

GIS REGISTRY

Cover Sheet

May, 2009
(RR 5367)

Source Property Information

BRRTS #:

ACTIVITY NAME:

PROPERTY ADDRESS:

MUNICIPALITY:

PARCEL ID #:

CLOSURE DATE:

FID #:

DATCP #:

COMM #:

*WTM COORDINATES:

X: Y:

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

WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- | | |
|---|---|
| <input checked="" type="checkbox"/> Groundwater Contamination > ES (236) | <input checked="" type="checkbox"/> Soil Contamination > *RCL or **SSRCL (232) |
| <input checked="" type="checkbox"/> Contamination in ROW | <input checked="" type="checkbox"/> Contamination in ROW |
| <input checked="" type="checkbox"/> Off-Source Contamination
<i>(note: for list of off-source properties
see "Impacted Off-Source Property")</i> | <input checked="" type="checkbox"/> Off-Source Contamination
<i>(note: for list of off-source properties
see "Impacted Off-Source Property")</i> |

Land Use Controls:

- | | |
|--|--|
| <input type="checkbox"/> N/A (Not Applicable) | <input checked="" type="checkbox"/> Cover or Barrier (222)
<i>(note: maintenance plan for
groundwater or direct contact)</i> |
| <input type="checkbox"/> Soil: maintain industrial zoning (220)
<i>(note: soil contamination concentrations
between non-industrial and industrial levels)</i> | <input type="checkbox"/> Vapor Mitigation (226) |
| <input checked="" type="checkbox"/> Structural Impediment (224) | <input type="checkbox"/> Maintain Liability Exemption (230)
<i>(note: local government or economic
development corporation)</i> |
| <input checked="" type="checkbox"/> Site Specific Condition (228) | |

Monitoring Wells:

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

- Yes No N/A

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

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

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

BRRTS #: 03-41-001238

PARCEL ID #: 275-8995-000, 275-8984-000, 275-116-000

ACTIVITY NAME: Village of Shorewood Public Works Yard

WTM COORDINATES: X: 691546 Y: 292511

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

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

SOURCE LEGAL DOCUMENTS

- Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
Figure #: 1, 2, 3 Title: Village of Shorewood, Harder Hughes Subdivision of High School Terrace
- Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

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

- Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
Note: Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.
Figure #: 1 Title: Site Location Map
- Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 1 Title: Site Plan Map
- Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
Figure #: 6 Title: Soil Quality Map

BRRTS #: 03-41-001238

ACTIVITY NAME: Village of Shorewood Public Works Yard

MAPS (continued)

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

Figure #: 3 Title: Geological Cross Section Location Map

Figure #: 4 & 5 Title: Geologic Cross Section A-A' and B-B'

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

Note: This is intended to show the total area of contaminated groundwater.

Figure #: 9A Title: Groundwater Quality Map

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

Figure #: 7A Title: Water Table Contour Map 10-24-04

Figure #: 7B Title: Water Table Contour Map 4-16-03

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

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

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

Table #: 2 Title: Soil Analytical Results (Pre-Remediation) Shorewood Public Works Yard

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

Table #: 2 & 3 Title: Groundwater Quality Results Shorewood Public Works Yard

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

Table #: 1 Title: Depth to Groundwater & Product Measurements Shorewood Public Works Yard

IMPROPERLY ABANDONED MONITORING WELLS

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

Not Applicable

Site Location Map: A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.

Note: If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.

Figure #: Title:

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

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

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

BRRTS #: 03-41-001238

ACTIVITY NAME: Village of Shorewood Public Works Yard

NOTIFICATIONS

Source Property

- Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying current source property owner.

Off-Source Property

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

- Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.
Number of "Off-Source" Letters: 1
- Return Receipt/Signature Confirmation:** Written proof of date on which confirmation was received for notifying any off-source property owner.
- Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.
Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- Letter To "Governmental Unit/Right-Of-Way" Owners:** Copies of all letters sent by the Responsible Party (RP) to a city, village, municipality, state agency or any other entity responsible for maintenance of a public street, highway, or railroad right-of-way, within or partially within the contaminated area, for contamination exceeding a groundwater Enforcement Standard (ES) and/or soil exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
Number of "Governmental Unit/Right-Of-Way Owner" Letters: 1

Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

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

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

BRRTS #:

ACTIVITY NAME:

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
<input type="text" value="A"/>	<input type="text" value="Parcel West of Village of Shorewood Public Works Yard(3801 N. Morris Blvd)"/>	<input type="text" value="275-8997-001"/>	<input type="text" value="691510"/>	<input type="text" value="292533"/>
<input type="text" value="B"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="C"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="D"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="E"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="F"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="G"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="H"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="I"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Matthew J. Frank, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

August 12, 2009

Village of Shorewood
Attn: Leeann Butschlick, Director of Public Works
3801 North Murray Avenue
Shorewood, WI 53211-2219

Subject: Final Case Closure with Land Use Limitations or Conditions for the Village of Shorewood Public Works Yard 3801 North Morris Boulevard Shorewood, WI

FID: 03-41-001238
FID: 241218230
PECFA: 53211-2219-01

Dear Ms Butschlick:

On February 16, 2008, the Wisconsin Department of Natural Resources Southeast Regional Closure Committee ("the Department") reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On February 20, 2006, you were notified that the Closure Committee had granted conditional closure to this case.

On August 4, 2009, the Department received correspondence indicating that you have complied with the requirements of closure. The groundwater monitoring well abandonment forms, revised Building and Pavement Barrier Maintenance Plan, USGS topographic map, and Parcel ID numbers were submitted to the Department.

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

GIS Registry

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

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- If a structural impediment that obstructs a complete site investigation or cleanup is removed or modified, additional environmental work must be completed
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier
- Groundwater contamination is present above Chapter NR 140 enforcement standards

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

the GIS Registry.

Closure Conditions

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

Remaining Residual Soil Contamination and Structural Impediments

Residual soil contamination remains at the locations indicated on the enclosed Soil Quality Map, Figure 6, as indicated in the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains.

Structural impediments existing at the time of cleanup, the DPW Main Garage, made complete investigation and remediation of the soil contamination on this property impracticable. Pursuant to s. 292.12(2)(b), Wis. Stats., if the structural impediments on this property that are described above are removed, the property owner shall conduct an investigation of the degree and extent of petroleum and metal contamination.

For both remaining residual soil contamination and structural impediments, if contamination is found at that time, the Wisconsin Department of Natural Resources shall be immediately notified and the contamination shall be properly remediated in accordance with applicable statutes and rules. If soil in the specific locations described above is excavated, 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.

Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement and building foundation that currently exists in the location shown on the attached map shall be maintained in compliance with **the attached maintenance plan** in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site, and the inspection log need only be submitted to the Department upon request.

Prohibited Activities

The following activities are prohibited on any portion of the property where [pavement, a building foundation, soil cover, engineered cap or other barrier] 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.

Remaining Residual Groundwater Contamination

Groundwater impacted by petroleum-related contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present both on the contaminated property and off the contaminated property; see enclosed Groundwater Quality Map Figure 9A. Off-property owners have been notified of the presence of groundwater contamination. For more detailed information regarding the locations where groundwater samples have been collected (i.e., monitoring well locations) and the associated contaminant concentrations, refer to the Remediation and Redevelopment Program's GIS Registry at the RR Sites Map page at <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

The Department appreciates the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact John J. Hnat at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment Program Assistant Vicky Stovall (414-263-8688) at the above address.

Sincerely,



James A. Schmidt
Remediation and Redevelopment Team Supervisor
Southeast Region

Enclosures: Sigma Environmental Village of Shorewood Soil Quality Map, Figure 6, 10.21.2002
 Sigma Environmental Village of Shorewood Groundwater Quality Map, Figure 9A, 8.26.2003
 Building and Pavement Barrier Maintenance Plan, July 2009

C: Ross Creighton, Sigma Environmental
 WDNR SER Files

BUILDING AND PAVEMENT BARRIER MAINTENANCE PLAN

VILLAGE OF SHOREWOOD PUBLIC WORKS YARD

July 2009

Property Located at: 3801 North Morris Boulevard, Shorewood, Wisconsin

FID #241218230 BRRTS #03-41-001238

TAX #275-8984-000

Parts of Lot numbered One (1) in the North One-half (N. ½) of the North East One-quarter (N.E. ¼) of Section numbered Nine (9), in Township numbered Seven (7) North, of Range numbered Twenty-two (22) East, bounded and described as follows:

Commencing at the North East corner of the North East Quarter (N.E. ¼) Section numbered Nine (9), in Township numbered Seven (7) North, of Range Twenty-two (22) East, thence South 89°12'00" West 1801.14 feet; thence South 27° 20' 38" East 1110.54 feet to the place of beginning of the land to be described; thence South 63° 30' 22" West 150.27 feet to the East line of Right of Way of the Chicago and Northwestern Railway; thence south 34° 48' 05" East along the East line of said Right of Way 315.20 feet; thence North 89° 11' 55" East 122.25 feet; thence North 27° 20' 38" West 367.16 feet to the place of beginning, containing one acre, in the Village of Shorewood, Milwaukee, County, Wisconsin.

Introduction

This document is the Maintenance Plan for a pavement barrier at the above-referenced property in accordance with the requirements of s. NR 724.13(2), Wisconsin Administrative Code. The maintenance activities relate to the existing building and other paved surfaces occupying the area over the contaminated plume or soil on-site. The contaminated groundwater plume is impacted by intermittent residual free product at SVE-11 and benzene in wells east of the Department of Public Works Main Garage. The location of the paved surfaces to be maintained in accordance with this Maintenance Plan, as well as the impacted groundwater plume is identified in the attached map (Exhibit A).

Cover and Building Barrier Purpose

The paved surfaces over the contaminated groundwater plume and intermittent free product serve as a barrier to prevent direct human contact with residual soil contamination that might otherwise pose a threat to human health. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

Annual Inspection

The paved surfaces overlying the contaminated groundwater plume and as depicted in Exhibit A will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause exposure to underlying soils. The inspections will be performed to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the property owner and is included as Exhibit B, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed, they will be documented in the inspection log and a copy of the inspection log will be kept on site.

Maintenance Activities

If problems are noted during the annual inspections or at any other time during the year, repairs will be scheduled as soon as practical. Repairs can include patching and filling operations or they can include larger resurfacing or construction operations. In the event that necessary maintenance activities expose the underlying soil, the owner must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personal protection equipment ("PPE"). The owner must also sample any soil that is excavated from the site prior to disposal to ascertain if contamination remains. The soil must be treated, stored and disposed of by the owner in accordance with applicable local, state and federal law.

In the event the paved surfaces overlying the contaminated groundwater plume are removed or replaced, the replacement barrier must be equally impervious. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined in this Maintenance Plan unless indicated otherwise by the WDNR or its successor.

The property owner, in order to maintain the integrity of the paved surfaces will maintain a copy of this Maintenance Plan on-site and make it available to all interested parties (i.e. on-site employees, contractors, future property owners, etc.) for viewing.

Amendment or Withdrawal of Maintenance Plan

This Maintenance Plan can be amended or withdrawn by the property owner and its successors with the written approval of WDNR.

Contact Information

November 2005

Site Owner and Operator: Village of Shorewood, Milwaukee County, Wisconsin, a
Municipal Corporation
Mr. James Bartnicki or Mr. Chris Swartz
3930 N. Murray Avenue
Shorewood, WI 53211
(414) 847-2650

Consultant: Sigma Environmental Services, Inc.
Ross Creighton
1300 W. Canal Street
Milwaukee, WI 53233
(414) 643-4200

WDNR: Mr. John Hnat
2300 N. Martin Luther King Drive
Milwaukee, WI 53212
(414) 263-8644

ANALYTICAL KEY

- B = BENZENE
 - T = TOLUENE
 - E = ETHYLBENZENE
 - X = TOTAL XYLENES
 - N = NAPHTHALENE
 - THB = TOTAL TRIMETHYLBENZENE
 - LEAD
 - PVOCs = PETROLEUM VOLATILE ORGANIC COMPOUNDS
 - NO = NOT ANALYZED
 - NA = NOT DETECTED
 - () = EXCEEDS NR 140 ES
- ALL CONCENTRATIONS EXPRESSED IN MICROGRAMS PER LITER (UG/L)
- ONLY COMPOUNDS WITH CONCENTRATIONS THAT EXCEED PAL ARE PRESENTED

EXISTING BUILDING & PAVEMENT BARRIER REQUIRING MAINTENANCE

ESTIMATED EXTENT OF PETROLEUM CONCENTRATIONS IN GROUNDWATER THAT EXCEED CHAPTER NR140 ES

SVL-29

DATE	7-18-92	7-14-92	8-23-92	8-10-92	2-4-00	1-23-01	5-11-01	9-11-01	12-27-01
B	16	10	15	10	12	10	12	11	10
E	12	10	12	10	12	10	12	11	10
X	5	5	5	5	5	5	5	5	5
T	1	1	1	1	1	1	1	1	1
N	1	1	1	1	1	1	1	1	1
THB	1	1	1	1	1	1	1	1	1

PVOCs

DATE	3-24-96	10-24-00	1-23-01	5-11-01	9-11-01	12-27-01	1-16-03	10-12-04
B	111	110	159	119	117	117	117	117
E	140	140	160	120	120	120	120	120
X	15	15	17	17	17	17	17	17
T	173	173	192	160	160	160	160	160
N	140	140	160	120	120	120	120	120
THB	173	173	192	160	160	160	160	160

PVOCs

DATE	11-23-01	5-11-01	9-11-01	12-27-01
B	0.24	2.9	0.13	0.13

PVOCs

DATE	3-24-96	10-24-00	1-23-01	5-11-01	9-11-01	12-27-01	1-16-03	10-12-04
B	111	110	159	119	117	117	117	117
E	140	140	160	120	120	120	120	120
X	15	15	17	17	17	17	17	17
T	173	173	192	160	160	160	160	160
N	140	140	160	120	120	120	120	120
THB	173	173	192	160	160	160	160	160

PVOCs

DATE	10-24-00	1-23-01	5-11-01	9-11-01	12-27-01	1-16-03	10-12-04
B	130	172	2.9	1.5	1.5	1.5	1.5
E	11	11	8.7	7.7	7.7	7.7	7.7
X	11	11	8.7	7.7	7.7	7.7	7.7
T	11	11	8.7	7.7	7.7	7.7	7.7
N	11	11	8.7	7.7	7.7	7.7	7.7
THB	11	11	8.7	7.7	7.7	7.7	7.7

PVOCs

DATE	10-24-00	1-23-01	5-11-01	9-11-01	12-27-01	1-16-03	10-12-04
B	130	172	2.9	1.5	1.5	1.5	1.5
E	11	11	8.7	7.7	7.7	7.7	7.7
X	11	11	8.7	7.7	7.7	7.7	7.7
T	11	11	8.7	7.7	7.7	7.7	7.7
N	11	11	8.7	7.7	7.7	7.7	7.7
THB	11	11	8.7	7.7	7.7	7.7	7.7

SVL-11

DATE	10-24-00	1-23-01	5-10-01	9-11-01	12-27-01
B	140	150	141	131	130
E	230	150	141	89	84
X	140	130	131	131	131
T	140	130	131	131	131
N	140	130	131	131	131
THB	140	130	131	131	131

PVOCs

DATE	10-24-00	1-23-01	5-10-01	12-27-01
B	2	4	0.51	0.54
E	2	4	0.51	0.54
X	2	4	0.51	0.54
T	2	4	0.51	0.54
N	2	4	0.51	0.54
THB	2	4	0.51	0.54

