GIS REGISTRY INFORMATION

SITE NAME: Wisconsin Center District

BRRTS #: 02-4-104734 | FID # (if appropriate): 241854360

COMMERCE # (if appropriate):

CLOSURE DATE: ~~Feb. 16, Wisconsin Ave~~ Feb. 6, 2007

STREET ADDRESS: 400 W. Wisconsin Ave

CITY: Milwaukee, Wi.

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= E689644 Y= N 287369

CONTAMINATED MEDIA: Groundwater ☐ Soil ☐ Both ☐

OFF-SOURCE GW CONTAMINATION >ES: ☐ Yes ☐ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

OFF-SOURCE SOIL CONTAMINATION >Generic or Site-Specific RCL (SSRCL): ☐ Yes ☐ No

IF YES, STREET ADDRESS 1:

GPS COORDINATES (meters in WTM91 projection): X= Y=

CONTAMINATION IN RIGHT OF WAY: ☐ Yes ☐ No

DOCUMENTS NEEDED:

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

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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

Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
PO Box 12436
Milwaukee, Wisconsin 53212-0436
FAX 414-263-8606
Telephone 414-263-8500
TTY Access via relay - 711

February 6, 2007

Mr. Richard Geyer
President
Wisconsin Center District
400 West Wisconsin Avenue
Milwaukee, WI 53203

SUBJECT: Final Case Closure with Land Use Limitations or Conditions, Wisconsin Center District-Midwest Airlines Center, 400 W. Wisconsin Ave., Milwaukee, Wisconsin Milwaukee, Wisconsin **FID# 241854360, BRRTS # 02-41-104734**

Dear Mr. Geyer

On January 2, 2007 the Southeast Remediation and Redevelopment Closure Committee reviewed the above referenced case for closure. This committee reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. On January 3, 2007, you were notified that the Closure Committee had granted conditional closure to this case.

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

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

Pursuant to s. 292.12(2)(a), Wis. Stats., the site is covered with pavement or building to eliminate the threat of direct contact. The extent of groundwater contamination has been defined to the extent practicable and long-term monitoring shows that soil remediation and pavement/buildings are limiting the migration of contaminants to the groundwater and natural attenuation processes are limiting the migration of contaminants off-site. The attached figure depicts the location of the engineered cap on the attached map and shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil

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

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

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 Pam Mylotta at 414-263-8758.

Sincerely,

Jim Schmidt
Southeast Remediation & Redevelopment Team Supervisor

Cc: Kris Krause – RMT
WDNR Case File

The Wisconsin Center District owns and operates the Midwest Airlines Center located at 400 West Wisconsin Avenue, Milwaukee, Wisconsin. Petroleum volatile organic compounds (VOCs) and chlorinated VOCs are present in the shallow soil on the site. The Wisconsin Center District and its Successors will maintain the cap (existing Midwest Airlines Center buildings, pavement, and soil cover) depicted on the attached Figures 1 and 2, to prevent direct exposure to shallow VOC contaminated soils, and to minimize the infiltration of water to prevent groundwater contamination. The cap on the property will serve as institutional control as required for case close out under s. NR726.05 (8) (b), Wis Adm. Code. Annually, the cap will be visually inspected for applicable deterioration, cracks, settlement and erosion. Repairs of the cap will be completed as necessary to minimize exposure to contaminated soil, and reduce surface water infiltration. The Wisconsin Center District and its successor will record and keep a log to document inspections and repairs of the building foundation and will make the log available to the Wisconsin Department of Natural Resources or its successors, upon request.

SOURCE: AERIAL PHOTOGRAPH FROM SEWRPC, 2005.

RMT®
744 Heartland Trail
Madison, WI 53717-1934
P.O. Box 8923 53708-8923
Phone: 608-831-4444
Fax: 608-831-3334

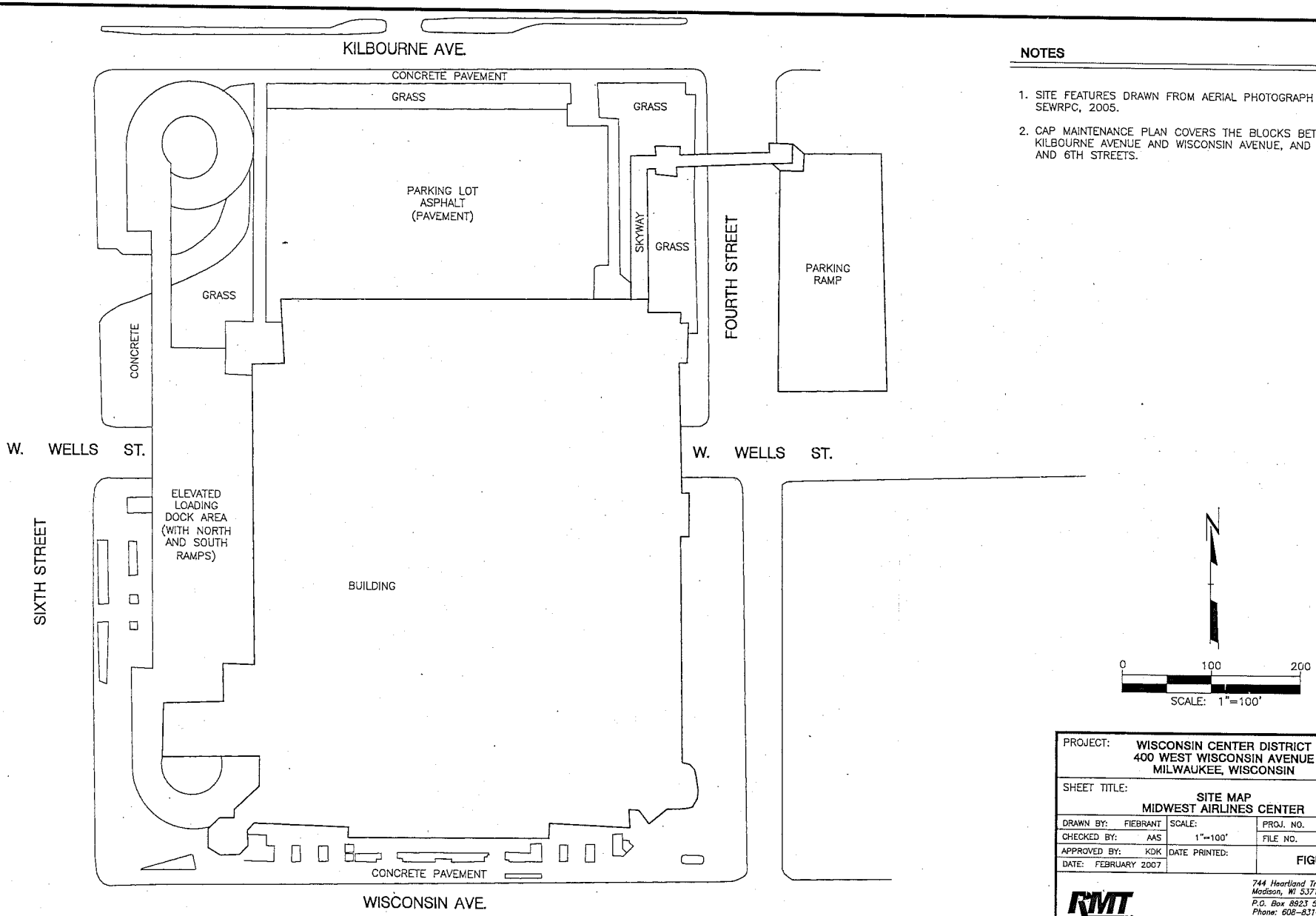
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

AERIAL PHOTOGRAPH
MIDWEST AIRLINES CENTER

DRAWN BY:	HANKLEY C
APPROVED BY:	
PROJECT NO:	00-03398.07
FILE NO.	33980701.mxd
DATE:	FEBRUARY 2007

D:\03398\07\GIS\33980701.mxd 2/5/2007 12:33:08

FIGURE 1



NOTES

1. SITE FEATURES DRAWN FROM AERIAL PHOTOGRAPH FROM SEWRPC, 2005.
2. CAP MAINTENANCE PLAN COVERS THE BLOCKS BETWEEN KILBOURNE AVENUE AND WISCONSIN AVENUE, AND 4TH AND 6TH STREETS.

PROJECT:	WISCONSIN CENTER DISTRICT 400 WEST WISCONSIN AVENUE MILWAUKEE, WISCONSIN		
SHEET TITLE:	SITE MAP MIDWEST AIRLINES CENTER		
DRAWN BY: FIEBRANT	SCALE:	PROJ. NO.	03398.07
CHECKED BY: AAS	1"=100'	FILE NO.	33980702.DWG
APPROVED BY: KDK	DATE PRINTED:	FIGURE 2	
DATE: FEBRUARY 2007			

RMT
744 Heartland Trail
Madison, WI 53717-1934
P.O. Box 8923 53708-8923
Phone: 608-831-4444
Fax: 608-831-3334

PLOT DATA
Drawing Name: J:\03398\07\33980702.DWG
Operator Name: fiebrant
Scale: 1"=100'

REEL 3758 IMAG 1444

DECLARATION OF DEED RESTRICTION

The undersigned, Wisconsin Center District (the "Declarant"), is the owner of the following contiguous eleven parcels of real estate described as follows:

PARCEL 1:
Lots 2, 3, and 6, excepting the South 2 inches of said Lot 6 in Block 62 in the Plat of the Town of Milwaukee, West of the River in the Northeast 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.
Tax Key #361-0682-1
Address: 429-435 West Wells Street

PARCEL 2:
Lots 1, Block 62, in the Plat of the Town of Milwaukee on the West Side of the River, in the Northeast 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, and further identified as:
Tax Key #361-0679-5
Address: 407 West Wells Street

PARCEL 3:
Lots 9, 14, 15 and 16, Block 62, in the Plat of the Town of Milwaukee on the West Side of the River, in the Northeast 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, and further identified as:
Tax Key #361-0685-8
Address: 404-416 West Wisconsin Avenue

