 Lakeland Road Shawano, Wisconsin 54166-3843

Mr. Rick Pauls
Outagamie County
Real Property Lister
410 S. Walnut Street
Appleton, WI 54911-5936

Ms. Dina Mumford Outagamie County Treasurer 410 S. Walnut Street Appleton, WI 54911-5936

# Groundwater Protection Cap Inspection Form

N5593 HWY 76 (River Street) Shiocton, Wisconsin

| Personnel Conducting Inspect | ion:                     | Inspection Date:         |
|------------------------------|--------------------------|--------------------------|
|                              |                          | Photos Attached:  Yes No |
| Visual Observations:         |                          |                          |
|                              |                          |                          |
|                              |                          |                          |
| Corrective Actions Taken     | ☐ None required ☐ Yes, E | xplain:                  |
|                              |                          |                          |
|                              |                          |                          |
| Routine Maintenance          | ☐ None required ☐ Yes, E | Synlain:                 |
| Routine Maintenance          |                          | Aprilin.                 |
|                              |                          |                          |
|                              |                          |                          |

#### IN THE MATTER OF THE FORECLOSURE

#### OF TAX LIENS PURSUANT TO SECTION

| 75.521 WISCONSIN STATUTES | S:B <b>Y</b><br>Cl.£ | THE PROPERTY OF                         | JUL       | GMENT     |
|---------------------------|----------------------|---|-----------|-----------|
| OUTAGAMIE COUNTY, LIST    | OF TAX               | DUTAGAMIE UUUNA<br>FILED <b>C</b> a     | se No.: 0 | 3 CV 1430 |
| LIENS FOR THE YEARS 1991- | 2002                 | MAR - 8 2004                            |           |           |
| Number: 40                |                      |   | •         |           |
|                           | AT                   | O'CLOCK                                 |           |           |
|                           | l                    | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |           |           |

The above entitled action for foreclosure of tax liens by proceedings In Rem pursuant to the provisions of Section 75.521 of the Wisconsin Statutes, having come on to be heard before the Court; and

It appearing that proceedings to Foreclose Tax Liens by Outagamie County were commenced by filing a List of Tax Liens, Number 40, dated the 8th day of December, 2003, with the Clerk of Circuit Court, Branch No. IV, for Outagamie County, pursuant to Section 75.521 of the Wisconsin Statutes.

It appearing that the necessary affidavits were made by Dina Mumford, County Treasurer of Outagamie County, and that the necessary affidavit of publication was made by the authorized representative of the Appleton Post Crescent.

It appearing that Daniel Hoff, an attorney at law, Appleton, Wisconsin, has been appointed Guardian Ad Litem in this matter pursuant to Wis. Stat. §75.521(12).

It appearing that the last day for the redemption of said tax liens was February 6, 2004, the following list of lands remained unredeemed and affected by this Judgment:

| PARC | CEL NO.    | DESCRIPTION  |
|------|------------|--|
| 1.   | 280062200  | VILLAGE OF SHIOCTON ASSESSOR'S PLAT NO. 1,<br>LOT 9,848R455                                  |
| 3.   | 210011100  | MURPHY'S ADD. LOT 18 BLOCK A., LESS E. 50 FEET   |
| 5.   | 1023179000 | OUTLOT ONE (1) IN GLEN CREEK, ACRES IN THE TOWN OF GRAND CHUTE, OUTAGAMIE COUNTY, WISCONSIN. |

IT IS FURTHER ORDER of the Court that Outagamie County, Wisconsin, is vested with an estate in fee simple absolute in all of the lands above described subject, however, to all unpaid taxes and charges which are subsequent to the latest dated Tax Lien appearing on the List of Tax Liens, and recorded restrictions.

IT IS FURTHER ORDER of this Court that all persons, both artificial and natural, including the State of Wisconsin, infants, incompetents, absentees and non-residents who may have had right, title, interest claim, lien or equity in such lands, and all person claiming under or through them, or any of them from and after the last day fixed for redemption of said tax liens, are forever barred and foreclosed of such right, title, interest, claim, lien or equity of redemption.

Dated this \_\_\_\_\_\_\_ day of March, 2004.

BY THE COURT:

HAROLD V. FROEHLICH CIRCUIT COURT JUDGE

| TAX041/FTXRTA             | Tax Master           | Maintenance                             | e 2007                         | INQUIR            |         | 5/07/07<br>09:51:45 |
|---------------------------|----------------------|---|--------------------------------|-------------------|---------|---------------------|
| Parcel# 280 06220         | 0                    | 1                                       | Municipality                   | y VILLAGE C       |         |                     |
| Owners Name:              | OUTAGAMIE CO         | UNTY                                    |                                | Las               | t Main  | t 10/24/06          |
| Mail to Name:             | OUTAGAMIE CO         | ŲŅŢY                                    |                                | Legal De          | escript | ion                 |
| Line 2:                   | 410 S WALNUT         | ST                                      | VILI                           | LAGE OF SHI       | OCTON   | ASSESSORS           |
| Line 3:                   |                      |   | סד אי                          | $\Gamma$ NO. 1 LC | T 9     |                     |
| Line 4:                   |                      |   |                                |                   |         |                     |
| Line 5:                   |                      |   |                                |                   |         |                     |
| City:                     | APPLETON             |   |                                |                   |         |                     |
| City: State/Zip:          | W.I. / ,5,4,9,1,1, - | ,0,0,0,0                                |                                |                   |         |                     |
| Property Address:         | N5593 STATE          | <u>rd 76 </u>                           |                                |                   |         |                     |
| Property Muni:            | VILLAGE OF S         | HIOCTON                                 |                                |                   |         |                     |
| Prop State/Zip:           | WI / 00000 -         | 0,0,0,0,                                |                                |                   |         |                     |
| Sort/Search Address       | ss:                  |   |                                |                   |         |                     |
| Street:                   | STATE RD 76          | , |                                |                   |         |                     |
| Dir/No:                   | N 5593 A             | cre: .                                  |                                | 0                 | Imp:    | 0                   |
|                           |                      | ocument #                               |                                | 7                 |         |                     |
| Fire Sign:                | <b>S</b>             | S/T/R                                   | .:                             | <del></del>       |         |                     |
| Personal/Real:            | R H                  | istory                                  | • <b>:</b> , , , , , , , , , , |                   |         |                     |
| Label Code: Addr:         |                      | rt. vea                                 | • •                            |                   |         |                     |
| Legal: F3=Exit F4=Tax Inf | <u></u>              | ssessed Wit                             | h: , , , , , , , , ,           |                   |         | <u> </u>            |
| F3=Exit F4=Tax Inf        | o F6=Legal F         | '7=Land Val                             | F9=District                    | F10=Notes         |         | -                   |
| F15=Owners F16=Add        | iresses F17=S        | treets F18=                             | History F19:                   | =User Field       | is Rol  | lup/Down            |

Document Number

Document Title

**OUTAGAMIE COUNTY RECEIVED FOR RECORD** 

MAR 1 2 2004

AT 4 O'CLOCK A.M. P.M. JANICE FLENZ REGISTER OF DEEDS

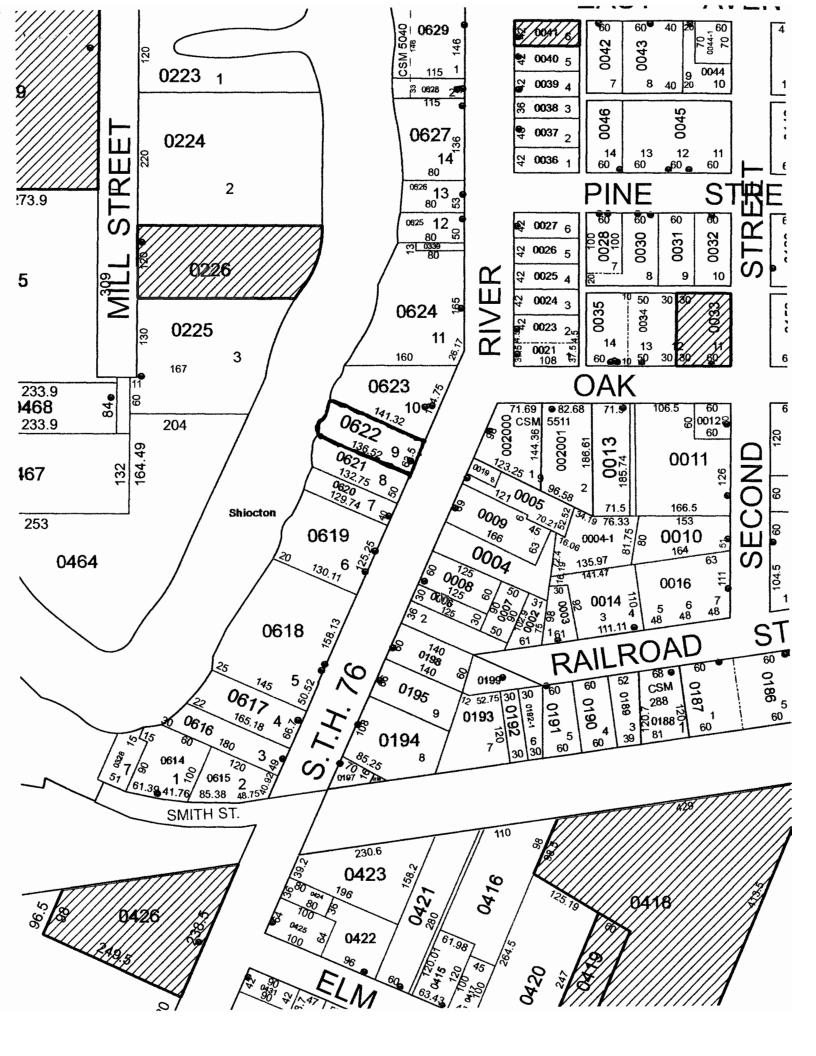
Recording Area

Name and Return Address

Corporation Counsel Outagamie County 410 S. Walnut Street

Appleton WI 54911

280062200 210011100 1023179000 Parcel Identification Number (PIN)