BETX MW-1

DATE	2-7-92
B	131

PVOCs

DATE	10-24-00
B	6.77

SVL-1

DATE	10-24-00
B	5.8

BETX MW-3

DATE	2-7-92
B	116.000
E	116.000
T	116.000
N	116.000
THB	116.000

GRAPHIC SCALE

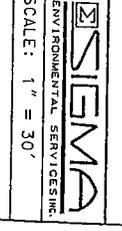
0 15 30 60

- LEGEND**
- ☉ = MONITORING WELL LOCATION
 - X = SOIL VAPOR EXTRACTION WELL
 - = SVE PIPING
 - = FORMER PRODUCT PIPING / UST LOCATION
 - = STORE SEWER LINE
 - = SANITARY SEWER LINE
 - = WATER LINE

VILLAGE OF SHOREWOOD
SHOREWOOD, WISCONSIN

DATE: 8-26-03 DR. BY: BEB DR. # 6256-013

SCALE: 1" = 30'



GROUNDWATER QUALITY AND BARRIERS REQUIRING MAINTENANCE EXHIBIT A

Exhibit B
Barrier INSPECTION LOG

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



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Jim Doyle, Governor
Scott Hassett, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212-3128
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

February 20, 2006

Mr. James Bartnicki
Village of Shorewood Director of Public Works
3801 North Morris Boulevard
Shorewood, WI 53211-0016

Subject: Conditional Closure for the Village of Shorewood Public Works Yard, 38901 North Morris Boulevard, Shorewood, WI

FID: 241218230
BRRTS: 03-41-001238
PECFA: 53211-2219-01-A

Dear Mr. Bartnicki:

On February 16, 2006, the Wisconsin Department of Natural Resources reviewed your request for closure of the case described above. Additional information requested in the Department's letter dated July 8, 2005, was submitted by Sigma Environmental and received on February 6, 2006. The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Department has determined that the petroleum contamination from the underground storage tanks and associated piping located onsite appears to have been investigated and remediated to the extent practicable under site conditions. Your case meets the screening criteria of s. NR 746.07 or s. NR 746.08, Wis. Adm. Code, and the requirements of ch. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied:

1. The groundwater monitoring wells and any soil vapor extraction system, air sparging wells, and/or other remediation system wells at the site must be properly abandoned in compliance with ch. NR 141, Wis. Admin. Code. Documentation of well abandonment must be submitted to this office on Form 3300-5B found at www.dnr.state.wi.us/org/water/dgw/gw within 60-days on receipt of this letter as required in s. NR 726.05(8)(a)1 and s. NR 141.25 Wis. Admin. Code. The Department requires the abandonment of these wells before issuing a final closure letter.
2. The Department has reviewed and approved the draft Deed Restriction and the Building and Pavement Barrier Maintenance Plan document for completeness, you will need to sign it if you own the property, or have the appropriate property owner sign it, and have it recorded by the Milwaukee County Register of Deeds. **Then you must submit a copy of the recorded document, with the recording information stamped on it, to me within 30 days of receiving the final, approved deed document from the Department.** Please be aware that if a deed restriction is recorded for the wrong property because of an inaccurate legal description or parcel identification number that you have provided, you will be responsible for recording corrected documents at the Register of Deeds Office. Deed Restrictions shall be signed and recorded for the

property within 90-days on receipt of conditional closure letters as specified in s. NR 726.05(8)(b), Wisconsin Administrative Code.

3. There is one correction to the Building and Pavement Barrier Maintenance Plan before you file the document as follows:
 - Under Annual Inspection, delete the last sentence, "A copy of the inspection log will be sent to the Wisconsin Department of Natural Resources ("WDNR") at least annually after every inspection, unless otherwise directed in the case closure letter." Copies do not have to be sent to the Department, but should be available for reviewing at later dates.

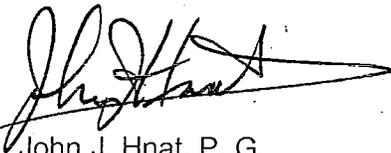
Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit <http://maps.dnr.state.wi.us/brrts>.

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

Please be aware that the case may be reopened pursuant to s. NR 726.09, Wis. Adm. Code, if additional information regarding site conditions indicates that contamination on or from the site poses a threat to public health, safety, or welfare or to the environment.

If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment Program Assistant Vicky Stovall (414-263-8688) at the above address.

Sincerely,



John J. Hnat, P. G.
Senior Hydrogeologist
Southeast Region
Remediation and Redevelopment

C: Monica Weiss, Commerce
Ross Creighton, Sigma Environmental
WDNR SER Files

J. DRUECKER SONS' CO.

GRANTY DEED - By Corporation

STATE OF WISCONSIN

VILLAGE OF SHOREWOOD

This Indenture

Made this 19th

A. D. 1929

organized and existing under and by virtue of the laws of the State of Wisconsin, known as Shorewood, Wisconsin, a Corporation... VILLAGE OF SHOREWOOD, Milwaukee County, Wisconsin, a Municipal Corporation...

Witnesseth, That the said party of the first part, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration... paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged...

numbered One (1) in the North One-half (N. 1/2) of the North East One-quarter (N.E. 1/4) of Section numbered Nine (9), in Township numbered Seven (7) North, of Range numbered Twenty-two (22) East, bounded and described as follows:

Commencing at the North East corner of the North East Quarter (N.E. 1/4) of Section numbered Nine (9), in Township numbered Seven (7) North, of Range Twenty-two (22) East, bearing South 12° 00' 00" West, 1801.14 feet; thence South 27° 20' 38" East 110.54 feet to the place of beginning of the road to be described; thence South 62° 30' 22" West 150.27 feet to the East line of Right of Way of the Milwaukee and Northern Railway; thence South 34° 48' 06" East along the East line of said Right of Way 315.28 feet thence South 1° 55" East 122.25 feet; thence North 27° 20' 38" West 357.16 feet to the place of beginning... in the Village of Shorewood, Milwaukee County, Wisconsin.

Together with all and singular the hereditaments and appurtenances therunto belonging or in anywise appertaining to the same, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy...

To have and to hold the said premises as above described with the hereditaments and appurtenances therunto in anywise appertaining to the said party of the second part, and its successors FOREVER.

And the said J. DRUECKER SONS' COMPANY, party of the first part, for itself and its successors, does covenant, grant, bargain and agree as and with the said party of the second part, its successors and assigns, that at the time of the executing and delivery of these presents it is well seized of the premises above described...

and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming the same... In witness whereof, the said J. DRUECKER SONS' COMPANY, party of the first part, has caused these presents to be signed by JOHN P. DRUECKER, its President, and countersigned by LOUIS W. SANDERS, its Secretary, at Shorewood, Wisconsin, and to be sealed and dated this 19th day of April, A. D. 1929.

Signed and Sealed in Presence of William Janger Maurice A. McCabe

Imp. Corporate Seal

J. DRUECKER SONS' COMPANY Corporate Name John P. Druecker President Louis W. Sanders Secretary

State of Wisconsin, Milwaukee County, Personally came before me, this 19th day of April, A. D. 1929, JOHN P. DRUECKER, President, and LOUIS W. SANDERS, Secretary...

Received for Record this 15 day of June, D. 1929, at 10:40 o'clock A.M. Phillip C. Westfahl Register.

Imp. Notarial Seal

Notary Public County, Wis. My Commission Expires A. D. 1933

This Indenture, Made this 6th day of August, A. D. 1928, between Harde-Hughes Realty Co. a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Shorewood, Village of Shorewood, a municipal corporation, located in Milwaukee County, Wis.,

part y of the second part. With intent, That the said party of the first part, for and in consideration of the sum of One dollar and other good and valuable considerations, to it paid by the said party y of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party y of the second part, its successors heirs and assigns forever, the following described real estate, situated in the County of Milwaukee and State of Wisconsin, to-wit: Lot numbered Twenty-one (21) in Block numbered Three (3), Harde-Hughes Subdivision of High School Terrace, being a subdivision in the Northeast One-quarter (N.E. 1/4) of Section Nine (9), Township Seven (7) North of Range Twenty-two (22) East, in the Village of Shorewood.

Together with all and singular the hereditaments and appurtenances therunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances. On Here and in Hold the said premises as above described with the hereditaments and appurtenances, unto the said party y of the second part, and to his heirs and assigns FOREVER.

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

And that the above bargained premises in the quiet and peaceable possession of the said party y of the second part, its successors heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT and DEFEND. In Witness Whereof, the said Harde-Hughes Realty Co. party of the first part, has caused these presents to be signed by Charles L. Harde, its President, and countersigned by Orrin R. Hughes, its Secretary, at Shorewood, Wisconsin, and its corporate seal to be hereunto affixed, this 6th day of August, A. D. 1928.

Signed and Sealed in Presence of
C. E. Hamersley
Theodore B. Olson
Estate of Wisconsin
Milwaukee County
Personally came before me, this 6th day of August, A. D. 1928, Charles L. Harde, President, and Orrin R. Hughes, Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers of the said Corporation, by its authority.
Received for Record this 21 day of Jan. A. D. 1932, 9:15 AM
Phillips C. Westfall, Register, No. 1886806
Charles E. Hamersley, Notary Public, Milwaukee, Wis. My Commission expires August 10, A. D. 1930

BURKE & WAITKUS, INC. TO NELLIE BETHIA
STATE OF WISCONSIN, Form No. 3

This Indenture Made this 20th day of January, A. D. 1932, between Burke & Waitkus, Inc. a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, Wisconsin, party of the first part, and Nellie Bethia,

part y of the second part. With intent, That the said party of the first part, for and in consideration of the sum of One (\$1.00) Dollar and other good and valuable considerations, to it paid by the said party y of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party y of the second part, her heirs and assigns forever, the following described real estate, situated in the County of Milwaukee and State of Wisconsin, to-wit: A piece of land in the Southeast Quarter (SE 1/4) of Section numbered Thirty-one (31) in Township numbered Seven (7) North of Range numbered Twenty-one (21) East, in the Town of Watrossa, described as follows: Commencing at a point which is 45 feet East of and 1919.32 feet North of the Southwest corner of said Quarter Section; thence East 126.47 feet; thence South 80 feet; thence West 126.23 feet; thence North 80 feet to the place of beginning, the same being a fraction of an acre, and also known as Lots 2 and 3, in Block 4 in the tentative approved plat of Greenfield Gardens Subdivision.

Together with all and singular the hereditaments and appurtenances therunto belonging or in any wise appertaining; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first part, either in law or equity, either in possession or expectancy of, in and to the above bargained premises, and their hereditaments and appurtenances. On Here and in Hold the said premises as above described with the hereditaments and appurtenances, unto the said party y of the second part, and to her heirs and assigns FOREVER.

And the said Burke & Waitkus, Inc. party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party y of the second part, her heirs and assigns, that at the time of the executing and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever, except existing mortgage indebtedness now on record in the amount of about \$5,000.00; also all outstanding taxes and any and all other liabilities against the above described property.

And that the above bargained premises in the quiet and peaceable possession of the said party y of the second part, her heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT and DEFEND. In Witness Whereof, the said Burke & Waitkus, Inc. party of the first part, has caused these presents to be signed by David S. Burke, its President, and countersigned by A. A. Waitkus, its Secretary, at Milwaukee, Wisconsin, and its corporate seal to be hereunto affixed, this 20th day of January, A. D. 1932.

Signed and Sealed in Presence of
Sydney M. Leshin
Norman B. Silver
Estate of Wisconsin
Burke & Waitkus, Inc.
David S. Burke
A. A. Waitkus
Corporate Seal
Corporate Name
President

August

THIS INDENTURE, Made this 31st day of September,
 A.D., 1946, between Edward E. Hess and Hilda Hess, his wife,
 parties of the first part, and the Village of Shorewood of
 Milwaukee County, Wisconsin, a Municipal Corporation, party
 of the second part.

WITNESSETH, That the said parties of the first part,
 for and in consideration of the sum of Four Thousand Nine Hund-
 red Seventy-five Dollars (\$4,975.00) to them in hand paid by
 the said party of the second part, the receipt whereof is
 hereby confessed and acknowledged, has given, granted, bargained,
 sold, remised, released, aliened, conveyed and confirmed, and
 by these presents does give, grant, bargain, sell, remise, re-
 lease, alien, convey and confirm unto the said party of the
 second part, its heirs and assigns forever, the following de-
 scribed real estate, situated in the County of Milwaukee and
 State of Wisconsin, to-wit:

That part of the N.E. $\frac{1}{4}$ of Section 9, T. 7,
 N., R. 22 E. in the Village of Shorewood, commenc-
 ing at the northeast corner of said Section 9,
 thence south 89° 12' 00" west along the north line
 of Section 9, 1801.14 feet; thence south 27° 20'
 38" east along the westerly line of Harder Hughes
 Subdivision of High School Terrace 600.22 feet to
 the northwest corner of Lot 6 Block 7 Harder Hughes
 Subdivision of High School Terrace the place of be-
 ginning of the land to be described: Thence south
 62° 39' 22" west (at right angles to westerly line
 of Harder Hughes Subdivision of High School Terrace)
 216.42 feet to the easterly line of the Chicago
 Northwestern Railway right-of-way; thence south
 34° 50' east along the easterly right-of-way line
 of said railway; 252.11 feet to the north line of
 the present village property; thence north 62°
 39' 22" east along the north line of village pro-
 perty 143.58 feet to a point; thence north 27°
 20' 38" west along a line which is 40 feet westerly
 of and parallel to the westerly line of Harder
 Hughes Subdivision of High School Terrace 222.80
 feet to a point; thence north 62° 39' 22" east 40
 feet to the westerly line of Harder Hughes Sub-
 division of High School Terrace; thence north
 27° 20' 38" west along the westerly line of Harder
 Hughes Subdivision of High School Terrace 27.16 feet
 to the place of beginning; containing 0.943 acre.

Subject to the following easements, to-wit:

(a) A 15 foot easement, in favor of John P. Druecker, his heirs and assigns for the purpose of gaining access to an egress from, by vehicle and by foot, to the parcel of land owned by John P. Druecker his heirs, assigns, and invitees, which adjoins and is contiguous to the parcel of land herein conveyed and which easement is described as follows:

Commencing at a point 40 feet S. 62° 39' 22" W. of the northwest corner of lot 6 block 3 Harder Hughes Subdivision of High School Terrace thence S. 27° 20' 38" E. along the westerly line and westerly line extended of John P. Druecker property to a point 15 feet more or less south of the southerly end of garage and dwelling on the northerly end of the Druecker property, thence S. 62° 39' 22" W. 15 feet, thence N. 27° 20' 38" W. 104.16 feet, thence N. 62° 39' 22" E. 15 feet to the place of beginning.

(b) Easement in favor of Chicago and Northwestern Railway Company to a triangular parcel of land for the right to construct, maintain and operate thereon a railroad track which easement is described as follows:

Commencing at a point 204.01 feet S. 62° 39' 22" W. of the northwest corner of lot 6 block 3 Harder Hughes Subdivision of High School Terrace Subdivision thence S. 24° 55' 47" E. 71.56 feet to the easterly right of way line of the Chicago and Northwestern Railway, thence N. 34° 50' W. along the easterly line of said right of way 72.11 feet, thence N. 62° 39' 22" E. 12.41 feet to the place of beginning.

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

TO HAVE AND TO HOLD the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its heirs and assigns FOREVER.

AND THE SAID Edward E. Hess and Hilda Hess, his wife, for their heirs, executors and administrators, do covenant, warrant, bargain and agree to and with the said party of the second part, its heirs and assigns, that at the time of the making and delivery of these presents they were well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever, and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its heirs and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, they will forever WARRANT AND DEFEND.

IN WITNESS WHEREOF, the said parties of the first part have hereunto set their hands and seals this 31st day of August, A.D., 1946.