PARCEL 4:
Lot 4 and the North 48 feet of Lot 5, in Block 62 in Plat of the Town of Milwaukee on the West side of the River, in the North East 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, and further identified as:
Tax Key #361-0681-100-2
Address: 745 North 4th Street

PARCEL 5:
Lot 7 and the South 2 inches of Lot 6, in Block 62 in Plat of the Town of Milwaukee on the West side of the River, in the North East 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, and further identified as:
Tax Key #361-0683-7
Address: 730-734 North 5th Street

14.00

PARCEL 6:
The South 2 feet of Lot 5 and all of Lot 8 in Block 62 in Plat of the Town of Milwaukee on the West side of the River, in the North East 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, and further identified as:
Tax Key #361-0684-2
Address: 731-737 North 4th Street

PARCEL 7:
Lots 10, 11, 12 and 13, Block 62, Plat of the Town of Milwaukee on the West side of the river in the North East 1/4, Section 29, Town 7 North, Range 22 East, City of Milwaukee, County of Milwaukee, State of Wisconsin, and further identified as:
Tax Key #361-0687-100-5
Address: 422-440 West Wisconsin Avenue

PARCEL 8:
Lots 1, 2, 3 and 4, Block 63 in the Plat of Town of Milwaukee on the West Side of the River in the Northeast 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin, together with all of vacated North-South Alley, adjoining said Lots on the West.
Tax Key #361-0689-112-X
Address: 515 West Wells Street

PARCEL 9:
Lots 9, 10, 11 and 12, in Block 63 in the Plat of the East 1/4 of the Northwest 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.
Tax Key #361-0698-110-2
Address: 525 West Wells Street

PARCEL 10:
Lots 5, 6, 7 and 8, Block 63 in the Plat of Town of Milwaukee on the West Side of the River in the Northeast 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.
Tax Key #361-0695-2
Address: 512 West Wisconsin Avenue

PARCEL 11:
Lots 13, 14, 15 and 16 in Block 63, in the Plat of the Town of Milwaukee on the West Side of the River, in the Northeast 1/4 of Section 29, Town 7 North, Range 22 East, in the City of Milwaukee, County of Milwaukee, State of Wisconsin.
Also, together with all of vacated North-South Alley adjoining Lots 13 and 16 on the East.
Tax Key #361-0699-100-0
Address: 536 West Wisconsin Avenue

Declarant makes this Declaration of Deed Restriction solely for the purpose of ensuring compliance with zoning ordinances of the City of Milwaukee in that the Declarant intends to use the eleven parcels, each in conjunction with the other, as though they were in fact one parcel of real estate; intending to construct the new Wisconsin Center, an expanded convention facility, parking lots and related improvements.

NOW THEREFORE, Declarant hereby declares a restriction on the conveyance of the parcels of real property hereinabove described, such that Declarant shall not convey any one of the parcels of real estate separate from the others, without first obtaining the written consent of the City of Milwaukee.

This restriction shall run with the land and shall be enforceable against the Declarant, its heirs, successors, agents and assigns.

Dated at Milwaukee Wisconsin this 19th day of March, 1996.

7194506 REGISTER'S OFFICE Milwaukee County, WI } SS 4:05 PM

RECORDED AT 4:05 PM

MAR 19 1996 1444 TO

REEL 3758 IMAGE 1446 INCL

REGISTER OF DEEDS

WISCONSIN CENTER DISTRICT

By: _____
Geoffrey F. Hurtado
President

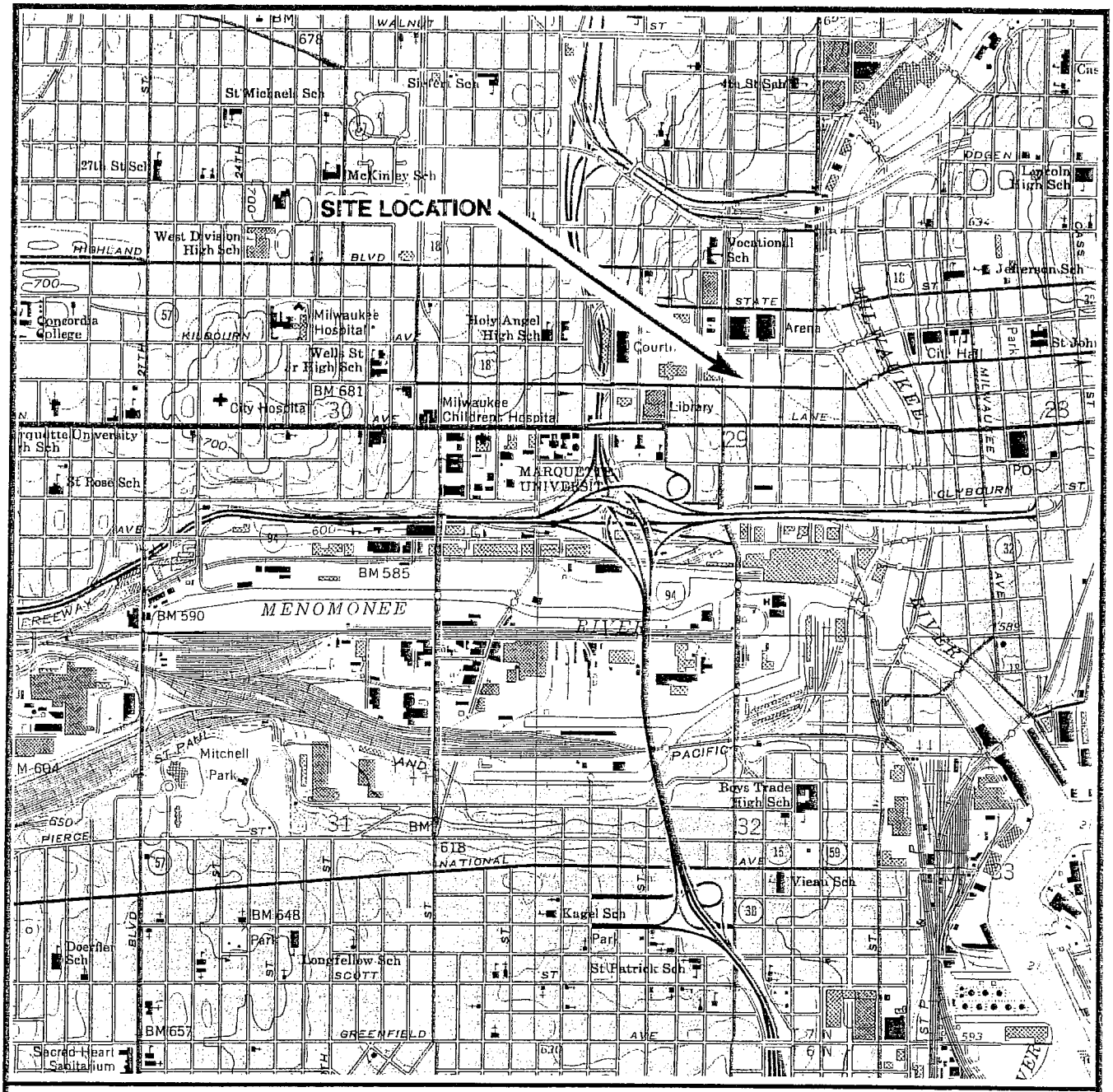
Subscribed and sworn to before me
this 19th day of March, 1996.

_____
Notary Public, Milwaukee County
My Commission: 6-20-99

7194506 #
RECORD 14.00

This instrument was drafted
by Jennifer A. Pflug, Esq.
Milwaukee, Wisconsin

NE 1/4 SEC. 29-7-22



STATE LOCATION

0 2000 4000

SCALE: 1"=2000'

N

SITE LOCATION

WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

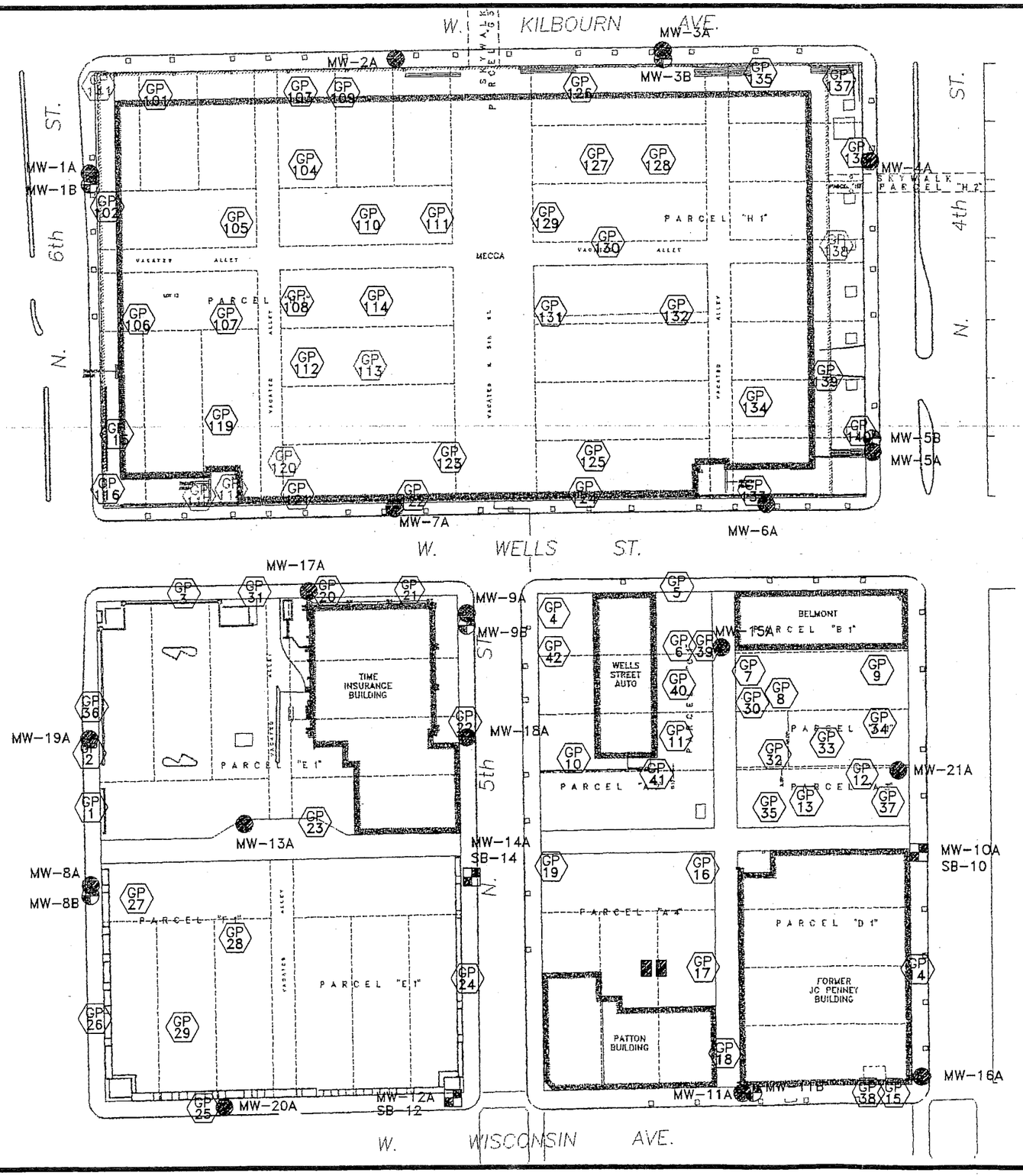
SOURCE: BASE MAP FROM MILWAUKEE 7.5 MIN. USGS QUADRANGLE.

