

# GIS REGISTRY

## Cover Sheet

March, 2010  
(RR 5367)

### Source Property Information

**BRRTS #:**

**ACTIVITY NAME:**

**PROPERTY ADDRESS:**

**MUNICIPALITY:**

**PARCEL ID #:**

**CLOSURE DATE:**

**FID #:**

**DATCP #:**

**COMM #:**

#### \*WTM COORDINATES:

X:  Y:

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

#### WTM COORDINATES REPRESENT:

- Approximate Center Of Contaminant Source
- Approximate Source Parcel Center

**Please check as appropriate:** (BRRTS Action Code)

#### Contaminated Media:

Groundwater Contamination > ES (236)

- Contamination in ROW
- Off-Source Contamination

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

Soil Contamination > \*RCL or \*\*SSRCL (232)

- Contamination in ROW
- Off-Source Contamination

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

#### Land Use Controls:

- N/A (Not Applicable)
- Soil: maintain industrial zoning (220)  
*(note: soil contamination concentrations  
between non-industrial and industrial levels)*
- Structural Impediment (224)
- Site Specific Condition (228)

- Cover or Barrier (222)  
*(note: maintenance plan for  
groundwater or direct contact)*
- Vapor Mitigation (226)
- Maintain Liability Exemption (230)  
*(note: local government unit or economic  
development corporation was directed to  
take a response action)*

#### 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 #: 03-13-001969 (No Dashes) PARCEL ID #: 251-0710-061-2936-8  
ACTIVITY NAME: Madison East Shopping Center WTM COORDINATES: X: 573246 Y: 292343

**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.)
- Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- Conditional Closure Letter**
- Certificate of Completion (COC)** (for VPLE sites)

**SOURCE LEGAL DOCUMENTS**

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

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

Maps must be no larger than 11 x 17 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 #: A-2                      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 #: A-3                      Title: Site Plan**
- 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 #: C-2                      Title: Soil Results Map**

BRRTS #: 03-13-001969

ACTIVITY NAME: Madison East Shopping Center

**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 #: Title:

Figure #: Title:

**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 #: E-3 Title: Groundwater Results 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 #: E-4 Title: Water Table Map January 18, 2006

Figure #: E-5 Title: Water Table Map April 27, 2011

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

Tables must be no larger than 11 x 17 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 #: C-1 Title: Soil Analytical Results - VOCs

**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 #: E-1 Title: Groundwater Analytical Results Summary - VOCs

**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 #: E-6 Title: Water Level Summary

**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 #: A-3 Title: Site Plan

**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 #: 03-13-001969

ACTIVITY NAME: Madison East Shopping Center

**NOTIFICATIONS**

**Source Property**

**Not Applicable**

**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.

**Not Applicable**

**Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.

*Note: Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

**Number of "Off-Source" Letters:**

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

**Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies)**. This does not apply to right-of-ways.

*Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

**Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

**Figure #:**                      **Title:**

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

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

State of Wisconsin  
DEPARTMENT OF NATURAL RESOURCES  
South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg WI 53711-5397

Scott Walker, Governor  
Cathy Stepp, Secretary  
Lloyd L. Eagan, Regional Director  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY Access via relay - 711



September 13, 2011

Mr. Gregory Rice  
Executive Management, Incorporated  
P.O. Box 8685  
Madison WI 53708

Subject: Final Case Closure with Continuing Obligations  
Madison East Shopping Center, 2710-2829 E. Washington Ave. Madison, WI  
BRRTs # 03-13-001969

Dear Mr. Rice:

On July 11, 2011, the South Central Region Closure Committee reviewed your request for closure of the case described above. The South Central Region Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. On August 8, 2011, you were notified that the Closure Committee had granted conditional closure to this case.

On August 24, 2011 the Department received documentation indicating that you have complied with the requirements for final closure. The monitoring well abandonment forms were received for the monitoring wells at the site.

The Department reviewed the case closure request regarding the contamination in soil and groundwater pertaining to the petroleum release at this site. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time. However, you and future property owners must comply with certain continuing obligations as explained in this letter.

#### GIS Registry

This site will be listed on the Remediation and Redevelopment Program's internet accessible GIS Registry, to provide notice of residual contamination, and of any continuing obligations. The continuing obligations for this site are summarized below:

- Residual soil contamination exists that must be properly managed should it be excavated or removed
- 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
- One or more monitoring wells were not located and must be properly abandoned if found.

All site information, including the maintenance plan, is also on file at the South Central Regional DNR office, at 3911 Fish Hatchery Road, Fitchburg, WI. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry, in a PDF attachment. 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 the 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 at <http://dnr.wi.gov/org/water/dwg/3300254.pdf> or at the web address listed above for the GIS Registry.

#### Closure Conditions

Please be aware that pursuant to s. 292.12 Wisconsin Statutes, compliance with the requirements of this letter is a responsibility to which you and any subsequent property owners must adhere. You must pass on both the information about these continuing obligations and the maintenance plan to the next property owner or owners. 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.

#### Residual Soil Contamination

Residual soil contamination remains at various locations of the former underground storage tanks as indicated on the attached Figure C-2, Soils Results Map and in the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

#### Cover or Barrier

Pursuant to s. 292.12(2)(a), Wis. Stats., the pavement or other impervious cap that currently exists in the location shown on the attached Figure G-1, Cap Maintenance Area 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.

Soil contamination remains at areas of former underground storage tanks as shown on the attached map and in the information submitted to the Department of Natural Resources. If soil in the specific locations shown on the attached map 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 is 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.

### Prohibited Activities

The following activities are prohibited on any portion of the property where pavement 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; 6) construction or placement of a building or other structure.

Upon Department approval to replace the existing barrier, the replacement barrier must be one of similar permeability, until contaminant levels no longer exceed the applicable standards.

### Residual Groundwater Contamination

Groundwater impacted by petroleum contamination greater than enforcement standards set forth in ch. NR140, Wis. Adm. Code, is present on this property, as shown on the attached Figure E-3, Groundwater Results Map.

### Monitoring Wells that could not be Properly Abandoned

On June 27, 2011, your consultant, SCS BT Squared, Inc. notified the Department that a monitoring well, MW-3 location shown on the Groundwater Results Map, could not be properly abandoned because it was not found due to being paved over or covered during site development activities. Your consultant has made a reasonable effort to locate the well and to determine whether it was properly abandoned but has been unsuccessful in those efforts. You need to understand that in the future you may be held liable for any problems associated with monitoring well MW-3 if it creates a conduit for contaminants to enter groundwater. If, in the future, the groundwater monitoring well is found, the then current owner of the property on which the well is located will be required to notify the Department, to properly abandon the wells in compliance with the requirements in ch. NR 141, Wis. Adm. Code, and to submit the required documentation of that abandonment to the Department.

### Dewatering Permits

The Department's Watershed Management Program regulates point source discharges of contaminated water, including discharges to surface waters, storm sewers, pits or to the ground surface. This includes discharges from construction related dewatering activities, including utility and building construction.

Based on the concentrations of contaminants remaining in groundwater at this location, it appears likely that dewatering activities would require a permit from the Watershed Management Program. If you or any other person plan to conduct such activities, you or that person must contact that program, and if necessary, apply for the necessary discharge permit. Additional information regarding discharge permits is available at <http://www.dnr.state.wi.us/org/water/wm/ww/>

### Post-Closure Notification Requirements

In accordance with ss. 292.12 and 292.13, Wis. Stats., you must notify the Department before making changes that affect or relate to the conditions of closure in this letter. For this case, examples of changed conditions requiring prior notification include, but are not limited to:

- Disturbance, construction on, change or removal in whole or part of pavement, an engineered cover or a soil barrier that must be maintained over contaminated soil
- One or more monitoring wells that were not located are found and properly abandoned.

Please send written notifications in accordance with the above requirements to South Central Region RR Program at 3911 Fish Hatchery Road, Fitchburg, WI, to the attention of Wendy Weihemuller the Environmental Program Associate.

PECFA Reimbursement

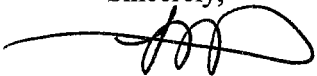
Section 101.143, Wis. Stats., requires that PECFA claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received by the PECFA Program within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the Department of Safety and Professional Services PECFA Program to determine the method for salvaging the equipment.

The following DNR fact sheet, RR-819, "Continuing Obligations for Environmental Protection" has been included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf>.

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.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Wendell Wojner at (608) 275-3297.

Sincerely,



Linda Hanefeld, Team Supervisor  
South Central Remediation & Redevelopment Program

Attach: Soil Contamination Map  
Groundwater Contamination Map  
Maintenance Plan  
RR 819

cc: Tom Culp, SCS BT Squared, Inc. 2830 Dairy Drive, Madison, WI 53718



**PAVEMENT CAP  
MAINTENANCE PLAN  
Madison East Shopping Center**

2817 E. Washington Avenue  
Madison, Wisconsin

June 2011

Prepared For:

**Executive Management, Inc.**  
P.O. Box 8685  
Madison, Wisconsin 53708

Prepared By:

**BT SQUARED, Inc.**  
2830 Dairy Drive  
Madison, Wisconsin 53718

**BT SQUARED Project #1526**



**BT SQUARED**  
CIVIL & ENVIRONMENTAL ENGINEERING

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### FIGURE

G-1 Cap Maintenance Area

### APPENDICES

A Warranty Deed  
B Barrier Inspection Log

i:\1526\reports\closure request petroleum\cap\_maintenance\_plan\_june 2011.doc (Template Rev. 01/2011)

## 1.0 INTRODUCTION

Property Location: 2701-2829 East Washington Avenue, Madison, Wisconsin

FID #: NA

WDNR BRRTS/Activity #: 03-13-001969

Legal Description: See Warranty Deed (**Appendix A**)

Tax #: 0710-061-2936-8

This document is the Maintenance Plan for a pavement cap 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 paved surfaces occupying the area over the contaminated soil and groundwater on site. The contaminated soil and groundwater are impacted by diesel range organics (DRO), petroleum volatile organic compounds (PVOCs), and naphthalene. The location of the paved surfaces to be maintained in accordance with this Maintenance Plan, as well as the impacted soil are identified on the attached map (**Figure G-1**).

## 2.0 PAVEMENT CAP PURPOSE

The paved surfaces over the contaminated soil and groundwater serve as a partial infiltration barrier to minimize future soil-to-groundwater contamination migration that would violate the groundwater standards in ch. NR 140, Wisconsin Administrative Code. Based on the current and future use of the property, the barrier should function as intended unless disturbed.

## 3.0 ANNUAL INSPECTION

The paved surfaces overlying the contaminated soil and as depicted on **Figure G-1** will be inspected once a year, normally in the spring after all snow and ice are gone, for deterioration, cracks, and other potential problems that can cause additional infiltration into underlying soils. The inspections will be

performed to evaluate damage due to settling, exposure to the weather, wear from traffic, 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 in **Appendix B**, Cap Inspection Log. The log will include recommendations for necessary repair of any areas where underlying soils are exposed or where a depression in the pavement shows severe cracking. Once repairs are completed, they will be documented in the inspection log. A copy of the inspection log will be maintained on site, unless otherwise directed in the case closure letter.

#### 4.0 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 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 potential for direct contact exposure hazard. 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 soil and groundwater 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 and/or the building, 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.

#### 5.0 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 the WDNR.

## 5.1 Contact Information

June 2011

Site Owner and Operator: Executive Management, Inc.  
P.O. Box 8685  
Madison, WI 53704  
Phone: 608.242.5566

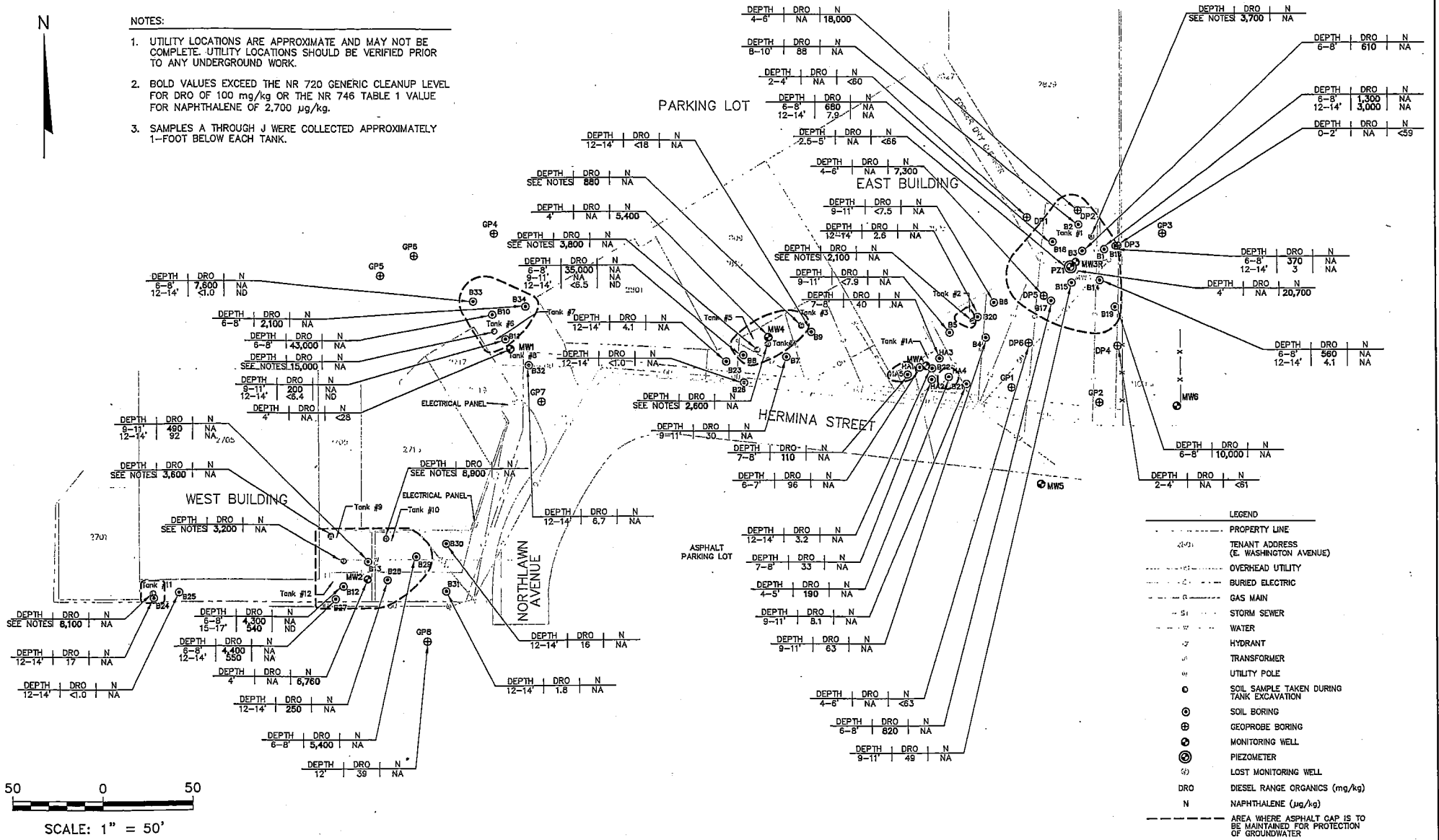
Consultant: BT Squared, Inc.  
2830 Dairy Drive  
Madison, WI 53718  
Phone: 608.224.2830

WDNR: Mr. Wendell Wojner  
3911 Fish Hatchery Road  
Fitchburg, WI 53711  
Phone: 608.275.3297

N

NOTES:

- UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE COMPLETE. UTILITY LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY UNDERGROUND WORK.
- BOLD VALUES EXCEED THE NR 720 GENERIC CLEANUP LEVEL FOR DRO OF 100 mg/kg OR THE NR 746 TABLE 1 VALUE FOR NAPHTHALENE OF 2,700 µg/kg.
- SAMPLES A THROUGH J WERE COLLECTED APPROXIMATELY 1-FOOT BELOW EACH TANK.