Signed and Sealed in Presence Of

Elmer W. Roller
Elmer W. Roller

Edward E. Hess (SEAL)
Edward E. Hess

Hilda Hess (SEAL)
Hilda Hess

Alfred J. Wagner
Alfred J. Wagner

(SEAL)

STATE OF WISCONSIN)
MILWAUKEE COUNTY) SS.

Personally came before me, this 31st day of August, A.D., 1946, the above named Edward E. Hess and Hilda Hess, his wife, to me known to be the persons who executed the foregoing instrument and acknowledged the same.

Elmer W. Roller
Elmer W. Roller
Notary Public, Milwaukee County,
Wisconsin

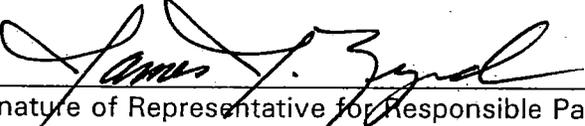
My Commission expires Nov. 24th n

2667601

REGISTERS OFFICE
MILWAUKEE COUNTY, WIS.
RECORDED
SEP 18 1946
P. 11 and 12 (11/10) 218-2000
146-239

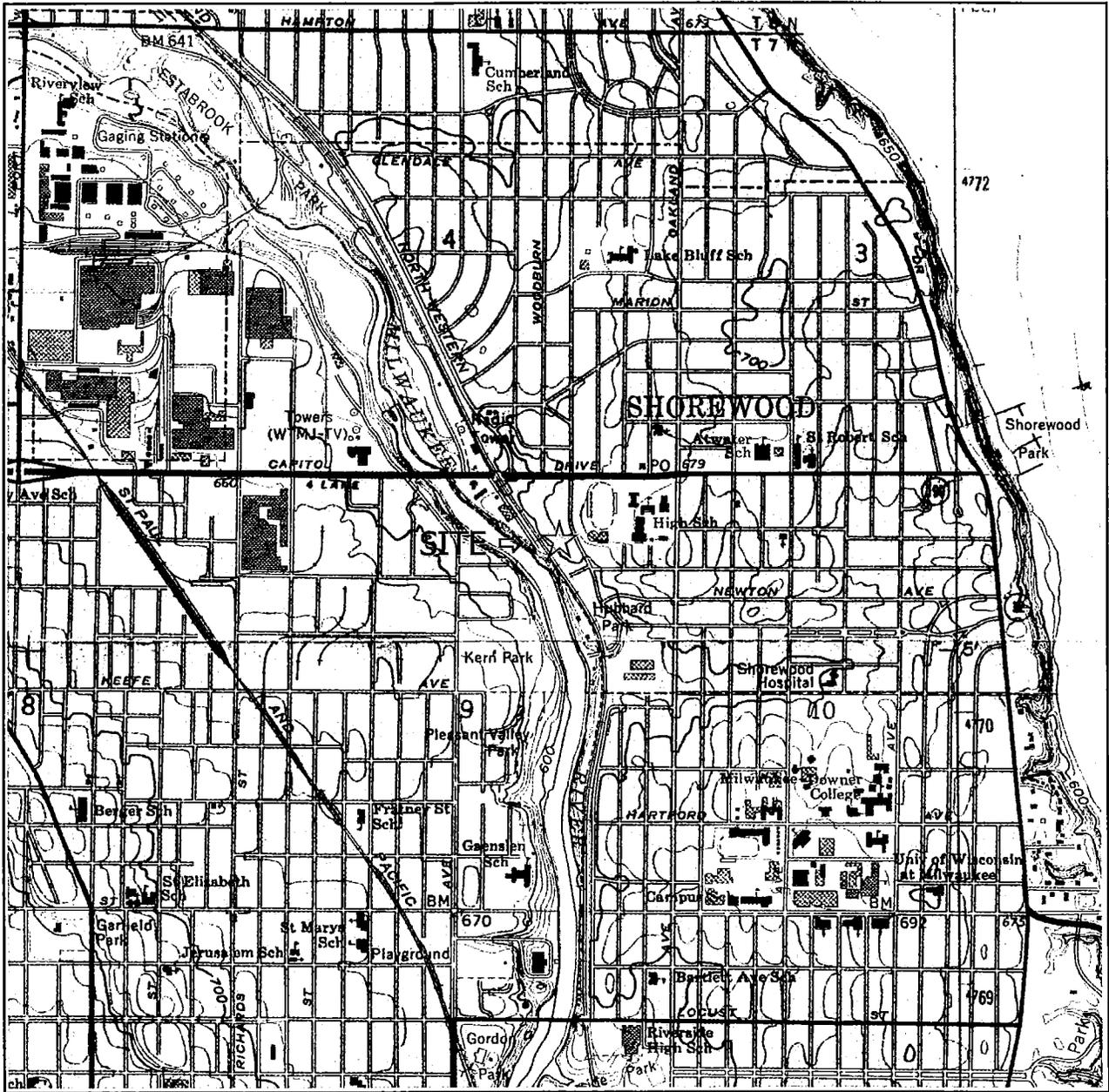
Handwritten notes and signatures in the bottom right corner, including a signature that appears to be "John J. ..."

Village of Shorewood, the responsible party for the property located at, 3801 N. Morris Blvd., Shorewood, Wisconsin, states that the legal description provided to the Wisconsin Department of Natural Resources (and attached to this statement) for case file reference 03-41-001238 is complete and accurate to the best of our knowledge.

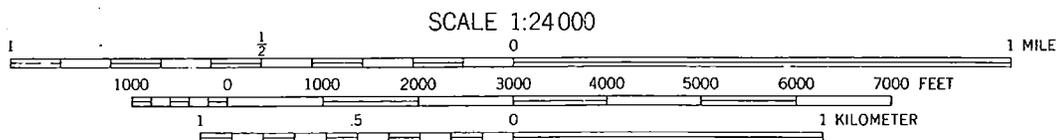


Signature of Representative for Responsible Party:

December 20, 2002
Date:



NW ¼ of the NE ¼ of Sec. 9, T7N, R22E Adapted from U.S.G.S. 7.5 minute series, Milwaukee, Wisconsin, quadrangle dated 1958 (photorevised 1971).



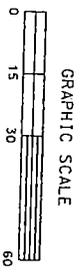
CONTOUR INTERVAL 10 FEET
 DOTTED LINES REPRESENT 5-FOOT CONTOURS
 DATUM IS MEAN SEA LEVEL



Figure 1. Site Location Map
 Village of Shorewood, Public Works Yard
 3801 N. Morris Blvd., Shorewood, Wisconsin

SIGMA
 ENVIRONMENTAL SERVICES INC.

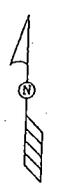
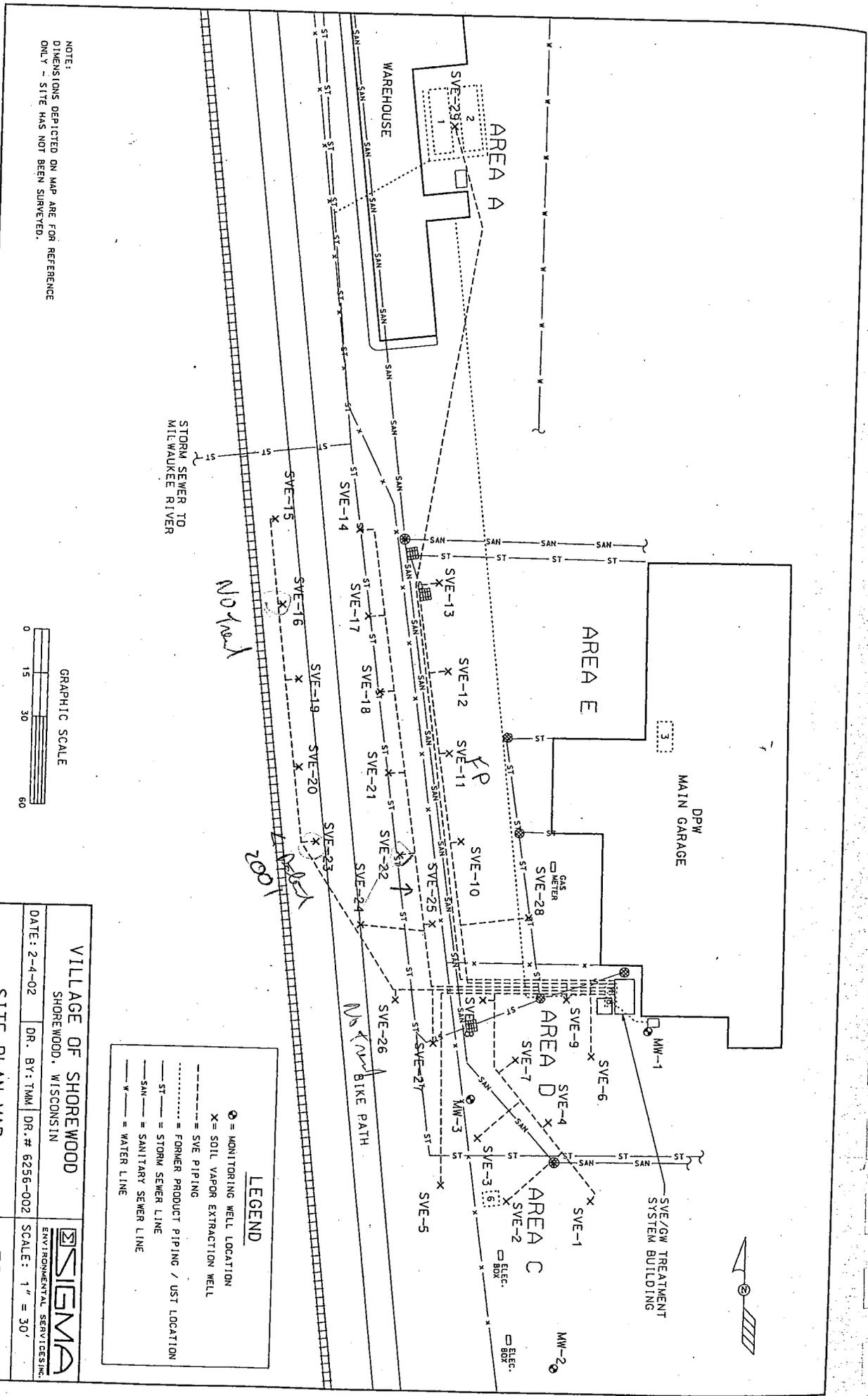
NOTE:
 DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE
 ONLY - SITE HAS NOT BEEN SURVEYED.



VILLAGE OF SHOREWOOD		
SHOREWOOD, WISCONSIN		
DATE: 2-4-02	DR. BY: TMM	DR. # 6256-002
SITE PLAN MAP		SCALE: 1" = 30'
		FIGURE 1

LEGEND

- ⊗ = MONITORING WELL LOCATION
- ⊗ = SOIL VAPOR EXTRACTION WELL
- - - = SVE PIPING
- - - = FORMER PRODUCT PIPING / UST LOCATION
- - - = STORM SEWER LINE
- - - = SANITARY SEWER LINE
- - - = WATER LINE

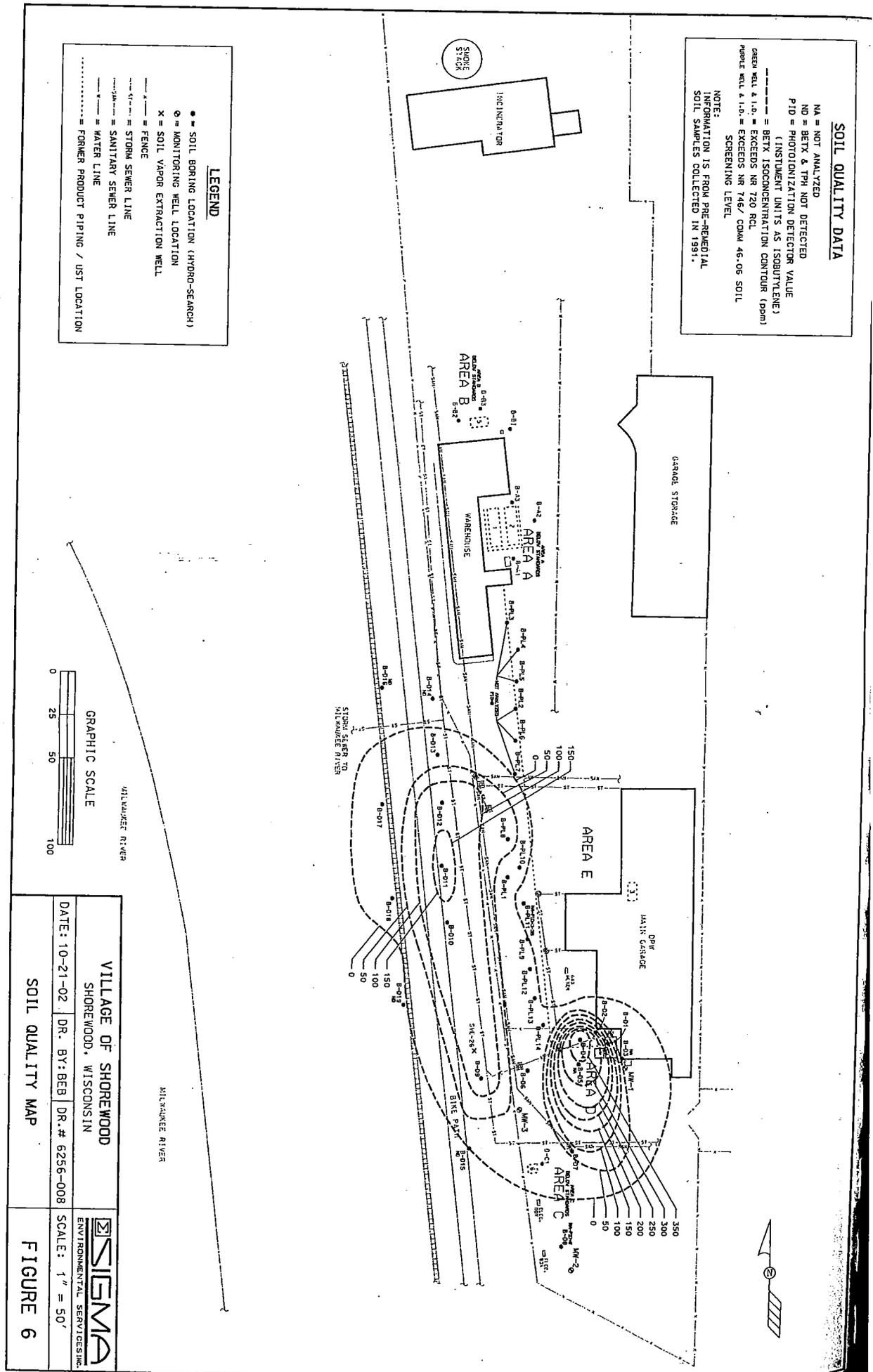


SOIL QUALITY DATA

NA = NOT ANALYZED
 ND = BETX & TPH NOT DETECTED
 PID = PHOTIOXIZATION DETECTOR VALUE
 (INSTUMENT UNITS AS ISOBUTYLENE)
 BETX ISOCENTRATION CONTOUR (PPM)
 GREEN WELL & 1.0 = EXCEEDS NR 720 RCL
 PURPLE WELL & 1.0 = EXCEEDS NR 746/ CDM 46-06 SOIL
 SCREENING LEVEL
 NOTE:
 INFORMATION IS FROM PRE-REMEDIAL
 SOIL SAMPLES COLLECTED IN 1991.