RMT INC.

DWN. BY:	RPR
APPROVED BY:	MBG
DATE:	SEPTEMBER 1995
PROJ. #	3398.01
FILE #	33980171

FIGURE 1

$$DWG
$$PRF$
$$SCALE$$
$$DATE$$



LEGEND

MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION
MW-1B SB-1	PIEZOMETER AND DEEP BORING LOCATION
MW-1A	SHALLOW MONITORING WELL LOCATION
GP X	GEOPROBE OR SOIL BORING LOCATION
GP X	BORING NOT COMPLETED DUE TO UTILITY CONFLICT OR BORING REFUSAL
	APPROXIMATE LOCATION OF UST REMOVAL

N

0 100 200

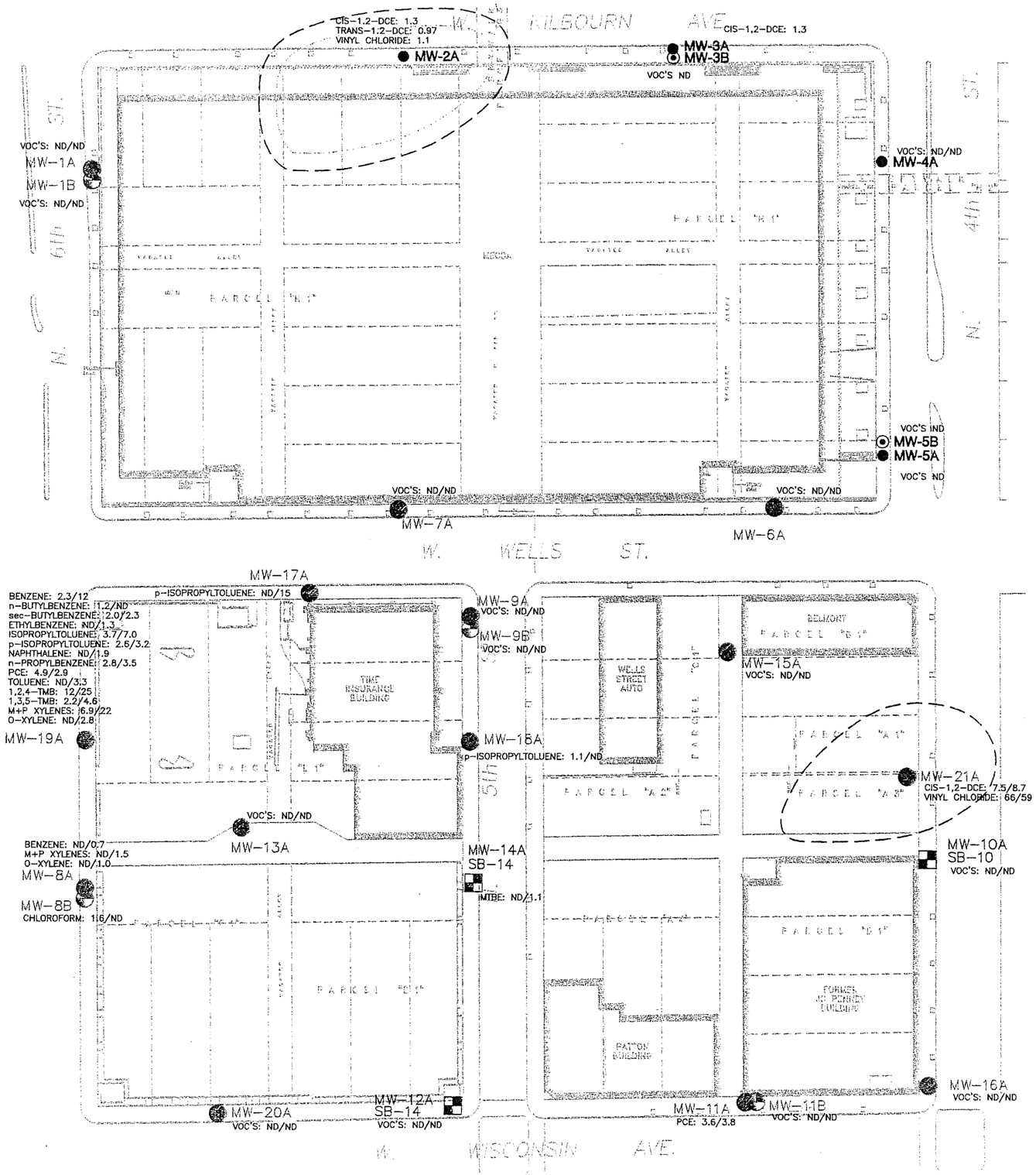
SCALE: 1"=100'

SITE BASE MAP AND MONITORING WELL AND BORING LOCATIONS
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

RMT INC.

DWN. BY:	RPR
APPROVED BY:	KDK
DATE:	DECEMBER 1995
PROJ. #	3398.01
FILE #	33980177

FIGURE 3



LEGEND

MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION/(ABANDONED)
MW-1B	PIEZOMETER AND DEEP BORING LOCATION/(ABANDONDED)
MW-1A	SHALLOW MONITORING WELL LOCATION/(ABANDONDED)
MW-2A	EXISTING SHALLOW MONITORING WELL
MW-5B	EXISTING PIEZOMETER
- - - -	APPROXIMATE EXTENT OF NR140 ES EXCEEDENCE FOR VINYL CHLORIDE
-·-·-·-	APPROXIMATE EXTENT OF NR140 ES EXCEEDENCE FOR BENZO(A)PYRENE

NOTES

1. ND = NOT DETECTED
   PCE = TETRACHLOROETHENE
   MTBE = METHYL-TERT-BUTYL-ETHER
   1,2,4-TMB = 1,2,4-TRIMETHYLBENZENE
   1,3,5-TMB = 1,3,5-TRIMETHYLBENZENE
   CIS-1,2-DCE = CIS-1,2-DICHLOROETHENE
   TRANS-1,2-DCE = TRANS-1,2-DICHLOROETHENE
2. RESULTS ARE REPORTED IN UNITS OF MICROGRAMS/L.
3. CONCENTRATION OF VOC'S IN THE ABANDONED WELLS FROM THE 1995 SITE INVESTIGATION.
4. CONCENTRATIONS OF VOC'S IN THE EXISTING MONITORING WELLS FROM MAY 2006.
5. THIS FIGURE INCLUDES ONLY THOSE COMPOUNDS THAT WERE REPORTED ABOVE DETECTION LIMITS IN EITHER OF THE 1995 SI OR THE MAY 2006 SAMPLING. IF NO VOC'S WERE DETECTED, THE RESULT IS REPORTED AS "ND". ALL SAMPLES WERE ANALYZED FOR THE COMPLETE METHOD 8260 ANALYTE LIST.
6. THE CONCENTRATION OF BENZO(A)PYRENE DETECTED IN MW-2A DURING THE 1995 SI WAS 3.42 MICROGRAMS/L.

PROJECT: **WISCONSIN CENTER DISTRICT MILWAUKEE, WISCONSIN**

SHEET TITLE: **DISTRIBUTIONS OF VOC'S IN GROUNDWATER**

DRAWN BY: METZA	SCALE: 1"=100'	PROJ. NO. 03398.07	
CHECKED BY: AAS		FILE NO. 33980701.DWG	
APPROVED BY: KDK	DATE PRINTED:	**FIGURE 1**	
DATE: JULY 2006			

RMT
744 Heartland Trail
Madison, WI 53717-1934
P.O. Box 8923 53708-8923
Phone: 608-831-4444
Fax: 608-831-3334

PLOT DATA
Drawing Name: J:\03398\07\33980701.DWG
Operator Name: metza
Scale: 1"=100'

Table 9 Wisconsin Center District

SUMMARY OF METALS DETECTED IN GROUNDWATER

concentrations reported in micrograms/L

Well I.D.: Date: Constituen	ES	PAL	MW-1A 6/22/95	MW-2A 6/22/95	MW-3A 6/21/95	MW-4A 6/22/95	MW-5A 6/27/95	MW-6A 6/23/95	MW-7A 6/23/95	MW-8A 6/26/95	MW-9A 6/23/95	MW-10A 6/23/95	MW-11A 6/23/95	MW-12A 6/26/95	MW-13A 6/22/95	MW-14A 6/22/95	MW-15A 6/23/95	MW-16A 7/28/95	MW-17A 7/28/95	MW-18A 7/28/95	MW-19A 7/28/95
Arsenic	50	5	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.015	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.008	<0.004
Barium	2000	400	0.42	0.64	0.81	0.34	0.22	0.16	0.43	0.10	1.1	0.61	0.46	0.56	0.08	0.20	0.19	1.4	0.72	0.39	0.85
Cadmium	5	192	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	0.0005	<0.0005	0.0006	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Chromium	100	10	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.05	<0.05	<0.05	<0.05
Copper	1300	130	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	NA	NA	NA	NA
Lead	15	1.5	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Mercury	2	0.2	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002	<0.0002
Nickel	100	20	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	<0.04	NA	NA	NA	NA
Selenium	50	10	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	0.01
Silver	50	10	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.008	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Zinc	5000	2500	<0.01	<0.01	<0.01	<0.01	0.02	0.01	<0.01	0.03	0.01	0.01	0.01	0.04	<0.01	<0.01	<0.01	NA	NA	NA	NA

Notes:

Results are presented for all metal analyses conducted on groundwater samples.