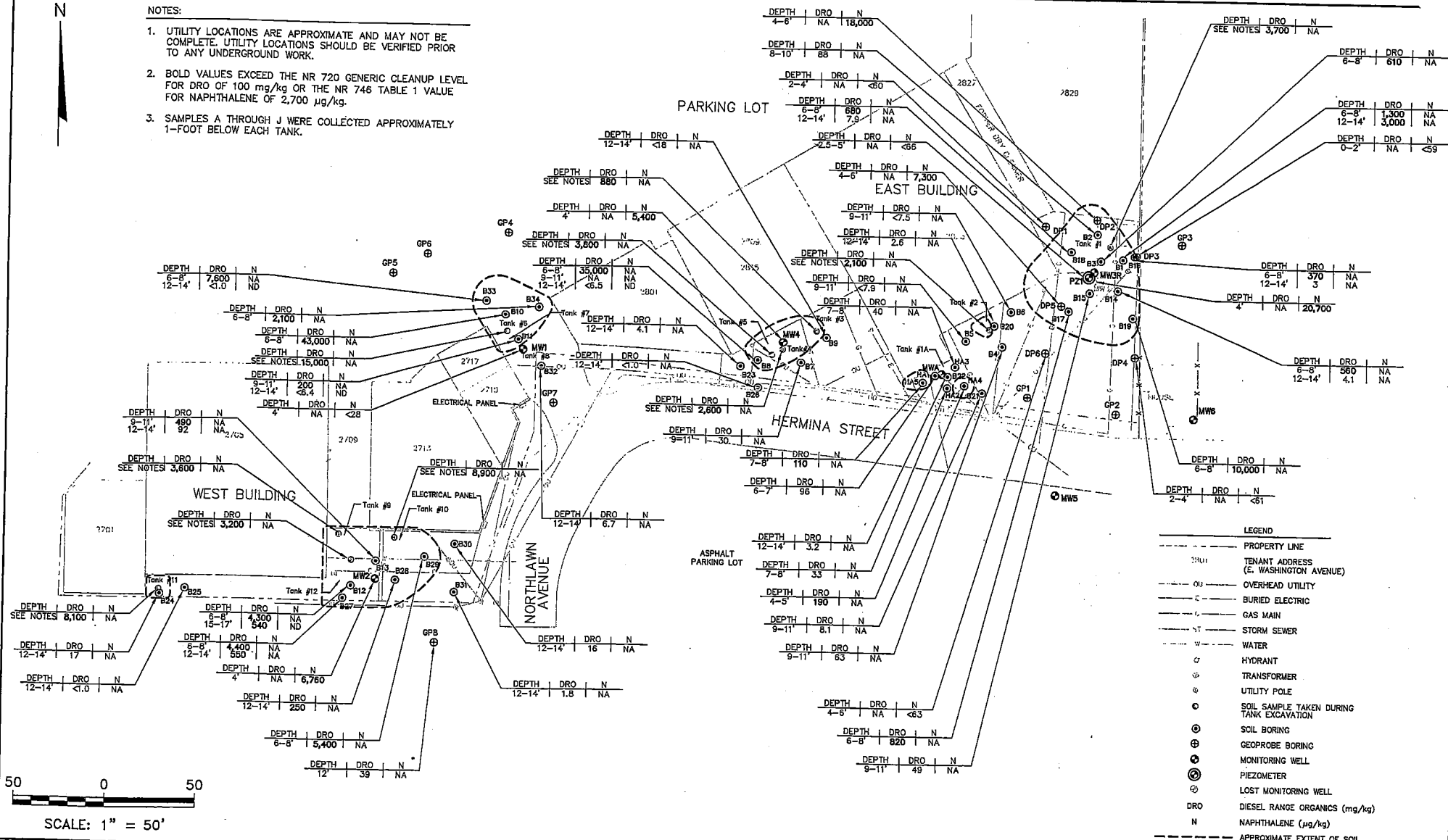
PROJECT NO. 1526	DRAWN BY: SAS	ENGINEER	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	EXECUTIVE MANAGEMENT, INC. PO BOX 8885 MADISON, WI 53708	SITE	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	CAP MAINTENANCE AREA	FIGURE
DRAWN: 03/31/11	CHECKED BY: SMS								G-1
REVISED: 05/31/11	APPROVED BY: SMS 06/06/11								

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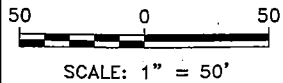
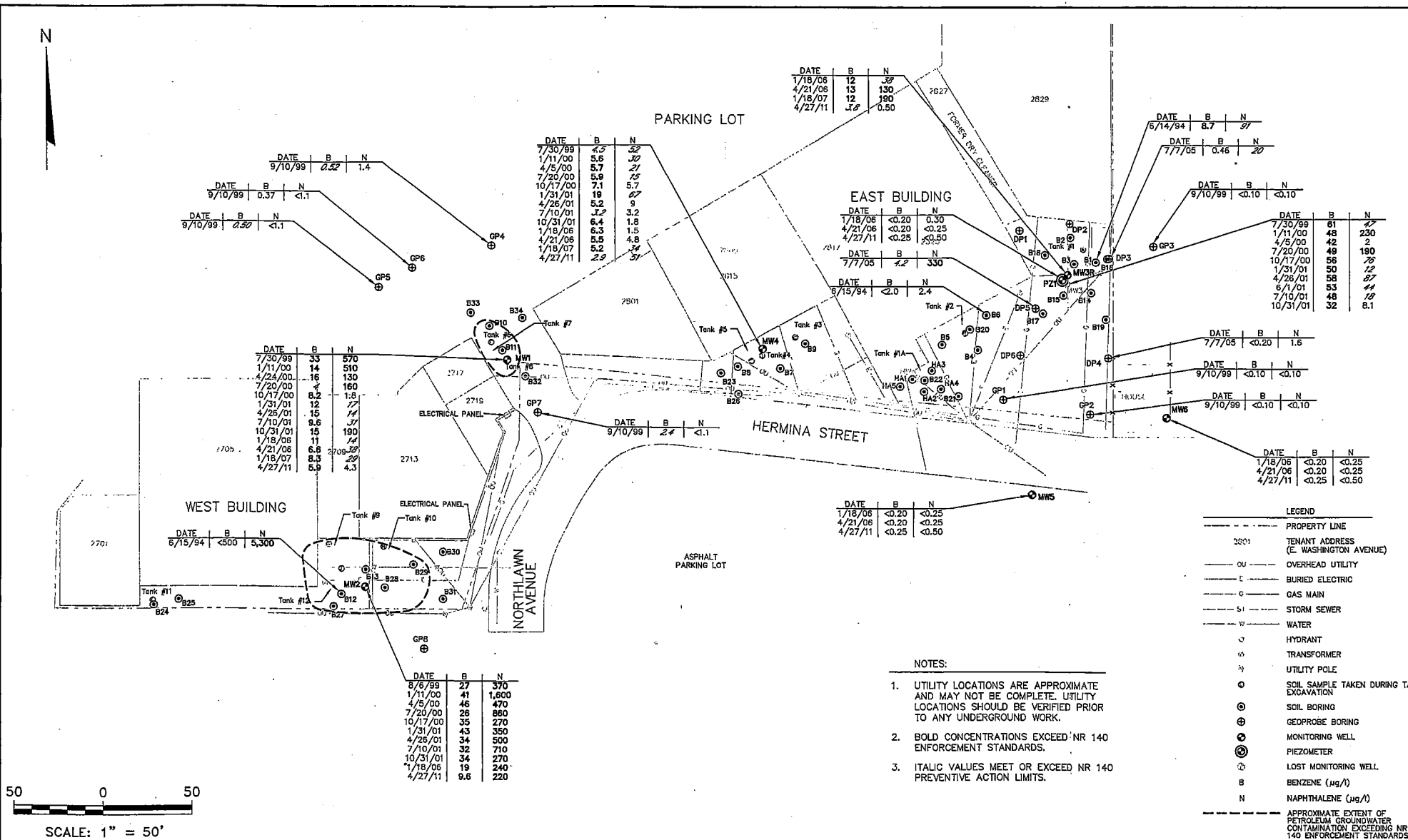
NOTES:

- UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE COMPLETE. UTILITY LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY UNDERGROUND WORK.
- BOLD VALUES EXCEED THE NR 720 GENERIC CLEANUP LEVEL FOR DRO OF 100 mg/kg OR THE NR 746 TABLE 1 VALUE FOR NAPHTHALENE OF 2,700 µg/kg.
- SAMPLES A THROUGH J WERE COLLECTED APPROXIMATELY 1-FOOT BELOW EACH TANK.



PROJECT NO. 1526	DRAWN BY: SAS	 <b>BT SQUARED</b> 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT: EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	SOIL RESULTS MAP	FIGURE C-2
DRAWN: 03/31/11	CHECKED BY: SMS		DATE: 05/11			
REVISED: 05/31/11	APPROVED BY: SMS 08/08/11		ENGINEER:			

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PROJECT NO. 1526	DRAWN BY: SAS	 <b>BT SQUARED</b> 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT: EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	GROUNDWATER RESULTS MAP	FIGURE
DRAWN: 04/06/11	CHECKED BY: SMS		ENGINEER: SMS 06/06/11			FIGURE E-3
REVISED: 05/31/11	APPROVED BY: SMS 06/06/11					

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APPENDIX 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  
South Central Region Headquarters  
3911 Fish Hatchery Road  
Fitchburg WI 53711-5397

Scott Walker, Governor  
Cathy Stepp, Secretary  
Lloyd L. Eagan, Regional Director  
Telephone 608-275-3266  
FAX 608-275-3338  
TTY Access via relay - 711



August 8, 2011

Mr. Gregory Rice  
Executive Management, Inc.  
P.O. Box 8685  
Madison, WI 53708

Subject: Conditional Closure Decision,  
With Requirements to Achieve Final Closure  
Madison East Shopping Center, 2701-2829 E. Washington Ave., Wisconsin  
WDNR BRRTS Activity # 03-13-001969

Dear Mr. Rice:

On July 11, 2011, the South Central Region Closure Committee reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of the closure request, the Closure Committee has determined that the petroleum and chlorinated solvent contamination on the site from former storage tanks appears to have been investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following condition is satisfied:

**MONITORING WELL ABANDONMENT**

The monitoring wells at the site must be properly abandoned in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to Scott Johnson on Form 3300-005, found at <http://dnr.wi.gov/org/water/dwg/gw/> or provided by the Department of Natural Resources. Please be aware that the lost monitoring well on the site, if discovered, must also be properly abandoned at that time.

Your site will be listed on the DNR's Remediation and Redevelopment GIS Registry. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

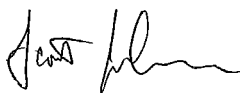
**CONTINUING OBLIGATIONS AND RESPONSIBILITIES**

As part of the approval of the closure of this case, you will be responsible for maintaining the pavement cap as outlined in the cap maintenance plan.

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

We appreciate your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at 608-275-3220.

Sincerely,



Scott Johnson  
Hydrogeologist  
Remediation & Redevelopment Program

Enclosure

cc: Stephen Sellwood, SCS BT Squared, Inc. 2830 Dairy Dr. Madison, WI 53718-6751

State Bar of Wisconsin Form 2-2003 WARRANTY DEED

DOCUMENT # 4581513

Document Number

Document Name

08/03/2009 3:24 PM

THIS DEED, made between Stephen S. Coon, as to his 16.1997% tenant in common interest

Trans. Fee: 1846.80 Exempt #:

("Grantor," whether one or more), and GAR Holdings II, LLC, a Wisconsin limited liability company, a 9.6657% tenant in common interest, John R. Brigham, a 3.4024% tenant in common interest, and Philip R. Coon, Jr., a 3.1316% tenant\*

Rec. Fee: 15.00 Pages: 3

("Grantee," whether one or more).

Grantor for a valuable consideration, conveys and warrants to Grantee the following described real estate, together with the rents, profits, fixtures and other appurtenant interests, in Dane County, State of Wisconsin ("Property") (if more space is needed, please attach addendum):

Recording Area

Name and Return Address

Jon D. Becker Reinhart Boerner Van Deuren s.c. P.O. Box 2018 Madison, WI 53701-2018

\*in common interest

See Exhibit A attached hereto and made a part hereof.

See Exhibit A

Parcel Identification Number (PIN)

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

Exceptions to warranties:

Municipal and zoning ordinances and agreements entered under them, recorded easements for the distribution of utility and municipal services, recorded building and use restrictions and covenants, and general taxes levied in 2009.

Dated March 19, 2009

Signature lines for Stephen S. Coon and others with (SEAL) markers.

AUTHENTICATION

Signature(s) authenticated on

ACKNOWLEDGMENT

STATE OF WISCONSIN ) ) ss. COUNTY )

Personally came before me on the above-named Stephen S. Coon

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

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

THIS INSTRUMENT DRAFTED BY: Jon D. Becker, Reinhart Boerner Van Deuren s.c.