LEGEND

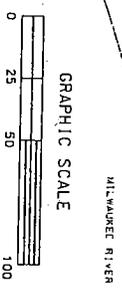
- = SOIL BORING LOCATION (HYDRO-SEARCH)
- = MONITORING WELL LOCATION
- ✕ = SOIL VAPOR EXTRACTION WELL
- = FENCE
- = STORM SEWER LINE
- = SANITARY SEWER LINE
- = WATER LINE
- = FORMER PRODUCT PIPING / UST LOCATION



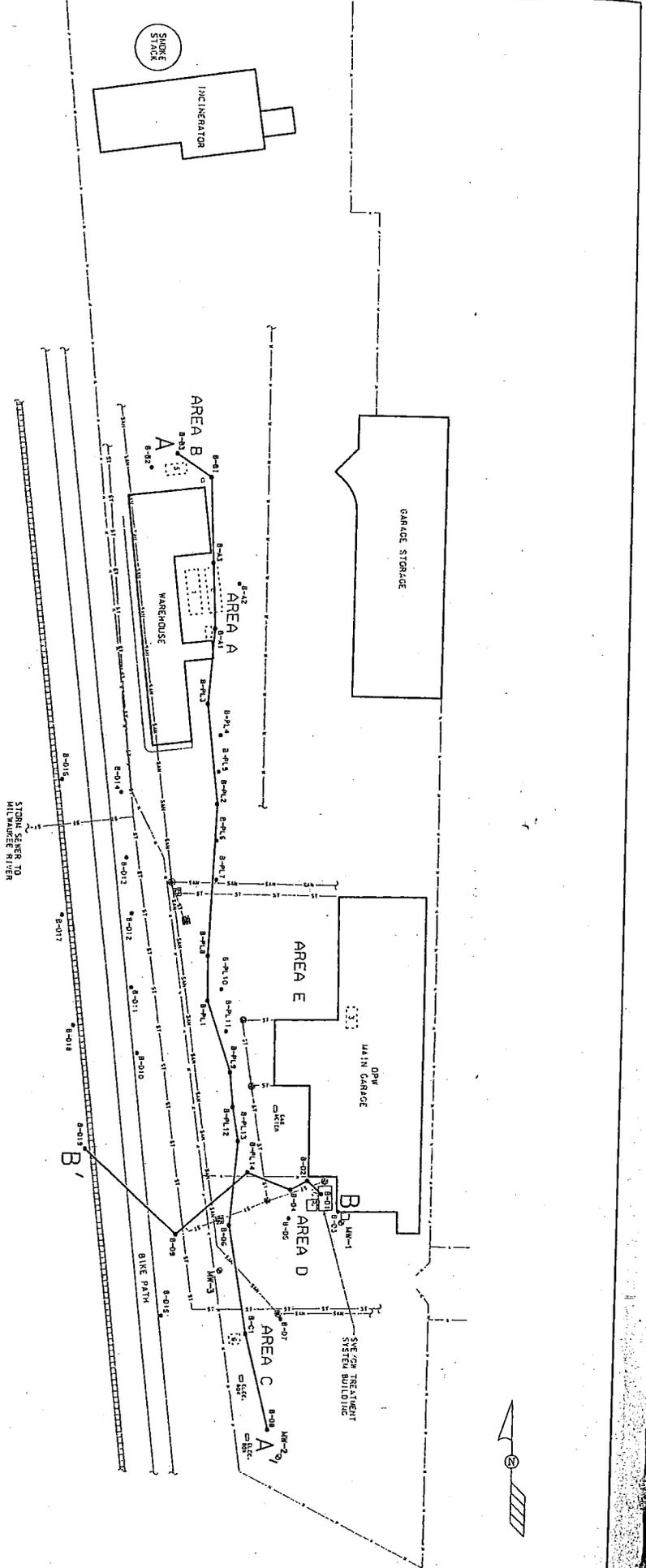
VILLAGE OF SHOREWOOD SHOREWOOD, WISCONSIN		SCALE: 1" = 50'
DATE: 10-21-02	DR. BY: BEB DR. # 6256-008	
SOIL QUALITY MAP		FIGURE 6

LEGEND

- SOIL BORING LOCATION (HYDRO-SEARCH)
- MONITORING WELL LOCATION
- ✕ SOIL VAPOR EXTRACTION WELL
- FENCE
- STORM SEWER LINE
- SANITARY SEWER LINE
- WATER LINE
- GEOLOGIC CROSS SECTION LOCATION

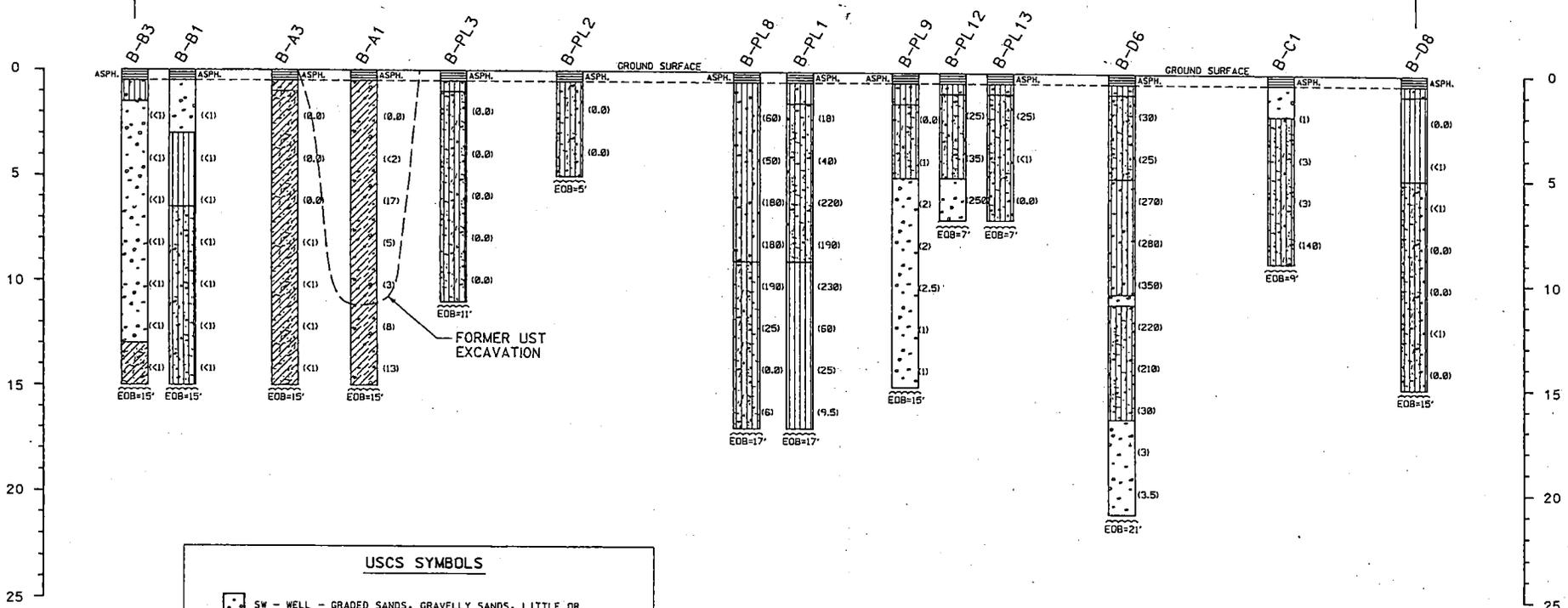


VILLAGE OF SHOREWOOD		
SHOREWOOD, WISCONSIN		
DATE: 5-29-02	DR. BY: BEB	DR. # 6256-004
GEOLOGIC CROSS SECTION LOCATION MAP		SCALE: 1" = 50'
FIGURE 3		



A
NORTHWEST

A'
SOUTHEAST



ELEVATION RELATIVE TO GROUND SURFACE (IN FEET)

ELEVATION RELATIVE TO GROUND SURFACE (IN FEET)

USCS SYMBOLS

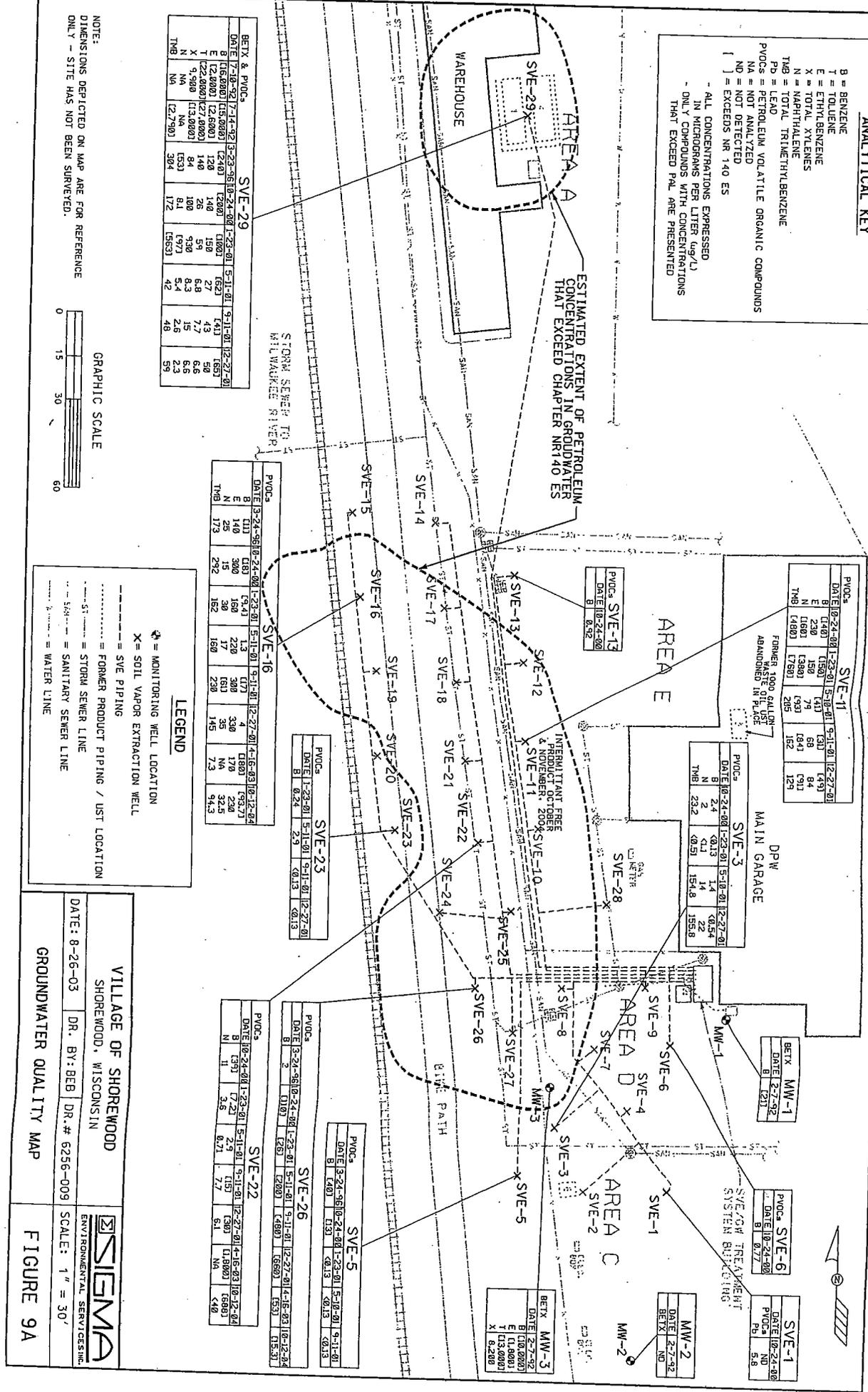
- SW - WELL - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.
- SM - SILTY - SANDS, SAND - SILT MIXTURES.
- SC - CLAYEY SANDS, SAND - CLAY MIXTURES
- ML - INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS OR CLAYEY SILTS WITH SLIGHT PLASTICITY.
- GM - SILTY GRAVELS, GRAVEL - SAND- SILT MIXTURES.
- GC - CLAYEY GRAVELS, GRAVEL - SAND - CLAY MIXTURES.

NOTES:
1. HORIZONTAL SCALE 1" = 40', VERTICAL SCALE 1" = 5'.
2. () = PHOTODIONIZATION DETECTOR (PID) VALUE SHOWN IN INSTRUMENT UNITS AS ISOBUTYLENE

VILLAGE OF SHOREWOOD SHOREWOOD, WISCONSIN			 ENVIRONMENTAL SERVICES INC.
DATE: 5-30-02	DR. BY: BEB	DR.# 6256-005	
GEOLOGIC CROSS SECTION A - A'			FIGURE 4

ANALYTICAL KEY

- B = BENZENE
 - T = TOLUENE
 - E = ETHYLBENZENE
 - X = TOTAL XYLENES
 - N = NAPHTHALENE
 - TMB = TOTAL TRIMETHYLBENZENE
 - PP = LEAD
 - PVOCs = PETROLEUM VOLATILE ORGANIC COMPOUNDS
 - NA = NOT ANALYZED
 - ND = NOT DETECTED
 - [] = EXCEEDS NR 140 ES
- ALL CONCENTRATIONS EXPRESSED IN MICROGRAMS PER LITER (ug/L)
- ONLY COMPOUNDS WITH CONCENTRATIONS THAT EXCEED PAL ARE PRESENTED



SVE-11

DATE	10-24-00	1-23-01	5-10-01	9-11-01	12-27-01
PVOCs					
E	230	1550	410	130	1490
N	1100	1350	74	68	84
TMB	1400	1750	205	182	125

FORMER 1000 GALLON ABANDONED OIL UST IN PLACE

SVE-3

DATE	10-24-00	1-23-01	5-10-01	9-11-01	12-27-01
PVOCs					
B	2.4	0.13	1.4	0.54	2.2
N	2	0.1	1.4	0.54	2.2
TMB	23.2	0.5	154.8	155.6	

BETX MW-1

DATE	2-7-92	1-21
B		
T		

PVOCs SVE-6

DATE	10-24-00	1-23-01	5-10-01	9-11-01	12-27-01
PVOCs					
B	0.77	0.13	0.13	0.13	0.13
N	5.8	0.13	0.13	0.13	0.13
T	0.13	0.13	0.13	0.13	0.13

SVE-1

DATE	10-24-00	1-23-01	5-10-01	9-11-01	12-27-01
PVOCs					
B	ND	ND	ND	ND	ND
N	ND	ND	ND	ND	ND
T	ND	ND	ND	ND	ND

BETX MW-3

DATE	2-7-92	1-21
B	0.0001	0.0001
E	1.0001	1.0001
T	0.0001	0.0001
X	0.200	0.200

BETX & PVOCs

DATE	10-24-00	1-23-01	5-10-01	9-11-01	12-27-01
PVOCs					
E	1230	1200	1200	1200	1200
N	1230	1200	1200	1200	1200
T	1230	1200	1200	1200	1200
X	9.900	13.000	8.4	5.7	19.7
N	NA	NA	153	172	153
TMB	NA	12790	384	172	153

PVOCs

DATE	3-24-96	10-24-00	1-23-01	5-11-01	9-11-01	12-27-01	4-16-03	10-12-04
PVOCs								
B	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	140	500	130	170	170	170	170	170
N	25	15	292	160	230	190	190	190
TMB	173	15	182	160	230	190	190	190

PVOCs

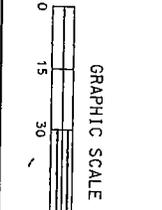
DATE	1-23-01	5-11-01	9-11-01	12-27-01
PVOCs				
B	0.24	2.9	0.13	0.13
N	0.13	0.13	0.13	0.13
T	0.13	0.13	0.13	0.13

PVOCs

DATE	3-24-96	10-24-00	1-23-01	5-11-01	9-11-01	12-27-01	4-16-03	10-12-04
PVOCs								
B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	107	107	107	107	107	107	107	107
N	11	11	11	11	11	11	11	11
T	11	11	11	11	11	11	11	11

SVE-5

DATE	3-24-96	10-24-00	1-23-01	5-11-01	9-11-01	12-27-01	4-16-03	10-12-04
PVOCs								
B	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	107	107	107	107	107	107	107	107
N	11	11	11	11	11	11	11	11
T	11	11	11	11	11	11	11	11



VILLAGE OF SHOREWOOD
SHOREWOOD, WISCONSIN

DR. BY: BEB DR.# 6256-009 SCALE: 1" = 30'

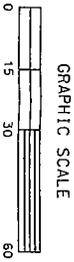
ENVIRONMENTAL SERVICES INC.