Detection limits and complete laboratory results are presented in Appendix H.

ES (Enforcement Standard) and PAL (Preventative Action Limit) refer to NR 140 Groundwater Quality Standards, August, 1995 revision.

NA means the sample was not analyzed for this constituent.

Bold means the reported concentration exceeds the Enforcement Standard or Preventative Action Limit.

Table 10

Wisconsin Center District

SUMMARY OF PAH COMPOUNDS DETECTED IN GROUNDWATER

concentrations reported in micrograms/L

Monitoring Well I.D. : Date Sampled:	ES	PAL	MW-1A 6/22/95	MW-1A 8/15/95	MW-1B 6/22/95	MW-1B 8/15/95	MW-2A 6/22/95	MW-2A 8/15/95	MW-3A 6/21/95	MW-3A 8/15/95	MW-3B 6/21/95	MW-3B 8/15/95	MW-4A 6/22/95	MW-4A 8/15/95
Acenaphthene	ns	ns	5.4	8.3	-	<0.6	<0.5	<11	<0.5	<0.6	-	<0.6	<0.5	<0.6
Acenaphthylene	ns	ns	<1.0	<1.2	-	<1.2	<1.0	<23	<1.0	<1.2	-	<1.2	<1.0	<1.2
Anthracene	ns	ns	2.63	3.17	-	<0.02	0.20	2.29	<0.02	<0.02	-	<0.02	<0.02	<0.02
Benzo (a) anthracene	ns	ns	<0.03	<0.15	-	<0.03	0.16	4.87	<0.03	<0.03	-	<0.03	<0.03	<0.03
Benzo (a) pyrene	0.2	0.02	<0.02	<0.02	-	<0.02	**0.16**	**3.42**	<0.02	**0.03**	-	<0.02	<0.02	<0.02
Benzo (b) fluoranthene	ns	ns	<0.02	<0.02	-	<0.02	0.11	2.44	<0.02	0.03	-	<0.02	<0.02	<0.02
Benzo (ghi) perylene	ns	ns	<0.03	<0.04	-	<0.04	0.09	<0.68	<0.03	<0.03	-	<0.04	<0.03	<0.03
Benzo (k) fluoranthene	ns	ns	<0.02	<0.02	-	<0.02	0.07	1.42	<0.02	<0.02	-	<0.02	<0.02	<0.02
Chrysene	ns	ns	<0.03	<0.15	-	<0.03	0.21	4.11	<0.03	<0.03	-	<0.03	<0.03	<0.03
Dibenzo (a,h) anthracene	ns	ns	<0.02	<0.02	-	<0.02	<0.02	<0.45	<0.02	<0.02	-	<0.02	<0.02	<0.02
Fluoranthene	ns	ns	<0.40	1.47	-	<0.02	0.41	7.55	<0.02	0.03	-	<0.02	<0.02	<0.02
Fluorene	400	80	6.39	18	-	<0.12	0.14	<2.3	<0.10	<0.12	-	<0.12	<0.10	<0.12
Indeno (123-cd)pyrene	ns	ns	<0.02	<0.02	-	<0.02	0.17	<0.45	<0.02	0.04	-	<0.02	<0.02	<0.02
1-Methylnapthalene	ns	ns	2.5	3.2	-	<0.6	<0.5	<11	<0.5	<0.6	-	<0.6	<0.5	<0.6
2-Methylnapthalene	ns	ns	2.7	3.2	-	<0.6	<0.5	<11	<0.5	<0.6	-	<0.6	<0.5	<0.6
Naphthalene	40	8	<0.5	0.7	-	<0.6	<0.5	<11	<0.5	<0.6	-	<0.6	<0.5	<0.6
Phenanthrene	ns	ns	8.28	16	-	<0.12	0.40	6.63	<0.10	<0.12	-	<0.12	<0.10	<0.12
Pyrene	ns	ns	<2.00	1.29	-	<0.12	0.35	7.32	<0.10	<0.12	-	<0.12	<0.10	<0.12

Notes:

- Indicates well not sampled for this parameter.

Complete laboratory results are presented in Appendix H.

ES (Enforcement Standard) and PAL (Preventive Action Limit) refer to NR 140 Groundwater Quality Standards, August 1995 revision.

NS means no standard has been adopted for this analyte.

Bold means the reported concentration exceeds the Enforcement Standard or Preventive Action Limit.

Table 10 (continued)
Wisconsin Center District
SUMMARY OF PAH COMPOUNDS DETECTED IN GROUNDWATER
concentrations reported in micrograms/L

Monitoring Well I.D. : Date Sampled:	MW-5A 6/27/95	MW-5A 8/15/95	MW-5B 6/27/95	MW-5B 8/15/95	MW-6A 6/23/95	MW-6A 8/14/95	MW-7A 6/23/95	MW-7A 8/14/95	MW-8A 6/26/95	MW-8A 8/14/95	MW-8B 6/26/95	MW-8B 8/14/95	MW-9A 6/23/95	MW-9A 8/14/95
Acenaphthene	<0.5	<0.6	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.6	-	<0.5	<0.5	<0.5
Acenaphthylene	<1.0	<1.2	-	<1.1	<1.0	<1.0	<1.0	<1.0	<1.1	<1.2	-	<1.0	<1.0	<1.0
Anthracene	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
Benzo (a) anthracene	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03
Benzo (a) pyrene	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
Benzo (b) fluoranthene	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
Benzo (ghi) perylene	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.04	-	<0.03	<0.03	<0.03
Benzo (k) fluoranthene	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
Chrysene	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03
Dibenzo (a,h) anthracene	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
Fluoranthene	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	0.03	<0.02	-	<0.02	<0.02	<0.02
Fluorene	<0.10	<0.12	-	<0.11	<0.10	<0.10	<0.10	<0.10	<0.11	<0.12	-	<0.10	<0.10	<0.10
Indeno (123-cd)pyrene	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02
1-Methylnapthalene	<0.5	<0.6	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.6	-	<0.5	<0.5	<0.5
2-Methylnapthalene	<0.5	<0.6	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.6	-	<0.5	<0.5	<0.5
Naphthalene	<0.5	0.9	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.6	<0.6	-	<0.5	<0.5	<0.5
Phenanthrene	<0.10	<0.12	-	<0.11	<0.10	<0.10	<0.10	<0.10	<0.11	<0.12	-	<0.10	<0.10	<0.10
Pyrene	<0.10	<0.12	-	<0.11	<0.10	<0.10	<0.10	<0.10	<0.11	<0.12	-	<0.10	<0.10	<0.10

Table 10 (continued)
Wisconsin Center District
SUMMARY OF PAH COMPOUNDS DETECTED IN GROUNDWATER
concentrations reported in micrograms/L

Monitoring Well I.D. : Date Sampled:	MW-9B 6/26/95	MW-9B 8/14/95	MW-10A 6/23/95	MW-10A 8/15/95	MW-11A 6/23/95	MW-11A 8/15/95	MW-11B 6/23/95	MW-11B 8/15/95	MW-12A 6/26/95	MW-12A 8/14/95	MW-13A 6/22/95	MW-13A 8/15/95	MW-14A 6/22/95	MW-14A 8/14/95
Acenaphthene	-	<0.5	<0.5	<0.6	<0.5	<0.6	-	<0.5	<0.6	<0.6	<0.5	<0.6	<0.5	<0.5
Acenaphthylene		<1.0	<1.0	<1.0	<1.0	<1.1	-	<1.0	<1.2	<1.1	<1.0	<1.2	<1.0	<1.0
Anthracene	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo (a) anthracene	-	<0.03	<0.03	<0.03	<0.03	0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Benzo (a) pyrene	-	<0.02	<0.02	<0.02	<0.02	0.03	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo (b) fluoranthene	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Benzo (ghi) perylene	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.04	<0.03	<0.03	<0.04	<0.03	<0.03
Benzo (k) fluoranthene	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Chrysene	-	<0.03	<0.03	<0.03	<0.03	<0.03	-	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03
Dibenzo (a,h) anthracene		<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluoranthene	-	<0.02	<0.03	<0.02	<0.02	0.03	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
Fluorene	-	<0.10	<0.10	<0.10	<0.10	<0.11	-	<0.10	<0.12	<0.11	<0.10	<0.12	<0.10	<0.10
Indeno (123-cd)pyrene	-	<0.02	<0.02	<0.02	<0.02	<0.02	-	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02
1-Methylnapthalene	-	<0.5	<0.5	<0.5	<0.5	<0.6	-	<0.5	<0.6	<0.6	<0.5	<0.6	<0.5	<0.5
2-Methylnapthalene	-	<0.5	<0.5	<0.5	<0.5	<0.6	-	<0.5	<0.6	<0.6	<0.5	<0.6	<0.5	<0.5
Naphthalene		<0.5	<0.5	<0.5	<0.5	<0.6	-	<0.5	<0.6	<0.6	<0.5	<0.6	<0.5	<0.5
Phenanthrene	-	<0.10	<0.10	<0.10	<0.10	<0.11	-	<0.10	<0.12	<0.11	<0.10	<0.12	<0.10	<0.10
Pyrene	-	<0.10	<0.10	<0.10	<0.10	<0.11	-	<0.10	<0.12	<0.11	<0.10	<0.12	<0.10	<0.10