Notary Public, State of WI My commission (is permanent) (expires: 04-08-12)

T/615,600 (1846.80) 3/15

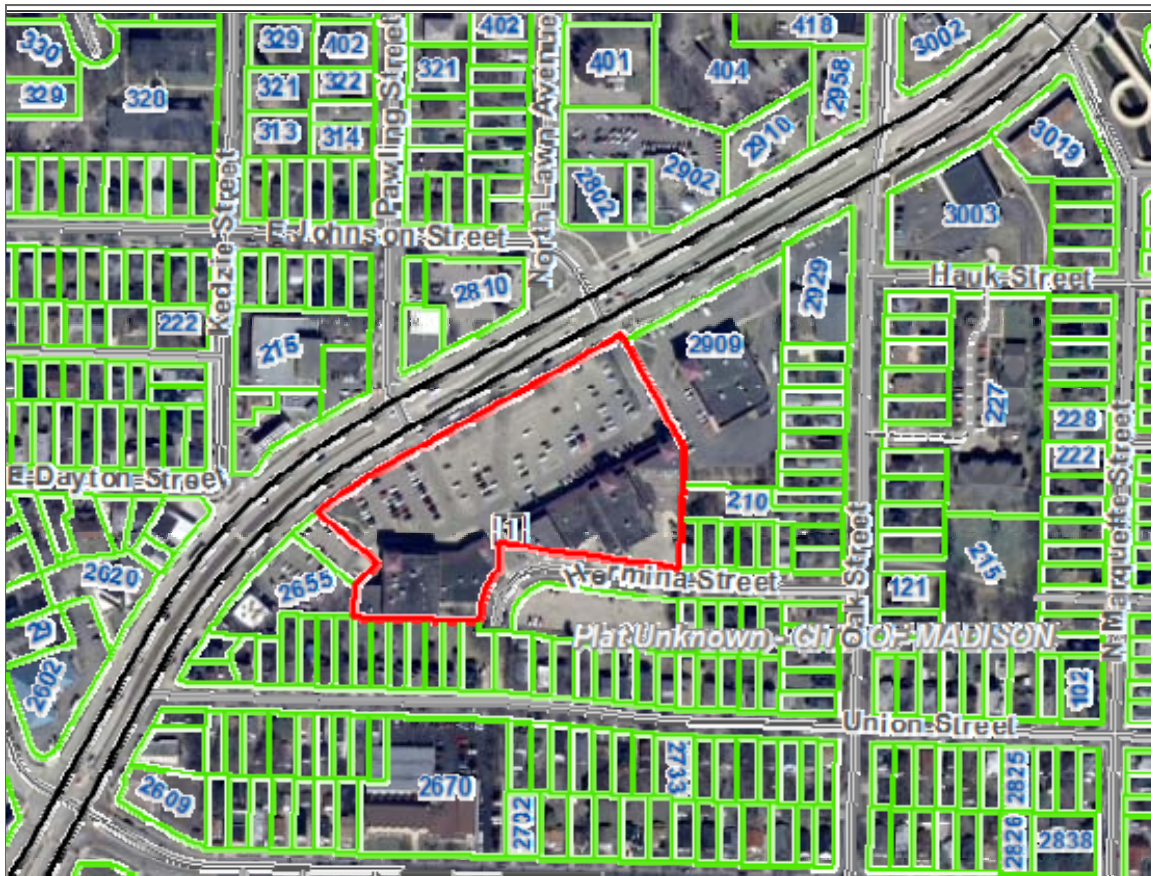
**Exhibit "A "**

PARCEL A-I: Lots One (1) through Eight (8), inclusive, and all of the alley, now vacated, in Block One (1), and Lots One (1) through Sixteen (16), inclusive, in Block Two (2), and that part of vacated North Lawn Avenue and Sachs Street, in Reuter Subdivision, and that part of Lot One Hundred Nineteen (119) of Farwell's Eastern Addition, in the City of Madison, Dane County, Wisconsin, all lying within and being bounded by the following described line: Beginning at the Southeast corner of Block Two (2) of said Reuter Subdivision; thence Northerly along the East line of said Subdivision, 503.1 feet to the Southeasterly line of East Washington Avenue as now located and improved; thence Southwesterly along said Southeasterly line of East Washington Avenue, 626.85 feet to a point of curve in said line; thence continuing Southwesterly along said street line which is the arc of a circle, convex toward the Northwest, having a radius of 960.6 feet, 157.15 feet to a point on the Southwesterly boundary line of land conveyed to Fauerbach Brewing Company by Emma Girstenbrel and Louisa Girstenbrel Huemmer by Warranty Deed dated January 21, 1947, and recorded in Volume 492 of Deeds, Page 118; thence South 50°49' East along said boundary line 142.5 feet; thence South 39°11' West along the boundary of said lands, 60 feet; thence South 2°44' West, 54.7 feet to the Northeast corner of Lot 26 in Clyde A. Gallagher Replat of Part of Lots 118 and 119 of Farwell's Eastern Addition; thence East along the North boundary of said Clyde A. Gallagher Replat, 231 feet to the Northeast corner of Lot 19 of said Clyde A. Gallagher Replat, said point being the Southwest corner of land conveyed to the City of Madison by Fauerbach Brewing Company by Quit Claim Deed dated December 6, 1946, and recorded in Volume 495 of Deeds, Page 50; thence Northerly 15 feet measured on the Northerly Extension of the East line of said Lot 19, said East line being the West line of Northlawn Avenue; thence Northeasterly on a curve of 128 feet radius and convex to the Northwest 83.6 feet (chord measurement) to a point on the West line of Reuter Subdivision, said West line being the center line of Northlawn Avenue, which point is 93 feet North from the point of intersection of said center line with the Easterly extension of the North line of said Lot 19 in the Clyde A. Gallagher Replat; thence Northerly along said West line of Reuter Subdivision, 53.9 feet to the point of intersection of said line with an extension Westerly of the Northerly line of Hermina Street; thence Southeasterly along said Northerly line of Hermina Street, 336.66 feet to the point of beginning (excepting, however, that part conveyed to the City of Madison by Quit Claim Deed dated June 24, 1952, and recorded July 14, 1952, as Instrument No. 837490, conveying that portion of Block 2 in Reuter Subdivision lying South of a line drawn from the Southwest corner of Lot 14 to a point of the East line of Lot 9, 9.5 feet North of the Southeast corner of said Lot 9).

PARCEL A-II: Lots One (1) through Eight (8), inclusive, Block Three (3), Reuter Subdivision, in the City of Madison, Dane County, Wisconsin, Except that part conveyed to the City of Madison for Street purposes described as follows: Beginning at the Northeast corner of Lot 8, Block 3, Reuter's Subdivision to the City of Madison, Dane County, Wisconsin; thence Northwesterly to a point on the West line of Lot 3 in said Block 3, last mentioned point being 60 feet South of the Southwest corner of Lot 14, Block 2, Reuter's Subdivision; thence Southwesterly on a curve convex to the Northwest of 70 feet radius to the West line of said Block 3; thence North along said West line of Block 3 to the North line of said Block 3; thence Southeasterly along said North line of Block 3 to the point of beginning.

EXCEPT part of Lots Three (3), Four (4) and Five (5), Block One (1), and that part of the vacated street and alley, all in Reuter Subdivision, located in the Northwest Quarter of the Northwest Quarter (NW1/4NW1/4) of Section Five (5), Township Seven (7) North, Range Ten (10) East, in the City of Madison, Dane County, Wisconsin, more fully described as follows: Commencing at the Southwest corner of Lot 115 of Farwell's Addition; thence North 01°13'53" East, along the West line of Lot 115 of Farwell's Addition and the East line of Reuter Subdivision, 137.55 feet to the point of beginning of this description; thence North 29°25'31" West, 231.87 feet to the Southerly right-of-way of East Washington Avenue (U.S. Highway "151"); thence North 60°34'29" East along said Southerly right-of-way, 137.44 feet; thence South 01°13'53" West, 269.55 feet to the point of beginning of this description, said excepted part now being contained within Certified Survey Map No. 9676.

Tax Parcel No: 251-0710-061-2936-8  
(Property Address: 2705 East Washington Avenue Madison, WI)



**Tax parcels**

Attribute	Value
Parcel Number	071006129368
Billing Street Address	PO BOX 8685
Billingcity	MADISON
Billingstate	WI
Billingzip	53708

Map Printed On {2011-09-14 11:28}

Powered by **ROLTA OnPoint™**

May 10, 2010

To: Wisconsin Department of Natural Resources

Subject: Statement that all Legal Descriptions for Properties within the  
Contaminated Site Boundaries have been Included  
Classic Cleaners – Madison East Shopping Center  
2817 E. Washington Avenue, Madison, Wisconsin  
BRRTS #02-13-522764

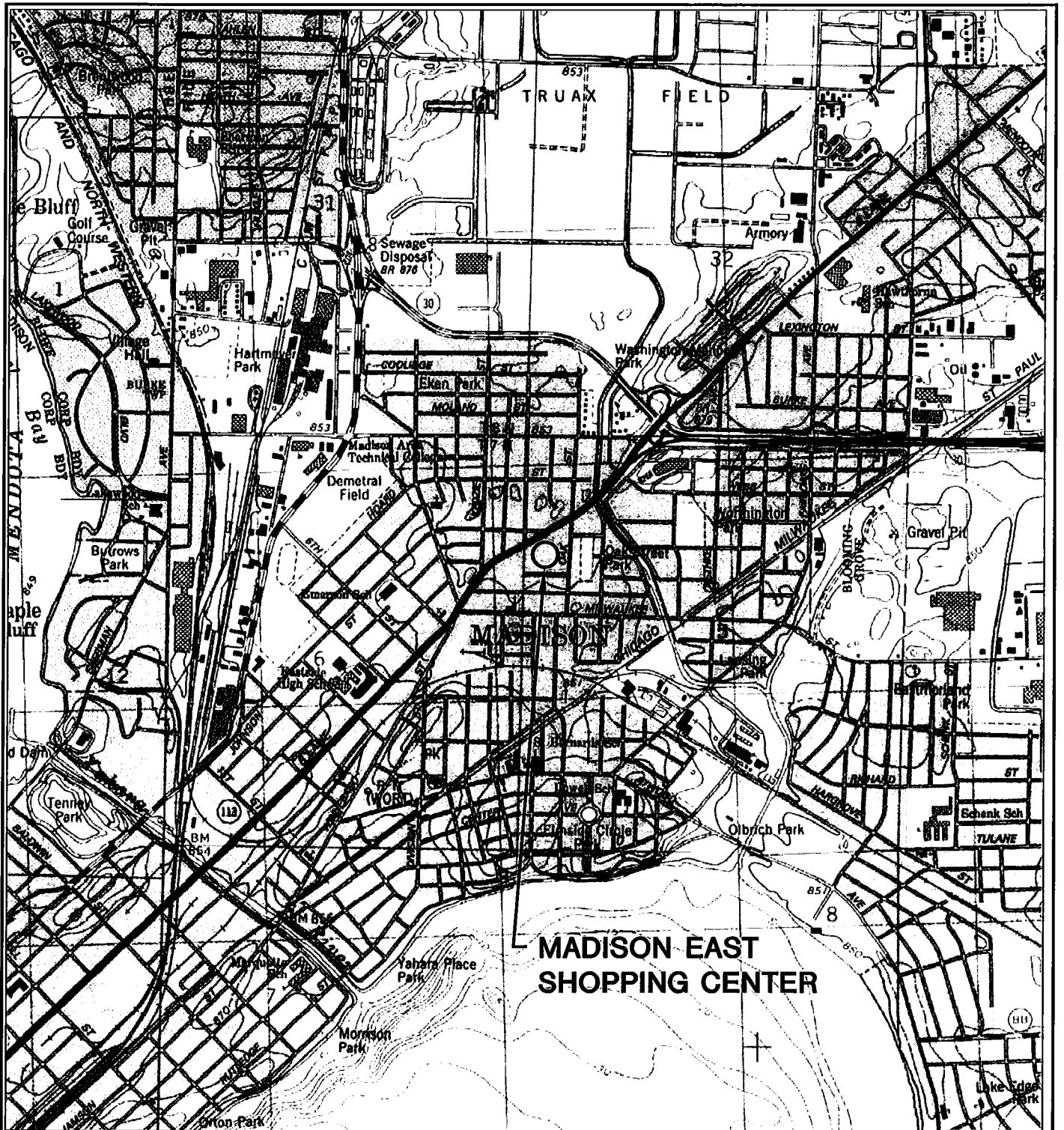
To Whom it May Concern:

To the best of my knowledge, I believe that with the submittal of the included property information, the legal descriptions for all of the properties within, or partially within the contaminated site's boundaries have been submitted with the case closure request.

Sincerely,



Mr. Greg Rice



MADISON EAST QUADRANGLE  
 WISCONSIN— DANE CO.  
 7.5 MINUTE SERIES (TOPOGRAPHIC)  
 SE/4 MADISON 15' QUADRANGLE

1983

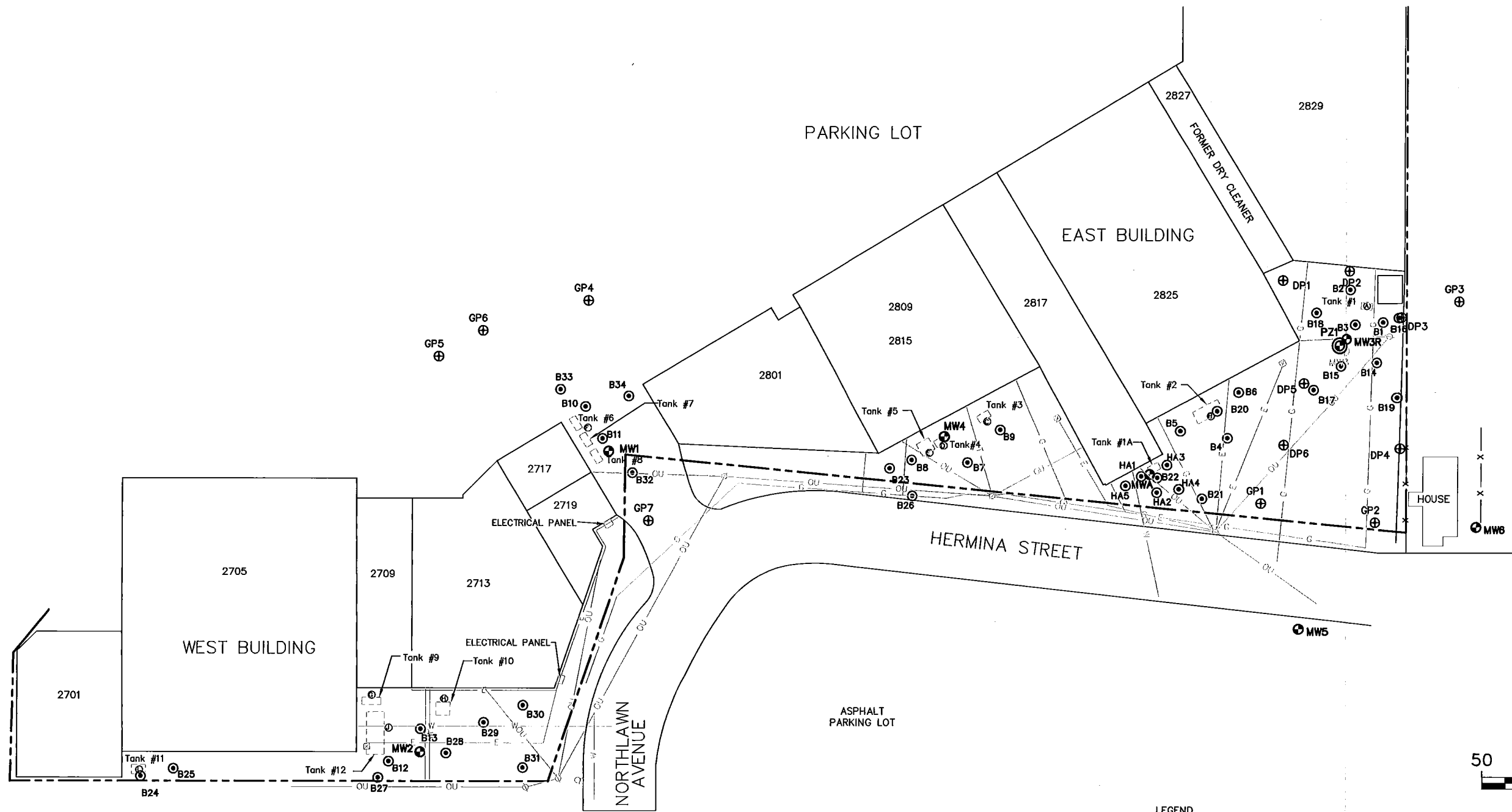
SCALE: 1" = 2,000'



QUADRANGLE LOCATION

CLIENT	EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708		SITE	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN		ENGINEER	BT SQUARED		FIGURE
	PROJECT NO.	1526		DRAWN BY:	KP		2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830		
	DRAWN:	05/22/03	CHECKED BY:	SMS					
	REVISED:	04/01/10	APPROVED BY:	SMS 06/06/11					





SCALE: 1" = 50'

LEGEND

———	PROPERTY LINE
-----	TENANT ADDRESS (E. WASHINGTON AVENUE)
OU	OVERHEAD UTILITY
E	BURIED ELECTRIC
G	GAS MAIN
ST	STORM SEWER
W	WATER
Q	HYDRANT
⊕	TRANSFORMER
⊕	UTILITY POLE
⊕	SOIL SAMPLE TAKEN DURING TANK EXCAVATION
⊕	SOIL BORING
⊕	GEOPROBE BORING
⊕	MONITORING WELL
⊕	PIEZOMETER
⊕	LOST MONITORING WELL

NOTES:

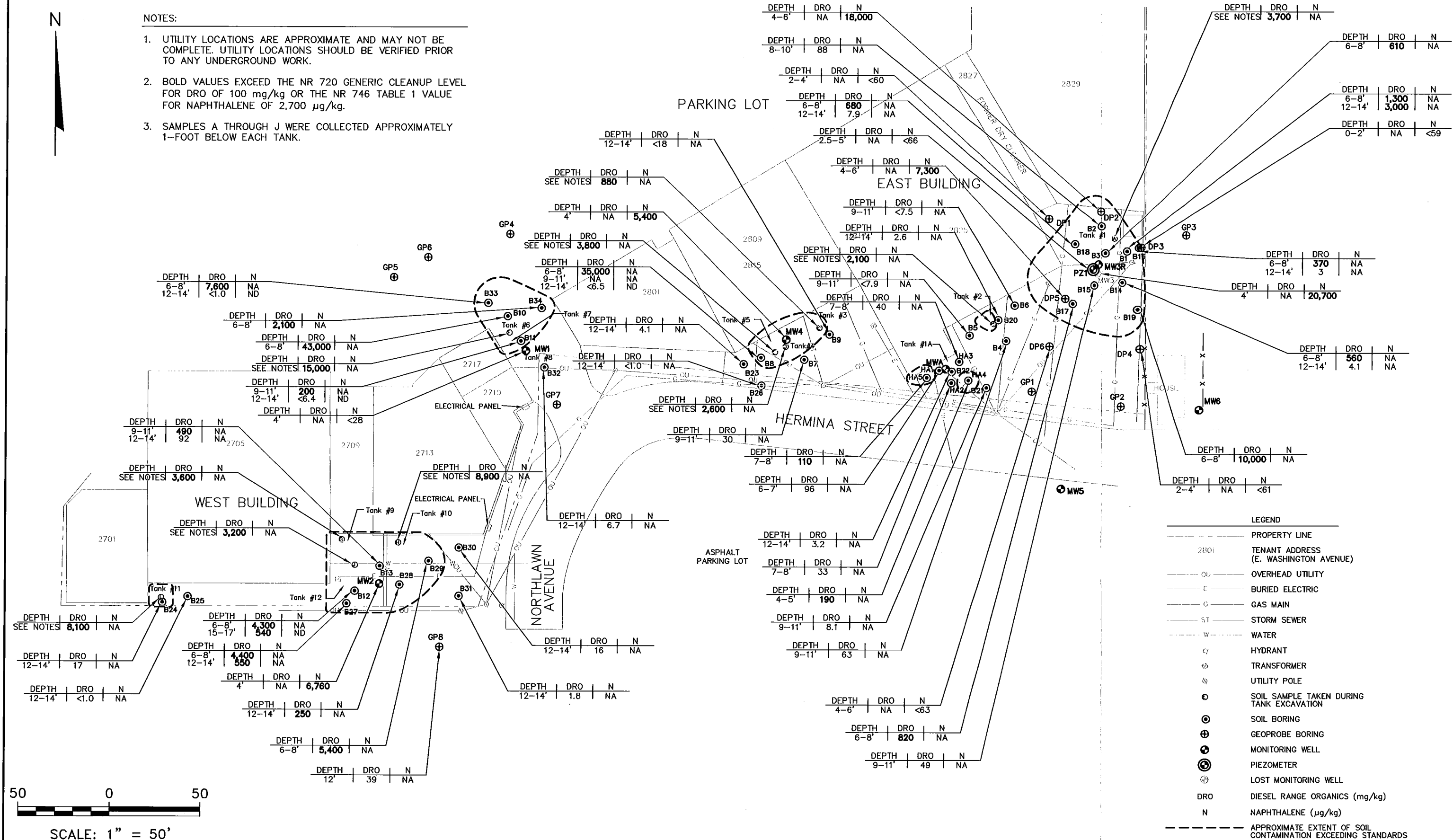
- UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE COMPLETE. UTILITY LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY UNDERGROUND WORK.

PROJECT NO. 1526	DRAWN BY: KJ/KP	ENGINEER	<b>BT SQUARED</b> 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708	SITE	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	SITE PLAN	FIGURE
DRAWN: 02/08/94	CHECKED BY: SMS								A-3
REVISED: 04/01/10	APPROVED BY: SMS 06/06/11								



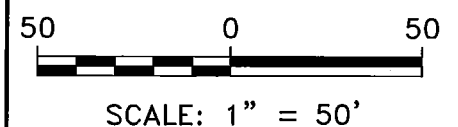
NOTES:

- UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE COMPLETE. UTILITY LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY UNDERGROUND WORK.
- BOLD VALUES EXCEED THE NR 720 GENERIC CLEANUP LEVEL FOR DRO OF 100 mg/kg OR THE NR 746 TABLE 1 VALUE FOR NAPHTHALENE OF 2,700 µg/kg.
- SAMPLES A THROUGH J WERE COLLECTED APPROXIMATELY 1-FOOT BELOW EACH TANK.



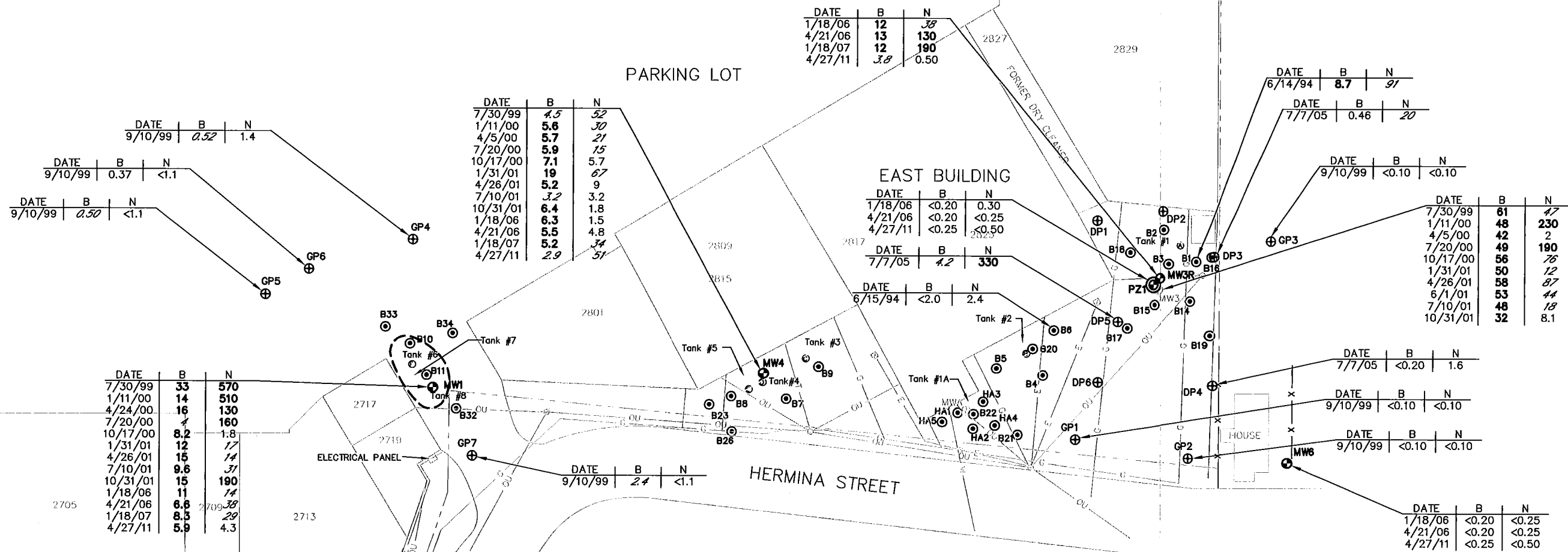
**LEGEND**

- PROPERTY LINE
- 2801 TENANT ADDRESS (E. WASHINGTON AVENUE)
- OU OVERHEAD UTILITY
- BURIED ELECTRIC
- GAS MAIN
- ST STORM SEWER
- W WATER
- Q HYDRANT
- ⊕ TRANSFORMER
- ⊕ UTILITY POLE
- ⊙ SOIL SAMPLE TAKEN DURING TANK EXCAVATION
- ⊙ SOIL BORING
- ⊕ GEOPROBE BORING
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- ⊕ LOST MONITORING WELL
- DRO DIESEL RANGE ORGANICS (mg/kg)
- N NAPHTHALENE (µg/kg)
- - - - - APPROXIMATE EXTENT OF SOIL CONTAMINATION EXCEEDING STANDARDS



PROJECT NO. 1526	DRAWN BY: SAS	ENGINEER	<b>BT SQUARED</b> 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708	SITE	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	SOIL RESULTS MAP	FIGURE
DRAWN: 03/31/11	CHECKED BY: SMS								C-2
REVISED: 05/31/11	APPROVED BY: SMS 06/06/11								

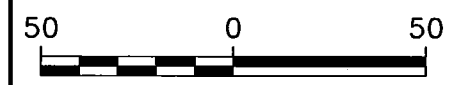
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**LEGEND**

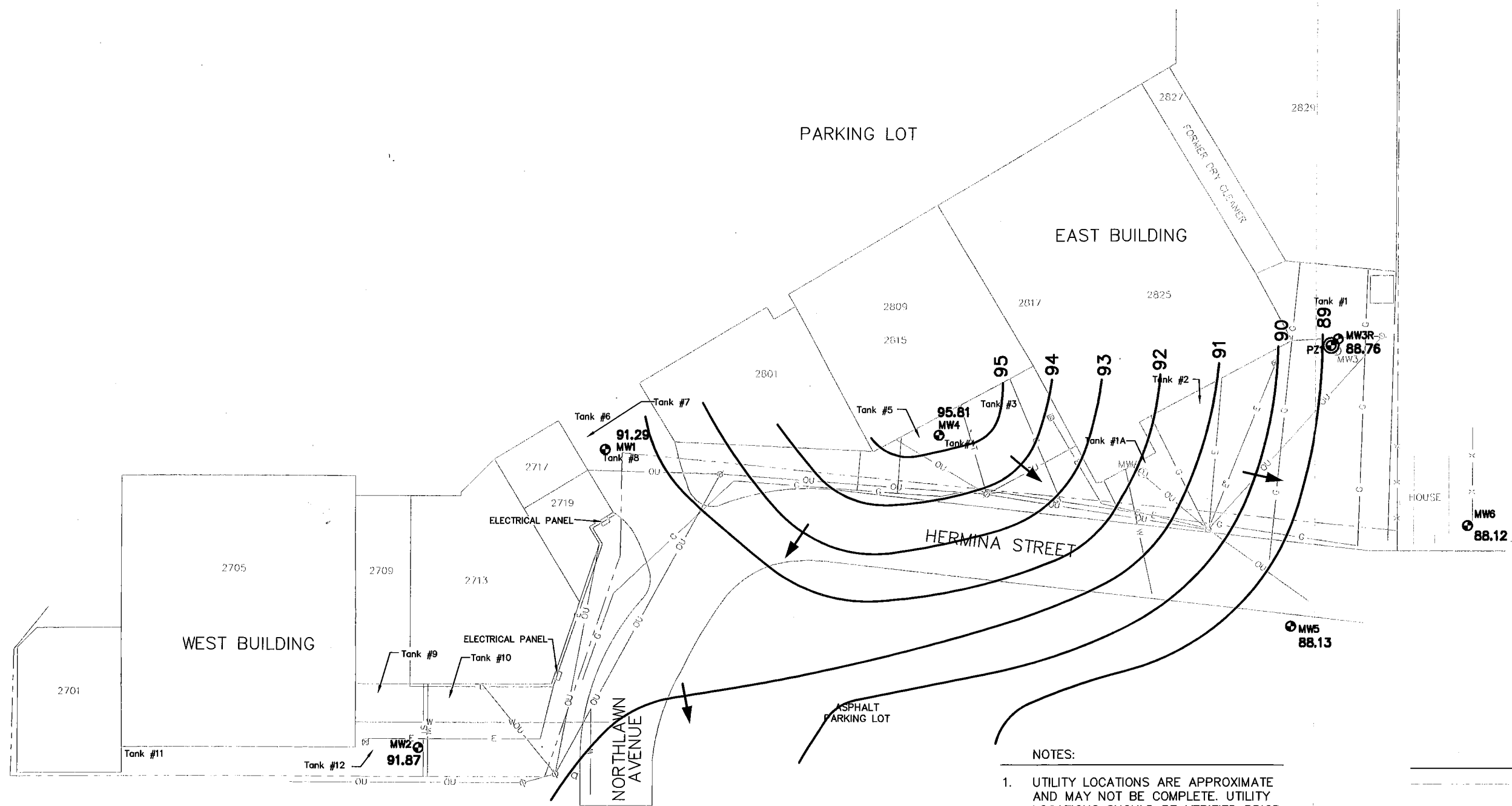
- PROPERTY LINE
- 2801 TENANT ADDRESS (E. WASHINGTON AVENUE)
- OU OVERHEAD UTILITY
- BURIED ELECTRIC
- GAS MAIN
- ST STORM SEWER
- W WATER
- ⊕ HYDRANT
- ⊕ TRANSFORMER
- ⊕ UTILITY POLE
- ⊕ SOIL SAMPLE TAKEN DURING TANK EXCAVATION
- ⊕ SOIL BORING
- ⊕ GEOPROBE BORING
- ⊕ MONITORING WELL
- ⊕ PIEZOMETER
- ⊕ LOST MONITORING WELL
- B BENZENE (μg/l)
- N NAPHTHALENE (μg/l)
- APPROXIMATE EXTENT OF PETROLEUM GROUNDWATER CONTAMINATION EXCEEDING NR 140 ENFORCEMENT STANDARDS

- NOTES:**
- UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE COMPLETE. UTILITY LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY UNDERGROUND WORK.
  - BOLD CONCENTRATIONS EXCEED NR 140 ENFORCEMENT STANDARDS.
  - ITALIC VALUES MEET OR EXCEED NR 140 PREVENTIVE ACTION LIMITS.