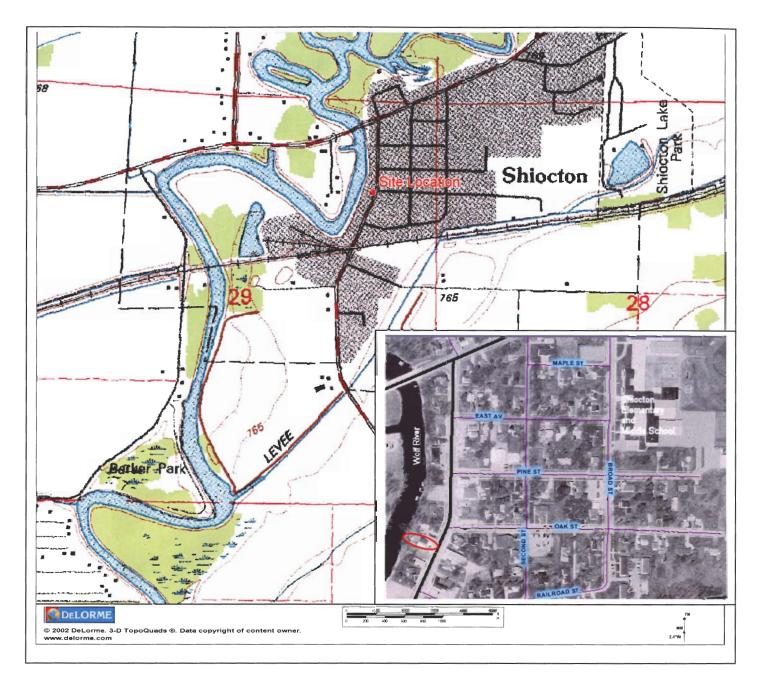




Figure 1 Site Location Map WTM 633032, 441935

Former Sielaff-Andrews Property N5593 Hwy 76 Shiocton, Wisconsin



Project Number: N1882A05

Date: July 5, 2005

One Systems Drive, Appleton, Wisconsin 54914-1654 Phone: (920) 735-6900 Fax: (920) 830-6100

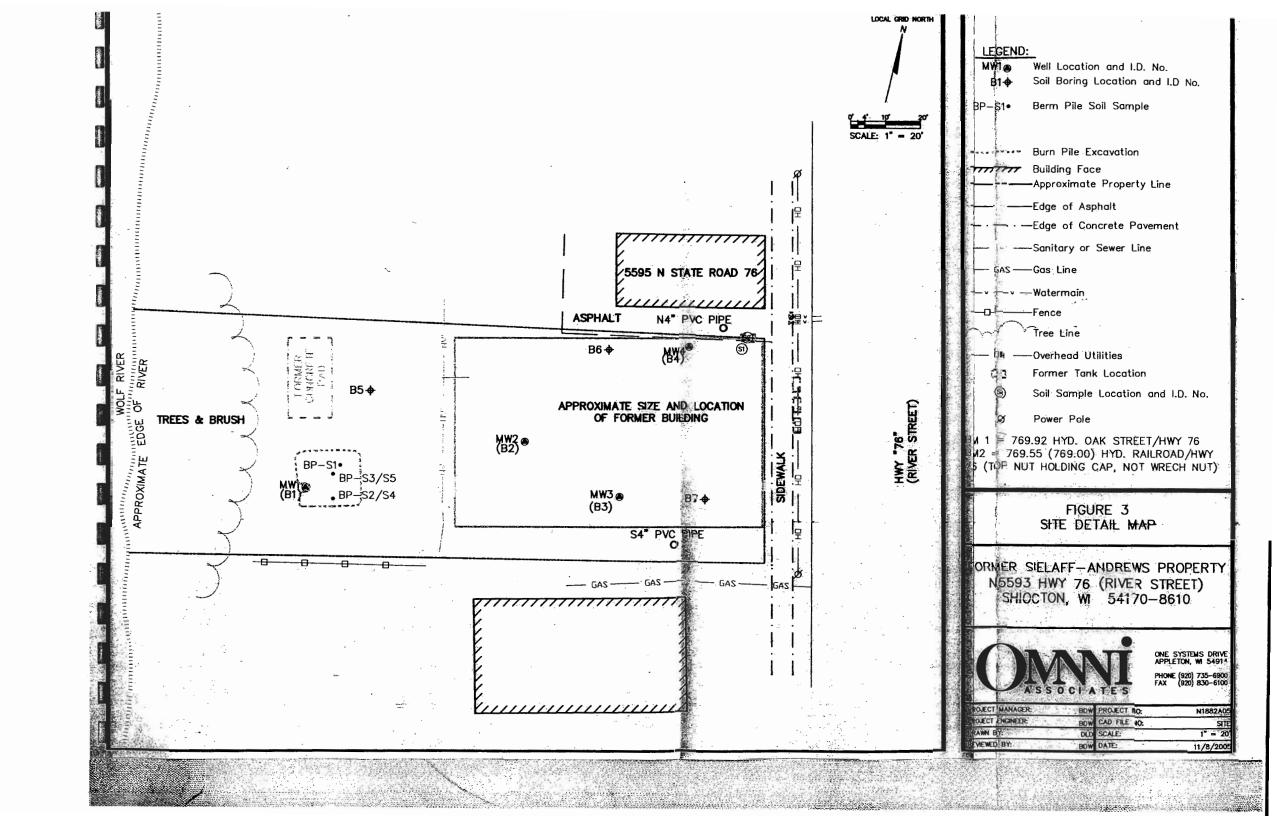


Table 2 - Summary Of Groundwater Results

|                             |                    |                |                    |                      |                 | Det                    | ected V          | OCs, PV              | OCs (µg  | /L)             | -  |                |                                  |                    |
|-----------------------------|--------------------|----------------|--------------------|----------------------|-----------------|------------------------|------------------|----------------------|--|-----------------|--|----------------|----------------------------------|--------------------|
|                             |                    | Benzene        | n-Butyl<br>benzene | sec-Butyl<br>benzene | Chloroform      | 1,2-Dichloro<br>ethane | Ethyl<br>benzene | Isopropyi<br>benzene | p-Isopropyl<br>toluene                           | Naphth<br>alene | n-Propyl<br>benzne                               | Toluene        | Trimethyl<br>benzenes<br>(total) | Xylenes<br>(total) |
| NR 140 I                    |                    | 5              |                    |                      | 6               | 5                      | 700              |                      |  | 40              |  | 1,000          | 480                              | 10,000             |
| NR 140 P                    |                    | 0.5            |                    |                      | 0.6             | 0.5                    | 140              | 10.50                | 10.5   | 8               | 10.50  | 200            | 96                               | 1,000              |
| MW1                         | 8/16/05            | <0.26<br><0.26 | <0.61              | <0.25                | <0.78           | <0.25                  | <0.3<br><0.3     | <0.56                | <0.5   | <0.85           | <0.56  | <0.52<br><0.52 | <1.15<br><1.15                   | <1.17<br><1.17     |
| Elevations msl:             | 11/2/05            | <b>VU.20</b>   |                    |                      |                 |                        | <u> </u>         |                      |  |                 |  | 40.02          | 11.10                            |                    |
| Surface:<br>764.85          |                    |                |                    |                      |                 |                        |                  |                      | <del>                                     </del> |                 |  |                |                                  |                    |
| Top Casing:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 767.62                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Screen:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 761.01                      |                    |                |                    |                      |                 |                        |                  |                      | l ———  |                 |  |                |                                  |                    |
| Bottom Screen:              |                    |                | <u> </u>           |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 751.01                      | 0/40/05            | 40.00          | 40.64              | 40.0E                | 40.79           | 0.2.1                  | <0.2             | <0.50                | <0.5   | <0.85           | <0.56  | <0.52          | <1.15                            | <1.17              |
| MW2                         | 8/16/05<br>11/2/05 | <0.26<br><0.26 | <0.61              | <0.25                | <0.78           | 0.3 J                  | <0.3             | <0.56                | - 1  | -               | - 0.50   | <0.52          | <1.15                            | <1.17              |
| Elevations msl:             | 11/2/03            | <b>10.20</b>   |                    |                      |                 |                        | <b>\(\cdot\)</b> |                      |  |                 |  | 40.02          | 11.10                            | -1.17              |
| Surface:<br>766.67          |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Casing:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 769.07                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Screen:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 761.81                      |                    |                |                    |                      |                 |                        |                  |                      | 1  |                 |  |                |                                  |                    |
| Bottom Screen:              |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 751.81                      | DIACIOE            |                | 1 40.61            | 0.45                 | 244 1           | <0.25                  | 62               | 11                   | 0.65   | 0.2             | 46   | 12             | 27.3                             | 157                |
| MW3                         | 8/16/05<br>11/2/05 | 57<br>153      | <0.61<br>0.88 J    | 0.45 J<br>0.82       | 2.44 J<br><0.78 | <0.25<br><0.25         | 62<br>110        | 7.8                  | 0.65 J   | 8.3<br>18       | 8.7  | 11             | 36.4                             | 120                |
| Elevations msl:<br>Surface: | 11/203             | 100            | 0.00 3             | 0.02                 | 10.70           | 10.20                  | 110              | 7.0                  | 1.10   |                 | 0.7  |                | 30.4                             | 120                |
| 767.39                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Casing:                 | -                  |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 769.91                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Screen:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 762.64                      |                    |                |                    |                      |                 |                        |                  |                      | <u> </u>   |                 |  |                |                                  |                    |
| Bottom Screen:              |                    | <u> </u>       |                    |                      |                 | -                      |                  |                      |  |                 |  |                |                                  |                    |
| 752.64<br>MW4               | 8/16/05            | 641            | 15.4 J             | 3.1 J                | <7.8            | <2.5                   | 209              | 11.3 J               | 8.3 J  | 75              | 19   | 83             | 489                              | 1,511              |
| Elevations msl:             | 11/2/05            | 680            | 12 J               | 4.5 J                | <7.8            | <2.5                   | 370              | 21                   | 7.5 J  | 68              | 30   | 24             | 387                              | 416                |
| Surface:                    | 111200             |                | 120                | 1.00                 |                 |                        |                  |                      | 1.00   |                 |  |                |                                  |                    |
| 767.20                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Casing:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 769.91                      |                    |                |                    |                      |                 |                        |                  |                      | $\perp$  |                 |  |                |                                  |                    |
| Top Screen:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  | <u></u>        |                                  |                    |
| 761.49                      |                    |                |                    |                      |                 |                        |                  |                      | 1  |                 |  |                |                                  |                    |
| Bottom Screen:              |                    |                |                    |                      |                 |                        |                  |                      | <del>  </del>                                    |                 | <del>                                     </del> |                |                                  |                    |
| 751.49<br>N 4" PVC          | 8/16/05            | 18             | <0.61              | 0.96                 | <7.8            | <0.25                  | 0.77 J           | 1.66 J               | 0.68 J   | <0.85           | 1.05 J   | <0.52          | <1.15                            | <1.17              |
| Elevations msl:             | 11/2/05            | 9.5            | 0.64 J             | 1.19                 | <0.78           | <0.25                  | <0.3             | 1.85                 | 1.1 J  | <0.85           | 0.88 J   | <0.52          | <1.15                            | <1.17              |
| Surface:                    |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 767.08                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Casing:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 767.08                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Screen:                 |                    |                | -                  |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| unknown                     |                    |                |                    |                      |                 |                        |                  |                      | <del>                                     </del> |                 |  | <del> </del>   | <b></b>                          |                    |
| Bottom Screen:<br>755,98    |                    |                | -                  |                      |                 |                        |                  |                      | <del>  </del>                                    |                 |  |                |                                  |                    |
| S 4" PVC                    | 8/16/05            | 18             | 0.64 J             | 1.5                  | <7.8            | <0.25                  | 4.3              | 2.6                  | 0.55 J   | <0.85           | 3.3  | <0.52          | 1.6                              | <1.17              |
| Elevations msl:             | 11/2/05            | 4.1            | 0.95 J             | 1.7                  | <0.78           | <0.25                  | 7.8              | 1.9                  | 0.51 J   | 1.8 J           | 3.1  | <0.52          | 12.8                             | 7.16               |
| Surface:                    |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 767.56                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Casing:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 766.83                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Top Screen:                 |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| unknown                     |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| Bottom Screen:              |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |
| 757.58                      |                    |                |                    |                      |                 |                        |                  |                      |  |                 |  |                |                                  |                    |