Table 10 (continued)
Wisconsin Center District
SUMMARY OF PAH COMPOUNDS DETECTED IN GROUNDWATER
concentrations reported in micrograms/L

Monitoring Well I.D. : Date Sampled:	MW-15A 6/23/95	MW-15A 8/14/95	MW-16A 7/28/95	MW-16A 8/15/95	MW-17A 7/28/95	MW-17A 8/14/95	MW-18A 7/28/95	MW-18A 8/14/95	MW-19A 7/28/95	MW-19A 8/14/95	MW-20A 8/30/95	MW-20A 9/13/95	MW-21A 8/30/95	MW-21A 9/13/95
Acenaphthene	<0.5	<0.6	<0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
Acenaphthylene	<1.0	<1.2	<1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
Anthracene	<0.02	<0.02	<0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02
Benzo (a) anthracene	<0.03	<0.03	<0.04	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.05	<0.03	<0.03
Benzo (a) pyrene	<0.02	<0.02	<0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02
Benzo (b) fluoranthene	<0.02	<0.02	<0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02
Benzo (ghi) perylene	<0.03	<0.04	<0.05	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.06	<0.03	<0.03
Benzo (k) fluoranthene	<0.02	<0.02	<0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02
Chrysene	<0.03	<0.03	<0.04	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.05	<0.03	<0.03
Dibenzo (a,h) anthracene	<0.02	<0.02	<0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02
Fluoranthene	<0.02	<0.02	<0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02
Fluorene	<0.10	<0.12	<0.15	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10
Indeno (123-cd)pyrene	<0.02	<0.02	<0.03	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.02	<0.04	<0.02	<0.02
1-Methylnapthalene	<0.5	<0.6	<0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
2-Methylnapthalene	<0.5	<0.6	<0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
Naphthalene	<0.5	<0.6	<0.8	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0	<0.5	<0.5
Phenanthrene	<0.10	<0.12	<0.15	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10
Pyrene	<0.10	<0.12	<0.15	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.20	<0.10	<0.10

Table 11

Wisconsin Center District

SUMMARY OF VOC COMPOUNDS DETECTED IN GROUNDWATER

concentrations reported in micrograms/L

Well I.D.: Date Sampled:	ES	PAL	MW-1A 6/22/95	MW-1A 8/15/95	MW-1B 6/22/95	MW-1B 8/15/95	MW-2A 6/22/95	MW-2A 8/15/95	MW-3A 6/21/95	MW-3A 8/15/95	MW-3B 6/21/95	MW-3B 8/15/95	MW-4A 6/22/95	MW-4A 8/15/95	MW-5A 6/27/95	MW-5A 8/15/95	MW-5B 6/27/95	MW-5B 8/15/95	MW-6A 6/23/95
Compound																			
Benzene	5	0.5	<0.6	<0.6	<0.6	<0.6	<0.6	**0.6**	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
n-Butylbenzene	ns	ns	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	ns	ns	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ns	ns	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**	1.2	<1.0	<1.0	<1.0
Chloroform	6	0.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.6**	<1.0	<1.0
cis-1,2-Dichloroethene	70	7	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethyl Benzene	700	140	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	ns	ns	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	ns	ns	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl-tert-butyl-ether	60	12	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	40	8	<2.0	<1.0	<2.0	<1.0	**8.1**	**7.9**	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0
n-Propylbenzene	ns	ns	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	5	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**	**1.2**	**2.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	343	68.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	ns	ns	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	ns	ns	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	0.2	0.02	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes, m+p	620	124	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene, o	620	124	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

NOTES:

Results are presented only for those VOC compounds detected. All samples were analyzed for the complete Method 8260 analyte list.

Detection limits and complete laboratory results are presented in Appendix H.

ES (Enforcement Standard) and PAL (Preventive Action Limit) refer to NR 140 Groundwater Quality Standards, August 1995 revision.

NS means no standard has been adopted for this analyte.

Bold means the concentration exceeds the Enforcement Standard or Preventive Action Limit.

Table 11 (continued)
Wisconsin Center District
SUMMARY OF VOC COMPOUNDS DETECTED IN GROUNDWATER
concentrations reported in micrograms/L

Well I.D.: Date Sampled:	MW-6A 8/14/95	MW-7A 6/23/95	MW-7A 8/14/95	MW-8A 6/26/95	MW-8A 8/14/95	MW-8B 6/26/95	MW-8B 8/14/95	MW-9A 6/23/95	MW-9A 8/14/95	MW-9B 6/26/95	MW-9B 8/14/95	MW-10A 6/23/95	MW-10A 8/15/95	MW-11A 6/23/95	MW-11A 8/15/95	MW-11B 6/23/95	MW-11B 8/15/95	MW-12A 6/26/95	MW-12A 8/14/95
Compound																			
Benzene	<0.6	<0.6	<0.6	<0.6	0.7	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6
n-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<1.0	<1.0	<1.0	<1.0	<1.0	1.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethyl Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methyl-tert-butyl-ether	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	<1.0	<2.0	<1.0	<1.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0
n-Propylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.6	3.8	<1.0	<1.0	<1.0	<1.0
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylenes, m+p	<1.0	<1.0	<1.0	<1.0	1.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene, o	<1.0	<1.0	<1.0	<1.0	1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 11 (continued)
Wisconsin Center District
SUMMARY OF VOC COMPOUNDS DETECTED IN GROUNDWATER
concentrations reported in micrograms/L

Well I.D.: Date Sampled:	MW-13A 6/22/95	MW-13A 8/15/95	MW-14A 6/22/95	MW-14A 8/14/95	MW-15A 6/23/95	MW-15A 8/14/95	MW-16A 7/28/95	MW-16A 8/15/95	MW-17A 7/28/95	MW-17A 8/14/95	MW-18A 7/28/95	MW-18A 8/14/95	MW-19A 7/28/95	MW-19A 8/14/95	MW-20A 8/30/95	MW-20A 9/13/95	MW-21A 8/30/95	MW-21A 9/13/95
Compound																		
Benzene	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	<0.6	2.3	12	<0.6	<0.6	<0.6	<0.6
n-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.2	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.0	2.3	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	7.5	8.7
Ethyl Benzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.3	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.7	7.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	15	1.1	<1.0	2.6	3.2	<1.0	<1.0	<1.0	<1.0
Methyl-tert-butyl-ether	<1.0	<1.0	<1.0	1.1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	<2.0	<1.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	1.9	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	3.5	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	4.9	2.6	<1.0	<1.0	<1.0	<1.0
Toluene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	3.3	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	12	25	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.2	4.6	<1.0	<1.0	<1.0	<1.0
Vinyl Chloride	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	56	69
Xylenes, m+p	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	6.9	22	<1.0	<1.0	<1.0	<1.0
Xylene, o	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	2.8	<1.0	<1.0	<1.0	<1.0

Table 2
Summary of Groundwater Chemical Analysis Results
Volatile Organic Compounds
Wisconsin Center District - Milwaukee, Wisconsin

SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	TOTAL XYLENES (µg/L)	TRIMETHYL-BENZENES (µg/L)	ISOPROPYL-BENZENE (µg/L)	n-PROPYL-BENZENE (µg/L)	NAPHTHALENE (µg/L)	cis-1,2,-DI-CHLOROETHENE (µg/L)	trans-1,2,-DI-CHLOROETHENE (µg/L)	TETRACHLORO-ETHENE (µg/L)	TRICHLORO-ETHENE (µg/L)
MW-2A	6/22/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	8.1	< 1.0	< 1.0	< 1.0	< 1.0
	8/15/1995	0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	7.9	< 1.0	< 1.0	1.3	< 1.0
	3/5/1998	< 0.40	< 0.32	< 0.40	< 1.03	< 1.06	< 0.33	< 0.41	< 0.44	0.84 Q	0.59 Q	< 0.44	< 0.38
	8/18/2000	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	2.2	0.76 Q	< 0.41	0.72 Q
	1/9/2001	< 0.44	< 0.40	< 0.50	< 1.2	< 0.92	< 0.39	< 0.54	< 0.59	2.3	0.94 Q	< 0.41	0.71 Q
	4/10/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	1.5	< 0.64	< 0.41	< 0.49
	7/9/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	2.1	0.73 Q	< 0.41	< 0.49
	10/23/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	2.9	1.0 Q	< 0.41	< 0.49
	5/17/2006 (1)	< 0.41	< 0.67	< 0.54	< 2.63	< 1.8	< 0.59	< 0.81	< 0.74	1.3 Q	0.97 Q	< 0.45	< 0.48
MW-3A	6/21/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	1.2	< 1.0	1.2	< 1.0
	8/15/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	2	< 1.0
	3/5/1998	< 0.40	< 0.32	< 0.40	< 1.03	< 1.06	< 0.33	< 0.41	< 0.44	1.6	< 0.55	< 0.44	0.76 Q
	8/18/2000	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	0.86 Q	< 0.64	2	0.95 Q
	1/9/2001	< 0.44	< 0.40	< 0.50	< 1.2	< 0.92	< 0.39	< 0.54	< 0.59	0.95 Q	< 0.64	1.5	0.83 Q
	4/10/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	1.6	< 0.49
	7/9/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	0.94 Q	< 0.49
	10/23/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	0.94 Q	< 0.64	0.52 Q	0.51 Q
	5/17/2006	< 0.41	< 0.67	< 0.54	< 2.63	< 1.8	< 0.59	< 0.81	< 0.74	1.3 Q	< 0.89	< 0.45	< 0.48
MW-3B	6/21/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/15/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	3/5/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/18/2000	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	1/9/2001	< 0.44	< 0.40	< 0.50	< 1.2	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	4/10/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	7/9/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	10/23/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	5/17/2006 (2)	< 0.41	< 0.67	< 0.54	< 2.63	< 1.8	< 0.59	< 0.81	< 0.74	< 0.83	< 0.89	< 0.45	< 0.48
MW-4A	6/22/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/15/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	3/5/1998	< 0.40	< 0.32	< 0.40	< 1.03	< 1.06	< 0.33	< 0.41	< 0.44	< 0.47	< 0.55	< 0.44	< 0.38
	8/18/2000	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	1/9/2001	< 0.44	< 0.40	< 0.50	< 1.2	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	4/10/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	7/9/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	10/23/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	5/17/2006 (3)	< 0.41	< 0.67	< 0.54	< 2.63	< 1.8	< 0.59	< 0.81	< 0.74	< 0.83	< 0.89	< 0.45	< 0.48
PAL		**0.5**	**200**	**140**	**1,000**	**96**	**NE**	**NE**	**8**	**7**	**20**	**0.5**	**0.5**
ES		**5**	**1,000**	**700**	**10,000**	**480**	**NE**	**NE**	**40**	**70**	**100**	**5**	**5**