GROUNDWATER QUALITY MAP

FIGURE 9A

NOTE:
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE
ONLY - SITE HAS NOT BEEN SURVEYED.

NOTE:
DIMENSIONS DEPICTED ON MAP ARE FOR REFERENCE
ONLY - SITE HAS NOT BEEN SURVEYED.



VILLAGE OF SHOREWOOD SHOREWOOD, WISCONSIN		
DATE: 10-21-02	DR. BY: BEB DR. # 6256-012	
WATERABLE CONTOUR MAP 10-22-04		SCALE: 1" = 30'
		FIGURE 7A

LEGEND

- ⊗ = MONITORING WELL LOCATION
- ⊗ = SOIL VAPOR EXTRACTION WELL
- = SVE PIPING
- = FORMER PRODUCT PIPING / UST LOCATION
- ST --- = STORM SEWER LINE
- SAN --- = SANITARY SEWER LINE
- W --- = WATER LINE
- 88 --- = WATERABLE CONTOUR LINE

STORM SEWER TO
MILWAUKEE RIVER

BIKE PATH

WAREHOUSE

AREA A

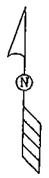
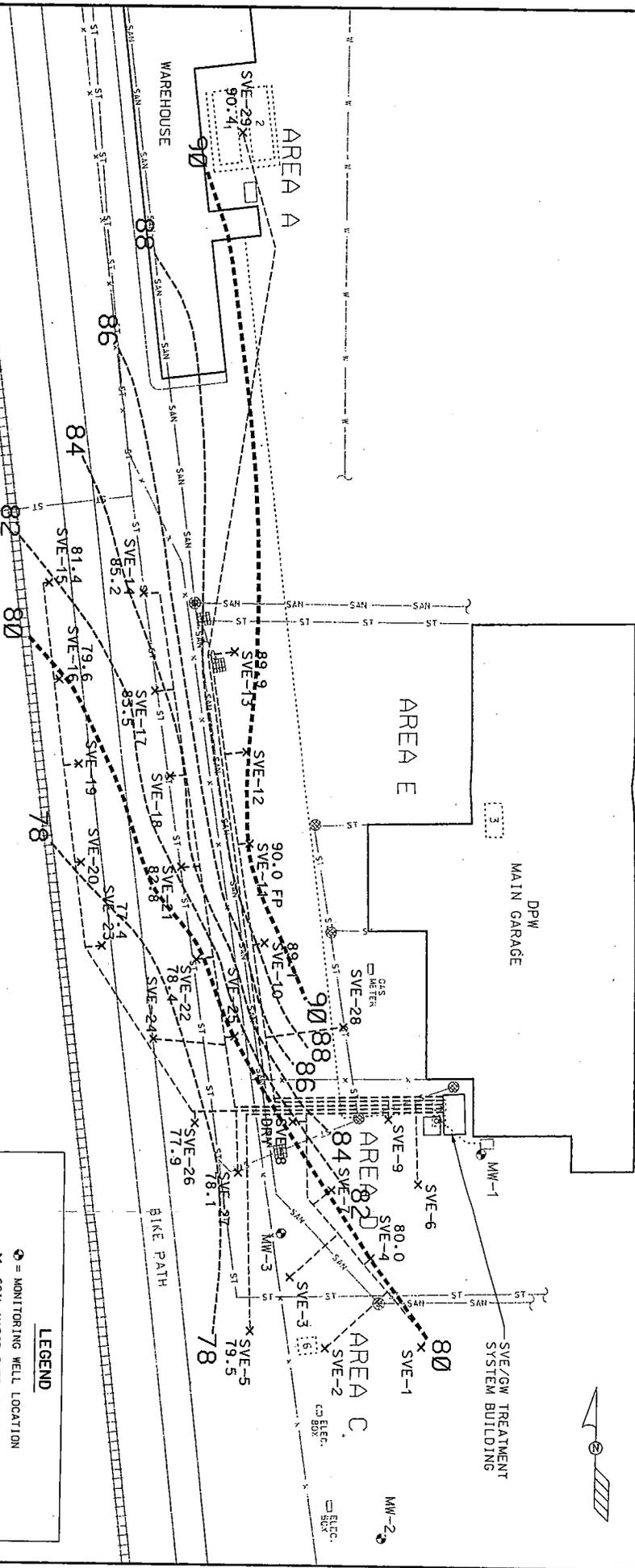
AREA E

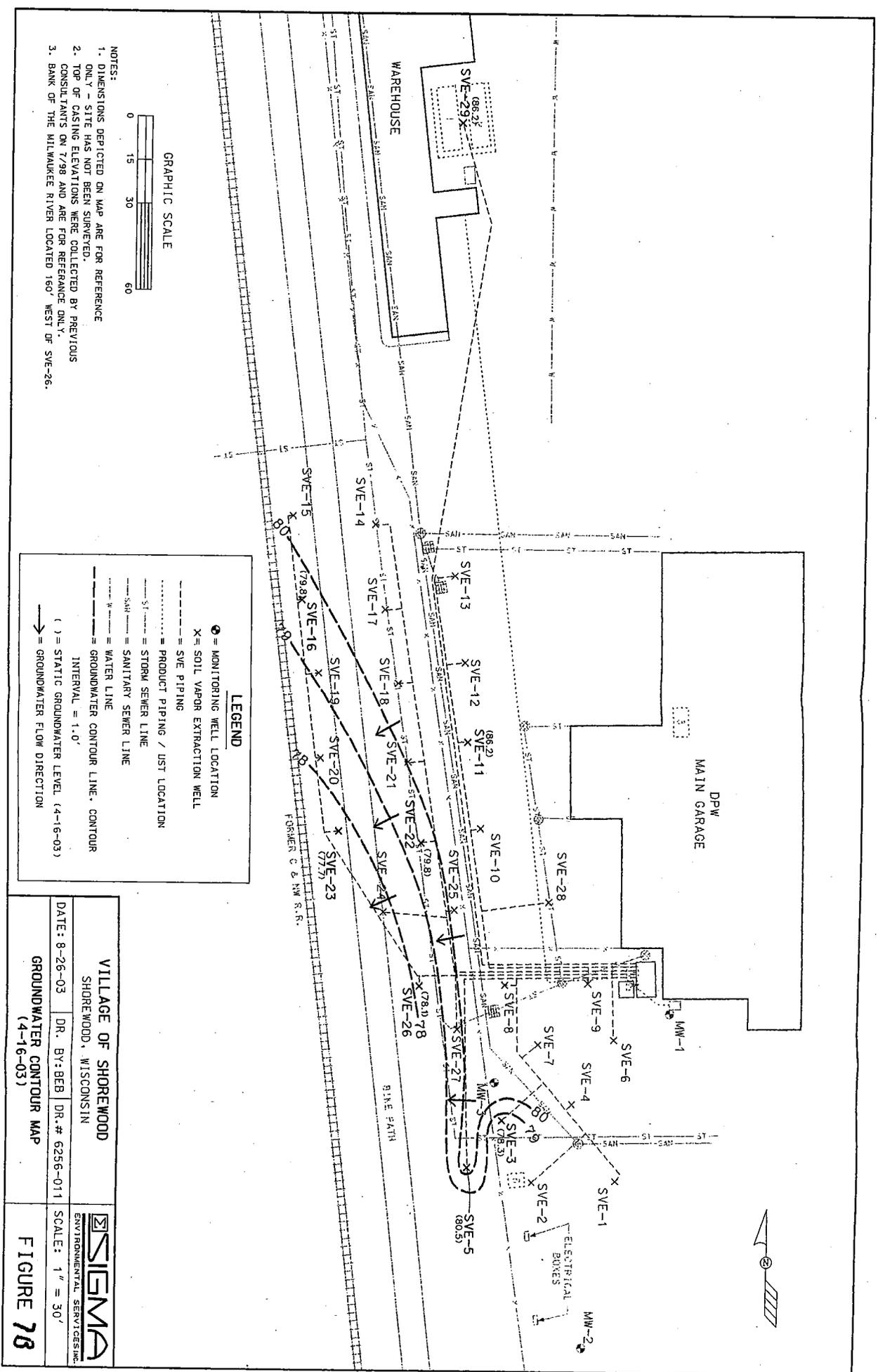
DPW
MAIN GARAGE

SVE/GW TREATMENT
SYSTEM BUILDING

AREA B

AREA C





<p>VILLAGE OF SHOREWOOD SHOREWOOD, WISCONSIN</p>		<p>ENVIRONMENTAL SERVICES, INC.</p>
<p>DATE: 8-26-03</p>	<p>DR. BY: BEB DR.# 6256-011</p>	
<p>GROUNDWATER CONTOUR MAP (4-16-03)</p>		<p>FIGURE 78</p>

TABLE 2
SOIL ANALYTICAL RESULTS
 (Pre-Remediation)
SHOREWOOD PUBLIC WORKS YARD
 Project #6256

Sample ID	Area A			Area B			Area C	Soil Standards	
	B-A1	B-A2	B-A3	B-B1	B-B2	B-B3	B-C1	NR 720	COMM 46.06/NR 746
Sample Interval (ft)	7 - 9'	7 - 9'	7 - 9'	7 - 9'	7 - 9'	7 - 9'	5 - 7'	Generic RCL	Soil Screening
Date Collected	04/04/1991	04/05/1991	04/05/1991	04/08/1991	04/08/1991	04/08/1991	04/08/1991		
Parameter									Level
PID	5 - 7'				3 - 5'				
	17	0	0	<1	80	<1	140	NE	NE
Benzene	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.0055	8.5
Ethylbenzene	0.16	<0.05	<0.05	<0.05	0.07	<0.05	<0.05	2.9	4.6
Toluene	<0.05	<0.05	<0.05	<0.05	0.05	<0.05	<0.05	1.5	38
Xylenes	<0.05	<0.05	<0.05	<0.05	0.65	<0.05	0.13	4.1	42
Total BETX *	0.16	0.0	0.0	0.0	0.77	0.0	0.13	NE	NE
Total Petroleum Hydrocarbons	<5 **	<5 **	<5 **	<5 **	7 **	<5 **	<5 **	NE	NE
Lead	11	15	11	7	10	5	<3	50/500 ⁽¹⁾	NE
Flashpoint	>140	>140	>140	>140	>140	>140	>140	NE	NE
Free Liquids	None	NE	NE						
pH	7.43	7.73	7.81	7.85	9.39	7.84	7.83	NE	NE
% Total Solids	84.5	82.4	85.1	82.5	89.8	84.7	89.4	NE	NE

KEY:

All values in parts per million (ppm)

Information is from "Remedial Investigation for Underground Storage Tanks, Results & Recommendations Report," HSI, July 1991

BETX = Benzene, Ethylbenzene, Toluene, Xylene

NE = Not Established

PID = Photoionization Detector Reading (instrument unit readings relative to 100 ppm isobutylene calibration gas)

RCL = Residual Contaminant Level for protection of groundwater pathway

⁽¹⁾ = Non-Industrial RCL = 50 mg/kg, Industrial RCL = 500 mg/kg

< = Not Detected above indicated concentration

* = Sum of Concentrations

** = Concentration based on a gasoline standard using the State of California Method

*** = Concentration based on a fuel oil standard using the State of California Method

BOLD = Detected concentration exceeds NR 720 Generic RCL for protection groundwater pathway

BOLD = Detected concentration exceeds COMM 46.06 / NR 746 Soil Screening Levels

TABLE 2
SOIL ANALYTICAL RESULTS
(Pre-Remediation)
SHOREWOOD PUBLIC WORKS YARD
Project #6256

Sample ID	Area D															Soil Standards		
	B-D1	B-D2	B-D4	B-D6	B-D7	B-D9	B-D10	B-D11	B-D12	B-D13	B-D14	B-D15	B-D16	B-D17	B-D18	B-D19	NR 720	COMM 46.06/NR 746
Sample Interval (ft)	5 - 7'	5 - 7'	5 - 7'	7 - 9'	7 - 9'	7 - 9'	9 - 11'	7 - 9'	9 - 12'	9 - 11'	9 - 11'	7 - 9'	7 - 9'	9 - 11'	9 - 11'	9 - 11'	Generic RCL	Soil Screening Level
Date Collected	04/03/1991	04/03/1991	04/03/1991	04/04/1991	04/04/1991	04/09/1991	04/16/1991	04/16/1991	04/16/1991	04/16/1991	04/17/1991	04/17/1991	04/17/1991	04/17/1991	04/17/1991	04/18/1991		
Parameter																		
PID	160	110	3.5	9.11	3.5													
Benzene	0.9	2.6	3.0	0.67	1.3	250	300	300	250	250	0	2	0	220	250	<1		
Ethylbenzene	5.9	18	110	4.8	19	6.1	5.5	7.2	16	250	0	2	0	220	250	<1		
Toluene	4.9	7.0	17	13	13	13	18	13	15	1.2	<0.05	<0.05	<0.05	1.5	<0.05	<0.05	NE	NE
Xylenes	21	66	290	18	40	25	18	23	23	0.61	<0.05	<0.05	<0.05	3.4	0.58	<0.05	0.0055	8.5
Total BETX *	32.7	93.6	420	36.47	61.7	121.1	132.5	173.2	60	8.7	<0.05	<0.05	<0.05	7.1	0.20	<0.05	2.9	4.6
Total Petroleum Hydrocarbons	320 **	1,000 **	4,400 **	230 **	760 **	290 **	740 **	930 **	114	11.38	<0.05	<0.05	<0.05	15.3	4.2	<0.05	1.5	38
Lead	43	18	27	9	10	16	8	8	22	6	3	<5 **	<5 **	6	3	4	50/500 ⁽¹⁾	NE
Flashpoint	>140	>140	104	>140	>140	>140	>140	>140	>140	>140	>140	>140	>140	>140	>140	>140	NE	NE
Free Liquids	None	NE	NE															
pH	7.59	7.52	7.63	8.26	7.77	7.76	7.80	7.77	7.84	7.82	7.85	7.96	7.70	7.82	7.80	7.96	NE	NE
% Total Solids	86.9	87.0	84.7	88.7	91.1	91.9	88.2	89.4	86.8	93.4	88.7	90.6	86.4	89.9	85.4	90.6	NE	NE

All values in parts per million (ppm)
Information is from "Remedial Investigation for Underground Storage Tanks, Results & Recommendations Report," HSI, July 1991

- BETX = Benzene, Ethylbenzene, Toluene, Xylene
 NE = Not Established
 PID = Photoionization Detector Reading (instrument unit readings relative to 100 ppm isobutylene calibration gas)
 RCL = Residual Contaminant Level for protection of groundwater pathway
 (1) = Non-Industrial RCL = 50 mg/kg, Industrial RCL = 500 mg/kg
 < = Not Detected above indicated concentration
 * = Sum of Concentrations
 ** = Concentration based on a gasoline standard using the State of California Method
 *** = Concentration based on a fuel oil standard using the State of California Method