Table 2 - Summary of Groundwater Results

|                             |                    |                  |  |  |   |  | Detecte                  | a Semiv  | olatiles         | ( <u>µg/L)</u> |  | т                       |                 |  |  |
|-----------------------------|--------------------|------------------|--|--|---|--|--------------------------|--|------------------|----------------|--|-------------------------|-----------------|--|--|
|                             |                    | Ace<br>naphthene | Ace<br>naphthylene                               | Anthracene                                       | Benzo (a)<br>anthracene                           | Benzo (a)<br>pyrene                              | Benzo(b)<br>fluoranthene | Chrysene   | Fluor<br>anthene | Fluorene       | 1-Methyl<br>naphthalene                          | 2-Methyl<br>naphthalene | Naph<br>thalene | Phen<br>anthrene                                 | Pyrene   |
| NR 140                      | ES                 |                  |  | 3,000  |   | 0.2  | 0.2                      | 0.2  | 400              | 400            |  |                         | 40              |  | 250  |
| NR 140                      | PAL                |                  |  | 600  |   | 0.02   | 0.02                     | 0.02   | 80               | 80             |  |                         | 88              |  | 50   |
| WW1                         | 8/16/05            | 0.083            | 0.043  | <0.013   | 0.014 J   | <0.008   | <0.009                   | <0.011   | 0.011 J          | 0.059          | 12   | 20                      | 32              | 0.022 J  | <0.01  |
| Elevations msi:             | 11/2/05            | <0.016           | 0.023 J  | <0.013   | 0.013 J   | <0.008   | <0.009                   | <0.011   | <0.011           | <0.015         | <0.018   | 0.036 J                 | <0.028          | <0.011   | <0.01  |
| Surface:<br>764.85          |                    |                  |  |  |   |  |                          |  |                  |                |  |                         |                 |  |  |
| Top Casing:                 |                    |                  |  |  |   |  |                          |  |                  |                |  |                         |                 |  |  |
| 767.62                      |                    |                  |  |  |   |  |                          |  |                  |                |  |                         |                 |  |  |
| Top Screen:                 |                    |                  |  |  |   |  |                          |  |                  |                | <del></del>                                      | -                       |                 |  |  |
| 761.01                      |                    |                  |  |  |   |  | <u> </u>                 |  |                  |                | <del></del>                                      |                         |                 |  |  |
| Bottom Screen:              |                    |                  |  |  |   |  |                          |  |                  |                |  |                         |                 |  |  |
| 751 01                      | DIACIDE            | 0.21             | 0.041  | 0.28   | 0.028 J   | <0.008   | 0.011 J                  | 0.011 J  | 0.19             | 0.15           | 1.8  | 3.3                     | 6.3             | 0.89   | 0.12   |
| MW2                         | 8/16/05<br>11/2/05 | 0.042 J          | 0.041<br>0.019 J                                 | 0.023 J  | <0.012  | <0.008   | <0.009                   | <0.011   | <0.011           | 0.034 J        | 0.031 J  | 0.045 J                 | 0.190           | <0.011   | <0.01  |
| Elevations msl:             | 11/2/05            | 0.042 3          | 0.0133   | 0.0233   | 10.012  | 30.000   |                          |  |                  |                |  |                         |                 |  |  |
| Surface:<br>766.67          |                    |                  | -  |  | <b> </b>  |  |                          |  |                  |                |  |                         |                 | <u> </u>   |  |
|                             |                    |                  |  |  |   |  |                          |  |                  |                |  |                         |                 |  |  |
| Top Casing:<br>769.07       |                    |                  |  |  |   |  |                          |  |                  |                |  |                         |                 | -  |  |
| Top Screen:                 |                    |                  |  |  |   |  |                          |  |                  |                |  |                         |                 |  |  |
| 761.81                      |                    |                  |  |  |   |  |                          |  |                  | -              |  |                         |                 |  | <u> </u>   |
| Bottom Screen:              |                    |                  |  |  |   |  |                          |  |                  |                |  |                         |                 |  |  |
| 751.81                      |                    |                  |  |  |   | L  | <u> </u>                 |  |                  |                | 1000   | -0.004                  | 0.025           | <0.011   | 0.016 J  |
| MW3                         | 8/16/05            | <0.016           | <0.012   | <0.013   | 0.020 J   | <0.008   | 0.009 J                  | <0.011   | 0.013 J          | <0.015         | <0.018   | <0.021                  | 0.035 J<br>12   | 0.73   | 0.016 J  |
| Elevations msl:             | 11/2/05            | 0.16 J           | 0.071 J  | 0.250  | 0.074 J   | <0.04  | <0.045                   | <0.055   | 0.12 J           | 0.13 J         | 1.8  | 3.9                     |                 | 0.73   | 0.0723   |
| Surface:                    |                    |                  | ļ  | <del></del>                                      |   |  |                          | -  |                  | <del> </del>   | <u> </u>   |                         |                 |  | <del> </del>                                     |
| 767.39                      |                    |                  | <u> </u>   |  | <del>                                      </del> |  | <del> </del>             |  |                  | +              |  |                         |                 |  |  |
| Top Casing:                 |                    |                  |  | <del> </del>                                     | <del> </del> -                                    | <u> </u>   | <del> </del>             |  |                  |                | <del>                                     </del> | -                       |                 |  |  |
| 769.91                      |                    |                  |  |  | <del>                                     </del>  |  | <del></del>              |  |                  | 1              | -  |                         |                 |  |  |
| Top Screen:                 |                    |                  |  | -  | <del> </del>                                      | <del></del>                                      | 1                        | <b> </b>   |                  |                |  |                         |                 |  |  |
| 762.64                      |                    |                  | + -  | <del> </del>                                     | +   |  |                          |  |                  |                |  |                         |                 |  |  |
| Bottom Screen:<br>752.64    |                    |                  | <del>                                     </del> | <del>                                     </del> |   |  |                          |  |                  |                |  |                         |                 |  | <u> </u>   |
| MW4                         | 8/16/05            | <0.016           | <0.012   | <0.013   | 0.038   | 0.017 J  | 0.024 J                  | 0.026 J  | 0.035            | <0.015         | <0.018   | 0.041 J                 | 0.037 J         | 0.015 J  | 0.041  |
| Elevations msl:             | 11/2/05            | <0.16            | <0.12  | <0.13  | <0.12   | <0.08  | <0.09                    | <0.11  | <0.11            | <0.15          | 10   | 14                      | 46              | <0.11  | <0.10  |
| Surface:                    |                    |                  |  |  |   |  |                          | -  | <u> </u>         | -              | -  | <del> </del>            |                 |  | <del> </del>                                     |
| 767.20                      |                    |                  |  |  |   | <u> </u>   |                          |  | ļ                | <del></del>    |  | -                       |                 | <del> </del>                                     | <del> </del>                                     |
| Top Casing:                 |                    |                  |  |  |   | <del> </del>                                     | -                        | -  | <b>-</b>         |                | <del> </del>                                     | -                       |                 | -  |  |
| 769.91                      | <u> </u>           | ļ                | ļ  |  |   | <del>  -</del>                                   | +                        | <del> </del>                                     |                  | +              | -  |                         |                 |  | <del>                                     </del> |
| Top Screen:                 |                    |                  |  |  |   | <del> </del>                                     |                          |  | <del></del>      | +              | -  | <del> </del>            | <del> </del>    | <del>                                     </del> |  |
| 761.49                      |                    | <del> </del>     | <del> </del>                                     | -  | +   | <del>                                     </del> | +                        | <del>                                     </del> | +                |                |  | 1                       | <u> </u>        |  |  |
| Bottom Screen:              |                    |                  | -  | +  |   |  | +                        |  | $\overline{}$    |                |  |                         |                 |  |  |
| 751.49<br>N 4" PVC          | 8/16/05            | <0.016           | <0.012   | <0.013   | 0.015 J   | 0.009 J  | 0.020 J                  | 0.015 J  | 0.033 J          | <0.015         | 0.10   | 0.15                    | 0.24            | 0.035  | .025 J   |
|                             | 11/2/05            | 0.021 J          | 0.012 J  | <0.013   | <0.012  | <0.008   | <0.009                   | <0.011   | <0.011           | 0.019          | 0.080  | <0.021                  | 0.270           | <0.011   | <0.01  |
| Elevations msl:<br>Surface: | 12.5               |                  |  |  |   |  |                          |  |                  |                |  |                         |                 |  |  |
| 767.08                      |                    |                  |  |  |   |  |                          |  |                  |                |  | 1                       |                 |  | <b>_</b>   |
| Top Casing:                 |                    |                  |  |  |   |  |                          |  |                  |                |  | <b>_</b>                |                 |  | <del></del>                                      |
| 767.08                      |                    |                  |  |  |   |  |                          |  |                  | -              | -  | <del></del>             | <del></del>     | -  |  |
| Top Screen:                 |                    |                  |  |  |   |  |                          |  | <u> </u>         |                |  |                         |                 |  | -  |
| unknown                     |                    |                  |  |  |   |  |                          | -  | -                | -              |  |                         |                 | -  | <del>                                     </del> |
| Bottom Screen:              |                    | <u> </u>         | -  | <del></del> _                                    |   |  | -                        |  |                  | +-             | -  | -                       | <del></del>     | -  | +  |
| 755 98                      |                    |                  | 1  |  | 1 00:0:   | 40.000   | 0.044                    | -0.011   | 0.026 J          | <0.015         | 0.075  | 0.16                    | 0.18            | 0.050  | 0.019  |
| S 4" PVC                    | 8/16/05            | <0.016           | <0.012   |  | 0.016 J   | <0.008   | 0.011 J<br><0.009        | <0.011   | <0.011           | 0.028          | +  | 0.19                    | 0.53            | 0.014 J  | <0.01  |
| Elevations msl:             | 11/2/05            | <0.016           | <0.012   | <0.013   | <0.012  | <0.008   | -0.009                   | 40.011   | -0.011           | 3.020          | 1 3.71   | 5.10                    | 1               | 1  | 1  |
| Surface:                    |                    |                  | +  | -  | +   | -  | +                        | -  | +                |                |  | 1                       |                 |  |  |
| 767.56                      |                    |                  |  |  | +   | +  | 1                        |  | -                | +              | 1  |                         |                 |  |  |
| Top Casing:                 |                    |                  | +  |  |   | +  |                          |  | 1                |                |  |                         |                 |  |  |
| 766.83                      |                    | +-               | -  | -  | +   | +  | -                        | 1  | 1                |                |  |                         |                 |  |  |
| Top Screen:                 |                    |                  | -  | 1  | <del> </del>                                      | +  | 1                        | 1  |                  |                |  |                         |                 |  |  |
| unknown                     |                    | +                | +  | +  | -   | <u> </u>   |                          | 1  |                  |                |  |                         |                 |  |  |
| Bottom Screen:              |                    |                  | 1  | 1  | 1   |  |                          |  |                  |                |  |                         |                 |  |  |