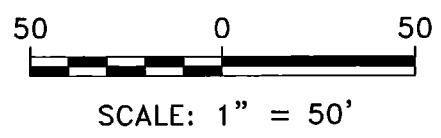
SCALE: 1" = 50'

PROJECT NO. 1526	DRAWN BY: SAS	ENGINEER	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708	SITE	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	GROUNDWATER RESULTS MAP	FIGURE
DRAWN: 04/06/11	CHECKED BY: SMS								E-3
REVISED: 05/31/11	APPROVED BY: SMS 06/06/11								

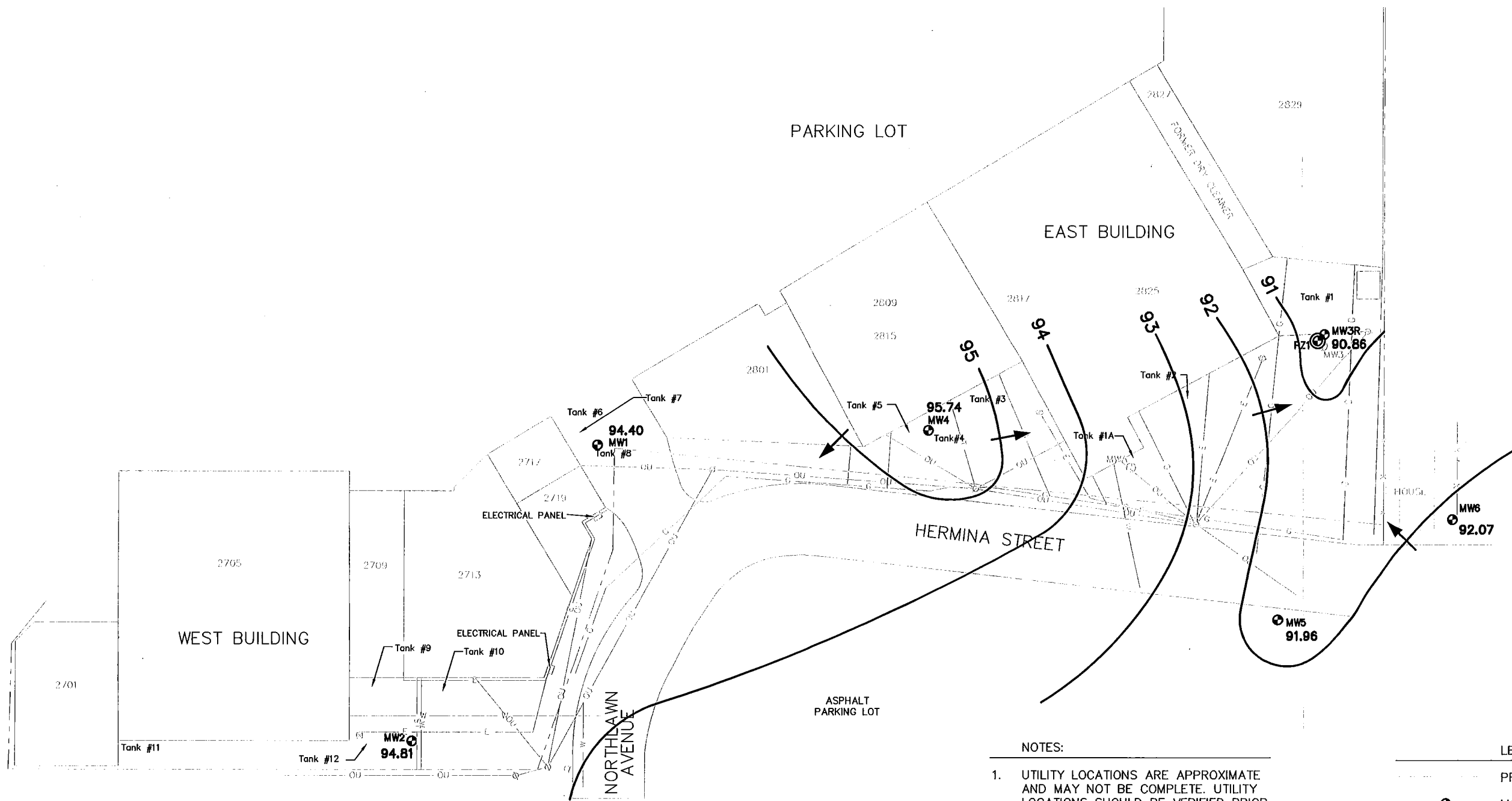


- NOTES:
1. UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE COMPLETE. UTILITY LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY UNDERGROUND WORK.
  2. BOLD CONCENTRATIONS EXCEED NR 140 ENFORCEMENT STANDARDS.

- LEGEND
- PROPERTY LINE
  - ⊙ MONITORING WELL
  - ⊕ PIEZOMETER
  - ⊕ LOST MONITORING WELL
  - 91.29** WATER TABLE ELEVATION
  - WATER TABLE CONTOUR
  - ➔ APPROXIMATE GROUNDWATER FLOW DIRECTION



PROJECT NO. 1526	DRAWN BY: KP	ENGINEER	 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708	SITE	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	WATER TABLE MAP FOR JANUARY 18, 2006	FIGURE
DRAWN: 05/31/11	CHECKED BY: SMS								E-4
REVISED: 05/31/11	APPROVED BY: SMS 06/06/11								

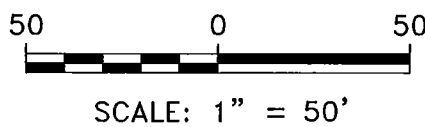


**NOTES:**

1. UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE COMPLETE. UTILITY LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY UNDERGROUND WORK.
2. BOLD CONCENTRATIONS EXCEED NR 140 ENFORCEMENT STANDARDS.

**LEGEND**

- PROPERTY LINE
- MONITORING WELL
- PIEZOMETER
- LOST MONITORING WELL
- 94.40** WATER TABLE ELEVATION
- WATER TABLE CONTOUR
- APPROXIMATE GROUNDWATER FLOW DIRECTION



PROJECT NO. 1526	DRAWN BY: KP	<b>BT SQUARED</b> 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708	SITE MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	WATER TABLE MAP FOR APRIL 27, 2011	FIGURE E-5
DRAWN: 05/31/11	CHECKED BY: SMS					
REVISED: 05/31/11	APPROVED BY: SMS 06/06/11					

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**Table C-1**  
**Soil Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526A**  
(Results are in µg/kg, except as noted)

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs / Compounds	PAHs Detected
A - Tank 1	10/7/1993	see notes	--	3,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B - Tank 2	10/7/1993	see notes	--	2,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
C - Tank 3	10/7/1993	see notes	--	880	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
D - Tank 4	10/7/1993	see notes	--	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
E - Tank 5	10/7/1993	see notes	--	3,800	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
F - Tanks 6, 7, 8	10/11/1993	see notes	--	15,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G - Tank 9	10/11/1993	see notes	--	3,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
H - Tank 10	10/11/1993	see notes	--	8,900	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
I - Tank 11	10/12/1993	see notes	--	8,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
J - Tank 12	10/13/1993	see notes	--	3,200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
HA1	8/27/1993	6-7	--	96	<14	<14	<14	<14	NA	NA	NA	NA	NA	NA	Acenaphthene 45.1 Benzo(a)anthracene 62.2 Benzo(k)fluoranthene 27.3 Chrysene 65.1 Fluoranthene 124 Fluorene 33 Naphthalene 96.9 Phenanthrene 157 1-Methylnaphthalene 897 2-Methylnaphthalene 871
HA2	8/27/1993	7-8	--	33	<18	42	<18	<18	NA	NA	NA	NA	NA	NA	NA
HA3	8/30/1993	7-8	--	40	<14	<14	<14	<14	NA	NA	NA	NA	NA	NA	NA
HA4	8/30/1993	4-5	--	190	<13	17	38	<13	NA	NA	NA	NA	NA	1,2,4-TMB 46 1,3,5-TMB 20	NA
HA5	8/30/1993	7-8	--	110	<23	<23	<23	<23	NA	NA	NA	NA	NA	NA	NA
B1	6/14/1994	6-8	--	1,300	<3,200	<3,200	3,000	<3,200	NA	NA	NA	NA	NA	Ethylbenzene 5,400 1,2,4-TMB 24,000 1,3,5-TMB 2,800	NA
B1*	6/14/1994	12-14	--	3,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B2*	6/14/1994	8-10	--	88	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3*	6/14/1994	6-8	--	610	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4*	6/14/1994	9-11	--	63	<38	<38	<38	<38	NA	NA	NA	NA	NA	Ethylbenzene 62 1,2,4-TMB 50 1,3,5-TMB 42	NA
B5*	6/14/1994	9-11	--	<7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B6*	6/14/1994	9-11	--	<7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B7	6/15/1994	9-11	--	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B8	6/15/1994	6-8	--	35,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B8*	6/15/1994	9-11	--	NA	<6	<6	<6	<6	NA	NA	NA	NA	NA	NA	NA
B8*	6/15/1994	12-14	--	<6.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B9*	6/15/1994	12-14	--	<18	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B10*	6/15/1994	6-8	--	43,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B11*	6/15/1994	9-11	--	200	<8,400	<8,400	7,900	<8,400	NA	NA	NA	NA	NA	1,2,4-TMB 13,000 1,3,5-TMB 4,100	NA
B11*	6/15/1994	12-14	--	<6.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA

**Table C-1**  
**Soil Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526A**  
(Results are in µg/kg, except as noted)

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs / Compounds	PAHs Detected
B12*	6/15/1994	6-8	--	4,300	<8,000	<8,000	<8,000	<8,000	NA	NA	NA	NA	NA	Ethylbenzene 7,600 1,2,4-TMB 6,500 1,3,5-TMB 10,000	NA
B12*	6/15/1994	15-17	--	540	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA
B13*	6/15/1994	9-11	--	490	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B13*	6/15/1994	12-14	--	92	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B14	9/26/1994	6-8	--	560	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B14*	9/26/1994	12-14	--	4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B15*	9/26/1994	9-11	--	49	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B16*	9/26/1994	6-8	--	370	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B16*	9/26/1994	12-14	--	3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B17	9/26/1994	6-8	--	820	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B18*	9/26/1994	6-8	--	680	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B18*	9/26/1994	12-14	--	7.9	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B19	9/26/1994	6-8	--	10,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B20*	9/26/1994	12-14	--	2.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B21*	9/26/1994	9-11	--	8.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B22*	9/26/1994	12-14	--	3.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B23*	9/26/1994	12-14	--	4.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B24*	9/27/1994	12-14	--	17	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B25*	9/27/1994	12-14	--	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B26*	9/27/1994	12-14	--	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B27	9/27/1994	6-8	--	4,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B27*	9/27/1994	12-14	--	550	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B28*	9/27/1994	12-14	--	250	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B29*	9/27/1994	6-8	--	5,400	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B30*	9/27/1994	12-14	--	16	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B31*	9/27/1994	12-14	--	1.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B32	9/27/1994	12-14	--	6.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B33	9/27/1994	6-8	--	7,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B33	9/27/1994	12-14	--	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B34	9/27/1994	6-8	--	2,100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW1 S2	7/29/1999	4	--	NA	<28	<28	<39	<28	<28	<28	<28	<28	<28	NA	Fluoranthene 13 Phenanthrene 26
MW2 S2	7/29/1999	4	(4)	NA	<68	<68	<96	<68	<68	<68	<68	<68	<68	n-Butylbenzene 2,070 sec-Butylbenzene 2,340 Isopropylbenzene 1,200 Naphthalene 6,760 n-Propylbenzene 1,930	Acenaphthene 386 Anthracene 152 Benzo(a)anthracene 276 Fluoranthene 2,210 Fluorene 1,230 1-Methylnaphthalene 6,210 2-Methylnaphthalene 12,100 Naphthalene 2,210 Phenanthrene 2,210 Pyrene 1,380

**Table C-1**  
**Soil Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526A**  
(Results are in µg/kg, except as noted)

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs / Compounds	PAHs Detected
MW3 S2	7/29/1999	4	--	NA	<180	<180	3,110	<180	<180	<180	<180	<180	<180	1,2,4-TMB 17,800 1,3,5-TMB 1,630 sec-Butylbenzene 2,510 Isopropylbenzene 1,630 p-Isopropyltoluene 843 Naphthalene 20,700 n-Propylbenzene 3,400 Ethylbenzene 2,810	Benzo(a)anthracene 37 Benzo(b)fluoranthene 28 Benzo(k)fluoranthene 28 Benzo(a)pyrene 46 Benzo(ghi)perylene 59 Chrysene 30 Fluoranthene 89 Indeno(1,2,3-cd)pyrene 31 1-Methylnaphthalene 266 2-Methylnaphthalene 518 Naphthalene 1,780 Phenanthrene 31 Pyrene 56
MW4 S2	7/29/1999	4	(4)	NA	<58	<58	287	<58	<58	<58	<58	<58	<58	1,2,4-TMB 7,930 1,3,5-TMB 77 sec-Butylbenzene 575 Isopropylbenzene 184 p-Isopropyltoluene 126 Naphthalene 5,400 n-Propylbenzene 391	Acenaphthene 172 Anthracene 172 Benzo(a)anthracene 391 Benzo(b)fluoranthene 63 Benzo(k)fluoranthene 77 Benzo(a)pyrene 126 Benzo(ghi)perylene 126 Chrysene 60 Fluoranthene 920 Fluorene 575 Indeno(1,2,3-cd)pyrene 77 1-Methylnaphthalene 3,450 2-Methylnaphthalene 6,320 Naphthalene 1,380 Phenanthrene 989 Pyrene 414
GP8-S6*	9/10/1999	12	(5)	39	<31	<31	<94	<31	NA	NA	NA	NA	NA	NA	NA
DP1 S2	7/7/2005	2-4	(3)	NA	<30	<30	<100	<30	950	<30	1,600	12,000	320	ND	NA
DP2 S3	7/7/2005	4-6	(1), (3)	NA	<420	<420	<1,400	<420	<420	<420	<590	<420	<420	n-Butylbenzene 4,700 sec-Butylbenzene 2,600 Isopropylbenzene 1,400 p-Isopropyltoluene 1,800 Naphthalene 18,000 n-Propylbenzene 3,000 1,2,4-Trimethylbenzene 13,000	NA
DP3 S1	7/7/2005	0-2	(3)	NA	<30	<30	<100	<30	<30	<30	<42	<30	<30	ND	NA
DP4 S2	7/7/2005	2-4	(3)	NA	<30	<30	<100	<30	<30	<30	<43	<30	<30	ND	NA
DP5 S3	7/7/2005	4-6	(2)	NA	<160	<160	740	<160	230	<160	<230	<160	<160	sec-Butylbenzene 730 Ethylbenzene 550 Isopropylbenzene 460 p-Isopropyltoluene 560 Naphthalene 7,300 n-Propylbenzene 940 1,2,4-Trimethylbenzene 5,900 1,3,5-Trimethylbenzene 170	NA



**Table C-1**  
**Soil Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526A**  
(Results are in µg/kg, except as noted)

Sample	Date	Depth (feet)	Lab Notes	DRO (mg/kg)	Benzene	Toluene	Xylenes	MTBE	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs / Compounds	PAHs Detected	
DP6 S3	7/7/2005	4-6	(3)	NA	<31	<31	<110	<31	<31	<31	<44	<31	<31	n-Butylbenzene 120 sec-Butylbenzene 43 p-Isopropyltoluene 32 1,2,4-Trimethylbenzene 430	NA	
PZ1 S2	12/22/2005	2.5-5	(6)	NA	<33	<33	<110	<33	<33	<33	<46	<33	<33	ND	NA	
Methanol Blank	7/29/1999	--	--	NA	<25	<25	<35	<25	<25	<25	<25	<25	<25	ND	NA	
	9/10/1999	--	--	NA	<25	<25	<75	<25	NA	NA	NA	NA	NA	NA	NA	
	7/7/2005	--	(3)	NA	<25	<25	<85	<25	<25	<25	<35	<25	<25	ND	NA	
NR 720 Residual Contaminant Level (RCL)				100	5.5	1,500	4,100	NE	NE	NE	NE	NE	NE	NE	NE	
NR 746 Table 1				NE	8,500	38,000	42,000	NE	NE	NE	NE	NE	NE	NE	Ethylbenzene 2,900 Ethylbenzene 4,600 Naphthalene 2,700 1,2,4-Trimethylbenzene 83,000 1,3,5-Trimethylbenzene 11,000	
NR 746 Table 2				NE	1,100	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	
Non-Industrial Direct Contact SSRCL for PAHs				NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	Benzo(a)pyrene 88
Groundwater Pathway Generic RCL for PAHs				NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	NE	Naphthalene 400 Phenanthrene 1,800	

**ABBREVIATIONS:**

µg/kg = micrograms per kilogram or parts per billion (ppb)  
VC = Vinyl Chloride  
ND = Not Detected  
NE = No Establish Standard

mg/kg = milligrams per kilogram  
DCE = Dichloroethene  
PAHs = Polynuclear Aromatic Hydrocarbons  
NA = Not Analyzed

PCE = Tetrachloroethene  
TMB = Trimethylbenzene  
RCL = Residual Contaminant Level  
DRO = Diesel Range Organics

TCE = Trichloroethene  
VOCs = Volatile Organic Compounds  
SSRCL = Site Specific Residual Contaminant Level  
MTBE = Methyl-tert-butyl ether

**NOTES:**

**Bold values** exceed NR 720 Residual Contaminant Levels, NR 746 Table 1 values, or direct contact SSRCLs for PAHs.

*Italicized values* exceed groundwater pathway generic RCLs for PAHs.