Table 2 (continued)
Summary of Groundwater Chemical Analysis Results
Volatile Organic Compounds
Wisconsin Center District - Milwaukee, Wisconsin

SAMPLE LOCATION	DATE	BENZENE (µg/L)	TOLUENE (µg/L)	ETHYL-BENZENE (µg/L)	TOTAL XYLENES (µg/L)	TRIMETHYL-BENZENES (µg/L)	ISOPROPYL-BENZENE (µg/L)	n-PROPYL-BENZENE (µg/L)	NAPHTHALENE (µg/L)	cis-1,2,-DI-CHLOROETHENE (µg/L)	trans-1,2,-DI-CHLOROETHENE (µg/L)	TETRACHLORO-ETHENE (µg/L)	TRICHLORO-ETHENE (µg/L)
MW-5A	6/27/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/15/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	3/5/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/18/2000	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	1/9/2001	< 0.44	< 0.40	< 0.50	< 1.2	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	4/10/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	7/9/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	10/23/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	5/17/2006	< 0.41	< 0.67	< 0.54	< 2.63	< 1.8	< 0.59	< 0.81	< 0.74	< 0.83	< 0.89	< 0.45	< 0.48
MW-5B	6/27/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0
	8/15/1995	< 0.6	< 1.0	< 1.0	< 2.0	< 2.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0	< 1.0
	3/5/1998	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
	8/18/2000	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	1/9/2001	< 0.44	< 0.40	< 0.50	< 1.2	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	4/10/2001	< 0.44	< 0.40	< 0.50	< 1.2	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	7/9/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	10/23/2001	< 0.44	< 0.40	< 0.50	< 1.31	< 0.92	< 0.39	< 0.54	< 0.59	< 0.46	< 0.64	< 0.41	< 0.49
	5/17/2006	< 0.41	< 0.67	< 0.54	< 2.63	< 1.8	< 0.59	< 0.81	< 0.74	< 0.83	< 0.89	< 0.45	< 0.48
PAL		**0.5**	**200**	**140**	**1,000**	**96**	**NE**	**NE**	**8**	**7**	**20**	**0.5**	**0.5**
ES		**5**	**1,000**	**700**	**10,000**	**480**	**NE**	**NE**	**40**	**70**	**100**	**5**	**5**

Notes:

PAL = NR 140 Preventive Action Limit.

ES = NR 140 Enforcement Standard.

µg/L = micrograms per liter.

NA = not analyzed.

NE = not established.

Q = analyte was detected at a concentration below the Limit of Quantation (LOQ).

[ ] indicates compound concentration exceeds the NR 140 Preventive Action Limit.

Of the VOC compounds analyzed for, only those reported in at least one sample are presented in this table.

(1) Also detected in this round was vinyl chloride at 1.1 µg/L.

(2) Also detected in this round was chloromethane at 0.40 Q µg/L.

(3) Also detected in this round was chloromethane at 0.50 Q µg/L.

Table 7 Wisconsin Center District

TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) RESULTS

(concentrations reported in mg/L)

CONSTITUENT	RCRA hazardous waste limit	Soil Boring I.D. and Depth				
		GP-11 0-7'	GP-17 0-7'	GP-22 0-7'	MW13A 0-11'	MW-15A 0-11'
TCLP Arsenic	5	<1.0	<1.0	<1.0	<1.0	<1.0
TCLP Barium	100	0.7	0.8	0.8	0.6	0.6
TCLP Cadmium	1	<0.1	<0.1	<0.1	<0.1	<0.1
TCLP Chromium	5	<0.2	<0.2	<0.2	<0.2	<0.2
TCLP Lead	5	<1.0	<1.0	<1.0	<1.0	<1.0
TCLP Mercury	0.2	<0.0	<0.1	<0.1	<0.1	<0.1
TCLP Selenium	0.7	<1.0	<1.0	<1.0	<1.0	<1.0
TCLP Silver	5	<0.1	<0.1	<0.1	<0.1	<0.1

Notes:
Results are presented for all TCLP testing conducted on soil samples.
Detection limits and complete laboratory results are presented in Appendix G.
Samples analyzed by the TCLP method were composite samples collected from along the depths indicated above for each boring.

Table 8
Wisconsin Center District
SUMMARY OF GRO, DRO, AND VOCs DETECTED IN SOIL

	GP-1 7-9'	GP-1 9-11'	GP-2 9-11'	GP-2 15-17'	GP-3 3-5'	GP-3 15-17'	GP-4 6-8'	GP-4 7-9'	GP-4 11-13'	GP-5 7-9'	GP-5 13-15'	GP-6 10-12'	GP-6 14-16'	GP-7 5-7'	GP-7 11-13'	GP-8 5-7'	GP-8 13-15'	GP-9 9-11'	GP-9 13-15'	GP-10 7-9'	GP-10 9-11'	GP-11 0-7'
PID READING (I.U.)	<4	<4	<4	<4	<1	<1	<2	<1	<1	3.8	<1	224	<2	<3	<2	4.5	<2	<3.2	<2	<1	<1	
GRO	<2.9	-	2.7	22	<2.8	-	<2.9	<2.9	-	<2.7	-	26	-	7.3	-	<2.7	-	-	-	<3.2	-	-
DRO	<4.9	-	<4.4	<6.4	<3.8	-	12	<3.8	-	<4.3	-	120	-	-	-	-	-	-	-	-	-	-
Benzene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
n-Butylbenzene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
sec-Butylbenzene	-	<25	-	81	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
tert-Butylbenzene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
1,4 Dichlorobenzene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
1,2 Dichloroethane	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
cis-1,2-Dichloroethene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
trans-1,2-Dichloroethene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
Ethyl Benzene	-	<25	-	40	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	33	<25	-
Isopropylbenzene	-	<25	-	44	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
p-Isopropyltoluene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
Methylene chloride	-	<25	-	<25	-	<25	-	-	32 B	-	<25	-	58 B	-	66 B	-	<25	<25	<25	-	<25	-
Naphthalene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	360	<25	-	<25	-
n-Propylbenzene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
Styrene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
Tetrachloroethene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
Toluene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	42	<25	-	<25	-
Trichloroethene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
Trichlorofluoromethane	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
1,2,4-Trimethylbenzene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	32	<25	-	<25	-
1,3,5-Trimethylbenzene	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
Vinyl Chloride	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	-	<25	-
Xylenes, m + p	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	61	<25	-
Xylene, o	-	<25	-	<25	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	35	<25	-	<25	-

NOTES:
VOC concentrations are reported in ppb; GRO and DRO concentrations are reported in ppm.
B Indicates compound was also detected in laboratory quality control sample.
- Indicates parameter not analyzed for in this sample.
BOLD indicates parameter present above detection level.
Of the VOC compounds analyzed for, only those detected in site soils are presented in this table. Complete laboratory results are presented in Appendix G.
I.U. = Instrument Units

Table 8 (continued)
Wisconsin Center District
SUMMARY OF GRO, DRO, AND VOCs DETECTED IN SOIL

	GP-11 3-5'	GP-11 9-11'	GP-12 7-9'	GP-12 13-15'	GP-13 9-11'	GP-13 11-13'	GP-14 8-10'	GP-14 12-14'	GP-15 9-11'	GP-15 13-15'	GP-16 5-7'	GP-16 7-9'	GP-16 11-13'	GP-17 0-7'	GP-17 9-11'	GP-17 17-19'	GP-18 2-4'	GP-18 12-14'	GP-19 9-11'	GP-19 11-13'	GP-20 3-5'	GP-20 9-11'
PID READING (I.U.)	10	<1	5	<2	5	<2	<2	<2	<1	2.6	<2	<2	<2		676	<3	25	<2	<1	<1	<1	<1
GRO	6.6	-	-	-	-	-	<2.9	-	3.0	-	<3.8	-	-	-	-	-	-	-	<3.2	-	<2.8	-
DRO	25	-	-	-	-	-	6.3	-	5.3	-	-	-	-	-	-	-	-	-	-	-	19	-
Benzene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	5200	<25	<25	<25	-	<25	-	<25
n-Butylbenzene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	840	<25	<25	<25	-	<25	-	<25
sec-Butylbenzene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
tert-Butylbenzene	-	<25	<25	<25	35	<25	-	<25	-	<25	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
1,4 Dichlorobenzene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
1,2 Dichloroethane	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	730	<25	<25	<25	-	<25	-	<25
cis-1,2-Dichloroethene	-	<25	240	<25	<25	<25	-	<25	-	2400	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
trans-1,2-Dichloroethene	-	<25	<25	<25	<25	<25	-	<25	-	180	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
Ethyl Benzene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	5600	<25	<25	<25	-	<25	-	<25
Isopropylbenzene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	520	<25	<25	<25	-	<25	-	<25
p-Isopropyltoluene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	470	<25	<25	<25	-	<25	-	<25
Methylene chloride	-	<25	66 B	67 B	67 B	62 B	-	64 B	-	<25	-	<25	57 B	-	<250	<25	59 B	30 B	-	<25	-	<25
Naphthalene	-	<25	84	<25	30	<25	-	<25	-	<25	-	<25	<25	-	3600	<25	<25	<25	-	<25	-	<25
n-Propylbenzene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	1400	<25	<25	<25	-	<25	-	<25
Styrene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
Tetrachloroethene	-	<25	6800	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	51
Toluene	-	<25	61	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	12000	<25	<25	<25	-	<25	-	<25
Trichloroethene	-	<25	170	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
Trichlorofluoromethane	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
1,2,4-Trimethylbenzene	-	<25	60	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	12000	<25	<25	<25	-	<25	-	<25
1,3,5-Trimethylbenzene	-	<25	<25	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	3700	<25	<25	<25	-	<25	-	<25
Vinyl Chloride	-	<25	<25	<25	<25	<25	-	<25	-	100	-	<25	<25	-	<250	<25	<25	<25	-	<25	-	<25
Xylenes, m + p	-	<25	93	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	20000	<25	<25	<25	-	<25	-	<25
Xylene, o	-	<25	63	<25	<25	<25	-	<25	-	<25	-	<25	<25	-	3500	<25	<25	<25	-	<25	-	<25