BOLD = Detected concentration exceeds NR 720 Generic RCL for protection groundwater pathway
BOLD = Detected concentration exceeds COMM 46.06 / NR 746 Soil Screening Levels

TABLE 2
SOIL ANALYTICAL RESULTS
(Pre-Remediation)
SHOREWOOD PUBLIC WORKS YARD

Project #6256

Sample ID	Area Pressure Line							Soil Standards	
	B-PL1	B-PL8	B-PL9	B-PL10	B-PL12	B-PL13	B-PL14	NR 720	COMM 46.06/NR 746
Sample Interval (ft)	7 - 9'	9 - 11'	7 - 9'	3 - 5'	5 - 7'	3 - 5'	5 - 7'	Generic RCL	Soil Screening
Date Collected	04/04/1991	04/05/1991	04/05/1991	04/08/1991	04/08/1991	04/08/1991	04/08/1991		Level
Parameter									
	9 - 11'		9 - 11'	5 - 7'		1 - 3'			
PID	230	180	2.5	17	250	25	180	NE	NE
Benzene	0.33	5.5	0.05	0.11	0.09	0.06	0.10	0.0055	8.5
Ethylbenzene	4.1	12	<0.05	<0.05	0.99	<0.05	0.91	2.9	4.6
Toluene	8.2	11	0.06	<0.05	0.29	<0.05	0.10	1.5	38
Xylenes	17	51	0.07	<0.05	1.7	<0.05	0.64	4.1	42
Total BETX *	29.63	79.5	0.18	0.11	3.07	0.06	1.75	NE	NE
Total Petroleum Hydrocarbons	280 **	200 **	<5 **	<5 **	120 **	<5 **	300 **	NE	NE
Lead	7	5	7	9	67	12	6	50/500 ⁽¹⁾	NE
Flashpoint	89.6	>140	>140	>140	>140	>140	>140	NE	NE
Free Liquids	None	None	None	None	None	None	None	NE	NE
pH	7.96	7.76	7.87	7.53	7.75	7.71	7.72	NE	NE
% Total Solids	90.2	84.5	88.1	87.1	84.3	82.9	85.0	NE	NE

KEY:

All values in parts per million (ppm)

Information is from "Remedial Investigation for Underground Storage Tanks, Results & Recommendations Report," HSI, July 1991

BETX = Benzene, Ethylbenzene, Toluene, Xylene

NE = Not Established

PID = Photoionization Detector Reading (instrument unit readings relative to 100 ppm isobutylene calibration gas)

RCL = Residual Contaminant Level for protection of groundwater pathway

⁽¹⁾ = Non-Industrial RCL = 50 mg/kg, Industrial RCL = 500 mg/kg

< = Not Detected above indicated concentration

* = Sum of Concentrations

** = Concentration based on a gasoline standard using the State of California Method

*** = Concentration based on a fuel oil standard using the State of California Method

BOLD = Detected concentration exceeds NR 720 Generic RCL for protection groundwater pathway

BOLD = Detected concentration exceeds COMM 46.06 / NR 746 Soil Screening Levels

TABLE 2
GROUNDWATER QUALITY RESULTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

SVE-16 (ug/l)		PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
Date	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes				
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS		
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS		
03/24/1996	11	140	NA	25	1.2	120	53	173	220	NA	NA	570.2	
10/24/2000	18	300	<0.47	15	12	290	2	292	61	<5	3200	698.0	
01/23/2001	9.4	160	<3.2	30	6.7	150	12	162	150	NA	NA	518.1	
05/11/2001	1.3	220	<0.78	17	2.6	160	<1.1	160	93	NA	NA	493.9	
09/11/2001	17	300	<0.8	61	6.3	220	10	230	190	NA	NA	804.3	
12/27/2001	4	330	<2.2	35	5.8	140	4.6	145	120	NA	NA	639.4	
04/16/2003	180	170	7.7	NA	2.9	7.3	<0.38	7.3	5.3	NA	NA	373.2	
10/12/2004	93.7	230	7.12	32.5	55.5	78.4	15.9	94.3	245	NA	NA	758.1	

SVE-22 (ug/l)		PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
Date	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes				
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS		
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS		
10/24/2000	39	75	<0.47	11	77	47	2	49	160	<5	900	411.3	
01/23/2001	7.2	24	<0.16	3.6	44	14	3.2	17.2	81	NA	NA	177.0	
05/11/2001	2.9	3.5	<0.16	0.71	1.8	3.1	0.82	3.92	8.2	NA	NA	21.0	
09/11/2001	15	50	<0.20	7.7	62	41	5.7	46.7	140	NA	NA	321.4	
12/27/2001	30	45	<0.42	6.1	100	33	3.7	36.7	120	NA	NA	337.8	
04/16/2003	1800	<4.4	<4.6	NA	39	<5.0	<3.8	<8.8	<7.8	NA	NA	1839.0	
10/12/2004	688	<25.0	<2.56	<40.0	<25.0	28.0	<25.0	28.0	<25.0	NA	NA	744.0	

KEY:

NA	= Not Analyzed	TMB	= Trimethylbenzene
ND	= Not Detected	MTBE	= Methyl Tertiary Butyl Ether
NS	= No Standard Established	PVOCs	= Petroleum Volatile Organic Compounds
<	= Not Detected above indicated concentration	ug/L	= Micrograms per liter
NR 140 ES	= Wisconsin Administrative Code, Chapter NR 140 Enforcement Standards	BOLD	= Detected Concentration exceeds NR 140 ES
NR 140 PAL	= Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limits	BOLD	= Detected Concentration exceeds NR 140 PAL

TABLE 2
GROUNDWATER QUALITY RESULTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

SVE-23												
(ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
01/23/2001	0.24	<0.22	<0.16	<1.1	<0.20	<0.22	<0.29	<0.51	<0.23	NA	NA	0.2
05/11/2001	2.9	2.8	<0.16	<0.46	1.8	1.3	<0.29	1.3	4.2	NA	NA	13.0
09/11/2001	<0.13	<0.22	<0.16	<0.46	<0.20	<0.22	<0.29	<0.51	0.35	NA	NA	0.4
12/27/2001	<0.13	<0.22	<0.16	<0.46	<0.20	<0.22	<0.29	<0.51	<0.23	NA	NA	0.0

SVE-26												
(ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
03/24/1996	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2
10/24/2000	110	0.61	3	<0.53	0.79	0.41	<0.63	0.41	1.4	<5	160	116.2
01/23/2001	26	<0.22	1.4	<1.1	<0.20	<0.22	<0.29	<0.51	0.25	NA	NA	27.7
05/11/2001	200	<0.44	<0.32	<0.62	<0.40	<0.44	<0.58	<1.02	<0.46	NA	NA	200.0
09/11/2001	480	3.3	<0.32	<0.92	0.9	<0.44	<0.58	<1.02	<0.46	NA	NA	484.2
12/27/2001	660	9	4	<2.3	<1.0	<1.1	<1.4	<2.5	<1.2	NA	NA	673.0
04/16/2003	53	<0.22	<0.23	NA	<0.11	<0.25	<0.19	<0.44	<0.39	NA	NA	53.0
10/12/2004	15.3	<5.00	0.671	NA	<5.00	<5.00	<5.00	<10.0	<5.00			

KEY:

NA = Not Analyzed	TMB = Trimethylbenzene
ND = Not Detected	MTBE = Methyl Tertiary Butyl Ether
NS = No Standard Established	PVOCs = Petroleum Volatile Organic Compounds
< = Not Detected above indicated concentration	ug/L = Micrograms per liter
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standards	BOLD = Detected Concentration exceeds NR 140 ES
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limits	BOLD = Detected Concentration exceeds NR 140 PAL

TABLE 3
GROUNDWATER QUALITY RESULTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

MW-1 (ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
02/07/1992	21	18	NA	NA	16	NA	NA	NA	82	NA	NA	137.0

MW-2 (ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
02/07/1992	ND	ND	NA	NA	ND	NA	NA	NA	ND	NA	NA	0.0

MW-3 (ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
02/07/1992	10000	1800	NA	NA	13000	NA	NA	NA	8200	NA	NA	33000.0

KEY:

- | | |
|---|---|
| NA = Not Analyzed | TMB = Trimethylbenzene |
| ND = Not Detected | MTBE = Methyl Tertiary Butyl Ether |
| NS = No Standard Established | PVOCs = Petroleum Volatile Organic Compounds |
| < = Not Detected above indicated concentration | ug/L = Micrograms per liter |
| NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standards | BOLD = Detected Concentration exceeds NR 140 ES |
| NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limits | BOLD = Detected Concentration exceeds NR 140 PAL |

TABLE 3
GROUNDWATER QUALITY RESULTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

SVE-1 (ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
10/24/2000	<0.39	<0.40	<0.47	<0.53	<0.37	<0.4	<0.63	<1.03	<1.4	5.8	<100	0.0

SVE-3 (ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
10/24/2000	2.4	17	<0.47	2	2.9	21	2.2	23.2	7.7	<5	560	55.2
01/23/2001	<0.13	<0.22	<0.16	<1.1	<0.20	<0.22	<0.29	<0.51	<0.23	NA	NA	0.0
05/10/2001	1.4	120	3.3	14	5.2	150	4.8	154.8	55	NA	NA	353.7
12/27/2001	<0.54	83	<1.3	22	5.2	150	5.8	155.8	62	NA	NA	328.0

SVE-5 (ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
03/24/1996	40	3.7	NA	NA	44	6.3	2.6	8.9	7.7	NA	NA	104.3
10/24/2000	13	1.2	<0.47	<0.53	0.4	0.91	<0.63	0.91	<1.4	<5	<100	15.5
01/23/2001	<0.13	<0.22	<0.16	<1.1	<0.20	<0.22	<0.29	<0.51	<0.23	NA	NA	0.0
05/10/2001	<0.13	3.5	<0.16	<0.46	<0.20	0.84	<0.29	0.84	0.51	NA	NA	4.9
09/11/2001	<0.13	<0.22	<0.16	<0.46	<0.20	<0.22	<0.29	<0.51	<0.23	NA	NA	0.0

KEY:

- | | |
|---|---|
| NA = Not Analyzed | TMB = Trimethylbenzene |
| ND = Not Detected | MTBE = Methyl Tertiary Butyl Ether |
| NS = No Standard Established | PVOCs = Petroleum Volatile Organic Compounds |
| < = Not Detected above indicated concentration | ug/L = Micrograms per liter |
| NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standards | BOLD = Detected Concentration exceeds NR 140 ES |
| NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limits | BOLD = Detected Concentration exceeds NR 140 PAL |

TABLE 3
GROUNDWATER QUALITY RESULTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

SVE-6 (ug/l)		PVOCs								Dissolved Lead	Gasoline Range Organics	Total PVOCs
Date	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
10/24/2000	0.77	0.72	<0.47	<0.53	<0.37	0.55	<0.63	0.55	<1.4	<5	<100	2.0

SVE-11 (ug/l)		PVOCs								Dissolved Lead	Gasoline Range Organics	Total PVOCs
Date	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
10/24/2000	140	230	<0.47	160	40	360	120	480	590	<5	3,300	1640.0
01/23/2001	150	150	<32	380	72	510	250	760	510	NA	NA	2022.0
05/10/2001	41	79	<0.80	93	22	150	55	205	270	NA	NA	710.0
09/11/2001	31	68	<1.6	84	16	100	62	162	220	NA	NA	581.0
12/27/2001	49	84	<0.16	91	20	78	51	129	210	NA	NA	583.0

SVE-13 (ug/l)		PVOCs								Dissolved Lead	Gasoline Range Organics	Total PVOCs
Date	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
10/24/2000	0.92	4.2	<0.47	<0.53	1	1.9	<0.63	1.9	2.4	<5	<100	10.4

KEY:

- | | | | |
|------------|--|-------------|---|
| NA | = Not Analyzed | TMB | = Trimethylbenzene |
| ND | = Not Detected | MTBE | = Methyl Tertiary Butyl Ether |
| NS | = No Standard Established | PVOCs | = Petroleum Volatile Organic Compounds |
| < | = Not Detected above indicated concentration | ug/L | = Micrograms per liter |
| NR 140 ES | = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standards | BOLD | = Detected Concentration exceeds NR 140 ES |
| NR 140 PAL | = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limits | BOLD | = Detected Concentration exceeds NR 140 PAL |

TABLE 3
GROUNDWATER QUALITY RESULTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

SVE-16												
(ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
03/24/1996	11	140	NA	25	1.2	120	53	173	220	NA	NA	570.2
10/24/2000	18	300	<0.47	15	12	290	2	292	61	<5	3200	698.0
01/23/2001	9.4	160	<3.2	30	6.7	150	12	162	150	NA	NA	518.1
05/11/2001	1.3	220	<0.78	17	2.6	160	<1.1	160	93	NA	NA	493.9
09/11/2001	17	300	<0.8	61	6.3	220	10	230	190	NA	NA	804.3
12/27/2001	4	330	<2.2	35	5.8	140	4.6	145	120	NA	NA	639.4

SVE-22												
(ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
10/24/2000	39	75	<0.47	11	77	47	2	49	160	<5	900	411.3
01/23/2001	7.2	24	<0.16	3.6	44	14	3.2	17.2	81	NA	NA	177.0
05/11/2001	2.9	3.5	<0.16	0.71	1.8	3.1	0.82	3.92	8.2	NA	NA	21.0
09/11/2001	15	50	<0.20	7.7	62	41	5.7	46.7	140	NA	NA	321.4
12/27/2001	30	45	<0.42	6.1	100	33	3.7	36.7	120	NA	NA	337.8

KEY:

- | | |
|---|---|
| NA = Not Analyzed | TMB = Trimethylbenzene |
| ND = Not Detected | MTBE = Methyl Tertiary Butyl Ether |
| NS = No Standard Established | PVOCs = Petroleum Volatile Organic Compounds |
| < = Not Detected above indicated concentration | ug/L = Micrograms per liter |
| NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standards | BOLD = Detected Concentration exceeds NR 140 ES |
| NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limits | BOLD = Detected Concentration exceeds NR 140 PAL |

TABLE 3
GROUNDWATER QUALITY RESULTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

SVE-23 (ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
01/23/2001	0.24	<0.22	<0.16	<1.1	<0.20	<0.22	<0.29	<0.51	<0.23	NA	NA	0.2
05/11/2001	2.9	2.8	<0.16	<0.46	1.8	1.3	<0.29	1.3	4.2	NA	NA	13.0
09/11/2001	<0.13	<0.22	<0.16	<0.46	<0.20	<0.22	<0.29	<0.51	0.35	NA	NA	0.4
12/27/2001	<0.13	<0.22	<0.16	<0.46	<0.20	<0.22	<0.29	<0.51	<0.23	NA	NA	0.0

SVE-26 (ug/l)												
Date	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
03/24/1996	2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	2.2
10/24/2000	110	0.61	3	<0.53	0.79	0.41	<0.63	0.41	1.4	<5	160	116.2
01/23/2001	26	<0.22	1.4	<1.1	<0.20	<0.22	<0.29	<0.51	0.25	NA	NA	27.7
05/11/2001	200	<0.44	<0.32	<0.62	<0.40	<0.44	<0.58	<1.02	<0.46	NA	NA	200.0
09/11/2001	480	3.3	<0.32	<0.92	0.9	<0.44	<0.58	<1.02	<0.46	NA	NA	484.2
12/27/2001	660	9	4	<2.3	<1.0	<1.1	<1.4	<2.5	<1.2	NA	NA	673.0

KEY:

- | | |
|---|---|
| NA = Not Analyzed | TMB = Trimethylbenzene |
| ND = Not Detected | MTBE = Methyl Tertiary Butyl Ether |
| NS = No Standard Established | PVOCs = Petroleum Volatile Organic Compounds |
| < = Not Detected above indicated concentration | ug/L = Micrograms per liter |
| NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standards | BOLD = Detected Concentration exceeds NR 140 ES |
| NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limits | BOLD = Detected Concentration exceeds NR 140 PAL |

TABLE 3
GROUNDWATER QUALITY RESULTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

SVE-29 (ug/l)	PVOCs									Dissolved Lead	Gasoline Range Organics	Total PVOCs
	Benzene	Ethylbenzene	MTBE	Naphthalene	Toluene	1,2,4 TMB	1,3,5 TMB	Total TMB	Xylenes			
NR 140 ES	5	700	60	40	1000	NS	NS	480	10000	15	NS	
NR 140 PALs	0.5	140	12	8	200	NS	NS	96	1000	1.5	NS	
07/10/1992	16000	2000	NA	NA	22000	NA	NA	NA	9900	NA	NA	49900.0
07/14/1992	15000	2600	NA	NA	27000	2200	590	2790	13000	NA	NA	60390.0
03/23/1996	240	120	5	53	140	220	84	304	84	NA	NA	946.0
10/24/2000	200	140	<0.47	8.1	26	160	12	172	100	NA	2200	646.1
01/23/2001	100	150	<1.6	97	59	470	93	563	930	NA	NA	1899.0
05/11/2001	62	27	<0.80	5.4	6.8	42	<1.4	42	8.3	NA	NA	151.5
09/11/2001	41	43	<0.52	2.6	7.7	47	0.53	47.53	15	NA	NA	156.8
12/27/2001	65	50	<1.1	2.3	6.6	59	0.33	59.33	6.6	NA	NA	189.8

KEY:

- | | | | |
|------------|--|-------------|---|
| NA | = Not Analyzed | TMB | = Trimethylbenzene |
| ND | = Not Detected | MTBE | = Methyl Tertiary Butyl Ether |
| NS | = No Standard Established | PVOCs | = Petroleum Volatile Organic Compounds |
| < | = Not Detected above indicated concentration | ug/L | = Micrograms per liter |
| NR 140 ES | = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standards | BOLD | = Detected Concentration exceeds NR 140 ES |
| NR 140 PAL | = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limits | BOLD | = Detected Concentration exceeds NR 140 PAL |

**TABLE 1
DEPTH TO GROUNDWATER and PRODUCT MEASUREMENTS
SHOREWOOD PUBLIC WORKS YARD**

Project #6256

Well	Date	Well Depth (ft bgs)	Assumed Elevation (based on nearby boring elevations)	Depth to Water (ft bgs)	Water Table Elevation Estimated (site datum)	
MW-1	12/26/1991	15.00		5.71		
	01/31/1992			6.51		
	02/06/1992			6.65		
	02/07/1992			6.70		
MW-2	12/26/1991	22.50		11.72		
	01/31/1992			12.43		
	02/06/1992			12.50		
	02/07/1992			12.98		
MW-3	12/26/1991	25.00		13.33		
	01/31/1992			13.81		
	02/06/1992			13.82		
	02/07/1992			14.20		
SVE-3	01/23/2001	25.45	95.5	13.46	82.0	
	05/10/2001			5.35	90.2	
	09/11/2001			NM	NM	
	12/27/2001			7.31	88.2	
	4/16/2003			17.22	78.3	
	10/12/2004			NM	NM	
	10/22/2004			NM-below dumpster	NM	NM
SVE-4	10/22/2004		96.5	16.54	80.0	
SVE-5	01/23/2001	21.30	95.8	11.94	83.9	
	05/10/2001			7.06	88.7	
	09/11/2001			12.51	83.3	
	12/27/2001			11.52	84.3	
	4/16/2003			15.32	80.5	
	10/12/2004			No measurable product	16.20	79.6
	10/22/2004			No measurable product	16.30	79.5
SVE-8	10/22/2004		95.7	dry 12.90		
SVE-10	10/22/2004	No measurable product	96.4	7.27	89.1	
	12/9/2004	No measurable product		5.50	90.9	
SVE-11	01/23/2001	13.65	97.7	8.53	89.2	
	05/10/2001			5.59	92.1	
	09/11/2001			8.33	89.4	
	12/27/2001			7.49	90.2	
	4/16/2003			11.48	86.2	
	10/12/2004			Product 7.45, Water 7.56	7.56	90.1
	10/22/2004			Product 7.65, Water 7.67	7.67	90.0
	11/3/2004			No measurable product	6.92	90.8
	11/15/2004			Product 7.48, Water 7.50	7.50	90.2
	12/9/2004			No measurable product	6.00	91.7
SVE-12	10/22/2004	No measurable product	96.8	8.98	87.8	
	11/15/2004	No measurable product		9.79	87.0	
	12/9/2004	No measurable product		5.90	90.9	
SVE-13	10/22/2004	No measurable product	97.0	7.10	89.9	
SVE-14	10/22/2004	No measurable product	97.3	12.15	85.2	
SVE-15	10/22/2004	No measurable product	96.8	15.44	81.4	

Notes:
 ft bgs = feet below ground surface
 NM = Not Measured
Bold = Measurable Product Present

Survey information for SVE wells was not available, therefore elevations were estimated/interpolated using elevation information from the initial 50 borings installed at the site.

Elevation measurements from wells SVE-25 and SVE12 were anomolous with surrounding elevations and were excluded from the 10-22-05 water table contour map.

TABLE 1
DEPTH TO GROUNDWATER and PRODUCT MEASUREMENTS
SHOREWOOD PUBLIC WORKS YARD
Project #6256

Well	Date	Well Depth (ft bgs)	Assumed Elevation (based on nearby boring elevations)	Depth to Water (ft bgs)	Water Table Elevation Estimated (site datum)	
SVE-16	01/23/2001	27.45	96.8	9.43	87.4	
	05/10/2001			9.32	87.5	
	09/11/2001			10.31	86.5	
	12/27/2001			9.73	87.1	
	4/16/2003			17.05	79.8	
	10/12/2004			No measurable product	17.12	79.7
	10/22/2004			No measurable product	17.23	79.6
SVE-17	10/22/2004	No measurable product	97.3	13.76	83.5	
SVE-18	11/15/2004	Equip. Obstructing Well				
SVE-21	10/22/2004	No measurable product	97.0	14.16	82.8	
	11/15/2004	No measurable product		13.71	83.3	
	12/9/2004	No measurable product		11.11	85.9	
SVE-22	01/23/2001	26.50	96.3	8.93	87.4	
	05/10/2001			7.23	89.1	
	09/11/2001			11.61	84.7	
	12/27/2001			11.22	85.1	
	4/16/2003			16.46	79.8	
	10/12/2004			No measurable product	17.20	79.1
	10/22/2004			No measurable product	17.95	78.4
	11/3/2004			No measurable product	16.48	79.8
	11/15/2004			No measurable product	17.30	79.0
	12/9/2004			No measurable product	15.35	81.0
SVE-23	01/23/2001	27.20	96.0	15.33	80.7	
	05/10/2001			11.69	84.3	
	09/11/2001			16.83	79.2	
	12/27/2001			16.27	79.7	
	4/16/2003			18.26	77.7	
	10/12/2004			No measurable product	18.55	77.5
	10/22/2004			No measurable product	18.65	77.4
SVE-25	10/22/2004	No measurable product	96.3	19.78	76.5	
	11/15/2004	No measurable product		19.50	76.8	
	12/9/2004	No measurable product		17.38	78.9	
SVE-26	01/23/2001	19.65	95.8	15.94	79.9	
	05/10/2001			13.35	82.5	
	09/11/2001			16.71	79.1	
	12/27/2001			16.68	79.1	
	4/16/2003			17.72	78.1	
	10/12/2004			No measurable product	18.55	77.3
	10/22/2004			No measurable product	17.95	77.9
SVE-27	10/22/2004	No measurable product	95.3	17.25	78.1	
SVE-29	01/23/2001	19.10	102.9	11.53	91.4	
	05/10/2001			10.89	92.0	
	09/11/2001			10.60	92.3	
	12/27/2001			11.67	91.2	
	4/16/2003			16.67	86.2	
	10/12/2004			No measurable product	12.41	90.5
	10/22/2004			No measurable product	12.50	90.4

Notes: ft bgs = feet below ground surface
 NM = Not Measured
 Bold = Measurable Product Present

Survey information for SVE wells was not available, therefore elevations were estimated/interpolated using elevation information from the initial 50 borings installed at the site.
 Elevation measurements from wells SVE-25 and SVE-12 were anomolous with surrounding elevations and were excluded from the 10-22-05 water table contour map.

Impacted Off-Source Property Information

Form 4400-246 (R 3/08)

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

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

BRRTS #:

ACTIVITY NAME:

ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
<input type="text" value="A"/>	<input type="text" value="Parcel West of Village of Shorewood Public Works Yard(3801 N. Morris Blvd)"/>	<input type="text" value="275-8997-001"/>	<input type="text" value="691510"/>	<input type="text" value="292533"/>
<input type="text" value="B"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="C"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="D"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="E"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="F"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="G"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="H"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text" value="I"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

December 26, 2002

Project Reference #6256

Mr. James Bartnicki
Director of Public Works
Village of Shorewood
3930 N. Murray Avenue
Shorewood, WI 53211

RE: **Notice of Dissolved Petroleum Impacts Within Public Street or Right-of-Way**
Village of Shorewood - Public Works Yard
3801 N. Morris Blvd.
Shorewood, Wisconsin

Dear Mr. Bartnicki:

On behalf of the Village of Shorewood, Sigma Environmental Services, Inc. (Sigma) is notifying the Village of Shorewood, Director of Public Works regarding the presence of dissolved petroleum hydrocarbon impacts in soil and groundwater located in the southwest portion of the Village Public Works Yard. Sigma has petitioned the Wisconsin Department of Commerce (COMM) for case closure for the site, conditional upon filing of the appropriate GIS registry information and notifying municipal authorities of petroleum impacts extending into public right-of-ways.

Sigma is notifying your department pursuant to Wisconsin Administrative Code, Chapter NR 726.05 (2)(b)(4), of the potential presence of soil and groundwater impacts beneath portions of the Village Yard Property, which may exceed applicable Wisconsin Administrative Code, Chapter NR 140 groundwater standards and Chapter NR 720 soil standards.

Sigma has enclosed soil and groundwater quality maps showing the estimated extent of affected soil (based on pre-remediation sampling) and monitoring well locations with the extent of dissolved benzene, naphthalene, and trimethylbenzenes detected during a December 2001 sampling event. Petroleum impacted groundwater above Wisconsin Administrative Code, Chapter NR 140 enforcement standards is present at the west edge of the Village Yard property. Review of investigation, remediation, and monitoring data indicates that the groundwater contaminant plume is generally stable or receding and that natural attenuation will likely restore the groundwater to NR140 standards within a reasonable period of time.

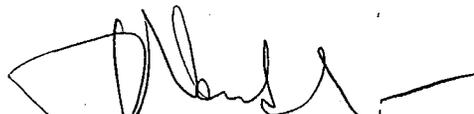
If future construction activities disturb soil in the vicinity of the above referenced site, the excavated soil may be considered a solid waste and require proper characterization and/or disposal. In addition, if future construction activities require dewatering, or if groundwater is to be otherwise extracted in the vicinity of the above referenced site, the groundwater shall be sampled and managed in compliance with applicable statutes and rules.

If you have any questions or comments, please contact us at (414) 768-7144.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES,

Ross M. Creighton, P.G. CHMM
Project Hydrogeologist



Joshua Neudorfer, CHMM
Senior Consultant / Hydrogeologist

cc: James J. Lynch - Village of Shorewood



December 26, 2002

Project Reference #6256

Ms. Susan Baldwin
Milwaukee County Parks Director
9480 W. Watertown Plank Road
Wauwatosa, WI 53226

RE: **Notice of Dissolved Petroleum Impacts
On County Land (Parcel 275-8997-001)
Immediately West of the Village of Shorewood Public Works Yard
3801 N. Morris Blvd.
Shorewood, Wisconsin**

Dear Ms. Baldwin:

On behalf of the Village of Shorewood, Sigma Environmental Services, Inc. (Sigma) is notifying the Milwaukee County Parks Department of the apparent presence of dissolved petroleum hydrocarbon impacts within soil and groundwater located along the western property line of the Village Public Works Yard (west of the intersection of Morris Boulevard and Beverly Road). The land was a former railroad right of way and is currently used as a bicycle path. Sigma has petitioned the Wisconsin Department of Commerce (COMM) for case closure for the site, conditional upon filing of the appropriate GIS registry information and notifying municipal authorities of petroleum impacts extending onto adjacent properties or into public right-of-ways.

Sigma is notifying your department pursuant to Wisconsin Administrative Code, Chapter NR 726.05 (2)(b)(4), of the presence of apparent soil and groundwater impacts beneath the bike path area, which may exceed applicable Wisconsin Administrative Code, Chapters NR 720 and NR 140 standards for soil and groundwater.

Sigma has attached soil and groundwater quality maps showing the estimated extent of affected soil (based on pre-remediation sampling) and monitoring well locations and the extent of dissolved benzene, naphthalene, and trimethylbenzenes detected during a December 2001 sampling event. Petroleum impacted groundwater above Wisconsin Administrative Code, Chapter NR 140 enforcement standards is present near the east edge of the property adjacent to the southwest corner of the Village of Shorewood Public Works Yard (west of the intersection of Morris Boulevard and Beverly Road). Review of recent investigation, remediation and monitoring data indicates that the groundwater contaminant plume is generally stable or receding and that natural attenuation will likely restore the groundwater to NR140 standards within a reasonable period of time.



Susan Baldwin
Page 2

December 26, 2002

If future construction activities disturb soil in the vicinity of the above referenced site, the excavated soil may be considered a solid waste and require proper characterization and/or disposal. In addition, if future construction activities require dewatering, or if groundwater is to be otherwise extracted in the vicinity of the above referenced site, the groundwater shall be sampled and managed in compliance with applicable statutes and rules.

If you have any questions or comments, please contact us at (414) 768-7144.

Sincerely,

SIGMA ENVIRONMENTAL SERVICES,



Ross M. Creighton, P.G., CHMM
Project Hydrogeologist



Joshua Neudorfer, CHMM
Senior Consultant / Hydrogeologist

Attachments

cc: Gary Mick – Milwaukee County
Mark Ryan – County Clerk
Jim Lynch – Village of Shorewood

OFF-SOURCE
A
PROPERTY

1500 374

REC. ... } SS
REGISTERED AT ...
JUL 17 1974
L. B. ...

County
Property

AWARD OF DAMAGES 1500 374
(Fee Simple Title)

By: Milwaukee County Board of Supervisors
Section 32.05 Stats.

This award of damages is made pursuant to a relocation order of the County Board of Supervisors of Milwaukee County, dated May 7, 1974, and filed in the office of the County Clerk of Milwaukee County for the purpose of laying out, constructing and maintaining a Mass Transit Way in the County of Milwaukee.

Milwaukee County has determined it necessary to acquire for the purpose set forth in and in accordance with said relocation order, a parcel of real estate, and/or rights therein as hereinafter set forth, in and to which the following persons have an interest:

Sidney Levy (owner)

Chicago and North Western Transportation Company (owner)

The interest acquired by this award is for fee title in and to a parcel of real estate described as follows, to-wit:

In the City of Milwaukee, Milwaukee County, Wisconsin

Parcel I

A strip of land 100 feet in width extending over and across Lots numbered Fourteen (14), Fifteen (15), and Sixteen (16), in the Southeast One-quarter (1/4) of Section numbered Sixteen (16), Township numbered Seven (7) North, Range numbered Twenty-two (22) East of the Fourth Principal Meridian, said strip of land being 50 feet in width on each side of the center line of the main track of the Northwestern Union Railway Company (now the Chicago and North Western Transportation Company), as said main track center line was originally located and established, except that portion of said strip lying East of the West line of North Bartlett Street and excepting therefrom that part thereof taken for the opening of North Newhall Street.