Table 2 - Summary of Groundwater Results

| Elevations and 17/2/05   |                                |         | Me   | tals         | Natural Attenuation and Field Parameters |           |       |          |         |          |               |       |  |  |
|--|--------------------------------|---------|------|--------------|--|-----------|-------|----------|---------|----------|---------------|-------|--|--|
| Exclusion and 11/2/05  |                                |         |      | Lead (µg/L)  |  | (Nitrate) | (mg/L |          | Temp °C | Oxygen   | Conductivity  |       | Elevation  |  |
| Scribes  | MW1                            | 8/16/05 |      | _            | 0.06                                     | 1.0       |       | 6.12     | 17.2    | 0.87     | 673           | _     | 754.36   |  |
| TAS 50 Calony Top Care 1   | Elevations msl:                | 11/2/05 | <7.4 | <4.1         | 0.06                                     | 1.4       | 33    | 6.34     | 11.0    | 0.69     | 703           | 17.7  | 756.07   |  |
| Top Casing Per Signer  | Surface:                       |         |      |              |  |           |       |          |         |          |               |       |  |  |
| 787 62 Prog Sceen. 785 91 Prog S | 764.85                         |         |      |              |  |           |       | ļ        |         |          |               |       |  |  |
| Too Screen.    MV2   | Top Casing:                    |         |      | <u> </u>     |  |           |       | <u> </u> |         |          |               |       |  |  |
| 78-19  | 1                              |         |      |              |  |           |       |          |         | <u> </u> |               |       | <del> </del>                                     |  |
| Bottom Screen    MW2   |                                |         |      |              |  |           |       |          |         |          |               |       | <del>                                     </del> |  |
| MY   March   | 1                              |         |      |              |  |           |       |          |         |          | $\vdash$      |       | -  |  |
| MW2 8/16/05 — — 0.45 0.7 — 6.38 15.9 0.97 1,663 — 755.53  Bievations mst. 11/2/05 — — 0.45 1.8 79 6.66 15.3 0.45 1,934 -17,3 757.02  Windows and the state of the | 1                              |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Clicutions mate  | MW2                            | 8/16/05 |      |              | 0.45                                     | 0.7       |       | 6.38     | 15.9    | 0.97     | 1,663         |       | 755.53   |  |
| Surface 799.07 Prop. Celling 7 |                                |         |      |              |  |           | 79    |          |         |          |               |       |  |  |
| Top Casing Page 7  | 1                              |         |      |              |  |           |       |          |         |          |               |       |  |  |
| 7860   | 766.67                         |         |      |              |  |           |       |          |         |          |               |       |  |  |
| 7860   | Top Casing:                    |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Bibliom Screen   Bibl   | 769.07                         |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Bosons Screen  | Top Screen.                    |         |      |              |  |           |       |          |         |          |               |       |  |  |
| MYM3   | 761.81                         |         |      |              |  |           |       |          |         |          |               |       | L  |  |
| MW3 8/16/05 — — 0.07 2.1 — 6.60 17.3 0.57 1,719 — 760.46 Elevations mst: 11/2/05 — — 0.52 2.5 50 6.84 15.5 0.49 1,445 -16.2 760.59 Top Casing: 767.39 Top Casing: 768.91 Top Screen 75.264 Bottom Screen 75.264 Top Casing: 76.26 To | Bottom Screen                  |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Elevations msl: 11/2/05 — — 0.52 2.5 5.0 6.64 15.5 0.49 1,445 -16.2 760.58 Surface 767.39 1  |                                |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Surface 76 7.3 9 76 7 |                                |         |      | _            |  |           | -     |          |         |          |               |       |  |  |
| Top Casing: 767.39 Top Casing: 789.91 Top Screen Top Sc | 1                              | 11/2/05 |      |              | 0.52                                     | 2.5       | 50    | 6.64     | 15.5    | 0.49     | 1,445         | -16.2 | 760.59   |  |
| Top Casing: 769.91 769.91 769.97 762.84 80tion Screen:   |                                |         |      |              |  |           | _     |          |         |          | <del>  </del> |       |  |  |
| Top Screen   Top   |                                |         |      |              |  |           |       |          |         |          | <del> 1</del> |       | <del> </del>                                     |  |
| Top Screen   |                                |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Botton Screen  | I                              |         |      |              |  |           |       |          |         |          |               |       | <del> </del>                                     |  |
| Bottom Screen.   |                                |         |      |              |  |           |       |          | -       |          |               |       |  |  |
| MW4  | 1                              |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Elevations msi: 11/2/05 — — 0.96 2.1 270 6.49 18.0 0.30 3,690 —0.3 760.95 Surface 767 20   | 752.64                         |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Surface 767.20 Top Casing: 769.91 Top Screen. 761.49 Bottom Screen 757.149  N 4" PVC 8/16/05 4.91 3.8 - 6.64 18.1 0.61 4,940 - 760.52 Elevations msl: 11/2/05 3.47 4.4 22 6.69 17.3 0.43 3,020 -16.5 761.19 Surface: 767.08 Top Screen: Unknown Bottom Screen: 8 State: 8         | MW4                            | 8/16/05 |      |              | 0.16                                     | 1.4       |       | 6.42     | 18.6    | 0.74     | 3,800         |       | 760.30   |  |
| Top Casing: 767.20 Top Casing: 768.91 Top Screen:  | Elevations msl:                | 11/2/05 |      |              | 0.96                                     | 2.1       | 270   | 6.49     | 18.0    | 0.30     | 3,690         | -0.3  | 760.95   |  |
| 789 91   | Surface <sup>-</sup><br>767.20 |         |      |              |  |           |       |          |         |          | -             |       | -  |  |
| 789 91   | Top Casing:                    |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Foliary   Foli   | 769.91                         |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Bottom Screen   For PVC   B/16/05   Part   PVC   B/16/05   PVC    | Top Screen.                    |         |      |              |  |           |       |          |         |          |               |       |  |  |
| 751.49  N 4" PVC   | 761.49                         |         |      |              |  |           |       |          |         |          |               |       | L  |  |
| N 4" PVC 8/16/05 — — 4.91 3.8 — 6.64 18.1 0.61 4,940 — 760.52  Elevations msi: 11/2/05 — — 3.47 4.4 22 6.69 17.3 0.43 3,020 -16.5 761.19  Surface: 767.08  | Bottom Screen                  |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Elevations msl: 11/2/05  |                                | 2112/25 |      |              |  |           |       |          | 40.4    | 0.04     | 1 0 10        |       | 700.50   |  |
| Surface: 767.08  Top Casing. 767 08  Top Screen: unknown  Bottom Screen: 755.98  S 4" PVC 8/16/05 — — 2.22 1.6 — 6.65 22.7 0.75 2,850 — 761.10  Elevations msl: 11/2/05 — — 3.65 4.5 100 6.57 13.8 0.45 4,990 -9.9 761.72  Surface 767.56  Top Casing: 766.83 Top Screen: unknown Bottom Screen:   | 1                              |         |      |              | _  |           |       |          |         |          |               |       |  |  |
| 767.08 Top Casing. 767 08 Top Screen: unknown Bottom Screen: 755.98 S 4" PVC 8/16/05 2.22 1.6 - 6.65 22.7 0.75 2,850 - 761.10 Elevations msl: 11/2/05 3.65 4.5 100 6.57 13.8 0.45 4,990 -9.9 761.72 Surface 767.56 Top Casing: 766.83 Top Screen: unknown Bottom Screen:   |                                | 11/2/05 |      | <del>-</del> | 3.47                                     | 4.4       | - 22  | 0.09     | 17.3    | 0.43     | 3,020         | -16.5 | 761.19   |  |
| Top Casing. 767.08 Top Screen: unknown Bottom Screen: 755.98  S 4" PVC 8/16/05 2.22 1.6 - 6.65 22.7 0.75 2,850 - 761.10 Elevations msl: 11/2/05 3.65 4.5 100 6.57 13.8 0.45 4,990 -9.9 761.72 Surface 767.56 Top Casing: 766.83 Top Screen: unknown Bottom Screen:   |                                |         |      |              |  | ·         |       |          |         |          | h             |       | <del> </del>                                     |  |
| 767 08 Top Screen: unknown Bottom Screen: 755.98  S 4" PVC 8/16/05 2.22 1.6 - 6.65 22.7 0.75 2,850 - 761.10 Elevations msl: 11/2/05 3.65 4.5 100 6.57 13.8 0.45 4,990 -9.9 761.72 Surface 767.56 Top Casing: 766.83 Top Screen: unknown Bottom Screen:   |                                |         |      |              |  |           |       |          |         |          |               |       | <u> </u>   |  |
| Top Screen: unknown Bottom Screen: 755.98  S 4" PVC 8/16/05 2.22 1.6 - 6.65 22.7 0.75 2,850 - 761.10  Elevations msl: 11/2/05 3.65 4.5 100 6.57 13.8 0.45 4,990 -9.9 761.72  Surface 767.56  Top Casing: 766.83 Top Screen: unknown Bottom Screen:   |                                |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Bottom Screen: 755.98  | Top Screen:                    |         |      |              |  |           |       |          |         |          |               |       |  |  |
| 755.98  S 4" PVC 8/16/05 2.22 1.6 - 6.65 22.7 0.75 2,850 - 761.10  Elevations msl: 11/2/05 3.65 4.5 100 6.57 13.8 0.45 4,990 -9.9 761.72  Surface 767.56  Top Casing: 766.83  Top Screen: unknown Bottom Screen:   | unknown                        |         |      |              |  |           |       |          |         |          |               |       |  |  |
| S 4" PVC     8/16/05     -     -     2.22     1.6     -     6.65     22.7     0.75     2,850     -     761.10       Elevations msl:     11/2/05     -     -     3.65     4.5     100     6.57     13.8     0.45     4,990     -9.9     761.72       Surface 767.56     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     -     9.9     761.72       Surface 767.56     -     -     -     -     -     -     -     -     -     -     9.9     761.72       Top Casing: 766.83     -     -     -     -     -     -     -     -     -     -     -     -     -     9.9     761.72       Unknown Bottom Screen:     -     -     -     -     -     -     -     -     -     -     -     -     9.9     761.72  | Bottom Screen:                 |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Elevations msl: 11/2/05  | 755.98                         |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Surface 767.56   | S 4" PVC                       |         | _=   |              | _  |           |       |          |         |          |               |       |  |  |
| 767.56  Top Casing: 766.83  Top Screen: unknown Bottom Screen:   | Elevations msl:                | 11/2/05 |      |              | 3.65                                     | 4.5       | 100   | 6.57     | 13.8    | 0.45     | 4,990         | -9.9  | 761.72   |  |
| Top Casing: 766.83   | Surface                        |         |      |              |  |           |       |          |         |          |               |       | -  |  |
| 766.83  Top Screen:  unknown  Bottom Screen:   |                                |         |      |              |  |           |       |          |         |          |               |       | <del>                                     </del> |  |
| Top Screen:  |                                |         |      |              |  |           |       |          |         |          |               |       |  |  |
| unknown Bottom Screen:   | 1                              |         |      |              |  |           |       |          |         |          |               |       |  |  |
| Bottom Screen:   |                                |         |      |              |  |           |       |          |         |          |               |       |  |  |
|  | I                              |         |      |              |  |           |       |          |         |          |               |       |  |  |
|  | 757.58                         |         |      |              |  |           |       |          |         |          |               |       |  |  |