Table 8 (continued)
Wisconsin Center District
SUMMARY OF GRO, DRO, AND VOCs DETECTED IN SOIL

	GP-21 7-9'	GP-21 13-15'	GP-22 0-7'	GP-22 5-7'	GP-22 13-15'	GP-23 7-9'	GP-23 9-11'	GP-24 5-7'	GP-24 11-13'	GP-25 7-9'	GP-25 19-21'	GP-26 9-11'	GP-26 19-21'	GP-27 2-4'	GP-27 4-6'	GP-28 2-4'	GP-28 6-8'	GP-29 2-4'	GP-30 5-7'	GP-30 11-13'	GP-31 8-10'	GP-31 10-12'
PID READING (I.U.)	<1	<1	-	<1	<1	-	-	<1	<1	3.6	<1	<1	<1	<2	<2	<2	261	<2	<2	<2	<3	<3
GRO	<2.6	-	-	<2.8	-	<3.1	-	<2.9	-	3.6	-	<3.1	-	<2.8	-	-	-	-	<3.5	-	<2.8	<3.1
DRO	<4.1	-	-	5.5	-	22	-	<3.9	-	300	-	150	-	14	-	-	-	-	-	-	<3.8	<4.2
Benzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	430	-
n-Butylbenzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
sec-Butylbenzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
tert-Butylbenzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	5000	<25	-	<25	<25	-
1,4 Dichlorobenzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	34 B	38 B	79 B	37 B	-	<25	<25	-
1,2 Dichloroethane	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
cis-1,2-Dichloroethene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
trans-1,2-Dichloroethene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
Ethyl Benzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
Isopropylbenzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
p-Isopropyltoluene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
Methylene chloride	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	45 B	-
Naphthalene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	54	-
n-Propylbenzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
Styrene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	30	<25	-	<25	<25	-
Tetrachloroethene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	76	-
Toluene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	140	<25	-	<25	270	-
Trichloroethene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
Trichlorofluoromethane	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
1,2,4-Trimethylbenzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	67	-
1,3,5-Trimethylbenzene	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
Vinyl Chloride	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	<25	-
Xylenes, m + p	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	160	-
Xylene, o	-	<25	-	-	<25	-	<25	-	<25	-	<25	-	<25	-	<25	<25	<25	<25	-	<25	62	-

Table 8 (continued)
Wisconsin Center District
SUMMARY OF GRO, DRO, AND VOCs DETECTED IN SOIL

	GP-32 6-8'	GP-32 8-10'	GP-33 6-8'	GP-33 8-10'	GP-34 6-8'	GP-34 8-10'	GP-35 6-8'	GP-35 8-10'	GP-36 10-12'	GP-36 12-14'	GP-37 .5-10.5	GP-37 11-13'	GP-38 6-8'	GP-38 11-13'	GP-39 3-5'	GP-39 9-11'	GP-40 5-7'	GP-40 9-11'	GP-41 1-3'	GP-41 7-9'	GP-42 1-3'	GP-42 9-11'
PID READING (I.U.)	<3	<3	<3	<3	<3	<3	<3	<3	<3	72	3	1	<1	4	<2	48	<2	<2	<2	<2	<2	<2
GRO	-	-	-	-	-	-	-	-	<3.0	12	<3.1	-	<2.7	-	<3.9	-	<2.8	-	<3.0	-	<3.3	-
DRO	-	-	-	-	-	-	-	-	<4.1	<7.1	<4.3	-	<3.9	-	29	-	21	-	1100	-	120	-
Benzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	37	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	31	<25	<25	<25	<25	<25	160
sec-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	53	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,4 Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	260
1,2 Dichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	200	<25	4700	<25	<25	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	77	<25	<25	<25	<25	<25	<25	<25	<25
Ethyl Benzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	33	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	48	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
p-Isopropyltoluene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methylene chloride	64 B	130 B	41 B	180 B	63 B	56 B	100 B	63 B	72 B	43 B	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	42	<25	<25	<25	<25	<25	<25	<25	<25	<25	79	160	<25	<25	<25	<25	120	18000
n-Propylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	44	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Styrene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25	<25	<25	73	<25	150	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	52	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	120	<25	<25	<25	<25	150	<25
Trichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	340	<25	<25	<25	<25	<25	<25	<25	<25
Trichlorofluoromethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	36	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	180	<25	<25	<25	<25	88	340
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	63	<25	<25	<25	<25	<25	<25
Vinyl Chloride	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	110	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, m + p	<25	47	<25	<25	59	<25	<25	<25	<25	<25	<25	<25	<25	<25	47	170	<25	<25	<25	<25	140	<25
Xylene, o	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	93	<25	<25	<25	<25	89	<25

Table 8 (continued)
Wisconsin Center District
SUMMARY OF GRO, DRO, AND VOCs DETECTED IN SOIL

	MW-8A 1-3'	MW-8A 11-13'	MW-9B 6-8'	MW-9B 8.5-9.5	MW-12A 3.5-5.5'	MW-12A 8.5-10.5'	MW13A 0-11'	MW-13A 1-3'	MW-13A 8.5-10.5	MW-14A 1-3'	MW-14A 6-8'	MW-15A 0-11'	MW-20A 11-13'	MW-21A 3.5-5.5'
PID READING (I.U.)	<1	<1	<2	<2	<1	<1	-	0		<2			11	<1
GRO	<2.8	-	<2.6	-	<3.0	-	-	5.4	<2.9	<2.9	<2.9	-	<3.0	<2.9
DRO	<4.0	-	4.3	-	<8.4	-	-	23	<4.4	6.2	270	-	44	5.3
Benzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
sec-Butylbenzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
tert-Butylbenzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
1,4 Dichlorobenzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
1,2 Dichloroethane	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
Ethyl Benzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
p-Isopropyltoluene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	280	<25
Methylene chloride	<25	35 B	31 B	33 B	<25	<25	-	<25	<25	-	<25	-	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25	-	71	<25	-	130	-	<25	<25
n-Propylbenzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
Styrene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	430
Toluene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25.	-	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
Trichlorofluoromethane	<25	<25	65	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
Vinyl Chloride	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
Xylenes, m + p	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25
Xylene, o	<25	<25	<25	<25	<25	<25	-	<25	<25	-	<25	-	<25	<25

Table 5

Wisconsin Center District

SUMMARY OF GRO, DRO, AND VOC COMPUNDS DETECTED IN SOIL

Geoprobe I.D.	GP-101	GP-102	GP-103	GP-103	GP-104	GP-104	GP-105	GP-105	GP-106	GP-107	GP-108	GP-109	GP-109	GP-110	GP-111	GP-112	GP-112	GP-114	GP-115	GP-116	GP-116	GP-119	GP-121	GP-121	GP-122	GP-122
Depth Sampled, ft bgs	4-6'	2-4'	10-12'	12-14'	12-14'	14-16'	10-12'	12-14'	4-6'	2-4'	10-12'	10-12'	14-16'	6-8'	6-8'	12-14'	16-18'	2-4'	2-4'	8-10'	12-14'	8-10'	2-4'	8-10'	2-4'	8-10'
GRO	**4.0**	**3.5**	<2.9	-	<3.1	-	**4.5**	-	**2.8**	<2.8	**4.3**	**7.8**	-	<2.6	<2.7	<2.9	-	<2.5	<2.8	**34**	-	**18**	<2.8	-	<2.7	-
DRO	**19**	**9.0**	<5.4	-	**36**	-	**32**	-	**21**	**35**	**50**	**93**	-	<3.9	**26**	**77**	-	-	-	**41000**	-	**2400**	**17**	-	<2.8	-
Benzene	**210**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**84**	<25	<25	<25	<25	<25	<25	<25	**32**	<25	**210**	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	<25	<25	<25	**160**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethyl Benzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**71**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**45**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	**89**	<25	<25	**180**	<25	<25	**440**	<25	**3700**	**81**	<25	**500**	**190**	<25	<25	<25	<25	**63**	<25	**130**	<25	**1600**	**30**	<25	<25	<25
n-Propylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**45**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**430**	**95**	<25	**63**	<25	<25	<25	<25	**230**	<25	<25	**40**	<25	<25	<25
Toluene	**130**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**410**	**150**	<25	<25	<25	<25	<25	<25	**34**	<25	**38**	<25	<25	<25	<25
1,2,4-Trimethylbenzene	**62**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**350**	**140**	<25	<25	<25	<25	<25	<25	<25	<25	**70**	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**85**	**82**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, m + p	**130**	<25	<25	<25	<25	<25	**42**	<25	<25	<25	<25	**550**	**190**	<25	<25	<25	<25	<25	<25	<25	<25	**110**	<25	<25	<25	<25
Xylene, o	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**370**	**130**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25