NR 720 RCL - Wisconsin Administrative Code (WAC), Chapter NR 720 Residual Contaminant Level.

NR 746 Table 1 - WAC, Chapter NR 746.06(2)(b) Table 1 - Indicators of Residual Petroleum Product in Soil Pores.

NR 746 Table 2 - WAC, Chapter NR 746.06(2)(b) Table 2 - Protection of Human Health from Direct Contact with Contaminated Soil.

Samples A through J were collected approximately 1 foot below the bottom of each tank.

SSRCLs for carcinogenic PAHs are calculated using an individual cancer risk of  $1 \times 10^{-6}$  with cumulative cancer risk not to exceed  $1 \times 10^{-5}$  per NR 720.

**LABORATORY NOTES:**

\* = Soil sample collected below the water table.

(1) VOCs analysis - Reporting limit raised due to sample matrix effects.

(2) Bromomethane and chloroethane analysis - Calibration Verification recovery was outside the method control limits for this analyte. The LCS for this analyte met CCV acceptance criteria, and was used to validate the batch. Bromomethane analysis - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was below acceptance limits.

(3) Bromomethane and dichlorodifluoromethane analyses - Laboratory Control Sample and/or Laboratory Control Sample Duplicate recovery was above accepted limits.

(4) PNAs - Matrix interference.

(5) PVOCs - Improperly handled sample. TPH-DRO-Nonaqueous - Late eluting hydrocarbons present.

(6) 2-Chlorotoluene analysis - Calibration Verification recovery was outside the method control limits for this analyte. The LCS for this analyte met CCV acceptance criteria, and was used to validate the batch.

Created by: LMH 7/22/05

Checked by: SMS 3/29/11

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**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
B1	6/14/1994	--	8.7	<5.0	88	<5.0	97	<5.0	<5.0	<25	<5.0	<5.0	n-Butylbenzene 25 sec-Butylbenzene 9.1 tert-Butylbenzene 33 Ethylbenzene 15 Isopropylbenzene 13 p-Isopropyltoluene 7.8 n-Propylbenzene 21 TMBs 145
B6	6/15/1994	--	<2.0	<2.0	5.4	<2.0	2.4	<1.0	<1.0	<5.0	<1.0	<1.0	n-Butylbenzene 8.2 sec-Butylbenzene 3.7 tert-Butylbenzene 5.9 Ethylbenzene 2.6 Isopropylbenzene 3.7 p-Isopropyltoluene 2.9 n-Propylbenzene 4.0 TMBs 18.4
B12	6/15/1994	--	<500	<500	<1,000	<500	5,300	<100	<100	<500	<100	<100	n-Butylbenzene 3,300 sec-Butylbenzene 1,700 tert-Butylbenzene 1,500 Isopropylbenzene 1,200 p-Isopropyltoluene 980 n-Propylbenzene 1,800 TMBs 1,200
DP3	7/7/2005	--	0.46 J	0.52 J	2.3 J	<1.0	20	<1.0	<0.40	<0.40	<1.0	<1.0	sec-Butylbenzene 6.4 Isopropylbenzene 10 p-Isopropyltoluene 4.9 n-Propylbenzene 16 TMBs 64
DP4	7/7/2005	--	<0.20	0.36 J	<0.50	<0.50	1.6	<0.50	<0.20	<0.20	<0.50	<0.50	n-Butylbenzene 0.26 J sec-Butylbenzene 0.57 J TMBs 0.94
DP5	7/7/2005	--	4.2 J	<1.6	56	<4.0	330	<4.0	<1.6	71	5.7 J	<4.0	sec-Butylbenzene 8.2 Ethylbenzene 74 Isopropylbenzene 22 p-Isopropyltoluene 8.2 n-Propylbenzene 31 TMBs 233.8 J
MW1	7/30/1999	--	33	10	11	<2.5	570	<2.5	<2.5	<2.5	<2.5	<2.5	Ethylbenzene 5.9 sec-Butylbenzene 5.2 Isopropylbenzene 4.0 n-Propylbenzene 8.4 TMBs 7.5

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs	
MW1 (Cont.)	07/30/99 (Dup)	--	32	9.8	12	<2.5	560	<2.5	<2.5	<2.5	<2.5	<2.5	Ethylbenzene 5.2 sec-Butylbenzene 5.7 Isopropylbenzene 4.8 n-Propylbenzene 9.6 TMBs 8.2	
	1/11/2000	--	14	<2.0	2.3	<1.6	510	NA	NA	NA	NA	NA	TMBs 9.6	
	4/24/2000	(1)	16	1.7	5.8	<0.80	130	NA	NA	NA	NA	NA	Ethylbenzene 2.1 TMBs 12.39	
	7/20/2000	--	4	<0.50	1.9	<1.2	160	NA	NA	NA	NA	NA	TMBs 13.65	
	10/17/2000	(2)	8.2	0.46	3.9	<0.40	1.8	NA	NA	NA	NA	NA	Ethylbenzene 1.0 TMBs 8.7	
	1/31/2001	(3)	12	<0.40	0.57	<0.40	17	NA	NA	NA	NA	NA	TMBs 3.7	
	4/26/2001	(3)	15	<0.40	0.6	<0.40	14	NA	NA	NA	NA	NA	TMBs 5.9	
	04/26/01 D	(3)	12	<0.40	0.54	<0.40	15	NA	NA	NA	NA	NA	TMBs 4.2	
	7/10/2001	(4)	9.6	<2.0	<4.6	<1.6	31	NA	NA	NA	NA	NA	TMBs 7.6	
	10/31/2001	(5)	15	3.1	9.3	<1.6	190	NA	NA	NA	NA	NA	Ethylbenzene 4.6 TMBs 4.8	
	10/31/01 (Dup)	(5)	14	2.7	8	<1.6	NA	NA	NA	NA	NA	NA	Ethylbenzene 3.9 TMBs 3.6	
	1/18/2006	--	11	0.23 J	0.56 J	<0.50	14	<0.50	<0.20	0.95	<0.50	<0.50	n-Butylbenzene 1.3 sec-Butylbenzene 3.4 tert-Butylbenzene 0.36 J Isopropylbenzene 2.2 n-Propylbenzene 1.7	
	4/21/2006	--	6.6	<1.0	<2.5	<2.5	38	<2.5	<1.0	4.0	<2.5	<2.5	n-Butylbenzene 5.3 sec-Butylbenzene 6.0 Isopropylbenzene 5.8 p-Isopropyltoluene 1.1 Ja n-Propylbenzene 8.0 Ja TMBs 2.0 Ja	
	1/18/2007	--	8.3	0.29 J	1.0 J	<0.50	29	<0.50	<0.20	1.6	1.9	<0.50	n-Butylbenzene 5.6 sec-Butylbenzene 6.3 tert-Butylbenzene 0.42 J Isopropylbenzene 7.8 Methylene chloride 2.2 J n-Propylbenzene 9.7 TMBs 0.57 J	
	4/27/2011	--	5.9	0.26 J <sup>1</sup>	1.0 J <sup>1</sup>	<0.23	4.3	NA	NA	NA	NA	NA	NA	Ethylbenzene 0.26 J TMBs 0.88 J <sup>1</sup>

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs	
MW2	8/6/1999	--	27	<1.0	56	<2.5	370	<2.5	<2.5	<2.5	<2.5	<2.5	Ethylbenzene 21 sec-Butylbenzene 20 Isopropylbenzene 29 n-Propylbenzene 43 TMBs 124	
	1/11/2000	(1)	41	<20	91	<16	1,600	NA	NA	NA	NA	NA	Ethylbenzene 35 TMBs 510	
	4/5/2000	(6)	46	6.3	<88	<1.6	470	NA	NA	NA	NA	NA	Ethylbenzene 51 TMBs 198	
	04/05/00 (Dup)	(6)	42	<2.0	<150	<1.6	660	NA	NA	NA	NA	NA	Ethylbenzene 100 TMBs 350	
	7/20/2000	--	26	<1.0	46	<2.5	860	NA	NA	NA	NA	NA	Ethylbenzene 20 TMBs 280	
	07/20/00 (Dup)	--	21	<1.0	35	<2.5	720	NA	NA	NA	NA	NA	Ethylbenzene 16 TMBs 244	
	10/17/2000	(7)	35	<4.0	29.7	<4.0	270	NA	NA	NA	NA	NA	Ethylbenzene 19 TMBs 118	
	10/17/00 (Dup)	(8)	39	<4.0	80	<4.0	230	NA	NA	NA	NA	NA	Ethylbenzene 30 TMBs 97	
	1/31/2001	(9)	43	<0.40	28.6	0.64	350	NA	NA	NA	NA	NA	Ethylbenzene 17 TMBs 67	
	01/31/01 (Dup)	(10)	46	<0.40	29.7	0.69	320	NA	NA	NA	NA	NA	Ethylbenzene 18 TMBs 67	
	4/26/2001	(11)	34	<8.0	100	<8.0	500	NA	NA	NA	NA	NA	Ethylbenzene 60 TMBs 890	
	7/10/2001	(1)	32	<4.0	41	<3.2	710	NA	NA	NA	NA	NA	Ethylbenzene 26 TMBs 216	
	07/10/01 (Dup)	(1)	31	<4.0	39	<3.2	670	NA	NA	NA	NA	NA	Ethylbenzene 26 TMBs 205	
	10/31/2001	(5)	34	<4.0	19	<3.2	270	NA	NA	NA	NA	NA	Ethylbenzene 15 TMBs 76	
	1/18/2006	--	19	<3.2	<8.0	<8.0	240	<8.0	<3.2	<3.2	<8.0	<8.0	n-Butylbenzene 6.9 J sec-Butylbenzene 11 J Isopropylbenzene 20 p-Isopropyltoluene 6.4 J n-Propylbenzene 25 J TMBs 18	
	4/27/2011	--	9.6	0.40 J <sup>1</sup>	3.8 J <sup>1</sup>	1.8 J <sup>1</sup>	220	NA	NA	NA	NA	NA	NA	Ethylbenzene 4.4 TMBs 3.8

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW3	7/30/1999	--	61	11	26	<0.25	47	<0.25	0.9	60	43	2.9	sec-Butylbenzene 5.1 Ethylbenzene 25 Isopropylbenzene 14 p-Isopropyltoluene 1.5 n-Propylbenzene 18 TMBs 19.2
	1/11/2000	(12)	48	5.3	34	<0.50	230	<0.50	<0.50	0.82	0.84	<0.50	sec-Butylbenzene 5.7 1,2-Dichloropropane 1.2 Ethylbenzene 80 Isopropylbenzene 16 p-Isopropyltoluene 1.8 Methylene chloride 0.78 n-Propylbenzene 16 TMBs 55
	01/11/00 (Dup)	(12)	46	5.1	32	<0.50	230	<0.50	<0.50	0.76	0.94	<0.50	sec-Butylbenzene 5.7 1,2-Dichloropropane 1.2 Ethylbenzene 80 Isopropylbenzene 15 p-Isopropyltoluene 2.4 Methylene chloride 0.8 n-Propylbenzene 16 TMBs 54.9
	4/5/2000	--	42	3.4	22	<0.50	2	<0.50	<0.50	<0.50	<0.50	6	sec-Butylbenzene 3.3 Ethylbenzene 89 Isopropylbenzene 14 p-Isopropyltoluene 1.6 n-Propylbenzene 12 TMBs 8
	7/20/2000	(12)	49	2.8	25	<1.2	190	<1.2	<1.2	7.4	6.8	8.7	sec-Butylbenzene 1.7 Ethylbenzene 53 Isopropylbenzene 5.4 Methylene chloride 4.8 n-Propylbenzene 3 TMBs 29.65
	10/17/2000	(13)	56	1.7	27.8	<5.5	76	<2.0	<1.5	<2.0	<2.0	<4.0	n-Butylbenzene 9.4 sec-Butylbenzene 5.6 Ethylbenzene 92 Isopropylbenzene 17 n-Propylbenzene 19 TMBs 52

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW3 (cont.)	1/31/2001	(14)	50	2.3	13.2	<1.5	12	<0.50	<1.0	<0.50	<1.0	7.3	1,1-Dichloroethane 0.53 n-Butylbenzene 3.7 sec-Butylbenzene 3.6 Ethylbenzene 54 Isopropylbenzene 8.2 n-Propylbenzene 8.5 TMBs 25
	4/26/2001	(15)	58	<2.0	43	<22	87	<8.0	<6.0	640	640	<16	n-Butylbenzene 13 Ethylbenzene 120 Isopropylbenzene 17 n-Propylbenzene 17 TMBs 110
	6/1/2001	(16)	53	2.3	45	<22	44	<8.0	<6.0	620	550	<16	n-Butylbenzene 15 tert-Butylbenzene 78 Ethylbenzene 70 Isopropylbenzene 11 n-Propylbenzene 9.4
	7/10/2001	(17)	48	3.6	42	<1.2	18	<1.2	<1.2	380	200	18	sec-Butylbenzene 5.4 Ethylbenzene 91 Isopropylbenzene 14 Methylene chloride 5.4 n-Propylbenzene 16 TMBs 75.9
	10/31/2001	(12)	32	2.6	10	<0.25	8.1	<0.25	<0.25	20	6.8	6.2	sec-Butylbenzene 2.2 1,1-Dichloroethane 0.31 Ethylbenzene 35 Isopropylbenzene 5.9 p-Isopropyltoluene 0.27 Methylene chloride 1 n-Propylbenzene 6 TMBs 14.3
	MW3R	1/18/2006	--	12	4.2	50	<0.50	38	<0.50	<0.20	0.91	1.2 J	3.7

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW3R (cont.)	4/21/2006	--	13	0.63 Ja	11	<0.50	130	<0.50	<0.20	31	39	2.0	n-Butylbenzene 3.2 sec-Butylbenzene 3.4 Ethylbenzene 70 Isopropylbenzene 14 p-Isopropyltoluene 3.8 n-Propylbenzene 17 TMBs 14.9
	1/18/2007	--	12	<0.80	7.2	<2.0	190	<2.0	<0.80	12	6.7 J	<2.0	n-Butylbenzene 3.8 sec-Butylbenzene 4.8 Ethylbenzene 42 Isopropylbenzene 13 n-Propylbenzene 15 TMBs 41
	1/18/2007 Duplicate	--	12	<0.80	6.2 J	<2.0	190	<2.0	<0.80	12	6.6 J	<2.0	n-Butylbenzene 3.3 sec-Butylbenzene 4.6 Ethylbenzene 40 Isopropylbenzene 13 p-Isopropyltoluene <0.80 n-Propylbenzene 14 TMBs 40
	4/27/2011	--	3.8	1.4 J <sup>1</sup>	2.4 J <sup>1</sup>	<0.23	0.50 J <sup>1</sup>	NA	NA	NA	NA	NA	Ethylbenzene 2.9
	7/30/1999	--	4.5	0.12	12	<0.25	52	<0.25	<0.25	2.3	4.0	<0.25	Ethylbenzene 1.1 sec-Butylbenzene 54 Isopropylbenzene 2.6 p-Isopropyltoluene 1.6 n-Propylbenzene 3.4 TMBs 62
MW4	1/11/2000	--	5.6	<0.20	4.4	<0.50	30	<0.50	<0.50	<0.50	<0.50	<0.50	sec-Butylbenzene 2.4 Isopropylbenzene 4.3 p-Isopropyltoluene 0.74 n-Propylbenzene 5.1 TMBs 16.36
	4/5/2000	--	5.7	<0.10	4.1	<0.25	21	<0.25	<0.25	<0.25	<0.25	<0.25	Ethylbenzene 1.0 sec-Butylbenzene 2.6 Isopropylbenzene 4.7 n-Propylbenzene 6 TMBs 31.19
	7/20/2000	--	5.9	<0.10	3.2	<0.25	15	<0.25	<0.25	<0.25	<0.25	<0.25	sec-Butylbenzene 5.9 Isopropylbenzene 7.6 p-Isopropyltoluene 0.70 n-Propylbenzene 11 TMBs 9.4