**Table 1 Soil Sample Summary** 

|                            |                      |                    | Soil            |              | Detected volatile organic compounds (VOCs) over LOD (µg/kg) |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
|----------------------------|----------------------|--------------------|-----------------|--------------|---|-------------|----------------------|--------------------|------------------|----------------------|--|---------------------------------------|---------------------|--------------------------------|--------------------------------|--------------------|
| Boring &<br>Sample         | Sample Date          | Depth*<br>(fbg)    | Condi-<br>tions | PID (iui)    | GRO<br>(mg/kg)  | Benzene     | sec-Butyl<br>benzene | n-Butyl<br>benzene | Ethyl<br>benzene | Isopropyl<br>benzene | p-Isopropyl<br>toluene                           | Naphthalene                           | n-Propyl<br>benzene | 1,2,4-<br>Trimethyl<br>benzene | 1,3,5-<br>Trimethyl<br>benzene | Xylenes<br>(total) |
| NR 720.09 R                | CLs based on pr      | otection of g      | roundw          | ater         | 100   | 5.5         |                      |                    | 2,900            |                      |  |                                       |                     |                                |                                | 4,100              |
| NR 746.06 To<br>Soil Pores | able 1, Indicators   | of Residual P      | etroleum        | Product in   |   | 8,500       |                      |                    | 4,600            |                      |  | 2,700                                 |                     | 83,000                         | 11,000                         | 42,000             |
| 1                          | able 2, Protection   |                    | alth from       | n Direct     |   | 1,100       |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| Contact with<br>S1         | Contaminated Soi     |                    | U               | - 0.0        |   | 1,100       |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| S1<br>S2                   | 06/24/05<br>06/24/05 | tank backfill<br>6 | SZ              | 2.0<br>2,100 | 370   | _           |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| B1-1                       | 00/24/05             | 0.0-2.0            | U               | 0.0          | 3/0   |             |                      |                    |                  | <b></b>              |  |                                       | _                   |                                |                                |                    |
| B1-2                       |                      | 2.5-4.5            | Ü               | 0.0          |   |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| B1-2                       | 07/07/05             | 5.0-7.0            | Ü               | 0.1          |   |             |                      |                    |                  |                      | <del> </del>                                     |                                       |                     |                                |                                |                    |
| B1-4                       | 07707700             | 7.5-9.5            | SZ              | 0.5          |   | <25         | <25                  | <25                | <25              | <25                  | <25  | <25                                   | <25                 | <25                            | <25                            | <75                |
| B1-5                       |                      | 10.0-12.0          | S               | 0.5          |   | 123         | 123                  |                    | \25              | \25                  | \25  | -25                                   |                     | 125                            | 125                            | 1/5                |
| B2-1                       |                      | 0.0-2.0            | U               | 0.3          |   |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| B2-2                       |                      | 2.5-4.5            | U               | 0.1          |   |             |                      |                    |                  |                      | <del></del>                                      |                                       |                     |                                |                                |                    |
| B2-3                       | 07/07/05             | 5.0-7.0            | U               | 0.1          | _   | <25         | <25                  | <25                | <25              | <25                  | <25  | <25                                   | <25                 | <25                            | <25                            | <75                |
| B2-4                       | 1 07707700           | 7.5-9.5            | Ü               | 0.2          |   | 1 125       | ~25                  | 123                | 123              | 123                  | 123  |                                       | 125                 | 123                            | 120                            | 173                |
| B2-5                       |                      | 10.0-12.0          | s               | 0.3          |   |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| B3-1                       |                      | 0.0-2.0            | U               | 6.7          | _   | <25         | <25                  | 38                 | <25              | <25                  | <25  | 28                                    | <25                 | 123                            | 63                             | 67                 |
| B3-2                       |                      | 2.5-4.5            | Ü               | 4.2          |   | 123         | 123                  | 30                 | 123              | 1 123                | 125  | 20                                    |                     | 123                            | 03                             | 07                 |
| B3-3                       | 07/07/05             | 5.0-7.0            | Ü               | 0.4          |   |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| B3-4                       | 07707700             | 7.5-9.5            | S               | 2,1          |   |             |                      |                    |                  | <del></del>          |  |                                       |                     |                                |                                |                    |
| B3-5                       |                      | 10.0-12.0          | S               |              |   |             |                      |                    |                  |                      | <del>                                     </del> |                                       |                     |                                |                                |                    |
| B4-1                       |                      | 0.0-2.0            | U               | 15.0         |   |             |                      |                    |                  |                      | <del> </del>                                     |                                       |                     |                                |                                |                    |
| B4-2                       | 1                    | 2.5-4.5            | Ü               | 0.1          |   |             |                      |                    |                  |                      | <del>                                     </del> |                                       |                     |                                |                                |                    |
| B4-3                       | 07/07/05             | 5.0-7.0            | SZ              | 51.0         | _   | 33          | <25                  | <25                | 38               | <25                  | <25  | <25                                   | 29                  | <25                            | <25                            | <75                |
| B4-4                       | 07/07/03             | 7.5-9.5            | S               | 6.4          |   | 33          | \25                  | \25                | 30               | 120                  | -25  |                                       | 25                  |                                | ~25                            | \73                |
| B4-5                       |                      | 10.0-12.0          | S               | 1.8          |   |             |                      |                    |                  |                      | <del>                                     </del> |                                       |                     |                                |                                |                    |
| B5-1                       |                      | 0.0-2.0            | U               | 0.2          |   |             |                      |                    |                  |                      | <del>                                     </del> | · · · · · · · · · · · · · · · · · · · |                     |                                |                                |                    |
| B5-2                       |                      | 2.5-4.5            | U               | 0.1          |   |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| B5-3                       | 07/07/05             | 5.0-7.0            | Ü               | 0.1          |   |             |                      |                    |                  |                      | <del>                                     </del> |                                       |                     |                                |                                |                    |
| B5-4                       | 07707700             | 7.5-9.5            | SZ              | 0.1          |   |             |                      |                    |                  |                      |  |                                       | <u> </u>            |                                |                                |                    |
| B5-5                       |                      | 10.0-12.0          | S               | 0.1          | _   | <25         | <25                  | <25                | <25              | <25                  | <25  | <25                                   | <25                 | <25                            | <25                            | <75                |
| B6-1                       |                      | 0.0-2.0            | U               | 0.1          | <del></del>   | 123         |                      | \25                | 123              | 123                  | 25   |                                       | \23                 | 123                            | 125                            | ~73                |
| B6-2                       |                      | 2.5-4.5            | U               | 0.1          |   |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| B6-3                       | 07/07/05             | 5.0-7.0            | SZ              | 0.0          |   |             |                      |                    |                  | -                    | -  |                                       |                     |                                |                                |                    |
| B6-4                       | 07,07,00             | 7.5-9.5            | S               | 0.1          |   |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| B6-5                       |                      | 10.0-12.0          | S               | 2.0          |   | 272         | 67                   | 83                 | 54               | 60                   | 76   | <25                                   | 105                 | 65                             | <25                            | 75                 |
| B7-1                       |                      | 0.0-12.0           | U               | 0.4          |   | 212         | 07                   | 00                 | 34               | - 50                 | 70   | -20                                   | 105                 | 00                             | 120                            | 75                 |
| B7-1                       |                      | 2.5-4.5            | U               | 0.4          |   |             |                      |                    | <del> </del>     |                      |  |                                       |                     |                                |                                |                    |
| B7-2                       | 07/07/05             | 5.0-7.0            | SZ              | 71.8         |   | <25         | <25                  | <25                | <25              | <25                  | <25  | <25                                   | <25                 | 291                            | 85                             | <75                |
| B7-3                       | 37,37,03             | 7.5-9.5            | S               | 5.9          |   | 1 725       | 720                  | ~25                | 125              | 25                   | -25  | ~20                                   | -25                 | 291                            | - 05                           | 15                 |
| B7-4                       |                      | 10.0-12.0          | S               | 2.0          |   |             |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |
| BP-S1                      | 07/07/05             | 0.5                | U               | 2.0          |   |             | _                    |                    | _                |                      | <del>  _  </del>                                 |                                       | _                   | _                              |                                | _                  |
| BP-S2                      | 09/12/05             | 2.0                | Ü               |              |   | <del></del> |                      |                    |                  |                      |  |                                       |                     |                                |                                |                    |