Parcel II

All of Lots numbered Two (2), Three (3), Six (6), Seven (7), Ten (10), Eleven (11), Fourteen (14), Fifteen (15), Eighteen (18), Nineteen (19), and Twenty-two (22), in Block numbered Two Hundred Thirteen (213), in (C. E. Larkin's) subdivision into Lots of Lot numbered Thirteen (13) in the Southeast One-quarter (1/4) of Section numbered Sixteen (16), in Township numbered Seven (7) North, Range numbered Twenty-two (22) East, excepting therefrom that part thereof lying East of a line 50 feet Easterly of, measured at right angles, and parallel with the center line of the railroad of Chicago and North Western Transportation Company.

JUL 17 1974 500 374 4056374

CHMREC

10280

Parcel III

All that part of vacated North Newhall Street, bounded and described as follows: Commencing at the Northwest corner of Block numbered Two Hundred Thirteen (213) in (C. H. Larkin's) Subdivision into Lots of Lot numbered Thirteen (13) in the Southeast One-quarter (1/4) of Section numbered Sixteen (16) in Township numbered Seven (7) North, Range numbered Twenty-two (22) East; thence South along the West line of said Block 213 and its extension 300 feet to a point 10 feet South of the Southwest corner of said Block 213; thence Northwesterly 303.65 feet to a point in the South line of East Bradford Avenue 47 feet West of the Northwest corner of said Block 213; thence East 47 feet to the point of beginning.

Parcel IV

All of Block numbered Four (4) in Casper and Hoff's Subdivision No. 2 of a part of Lot numbered Ten (10) in the Southeast One-quarter (1/4) of Section numbered Sixteen (16), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, of the Fourth Principal Meridian.

Parcel V

Those parts of Lots numbered Eleven (11) and Twelve (12) in the Southeast One-quarter (1/4) of Section numbered Sixteen (16), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, lying Northerly of the North line of East Bradford Street, Easterly of the East line, extended Northerly, of North Cambridge Avenue (formerly Larkin Street), and Westerly of a line parallel with and distant 50 feet Northeasterly, measured at right angles, from the center line of the main track of the Chicago and North Western Transportation Company, as said main track center line was originally located and established.

Parcel VI

A strip of land, 100 feet in width extending over and across the South half of Lot numbered Ten (10) in the Southeast One-quarter (1/4) of Section numbered Sixteen (16), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, said strip of land being 50 feet in width on each side of the original main track center line.

Parcel VII

A strip of land, 100 feet in width extending over and across Lots numbered Five (5), Six (6), Seven (7), Eight, (8), Nine (9), and that part of Lot numbered Ten (10) lying North of the North line of East Bellevue Place, in the Southeast One-quarter (1/4) and the Northeast One-quarter (1/4) of Section numbered Sixteen (16), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, said strip of land being 50 feet in width on each side of said original main track center line, and lying Southerly of the South line of East Locust Street (formerly Folsom Place).

1854/1981

Parcel VIII

A strip of land 100 feet in width extending over and across Lots numbered One (1), Two (2), Three (3), and that part of Lot numbered Four (4) lying Northerly of the North line of East Locust Street (formerly Folsom Place) in the Northeast One-quarter (1/4) of Section numbered Sixteen (16), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, said strip of land being 50 feet in width on each side of said original main track center line.

Parcel IX

A strip of land 100 feet in width extending over and across Fractional Lots numbered Three (3) and Four (4) in the Southeast One-quarter (1/4) of Section numbered Nine (9), Township numbered Seven (7) North, Range numbered Twenty-two (22) East of the Fourth Principal Meridian, said strip of land being 50 feet in width on each side of the center line of the main track of the Chicago and North Western Transportation Company as said main track center line was originally located and established over and across said Southeast 1/4 of Section 9, and the Easterly line of said strip of land being also the Westerly line of North Cambridge Avenue.

In Shorewood and Whitefish Bay, Milwaukee County, Wisconsin

Parcel X

A strip of land 100 feet in width extending over and across Lots numbered One (1) and Two (2) in the Northeast One-quarter (1/4) of Section numbered Nine (9), Township numbered Seven (7) North, Range numbered Twenty-two (22) East of the Fourth Principal Meridian, said strip of land being 50 feet in width on each side of the center line of the main track of the Chicago and North Western Transportation Company as said main track center line was originally located and established over and across said Northeast One-quarter (1/4) of Section 9, and lying Southerly of the South line of the North 75 feet of said Northeast 1/4 of Section 9.

Parcel XI

That part of Lot numbered One (1) in the Northeast One-quarter (1/4) of Section numbered Nine (9), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, bounded and described as follows: Beginning at a point on the South line of the North 75 feet of said Northeast 1/4 of Section 9, distant 70 feet Northeasterly, measured radially, from said original main track center line; thence Southeasterly parallel with said original main track center line a distance of 100 feet; thence Southwesterly at right angles to the last described course a distance of 20 feet; thence Northwesterly parallel with said original main track center line to a point on the south line of the North 75 feet of said Northeast 1/4 of Section 9; thence Easterly along said South line to the point of beginning.

75011912

Parcel XII

That part of Lot numbered Two (2) in the Northeast One-quarter (1/4) of Section numbered Nine (9), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, bounded and described as follows: Commencing at the intersection of the North line of said Lot 2 and said original main track center line; thence Southeasterly along said original main track center line a distance of 636 feet; thence Southwesterly radial to the last described course a distance of 50 feet; thence Southeasterly parallel with said original main track center line a distance of 125 feet to the point of beginning of the parcel of land herein described; thence Southwesterly along a straight line a distance of 44.5 feet to a point distant 70 feet Southwesterly, measured radially, from said original main track center line; thence Southeasterly parallel with said original main track center line a distance of 289 feet; thence Southeasterly along a straight line a distance of 63 feet to a point distance 50 feet Westerly, measured radially, from said original main track center line; thence Northerly and Northwesterly parallel with said original main track center line to the point of beginning.

Property between Capitol Drive and Hampton Road - Villages of Shorewood and Whitefish Bay, Milwaukee County, Wisconsin

Parcel XIII

A strip of land 100 feet in width extending over and across the Northwest One-quarter (1/4), the East half of the Southwest One-quarter (1/4), and the Southwest One-quarter (1/4) of the Southeast One-quarter (1/4) (lying North of the North line of East Capitol Drive), of Section numbered Four (4), Township numbered Seven (7) North, Range numbered Twenty-two (22) East of the Fourth Principal Meridian, said strip of land being 50 feet in width on each side of the center line of the main track of the Northwestern Union Railway Company (now the Chicago and North Western Transportation Company), as said main track center line was originally located and established over and across said Northwest 1/4, the East half of the Southwest 1/4, and the Southwest 1/4 of the Southeast 1/4 of Section 4.

Parcel XIV

A strip of land 100 feet in width extending over and across that part of the Northeast One-quarter (1/4) of the Northeast One-quarter (1/4) of Section numbered Five (5), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, lying Southerly of the South line of the North 57 feet thereof, said strip of land being 50 feet in width on each side of the center line of the main track of the Chicago and North Western Transportation Company as originally located and established over and across said Northeast 1/4 of the Northeast 1/4 of Section 5.

Together with and including all of owners' right, title and interest, if any, in and to:

- 1) Bridges presently located upon the above-described real estate; and
- 2) The following additional bridges presently spanning Locust Street (Folsom Place), E. Bellevue Place, E. Bradford Street and E. Capitol Drive.

Subject to an easement for the Railroad in, upon, over and under the described real estate for the following purposes:

- a) For the railroad tracks now located on the above-described real estate, together with the right to use, occupy and enjoy strips of land of sufficient width and in no case less than 18 feet in width, being 9 feet in width on each side of the center line of said tracks, as presently located or as relocated on sites designated by the condemnor as hereinafter provided, for the maintenance, use, operation, repair, renewal and reconstruction of said tracks;
- b) For the maintenance, use, repair, renewal and reconstruction of bridges and the approaches thereto, and of the buildings and other properties and facilities of the Railroad.
- c) For ingress and egress of persons, vehicles and equipment for all purposes of (a) and (b) above.

The tracks, bridges, approaches, buildings and other properties and facilities referred to in (a) and (b) above are hereinafter referred to as the "facilities." Chicago and Northwestern Transportation Company, its successors and assigns, are herein collectively referred to as "Railroad."

In the event the Railroad either permanently abandons use of all or a part of the facilities by removal thereof at its expense, or serves written notice upon condemnor of abandonment of all or a part of such facilities in place, or relocates its operations in whole or in part upon condemnor's demand as hereinafter provided, this easement shall terminate to the extent the facilities are removed, abandoned or relocated as the case may be. All abandoned facilities shall become the property of the condemnor.

Railroad shall, upon written demand of condemnor, relocate all or a portion of the operations described in (a), (b) and (c) above to a substitute unencumbered easement granted by the condemnor and at Railroad's option either 1) remove all its facilities from the area sought to be relocated, or 2) remove from said area some of its facilities and abandon the remainder, or 3) abandon its facilities in said area;

provided that the substitute easement shall enable the Railroad to continue to operate in a safe and efficient manner and in accordance with the requirements of any governmental agency having jurisdiction thereover, and provided further that the condemnor shall pay the entire cost for relocation of Railroad's operations. If as result of the nature of the use of the lands acquired by condemnor, or as result of such a relocation fencing of the original or any substitute easement is necessary to provide an efficient and safe operation, or is required by governmental agencies having jurisdiction over Railroad's operations, then the cost of installing and maintaining such fencing shall be paid by condemnor. Railroad is not relieved from obligations, if any, to maintain bridges along any portion of its right-of-way over which its operations continue.

OFF-SOURCE
A
PROPERTY

798 1985

Said parcel of real estate and/or interest therein will be occupied by the County of Milwaukee on August 16, 19 77.

Milwaukee County having complied with all jurisdictional requirements pursuant to law hereby makes this award of damages to the above said persons having an interest in said parcel of real estate, in the sum of One Million One Hundred Thousand and 00/100 (\$1,100,000.00) Dollars for the acquisition of said parcel of real estate and/or interest therein as hereinbefore set forth. Said consideration is payment in full for the property described herein and includes full compensation for the items of damage set forth in Chapter 32, Wisconsin Statutes, assuming the completion of the improvements contemplated by the relocation order or orders upon which this award is based.

MILWAUKEE COUNTY, a municipal body corporate

By William E. Meaux

William E. Meaux - First Vice Chairman of Milwaukee County Board of Supervisors

Richard H. Sussler

Richard H. Sussler, Deputy County Clerk

RECORDED
MILWAUKEE COUNTY

000025

Dated at Milwaukee, Wisconsin, this 17 day of August, 19 77.

This instrument was drafted by the Milwaukee County Department of Public Works.

Mass Transit Way

parcel TW-1-00-1

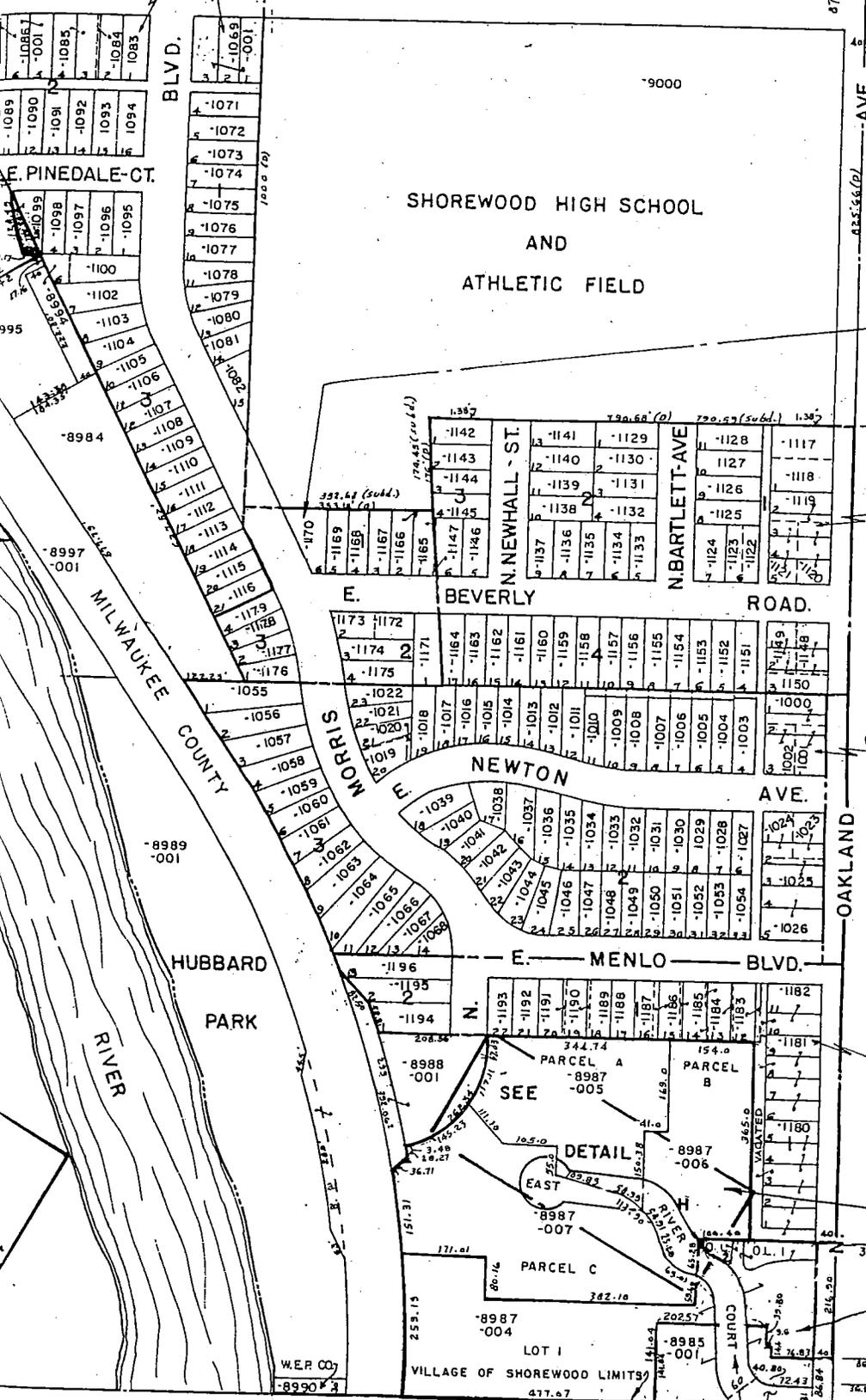
dk

VILLAGE OF SHOREWOOD
CITY OF MILWAUKEE
SCALE 1" = 200'

M. NO.
07

HARDER-HUGHES-SUBD-OF-HIGH-SCHOOL-TERRACE.
DRIVE.

FIGURE #1



HIGH SCHOOL PARK
ADDITION

HIGH SCHOOL PARK

GOLDMANN'S SUBD OF
MENLO GARDENS

HUBBARD
PARK

RAVINIA PARK

C.S.M. NO.
3012

C.S.M. NO.
3748

VILLAGE OF SHOREWOOD LIMITS
CITY OF MILWAUKEE LIMITS

RESOLUTION 94-03

COMPILED IN OFFICE
COUNTY CLERK