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW4 (cont.)	10/17/2000	(18)	7.1	<0.10	0.28	<1.1	5.7	<0.40	<0.30	<0.40	<0.40	<0.80	n-Butylbenzene 4.7 sec-Butylbenzene 4.5 tert-Butylbenzene 0.46 Isopropylbenzene 7.6 n-Propylbenzene 10 TMBs 0.48
	1/31/2001	(19)	19	0.59	19.38	<1.1	67	<0.40	<0.30	<0.40	<0.40	<0.80	Ethylbenzene 1.9 n-Butylbenzene 9.7 sec-Butylbenzene 9.3 Isopropylbenzene 11 p-Isopropyltoluene 7.6 n-Propylbenzene 17 TMBs 110
	4/26/2001	(3)	5.2	0.60	6.39	<1.1	9	<0.40	<0.30	<0.40	<0.40	<0.80	Ethylbenzene 0.90 n-Butylbenzene 9.3 sec-Butylbenzene 7.7 Isopropylbenzene 11 p-Isopropyltoluene 3.0 n-Propylbenzene 15 TMBs 19.7
	7/10/2001	(17)	3.2	<0.20	0.68	<0.50	3.2	<0.50	<0.50	<0.50	<0.50	<0.50	sec-Butylbenzene 3.9 Isopropylbenzene 5.8 Methylene chloride 1.4 n-Propylbenzene 5.2 TMBs 2.34
	10/31/2001	--	6.4	<0.10	0.47	<0.25	1.8	<0.25	<0.25	<0.25	<0.25	<0.25	sec-Butylbenzene 6.6 Isopropylbenzene 10 n-Propylbenzene 11 TMBs 0.45
	1/18/2006	--	6.3	<0.20	0.87 J	<0.50	1.5	<0.50	<0.20	<0.20	<0.50	<0.50	n-Butylbenzene 2.4 sec-Butylbenzene 6.4 tert-Butylbenzene 0.74 Isopropylbenzene 11 p-Isopropyltoluene 0.26 J n-Propylbenzene 9.3 TMBs 0.59 J
	4/21/2006	--	5.5	<0.20	2.0	<0.50	4.8	<0.50	<0.20	<0.20	<0.50	<0.50	n-Butylbenzene 2.2 sec-Butylbenzene 7.1 tert-Butylbenzene 0.95 Isopropylbenzene 12 n-Propylbenzene 7.2 TMBs 2.6



**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
MW4 (cont.)	1/18/2007	--	5.2	<0.20	5.2	<0.50	34	<0.50	<0.20	<0.20	<0.50	<0.50	n-Butylbenzene 5.1 sec-Butylbenzene 9.4 tert-Butylbenzene 1.3 Isopropylbenzene 16 p-Isopropyltoluene 0.25 J n-Propylbenzene 18 TMBs 3.2
	4/27/2011	--	2.9	0.33 j <sup>1</sup>	1.2 j <sup>1</sup>	<0.23	51	NA	NA	NA	NA	NA	Ethylbenzene 0.33 J <sup>1</sup> TMBs 0.93 J <sup>1</sup>
MW5	1/18/2006	--	<0.20 B	<0.20	<0.50	<0.50	<0.25	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/21/2006	(21)	<0.20	<0.20	<0.50	<0.50	<0.25	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/27/2011	--	<0.25	<0.25	<0.39	0.66 j <sup>1</sup>	<0.50	NA	NA	NA	NA	NA	ND
MW6	1/18/2006	--	<0.20	<0.20	<0.50	<0.50	<0.25	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/21/2006	(22)(23)	<0.20	<0.20	<0.50	<0.50	<0.25	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/27/2011	--	<0.25	<0.25	<0.39	<0.23	<0.50	NA	NA	NA	NA	NA	ND
GP1	9/10/1999	--	<0.10	0.91	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	ND
GP2	9/10/1999	--	<0.10	1.4	0.7	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	ND
GP3	9/10/1999	--	<0.10	1.1	<0.25	<0.25	<0.10	0.35	<0.25	<0.25	<0.25	<0.25	ND
GP4	9/10/1999	--	0.52	1.5	0.76	<0.16	1.4	NA	NA	NA	NA	NA	TMBs 0.30
GP5	9/10/1999	--	0.50	0.71	0.48	<0.16	<1.1	NA	NA	NA	NA	NA	Ethylbenzene 0.23
	09/10/99 (Dup)	--	0.55	0.76	0.54	<0.16	<1.1	NA	NA	NA	NA	NA	Ethylbenzene 0.22
GP6	9/10/1999	--	0.37	1.1	0.62	<0.16	<1.1	NA	NA	NA	NA	NA	TMBs 0.28
GP7	9/10/1999	--	2.4	1.3	0.68	<0.16	<1.1	NA	NA	NA	NA	NA	TMBs 0.30
PZ1	1/18/2006	--	<0.20	<0.20	<0.50	<0.50	0.30 J	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/21/2006	--	<0.20	<0.20	<0.50	<0.50	<0.25	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/27/2011	--	<0.25	<0.25	<0.39	<0.23	<0.50	NA	NA	NA	NA	NA	ND
Field Blank	1/11/2000	(20)	<0.10	0.17	<0.25	<0.25	0.12	<0.25	<0.25	<0.25	<0.25	<0.25	ND
	4/5/2000	--	0.3	<0.20	0.27	<0.16	<1.1	NA	NA	NA	NA	NA	ND
	7/20/2000	--	<0.10	0.11	<0.25	<0.25	<0.25	NA	NA	NA	NA	NA	ND
	10/31/2001	--	<0.13	0.44	0.27	<0.16	<0.46	NA	NA	NA	NA	NA	ND
Trip Blank	7/30/1999	(12)	<0.10	<0.10	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	Methylene chloride 1.9
	9/10/1999	--	<0.10	<0.10	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	Methylene chloride 11
	1/11/2000	(12)	<0.10	<0.10	<0.25	<0.25	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	Methylene chloride 0.51
	4/5/2000	(12)	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	Methylene chloride 1.4
	4/24/2000	--	<0.13	<0.20	<0.23	<0.16	<1.1	NA	NA	NA	NA	NA	ND
	7/20/2000	(12)	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	Methylene chloride 0.5

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**  
(Results are in µg/l)

Sample	Date	Lab Notes	Benzene	Toluene	Xylenes	MTBE	Naphthalene	PCE	TCE	VC	cis-1,2-DCE	trans-1,2-DCE	Other VOCs
Trip Blank (cont.)	10/17/2000	--	<0.10	<0.10	<0.30	<1.1	<0.70	<0.40	<0.30	<0.40	<0.40	<0.80	ND
	1/31/2001	--	<0.10	<0.10	<0.30	<1.1	<0.70	<0.40	<0.30	<0.40	<0.40	<0.80	ND
	4/26/2001	--	<0.10	<0.10	<0.30	<1.1	<0.70	<0.40	<0.30	<0.40	<0.40	<0.80	ND
	6/1/2001	--	<0.10	<0.10	<0.30	<1.1	<0.70	<0.40	<0.30	<0.40	<0.40	<0.80	ND
	7/10/2001	(17)	<0.10	<0.10	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	<0.25	Methylene chloride 3.8
	10/31/2001	--	<0.13	<0.20	<0.23	<0.16	NA	NA	NA	NA	NA	NA	ND
	1/18/2006	--	<0.20	<0.20	<0.50	<0.50	<0.25	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	4/21/2006	--	<0.20	<0.20	<0.50	<0.50	<0.25	<0.50	<0.20	<0.20	<0.50	<0.50	ND
	1/18/2007	--	<0.20	<0.20	<0.50	<0.50	<0.25	<0.50	<0.20	<0.20	<0.50	<0.50	ND
4/27/2011	--	<0.25	<0.25	<0.39	<0.23	<0.50	NA	NA	NA	NA	NA	ND	
NR 140 Enforcement Standards (ES)			5	800	2,000	60	100	5	5	0.2	70	100	Ethylbenzene 700 1,2-Dichloropropane 5 Methylene chloride 5 1,1-Dichloroethane 850 TMBs 480
NR 140 Preventive Action Limits (PAL)			0.5	160	400	12	10	0.5	0.5	0.02	7	20	Ethylbenzene 140 1,2-Dichloropropane 0.5 Methylene chloride 0.5 1,1-Dichloroethane 85 TMBs 96

**ABBREVIATIONS:**

µg/l = micrograms per liter or parts per billion (ppb)  
VC = Vinyl Chloride  
-- = Not Applicable

MTBE = Methyl-tert-butyl ether  
DCE = Dichloroethene

PCE = Tetrachloroethene  
VOCs = Volatile Organic Compounds

TCE = Trichloroethene  
TMB = Trimethylbenzene

**NOTES:**

**Bold** values meet or exceed NR 140 enforcement standards.

*Italic* values meet or exceed NR 140 preventive action limits.

NR 140 ES - Wisconsin Administrative Code (WAC), Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards

NR 140 PAL - WAC, Chapter NR 140.10 Table 1 - Public Health Groundwater Quality Standards

**Table E-1**  
**Groundwater Analytical Results Summary**  
**Madison East Shopping Center / BT Squared Project #1526**

**LABORATORY NOTES:**

B = Analyte was detected in the associated Method Blank.

J/Ja = Results reported between the Method Detection Limit (MDL) and Limit of Quantitation (LOQ) are less certain than results at or above the LOQ.

J<sup>1</sup> = Estimated value. Analyte detected at a level less than the Reporting Limit (RL) and greater than or equal to the Method Detection Limit (MDL). The user of this data should be aware that this data is of limited reliability.

- (1) PVOCs analysis - Late eluting hydrocarbons present.
- (2) Ethylbenzene, toluene, m&p-xylene, and naphthalene analyses - Values are in between LOD and LOQ. Naphthalene analysis - Analyte averaged calibration criteria within acceptable limits.
- (3) O-xylene analysis - Value is in between LOD and LOQ.
- (4) PVOCs analysis - Late eluting hydrocarbons present. Xylenes analysis - Matrix interference.
- (5) PVOCs analysis - Late eluting hydrocarbons present.
- (6) PVOCs analysis - Late eluting hydrocarbons present and result confirmed via re-analysis. Xylenes analysis - Matrix interference. Naphthalene analysis - Result confirmed via re-analysis.
- (7) PVOCs analysis - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference. Naphthalene analysis - Analyte averaged calibration criteria within acceptable limits. O-xylene analysis - Value is in between LOD and LOQ.
- (8) PVOCs analysis - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference. Naphthalene analysis - Analyte averaged calibration criteria within acceptable limits.
- (9) MTBE and 1,2,4-TMB analyses - Values are in between LOD and LOQ.
- (10) MTBE, 1,2,4-TMB, and naphthalene analyses - Values are in between LOD and LOQ.
- (11) PVOCs analysis - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference.
- (12) Methylene chloride - Common lab solvent and contaminant.
- (13) PVOCs analysis - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference. Naphthalene analysis - Analyte averaged calibration criteria within acceptable limits. Toluene analysis - Value is in between LOD and LOQ.
- (14) VOCs analysis - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference. 1,1-Dichloroethane analysis - Value is in between LOD and LOQ.
- (15) VOCs analysis - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference. N-Butylbenzene, n-Propylbenzene, and o-xylene analyses - Values are in between LOD and LOQ.
- (16) VOCs analysis - Raised Quantitation or Reporting Limit due to limited sample amount or dilution for matrix background interference. N-Butylbenzene, naphthalene, n-Propylbenzene, and toluene analyses - Values are in between LOD and LOQ.
- (17) Methylene chloride - Common lab solvent and contaminant. 2,2-Dichloropropane analysis - Standard outside of control limits.
- (18) 1,2,4-TMB, tert-butylbenzene, and m&p-xylene analyses - Values are in between LOD and LOQ. Naphthalene analysis - Analyte averaged calibration criteria within acceptable limits.
- (19) Naphthalene and o-xylene analyses - Values are in between LOD and LOQ.
- (20) PVOCs analysis - Result confirmed via re-analysis.
- (21) n-Butylbenzene, p-Isopropyltoluene, 1,2,4-Trimethylbenzene - Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- (22) Bromoform - Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
- (23) *Surr: Dibromofluoromethane (89-119%)* - Surrogate recovery was above acceptance limits. *Surr: Toluene-d8 (91-109%)* - Surrogate recovery was below acceptance limits.

Created by: LMH 7/22/05  
Revised by: TLR 5/23/2011  
Checked by: SMS 5/24/11

I:\1526\Tables\GW\_Results\_Table.xls\Lab Notes

**Table E-6  
Water Level Summary  
Madison East Shopping Center / BT Squared Project #1526  
Madison, Wisconsin**

Raw Data	MW1	MW2	MW3	MW3R	MW4	MW5	MW6	PZ1
	Measurement Date							
August 11, 1999	7.24	NM	6.82	NI	2.31	NI	NI	NI
January 11, 2000	9.04	FP	7.52	NI	5.29	NI	NI	NI
April 5, 2000	NM	FP	7.39	NI	4.73	NI	NI	NI
July 20, 2000	6.52	FP	6.56	NI	3.28	NI	NI	NI
October 17, 2000	7.78	FP	6.82	NI	4.78	NI	NI	NI
January 31, 2001	8.11	FP	7.51	NI	2.43	NI	NI	NI
April 26, 2001	7.42	FP	6.90	NI	2.68	NI	NI	NI
July 10, 2001	7.54	FP	6.50	NI	3.78	NI	NI	NI
January 18, 2006	8.61	FP	NM	7.66	3.61	9.03	8.85	8.99
April 21, 2006	7.01	NM	NM	6.23	2.76	7.30	7.11	7.39
January 18, 2007	7.20	FP	NM	6.44	4.26	NM	NM	NM
April 27, 2011	5.50	FP	NM	5.56	3.68	5.20	4.90	5.62

Well Number Top of Casing Elevation (feet osb)	MW1	MW2	MW3	MW3R	MW4	MW5	MW6	PZ1
	99.90	99.97	98.57	96.42	99.42	97.16	96.97	96.34
Measurement Date								
August 11, 1999	92.66	--	91.75	--	97.11	--	--	--
January 11, 2000	90.86	90.76	91.05	--	94.13	--	--	--
April 5, 2000	--	91.20	91.18	--	94.69	--	--	--
July 20, 2000	93.38	93.25	92.01	--	96.14	--	--	--
October 17, 2000	92.12	91.98	91.75	--	94.64	--	--	--
January 31, 2001	91.79	91.68	91.06	--	96.99	--	--	--
April 26, 2001	92.48	92.06	91.67	--	96.74	--	--	--
July 10, 2001	92.36	92.26	92.07	--	95.64	--	--	--
January 18, 2006	91.29	91.87	--	88.76	95.81	88.13	88.12	87.35
April 21, 2006	92.89	--	--	90.19	96.66	89.86	89.86	88.95
January 18, 2007	92.70	93.16	--	89.98	95.16	--	--	--
April 27, 2011	94.40	94.81	--	90.86	95.74	91.96	92.07	90.72