#### Table 1 Soil Sample Summary

|                    |                  |                 | Soil            |           |                |         |                      |                    | Detected vo      | latile organi        | c compound             | s (VOCs) over I | OD (µg/kg)          |                                |                                |                    |
|--------------------|------------------|-----------------|-----------------|-----------|----------------|---------|----------------------|--------------------|------------------|----------------------|------------------------|-----------------|---------------------|--------------------------------|--------------------------------|--------------------|
| Boring &<br>Sample | Sample Date      | Depth*<br>(fbg) | Condi-<br>tions | PID (iui) | GRO<br>(mg/kg) | Benzene | sec-Butyl<br>benzene | n-Butyl<br>benzene | Ethyl<br>benzene | Isopropyl<br>benzene | p-Isopropyl<br>toluene | Naphthalene     | n-Propyl<br>benzene | 1,2,4-<br>Trimethyl<br>benzene | 1,3,5-<br>Trimethyl<br>benzene | Xylenes<br>(total) |
| NR 720.09 R        | CLs based on pro | otection of g   | roundw          | ater      | 100            | 5.5     |                      |                    | 2,900            |                      |                        |                 |                     |                                |                                | 4,100              |
| BP-S3              | 09/12/05         | 2.0             | U               | _         |                | _       | _                    | _                  | _                | _                    | _                      |                 | _                   | _                              | _                              | _                  |
| BP-Landfill        | 09/12/05         | composite       | _               | _         | _              | _       | _                    | _                  | _                | _                    |                        | _               |                     | _                              | _                              | _                  |
| BP-S4              | 11/02/05         | 5               | U               | _         |                | _       | _                    | _                  | _                | _                    | _                      | _               | _                   | _                              | _                              | _                  |
| BP-S5              | 11/02/05         | 5               | U               | _         |                | _       | _                    | _                  | _                |                      |                        | _               | -                   | _                              | _                              | _                  |
| BP-Landfill 2      | 11/02/05         | composite       | _               | _         |                | _       | _                    |                    | _                | _                    | _                      |                 |                     | _                              | _                              | _                  |

Table 1 Soil Sample Summary

|                    |                       |                   |                | Soil            | Detected semivolatile organic compounds over LOD (μg/kg) |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
|--------------------|-----------------------|-------------------|----------------|-----------------|--|-------------------------|---------------------|-------------------------------|----------|------------------|-------------------------|------------------|------------|--|--|--|
| Boring &<br>Sample | Sample Date           | Depth*<br>(fbg)   | PID (iui)      | Condi-<br>tions | Anthracene   | Benzo (a)<br>anthracene | Benzo (a)<br>pyrene | Benzo (b)<br>fluor<br>anthene | Chrysene | Fluor<br>anthene | 1-Methyl<br>naphthalene | Phen<br>anthrene | Pyrene     |  |  |  |
| Suggested ger      | neric RCLs in soil gr | oundwater path    |                |                 | 3,000,000  | 17,000                  | 48,000              | 360,000                       | 37,000   | 500,000          | 23,000                  | 1,800            | 8,700,000  |  |  |  |
| Suggested ge       | neric RCLs in soil    | direct contact    | path - non-in  | dustrial        | 5,000,000  | 88                      | 8.8                 | 88                            | 8,800    | 600,000          | 1,100,000               | 18,000           | 500,000    |  |  |  |
| Suggested ger      | neric RCLs in soil di | rect contact pati | h - industrial |                 | 300,000,000  | 3,900                   | 390                 | 3,900                         | 390,000  | 40,000,000       | 70,000,000              | 390,000          | 30,000,000 |  |  |  |
| S1                 | 06/24/05              | tank backfill     | 2.0            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| S2                 | 06/24/05              | 6                 | 2,100          | SZ              |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B1-1               |                       | 0.0-2.0           | 0.0            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B1-2               |                       | 2.5-4.5           | 0.1            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B1-3               | 07/07/05              | 5.0-7.0           | 0.1            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B1-4               |                       | 7.5-9.5           | 0.5            | SZ              | <34  | <54                     | <59                 | <42                           | <38      | <42              | <37                     | <20              | <58        |  |  |  |
| B1-5               |                       | 10.0-12.0         | 0.5            | S               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B2-1               |                       | 0.0-2.0           | 0.3            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B2-2               |                       | 2.5-4.5           | 0.1            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B2-3               | 07/07/05              | 5.0-7.0           | 0.1            | U               | 128  | 246                     | 200                 | 349                           | 277      | 504              | 52 J                    | 619              | 466        |  |  |  |
| B2-4               |                       | 7.5-9.5           | 0.2            | Ü               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B2-5               |                       | 10.0-12.0         | 0.3            | S               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B3-1               |                       | 0.0-2.0           | 6.7            | U               | 35 J   | 85 J                    | 82 J                | 164                           | 104 J    | 153              | <37                     | 145              | 178 J      |  |  |  |
| B3-2               |                       | 2.5-4.5           | 4.2            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B3-3               | 07/07/05              | 5.0-7.0           | 0.4            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B3-4               |                       | 7.5-9.5           | 2.1            | S               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B3-5               |                       | 10.0-12.0         |                | S               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B4-1               |                       | 0.0-2.0           | 15.0           | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B4-2               |                       | 2.5-4.5           | 0.1            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B4-3               | 07/07/05              | 5.0-7.0           | 51.0           | SZ              | <34  | <54                     | <59                 | <42                           | <38      | <42              | <37                     | <20              | <58        |  |  |  |
| B4-4               |                       | 7.5-9.5           | 6.4            | S               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B4-5               |                       | 10.0-12.0         | 1.8            | S               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B5-1               |                       | 0.0-2.0           | 0.2            | U               | _  |                         | _                   |                               | _        |                  |                         |                  |            |  |  |  |
| B5-2               |                       | 2.5-4.5           | 0.1            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B5-3               | 07/07/05              | 5.0-7.0           | 0.1            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B5-4               |                       | 7.5-9.5           | 0.1            | SZ              |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B5-5               |                       | 10.0-12.0         | 0.1            | S               | <34  | <54                     | <59                 | <42                           | <38      | <42              | <37                     | <20              | <58        |  |  |  |
| B6-1               |                       | 0.0-2.0           | 0.1            | U               | ļ  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B6-2               |                       | 2.5-4.5           | 0.0            | U               |  |                         |                     |                               |          |                  | ļ                       |                  |            |  |  |  |
| B6-3               | 07/07/05              | 5.0-7.0           | 0.1            | SZ              |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B6-4               |                       | 7.5-9.5           | 0.1            | S               |  | 15.4                    | .=-                 |                               | 100      | 10               | 400                     | 100              | -50        |  |  |  |
| B6-5               |                       | 10.0-12.0         | 2.0            | S               | <34  | <54                     | <59                 | <42                           | <38      | <42              | 102 J                   | <20              | <58        |  |  |  |
| B7-1               |                       | 0.0-2.0           | 0.4            | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B7-2               | 07/07/05              | 2.5-4.5           | 0.4            | U               | 10.1   |                         | 150                 | 110                           | 100      | - 40             | 407                     | 400              | 7E0        |  |  |  |
| B7-3               | 07/07/05              | 5.0-7.0           | 71.8           | SZ              | <34  | <54                     | <59                 | <42                           | <38      | <42              | <37                     | <20              | <58        |  |  |  |
| B7-4               |                       | 7.5-9.5           | 5.9            | S               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| B7-5               | 07/07/05              | 10.0-12.0         | 2.0            | S               |  |                         |                     |                               |          |                  | -                       |                  |            |  |  |  |
| BP-S1              | 07/07/05              | 0.5               |                | U.              |  | _                       |                     | _                             |          |                  | _                       |                  |            |  |  |  |
| BP-S2              | 09/12/05              | 2.0               |                | U               |  |                         |                     |                               |          |                  |                         |                  |            |  |  |  |
| BP-S3              | 09/12/05              | 2.0               |                | U               | _  |                         |                     | _                             |          |                  |                         |                  |            |  |  |  |
| BP-Landfill        | 09/12/05              | composite         |                | _               | _  |                         |                     |                               |          |                  | _                       |                  |            |  |  |  |

### Table 1 Soil Sample Summary

|   | Sample Date | Depth*<br>(fbg) | PID (iui) | Soil<br>Condi-<br>tions | Detected semivolatile organic compounds over LOD (μg/kg) |                         |                     |                               |            |                  |                         |                  |        |  |
|---|-------------|-----------------|-----------|-------------------------|--|-------------------------|---------------------|-------------------------------|------------|------------------|-------------------------|------------------|--------|--|
| Boring &<br>Sample  |             |                 |           |                         | Anthracene   | Benzo (a)<br>anthracene | Benzo (a)<br>pyrene | Benzo (b)<br>fluor<br>anthene | Chrysene   | Fluor<br>anthene | 1-Methyl<br>naphthalene | Phen<br>anthrene | Pyrene |  |
| Suggested generic RCLs in soil groundwater path                     |             |                 |           | 3,000,000               | 17,000   | 48,000                  | 360,000             | 37,000                        | 500,000    | 23,000           | 1,800                   | 8,700,000        |        |  |
| Suggested generic RCLs in soil direct contact path - non-industrial |             |                 |           | 5,000,000               | 88   | 8.8                     | 88                  | 8,800                         | 600,000    | 1,100,000        | 18,000                  | 500,000          |        |  |
| Suggested generic RCLs in soil direct contact path - industrial     |             |                 |           | 300,000,000             | 3,900  | 390                     | 3,900               | 390,000                       | 40,000,000 | 70,000,000       | 390,000                 | 30,000,000       |        |  |
| BP-S4   | 11/02/05    | 5               | _         | U                       | _  | _                       | _                   | _                             |            | _                | _                       | _                | _      |  |
| BP-S5   | 11/02/05    | 5               | _         | U                       | _  | _                       | _                   | _                             |            | _                | _                       |                  |        |  |
| BP-Landfill 2   | 11/02/05    | composite       | _         | _                       |  | _                       |                     |                               | _          | _                |                         | _                |        |  |

**Table 1 Soil Sample Summary** 

|  |  |                    |           | Soil             | Inorganic Analysis (mg/kg) |        |              |                                      |      |  |          |                |                |
|--|--|--------------------|-----------|------------------|----------------------------|--------|--------------|--------------------------------------|------|--|----------|----------------|----------------|
| Boring &<br>Sample                           | Sample Date                              | Depth*<br>(fbg)    | PID (iui) | Condi-<br>tions  | Arsenic                    | Barium | Cadmium      | Chromium Hex /<br>Chromium Trivalent | Lead | Mercury  | Selenium | Silver         | TCLP<br>(mg/l) |
| NR 720.11 RCLs Direct Contact Non-industrial |  |                    |           |                  | 0.039                      |        | 8            | 14 / 16,000                          | 50   |  |          |                |                |
| NR 720.11 RCL                                | NR 720.11 RCLs Direct Contact Industrial |                    |           |                  | 1.6                        |        | 510          | 200 / not applicable                 | 500  |  |          |                |                |
| S1   | 06/24/05                                 | tank backfill      | 2.0       | U                |                            |        |              |                                      |      |  |          |                |                |
| S2   | 06/24/05                                 | 6                  | 2,100     | SZ               |                            |        |              |                                      |      |  |          |                |                |
| B1-1   |  | 0.0-2.0            | 0.0       | U                |                            |        |              |                                      |      |  |          |                |                |
| B1-2   | 07/07/05                                 | 2.5-4.5            | 0.1       | U                |                            |        |              |                                      |      |  |          |                |                |
| B1-3   |  | 5.0-7.0            | 0.1       | U                |                            |        |              |                                      |      |  |          |                |                |
| B1-4   |  | 7.5-9.5            | 0.5       | SZ               |                            | -      |              | <b>–</b>                             |      | _  |          |                | _              |
| B1-5   |  | 10.0-12.0          | 0.5       | S                |                            |        |              |                                      |      |  |          |                |                |
| B2-1   |  | 0.0-2.0            | 0.3       | U                |                            |        |              |                                      |      |  |          |                |                |
| B2-2   |  | 2.5-4.5            | 0.1       | U                |                            |        |              |                                      |      |  |          |                |                |
| B2-3   | 07/07/05                                 | 5.0-7.0            | 0.1       | U                |                            | _      | _            | _                                    |      |  |          |                |                |
| B2-4   |  | 7.5-9.5            | 0.2       | U                |                            |        |              |                                      |      |  |          |                |                |
| B2-5   |  | 10.0-12.0          | 0.3       | S                |                            |        |              |                                      |      |  |          |                |                |
| B3-1   |  | 0.0-2.0            | 6.7       | U                |                            |        |              | <b>-</b>                             |      |  | _        |                |                |
| B3-2   |  | 2.5-4.5            | 4.2       | U                |                            |        |              |                                      |      |  |          |                |                |
| B3-3   | 07/07/05                                 | 5.0-7.0            | 0.4       | U                |                            |        |              |                                      |      |  |          |                |                |
| B3-4   |  | 7.5-9.5            | 2.1       | S                |                            |        |              |                                      |      |  |          |                |                |
| B3-5   |  | 10.0-12.0          |           | S                |                            |        |              | ļ                                    |      |  |          |                |                |
| B4-1   |  | 0.0-2.0            | 15.0      | U                |                            |        |              |                                      |      |  |          |                |                |
| B4-2   | 07/07/05                                 | 2.5-4.5            | 0.1       | U                |                            |        |              |                                      |      |  |          |                |                |
| B4-3   | 07/07/05                                 | 5.0-7.0            | 51.0      | SZ               |                            |        |              | _                                    |      |  |          |                |                |
| B4-4   |  | 7.5-9.5            | 6.4       | S                |                            |        | ļ <u>.</u>   |                                      |      |  |          |                |                |
| B4-5   |  | 10.0-12.0          | 1.8       | S                | 0.000 1                    | 07     | 0.07         | 77                                   | 40   | 0.0000 1   | 0.20 1   | <0.0027        |                |
| B5-1   |  | 0.0-2.0            | 0.2       | U                | 0.032 J                    | 27     | 0.37         | 7.7                                  | 43   | 0.0080 J   | 0.38 J   | <0.0037        |                |
| B5-2   | 07/07/05                                 | 2.5-4.5            | 0.1       | U                |                            |        |              |                                      |      |  |          |                |                |
| B5-3<br>B5-4                                 | 07/07/05                                 | 5.0-7.0<br>7.5-9.5 | 0.1       | SZ               |                            |        |              | <del> </del>                         |      |  |          |                |                |
| B5-4<br>B5-5                                 |  | 10.0-12.0          | 0.1       | SZ               |                            |        | <del> </del> |                                      |      |  |          |                |                |
| B6-1   |  | 0.0-12.0           | 0.1       | Ü                |                            |        | <u> </u>     |                                      |      |  |          | <b>-</b>       |                |
| B6-2   | ł  | 2.5-4.5            | 0.0       | 1 0              |                            |        |              | -                                    |      |  |          |                |                |
| B6-2   | 07/07/05                                 | 5.0-7.0            | 0.0       | sz               |                            |        | ·            |                                      |      |  |          |                |                |
| B6-4   | 07,07,03                                 | 7.5-9.5            | 0.1       | S                |                            |        | -            |                                      |      |  |          |                |                |
| B6-5   | 1  | 10.0-12.0          | 2.0       | S                | _                          | _      |              | _                                    |      | <del></del>                                      |          |                | _              |
| B7-1   |  | 0.0-12.0           | 0.4       | Ü                | <del></del>                |        | <del> </del> |                                      |      | <del>                                     </del> |          | <del> </del> _ |                |
| B7-1   | 1  | 2.5-4.5            | 0.4       | <del>l ŭ l</del> |                            |        | <b> </b>     |                                      |      |  | -        |                |                |
| B7-3   | 07/07/05                                 | 5.0-7.0            | 71.8      | SZ               |                            |        |              |                                      |      |  |          | _              |                |
| B7-4   | 1 01701703                               | 7.5-9.5            | 5.9       | S                |                            |        |              |                                      |      |  |          |                |                |
| B7-5   | 1  | 10.0-12.0          | 2.0       | s                |                            |        |              |                                      |      |  |          |                |                |
| BP-S1  | 07/07/05                                 | 0.5                |           | <del>l ŭ</del> l | 2.8                        | 150    | 2.6          | 23                                   | 530  | 0.028  | 1.6      | < 0.0037       | _              |
| BP-S2  | 09/12/05                                 | 2.0                |           | Ŭ                | 4.7                        | _      |              |                                      | 200  | _  |          | _              | _              |
| BP-S3  | 09/12/05                                 | 2.0                |           | Ü                | <2.5                       | _      | _            | _                                    | 130  | _  | _        | _              | _              |
| BP-Landfill                                  | 09/12/05                                 | composite          | _         |                  | 15                         |        | _            | _                                    | 220  | _  | _        | _              | <0.5           |
| BP-S4  | 11/02/05                                 | 5                  | _         | U                | <0.074                     | _      | _            | _                                    | 10   | _  | _        | _              | _              |
| BP-S5  | 11/02/05                                 | 5                  | _         | U                | < 0.015                    | _      | _            | _                                    | 3.0  | _  | _        | _              | _              |
| BP-Landfill 2                                |  | composite          | _         |                  | < 0.015                    | _      | _            | _                                    | 43   |  | _        | _              | _              |