**ABBREVIATIONS:**

NM = not measured

AB = well abandoned

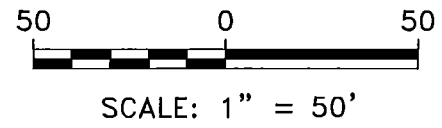
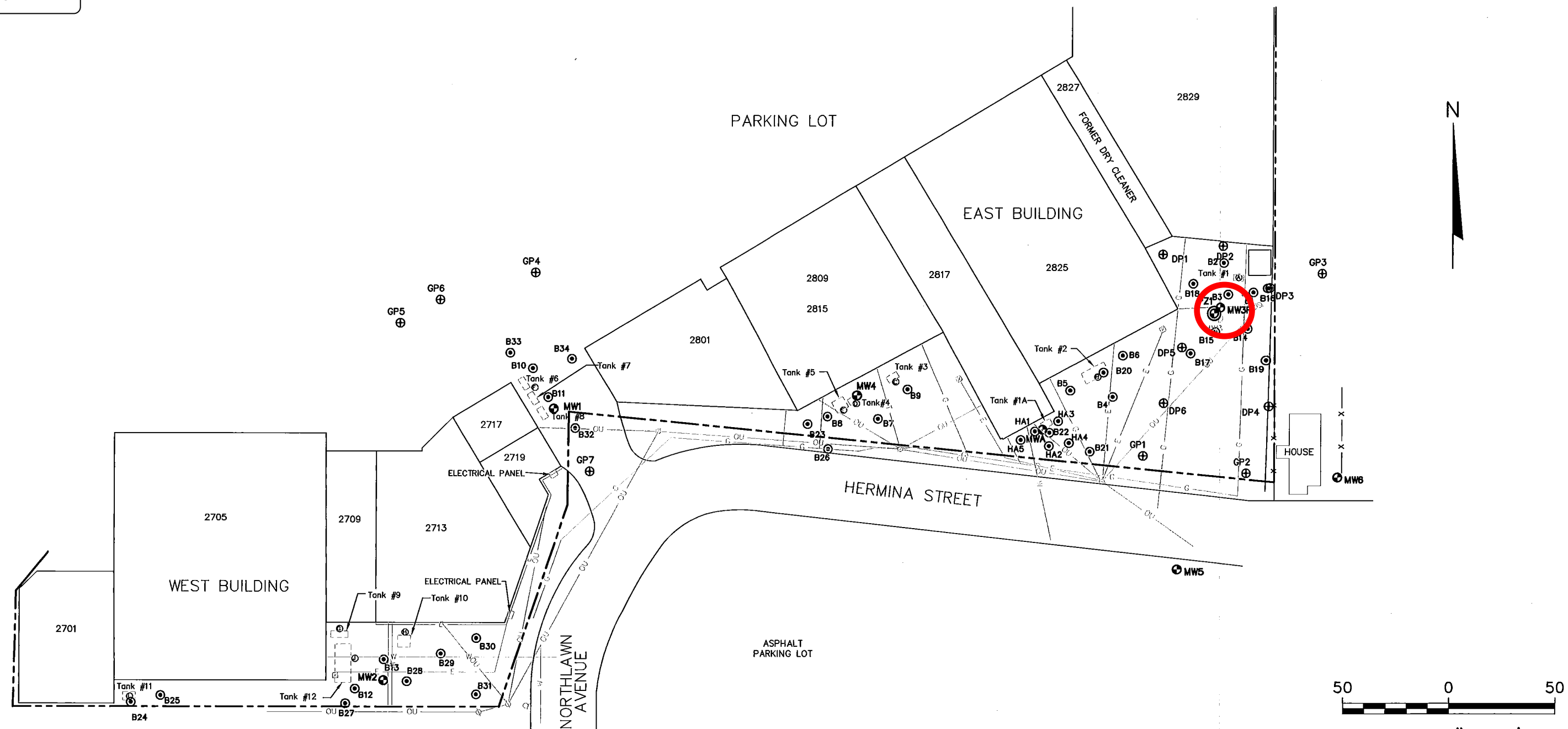
NI = well not installed yet

FP = free product is present in the well, groundwater elevation is corrected for free product thickness using a specific gravity of petroleum of 0.83

**NOTES:**

On-site benchmark is the top of the fire hydrant directly across Hermina Street

IMPROPERLY ABANDONED  
MONITORING WELL



NOTES:  
1. UTILITY LOCATIONS ARE APPROXIMATE AND MAY NOT BE COMPLETE. UTILITY LOCATIONS SHOULD BE VERIFIED PRIOR TO ANY UNDERGROUND WORK.

- LEGEND
- PROPERTY LINE
  - 2801 TENANT ADDRESS (E. WASHINGTON AVENUE)
  - OU OVERHEAD UTILITY
  - E BURIED ELECTRIC
  - G GAS MAIN
  - ST STORM SEWER
  - W WATER
  - Q HYDRANT
  - ⊕ TRANSFORMER
  - ⊕ UTILITY POLE
  - ⊕ SOIL SAMPLE TAKEN DURING TANK EXCAVATION
  - ⊕ SOIL BORING
  - ⊕ GEOPROBE BORING
  - ⊕ MONITORING WELL
  - ⊕ PIEZOMETER
  - ⊕ LOST MONITORING WELL

PROJECT NO. 1526	DRAWN BY: KJ/KP	ENGINEER	<b>BT SQUARED</b> 2830 DAIRY DRIVE MADISON, WI 53718-6751 PHONE: (608) 224-2830	CLIENT	EXECUTIVE MANAGEMENT, INC. PO BOX 8685 MADISON, WI 53708	SITE	MADISON EAST SHOPPING CENTER MADISON, WISCONSIN	SITE PLAN	FIGURE
DRAWN: 02/08/94	CHECKED BY: SMS								A-3
REVISED: 04/01/10	APPROVED BY: SMS 06/06/11								

**IMPROPERLY ABANDONED MONITORING WELL**

Route to:  Watershed/Wastewater  Waste Management   
 Remediation/Redevelopment  Other

**MONITORING WELL CONSTRUCTION**  
 Form 4400-113A Rev. 7-98

Facility/Project Name <b>Madison East Shopping Center</b>		Local Grid Location of Well _____ ft. <input type="checkbox"/> N. _____ ft. <input type="checkbox"/> E. _____ ft. <input type="checkbox"/> S. _____ ft. <input type="checkbox"/> W.		Well Name <b>MW3</b>	
Facility License, Permit or Monitoring Number		Local Grid Origin <input type="checkbox"/> (estimated: <input type="checkbox"/> ) or Well Location <input type="checkbox"/>		Wis. Unique Well Number <b>JR677</b>	
Facility ID		Lat. _____ Long. _____ or _____		DNR Well ID No.	
Type of Well Well Code <b>11 / MW</b>		Section Location of Waste/Source <input checked="" type="checkbox"/> E. <input type="checkbox"/> W.		Date Well Installed <b>07 / 29 / 1999</b> m m d d y y y y	
Distance From Waste/Source _____ ft.		Location of Well Relative to Waste/Source u <input type="checkbox"/> Upgradient s <input type="checkbox"/> Sidegradient d <input type="checkbox"/> Downgradient n <input type="checkbox"/> Not Known		Well Installed By: Name (first, last) and Firm <b>Perry Graber</b>	
Enf. Stds. Apply <input checked="" type="checkbox"/>		Gov. Lot Number		<b>EFD</b>	

A. Protective pipe, top elevation _____ ft. MSL	1. Cap and lock? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
B. Well casing, top elevation _____ ft. MSL	2. Protective cover pipe: a. Inside diameter: <b>10.0 in.</b> b. Length: <b>1.1 ft.</b> c. Material: Steel <input type="checkbox"/> 04 <b>Cast Aluminum</b> Other <input checked="" type="checkbox"/>
C. Land surface elevation _____ ft. MSL	d. Additional protection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe: _____
D. Surface seal, bottom _____ ft. MSL or <b>1.5 ft.</b>	3. Surface Seal: Bentonite <input type="checkbox"/> 30 Concrete <input checked="" type="checkbox"/> 01 Other <input type="checkbox"/>
12. USCS classification of soil near screen: GP <input type="checkbox"/> GM <input type="checkbox"/> GC <input type="checkbox"/> GW <input type="checkbox"/> SW <input type="checkbox"/> SP <input type="checkbox"/> SM <input type="checkbox"/> SC <input type="checkbox"/> ML <input checked="" type="checkbox"/> MH <input type="checkbox"/> CL <input checked="" type="checkbox"/> CH <input type="checkbox"/> Bedrock <input type="checkbox"/>	
13. Sieve analysis attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
14. Drilling method used: Rotary <input type="checkbox"/> 50 Hollow Stem Auger <input checked="" type="checkbox"/> 41 Other <input type="checkbox"/>	
15. Drilling fluid used: Water <input type="checkbox"/> 02 Air <input type="checkbox"/> 01 Drilling Mud <input type="checkbox"/> 03 None <input checked="" type="checkbox"/> 99	
16. Drilling additives used? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Describe _____	
17. Source of water (attach analysis, if required): _____	
E. Bentonite seal, top _____ ft. MSL or _____ ft.	4. Material between well casing and protective pipe: Bentonite <input type="checkbox"/> 30 <b>Filter Sand</b> Other <input checked="" type="checkbox"/>
F. Fine sand, top _____ ft. MSL or _____ ft.	5. Annular space seal: a. Granular/Chipped Bentonite <input checked="" type="checkbox"/> 33 b. _____ Lbs/gal mud weight...Bentonite-sand slurry <input type="checkbox"/> 35 c. _____ Lbs/gal mud weight.....Bentonite slurry <input type="checkbox"/> 31 d. _____ % Bentonite.....Bentonite-cement grout <input type="checkbox"/> 50 e. <b>0.7</b> Ft <sup>3</sup> volume added for any of the above f. How installed: Tremie <input type="checkbox"/> 01 Tremie pumped <input type="checkbox"/> 02 Gravity <input checked="" type="checkbox"/> 08
G. Filter pack, top _____ ft. MSL or <b>4.5 ft.</b>	6. Bentonite seal: a. Bentonite granules <input type="checkbox"/> 33 b. <input type="checkbox"/> 1/4 in. <input type="checkbox"/> 3/8 in. <input type="checkbox"/> 1/2 in. Bentonite chips <input type="checkbox"/> 32 c. <b>none</b> <input checked="" type="checkbox"/>
H. Screen joint, top _____ ft. MSL or <b>5.1 ft.</b>	7. Fine sand material: Manufacturer, product name & mesh size a. <b>Unimin Ind. Quartz #8095</b> b. Volume added <b>none</b> ft <sup>3</sup>
I. Well bottom _____ ft. MSL or <b>15.4 ft.</b>	8. Filter pack material: Manufacturer, product name & mesh size a. <b>Badger Mining Silica # 1.0-1.4</b> b. Volume added <b>3.0</b> ft <sup>3</sup>
J. Filter pack, bottom _____ ft. MSL or <b>16.0 ft.</b>	9. Well casing: Flush threaded PVC schedule 40 <input checked="" type="checkbox"/> 23 Flush threaded PVC schedule 80 <input type="checkbox"/> 24
K. Borehole, bottom _____ ft. MSL or <b>16.0 ft.</b>	10. Screen material <b>same</b> a. Screen type: Factory cut <input checked="" type="checkbox"/> 01 Continuous slot <input type="checkbox"/> 02 Other <input type="checkbox"/>
L. Borehole, diameter <b>8.5</b> in.	b. Manufacturer <b>Boart Longyear</b> c. Slot size: <b>0.010</b> in. d. Slotted length: <b>9.0</b> ft.
M. O.D. well casing <b>2.40</b> in.	11. Backfill material (below filter pack): None <input checked="" type="checkbox"/> 14 Other <input type="checkbox"/>
N. I.D. well casing <b>2.00</b> in.	

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature: [Signature] Firm: **BT<sup>2</sup>, Inc., 2830 Dairy Drive, Madison, WI 53704-6751**

Please complete both Forms 4400-113A and 4400-113B and return them to the appropriate DNR office and bureau. Completion of these reports is required by chs. 160, 281, 283, 89, 291, 292, 293, 295, and 299, Wis. Stats., and ch. NR 141, Wis. Ad. Code. In accordance with chs. 281, 289, 291, 292, 293, 295, and 299, Wis. Stats. Failure to file these forms may result in a forfeiture of between \$10 and \$25,000, or imprisonment for up to one year, depending on the program and conduct involved. Personally identifiable information on these forms is not intended to be used for any other purpose. NOTE: See the instructions for more information, including where the completed forms should be sent.  
 BT<sup>2</sup> Inc. (j:\boring\lg\4400-113.mdf) Page 1

Resources

Route To:

- Solid Waste
- Emergency Response
- Wastewater
- Haz. Waste
- Underground Tanks
- Water Resources
- Other

**SOIL BORING LOG INFORMATION**

Form 4400-122

10-92

Facility/Project Name <b>Madison East Shopping Center</b>		BT <sup>2</sup> # <b>1526</b>		License/Permit/Monitoring Number		Boring Number <b>MW3</b>	
Boring Drilled By (Firm name and name of crew chief) <b>EFD Perry Graber</b>				Drilling Started <b>07/29/1999</b>		Drilling Completed <b>07/29/1999</b>	
DNR Facility Well No.		WI Unique Well No. <b>JR677</b>		Common Well Name		Static Water Level Feet	
Boring Location State Plane <b>SW 1/4 of NW 1/4 of Section 5, T. 7 N., R. 10 E.</b>		N, E		Lat. Long.		Local Grid Location (If applicable) Feet N., Feet E.	
County <b>Dane</b>				DNR County Code <b>13</b>		Civil Town/City/or Village <b>Madison</b>	

Sample Number	Length Recovered	Blow Counts	Depth in Feet	Soil/Rock Description And Geologic Origin For Each Major Unit	USCS	Graphic Log	Well Diagram	Max. P.D.P. (ft)	Soil Properties			RQD/ Comments
									Standard Penetration	Moisture Content	P200	
S1	12	04-05	5	SILTY GRAVEL; brown (FILL)	GM			15.6	M		no odors	
		06-04		SILTY CLAY with sand; medium stiff, brown (FILL)	CL-ML							
S2	16	02-02	5	Organic SILT; loose, black (OLD TOPSOIL)	OL			285	M		fuel odor	
		03-04		Organic SILT; very loose, gray-green; shells and plant fibers (MARL)	OL							
S3	16	00-00 01-01						330	M		fuel odor	
S4	24	00-00 00-00	10		OL			173.9	M		fuel odor	
S5	24	00-00 02-02		SILTY CLAY with fine sand; soft, gray; thin (1/10") horizontal fine sand seams	CL-ML			22.2	M		fuel odor	
S6	24	00-00 02-02	15		CL-ML			21.3	M		fuel odor	
				End of boring @ 16' Set 10' PVC screen to 15.4'								

I hereby certify that the information on this form is true and correct to the best of my knowledge.

Signature Firm **BT<sup>2</sup>, Inc.** G. F. Prior

This form is authorized by Chapters 144, 147 and 162, Wis. Stats. Completion of this form is mandatory. Penalties: Forfeit not less than \$10 nor more than \$5,000 for each violation. Fined not less than \$10 or more than \$100 or imprisoned not less than 30 days, or both for each violation. Each day of continued violation is a separate offense, pursuant to ss 144.99 and 162.06 Wis. Stats.