**Table 3 - Groundwater Elevation Data** 

|  |                             |                |        |        | N. All DVC | S. 4" PVC |  |  |  |
|--|-----------------------------|----------------|--------|--------|------------|-----------|--|--|--|
| Well Name  | MW1                         | MW2            | MW3    | MW4    | N. 4" PVC  | 5. 4" PVC |  |  |  |
| WI Unique Well No.   | PI415                       | Pl416          | PI417  | PI418  |            |           |  |  |  |
| Top of PVC Casing<br>Elevation (MSL)   | 767.62                      | 769.07         | 769.91 | 769.32 | 767.08     | 766.83    |  |  |  |
| Ground Surface<br>Elevation (MSL)  | 764.85                      | 766.67         | 767.39 | 767.20 | 767.08     | 767.56    |  |  |  |
| Depth to Bottom of<br>Well* (ft)   | 16.61                       | 17.26          | 17.27  | 17.83  | 11.10      | 9.25      |  |  |  |
| Screen Top* (MSL)  | <i>7</i> 61.01              | 761.81         | 762.64 | 761.49 | unk        | unk       |  |  |  |
| Screen Bottom* (MSL)   | <i>7</i> 51.01              | <i>7</i> 51.81 | 752.64 | 751.49 | 755.98     | 757.58    |  |  |  |
| Screen Length (ft)   | 10                          | 10             | 10     | 10     | unk        | unk       |  |  |  |
| Sample Date  | Groundwater Elevation (MSL) |                |        |        |            |           |  |  |  |
| 07/27/05   | 754.88                      | 756.28         | 760.50 | 760.68 | 760.99     | 761.31    |  |  |  |
| 08/16/05   | <i>7</i> 54.36              | <i>7</i> 55.53 | 760.46 | 760.30 | 760.52     | 761.10    |  |  |  |
| 11/02/05   | 756.07                      | 757.02         | 760.59 | 760.95 | 761.19     | 761.72    |  |  |  |
| Average Water Surface<br>Elevation   | 755.10                      | 756.28         | 760.52 | 760.64 | 760.90     | 761.38    |  |  |  |
| Avgerage Depth to Water**  | 9.75                        | 10.39          | 6.87   | 6.56   | 6.18       | 6.18      |  |  |  |
| Median Depth to<br>Water**   | 9.97                        | 10.39          | 6.89   | 6.52   | 6.09       | 6.25      |  |  |  |
| Minimum Depth to Water**   | 8.78                        | 9.65           | 6.80   | 6.25   | 5.89       | 5.84      |  |  |  |
| Maximum Depth to Water**   | 10.49                       | 11.14          | 6.93   | 6.90   | 6.56       | 6.46      |  |  |  |
| Groundwater elevations used to determine soil conditions (i.e. saturated, smear zone, unsaturated) | B1, B5                      | В2             | B3, B6 | B4     | S1, S2     | B7        |  |  |  |

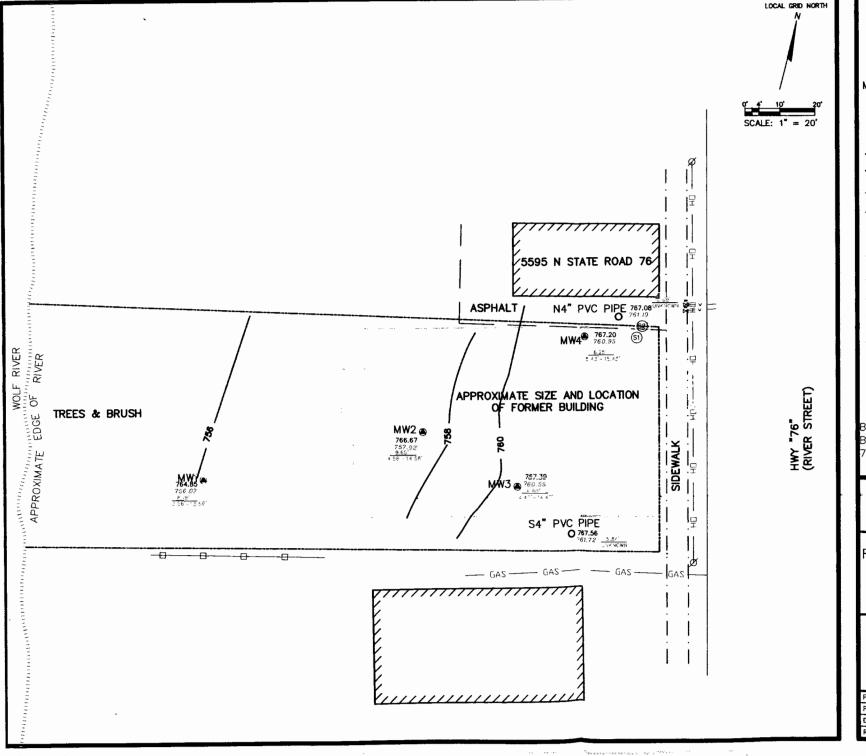
MSL = Mean Sea Level

Blank cell = data was not obtained or available.

Red and/or bold font indicates water elevation above screened interval

<sup>\*</sup>Measured from top of PVC casing.

<sup>\*\*</sup> Feet below surface.



LEGEND:

W1 Well Location and I.D. No.

\_\_\_\_\_\_\_ Groundwater Contour Line

Burn Pile Excavation

Building Face

----Approximate Property Line

- Edge of Asphalt

 $\cdot$  —  $\cdot$  —Edge of Concrete Pavement

--- Sanitary or Sewer Line

— GAS — Gas Line

v --- watermain

-----Fence

Tree Line

- DH ——Overhead Utilities

Former Tank Location

Soil Sample Location and I.D. No.

Ø Power Pole

BM 1 = 769.92 HYD. OAK STREET/HWY 76 BM2 = 769.55 (769.00) HYD. RAILROAD/HWY 76 (TOP NUT HOLDING CAP, NOT WRECH NUT)

# FIGURE 5 GROUNDWATER ELEVATION CONTOUR MAP (11/2/2005)

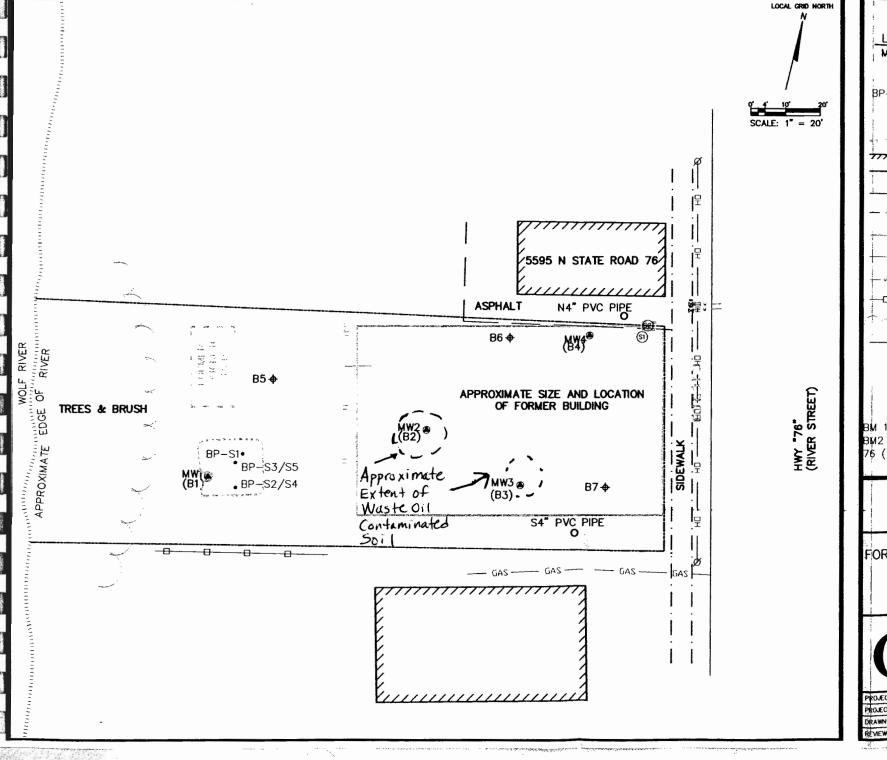
FORMER SIELAFF-ANDREWS PROPERTY N5593 HWY 76 (RIVER STREET) SHIOCTON, WI 54170-8610



ONE SYSTEMS DRIVE APPLETON, W 54914

PHONE (920) 735-6900 FAX (920) 830-6100

| ROJECT MANAGER:  | BDW | PROJECT NO:  | N1882A05  |
|------------------|-----|--------------|-----------|
| ROJECT ENGINEER: | BDW | CAD FILE NO: | SITE      |
| RAWN BY:         | DLD | SCALE:       | 1" = 20"  |
| EVIEWED BY:      | BDW | DATE:        | 11/8/2005 |



Tree Line

Overhead Utilities

Former Tank Location

Soil Sample Location and I.D. No.

Ø Power Pole

BM 1 = 769.92 HYD. OAK STREET/HWY 76 BM2 = 769.55 (769.00) HYD. RAILROAD/HWY 76 (TOP NUT HOLDING CAP, NOT WRECH NUT)

#### FIGURE 3 SITE DETAIL MAP

FORMER SIELAFF-ANDREWS PROPERTY N5593 HWY 76 (RIVER STREET) SHIOCTON, WI 54170-8610



 PROJECT MANAGER:
 BDW
 PROJECT NO:
 N1882A05

 PROJECT ENGINEER:
 BDW
 CAD FILE NO:
 SITE

 DRAWN BY:
 DLD
 SCALE:
 1" = 20"

 REVIEWED BY:
 BDW
 DATE:
 11/8/2005

ONE SYSTEMS DRIVE APPLETON, W 54914 PHONE (920) 735-6900 FAX (920) 830-6100



# **OUTAGAMIE COUNTY**

410 S. WALNUT ST. APPLETON, WI 54911 TELEPHONE: (920) 832-5065 FAX NO. (920) 832-4923

#### OFFICE OF THE TREASURER

May 7, 2007

STATE OF WISCONSIN DEPARTMENT OF NATURAL RESOURCES

RE: ANDREWS-SIELAFF VILLAGE OF SHIOCTON

#### DEAR SIR OR MADAM:

In regards to your review of the Andrews-Sielaff property at N5593 State Road 76 (River Street) Village of Shiocton, BRRTS # 02-45-543401.

I'm sending you a copy of the Judgment where Outagamie County took title, also a copy of our AS-400 description which matches the Tax Bill, and finally a copy of our GIS Mapping. All have the same legal description.

Village of Shiocton Assessor's Plat NO 1, Lot 9

Sincerely,

Rick Pauls

Outagamie County Real Property Lister