Geoprobe I.D.	GP-123	GP-123	GP-124	GP-124	GP-125	GP-125	GP-126	GP-126	GP-127	GP-128	GP-129	GP-129	GP-130	GP-131	GP-132	GP-132	GP-133	GP-133	GP-134	GP-134	GP-135	GP-135	GP-136	GP-137	GP-139	GP-140
Depth Sampled, ft bgs	2-4'	8-10'	6-8'	8-10'	6-8'	8-10'	10-12'	14-16'	8-10'	8-10'	12-14'	14-16'	4-6'	8-10'	10-12'	14-16'	6-8'	8-10'	14-16'	16-18'	12-14'	14-16'	10-12'	4-6'	6-8'	10-12'
GRO	**16**	-	<3.0	-	<2.9	-	<2.9	-	-	<2.6	<3.0	-	<3.1	<2.8	<2.7	-	<2.7	-	<2.8	-	<3.3	-	**69**	<2.7	<2.6	<3.0
DRO	**260**	-	**15**	-	**13**	-	**7.6**	-	**22**	**41**	<4.7	-	**270**	**9.0**	**220**	-	**16**	-	**22**	-	**4400**	-	**110**	**15**	**30**	-
Benzene	<25	**35**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
n-Butylbenzene	**100**	**63**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
sec-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**160**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
tert-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**1100**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethyl Benzene	**35**	**41**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	**100**	**85**	**75**	**150**	<25	<25	**230**	<25	<25	<25	**200**	<25	**4400**	<25	**66**	**1700**	<25	**74**	<25	<25	<25	<25	**82**	<25	<25	<25
n-Propylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	**55**	<25	<25	<25	<25	**89**	<25	<25	<25	<25	<25	<25	**150**	<25	**99**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	**120**	**230**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**46**	<25	<25	**46**	<25	**48**	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	**310**	**200**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**73**	<25	<25	**1400**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	**330**	**250**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**810**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylenes, m + p	**300**	**370**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**77**	<25	<25	**110**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Xylene, o	**120**	**130**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	**57**	<25	<25	**57**	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25

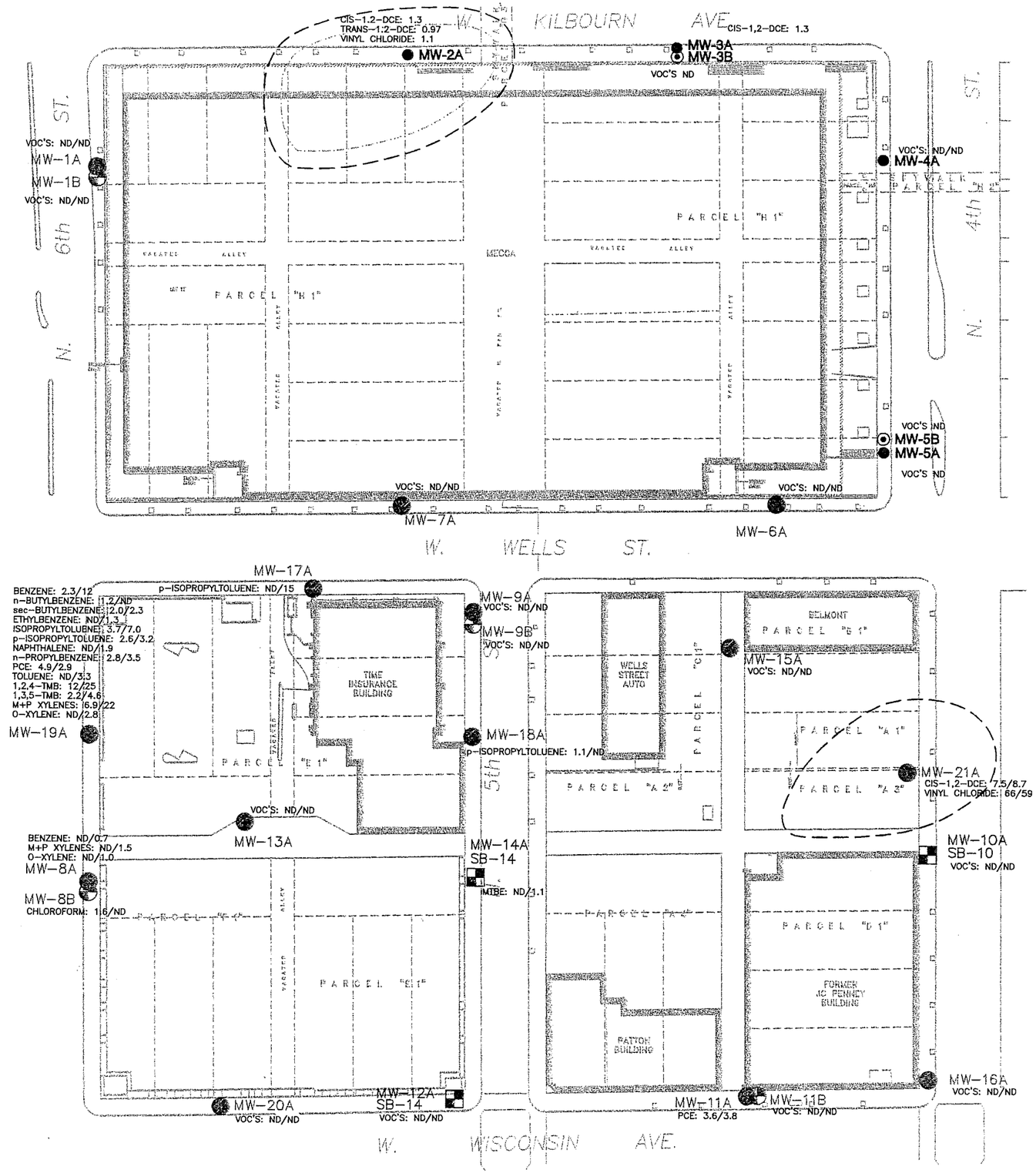
NOTES:

VOC concentrations are reported in ppb; GRO and DRO concentrations are reported in ppm.

BOLD Indicates parameter present above detection level.

- Indicates parameter was not analyzed for in this sample.

Of the VOC compounds analyzed for, only those detected in site soils are presented in this table. Complete Laboratory results are presented in Appendix B of this Addendum.



LEGEND

MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION/(ABANDONED)
MW-1B	PIEZOMETER AND DEEP BORING LOCATION/(ABANDONDED)
MW-1A	SHALLOW MONITORING WELL LOCATION/(ABANDONDED)
MW-2A	EXISTING SHALLOW MONITORING WELL
MW-5B	EXISTING PIEZOMETER
- - - -	APPROXIMATE EXTENT OF NR140 ES EXCEEDENCE FOR VINYL CHLORIDE
-·-·-·-	APPROXIMATE EXTENT OF NR140 ES EXCEEDENCE FOR BENZO(A)PYRENE

NOTES

1. ND = NOT DETECTED
   PCE = TETRACHLOROETHENE
   MTBE = METHYL-TERT-BUTYL-ETHER
   1,2,4-TMB = 1,2,4-TRIMETHYLBENZENE
   1,3,5-TMB = 1,3,5-TRIMETHYLBENZENE
   CIS-1,2-DCE = CIS-1,2-DICHLOROETHENE
   TRANS-1,2-DCE = TRANS-1,2-DICHLOROETHENE
2. RESULTS ARE REPORTED IN UNITS OF MICROGRAMS/L.
3. CONCENTRATION OF VOC'S IN THE ABANDONED WELLS FROM THE 1995 SITE INVESTIGATION.
4. CONCENTRATIONS OF VOC'S IN THE EXISTING MONITORING WELLS FROM MAY 2006.
5. THIS FIGURE INCLUDES ONLY THOSE COMPOUNDS THAT WERE REPORTED ABOVE DETECTION LIMITS IN EITHER OF THE 1995 SI OR THE MAY 2006 SAMPLING. IF NO VOC'S WERE DETECTED, THE RESULT IS REPORTED AS "ND". ALL SAMPLES WERE ANALYZED FOR THE COMPLETE METHOD 8260 ANALYTE LIST.
6. THE CONCENTRATION OF BENZO(A)PYRENE DETECTED IN MW-2A DURING THE 1995 SI WAS 3.42 MICROGRAMS/L.

PROJECT: **WISCONSIN CENTER DISTRICT MILWAUKEE, WISCONSIN**

SHEET TITLE: **DISTRIBUTIONS OF VOC'S IN GROUNDWATER**

DRAWN BY: METZA	SCALE: 1"=100'	PROJ. NO. 03398.07	
CHECKED BY: AAS		FILE NO. 33980701.DWG	
APPROVED BY: KDK	DATE PRINTED:	**FIGURE 1**	
DATE: JULY 2006			

RMT
744 Heartland Trail
Madison, WI 53717-1934
P.O. Box 8923 53708-8923
Phone: 608-831-4444
Fax: 608-831-3334

PLOT DATA
Drawing Name: J:\03398\07\33980701.DWG
Operator Name: metza
Scale: 1"=100'

Summary of Groundwater Elevation Data
Wisconsin Center District
Milwaukee, Wisconsin

SAMPLE LOCATION	GROUND SURFACE ELEVATION (ft, NGVD)	REFERENCE ELEVATION (ft, NGVD)	DATE	DEPTH TO WATER (ft)	GROUNDWATER ELEVATION (ft, NGVD)
MW-1A	595.5	595.13	6/21/1995	14.53	580.60
			7/14/1995	14.52	580.61
			8/14/1995	14.20	580.93
			9/5/1995	14.19	580.94
			3/13/1998	13.72	581.41
			Destroyed during construction activities		
MW-1B	595.5	595.13	6/21/1995	31.95	563.18
			7/14/1995	31.85	563.28
			8/14/1995	31.79	563.34
			9/5/1995	32.15	562.98
			3/13/1998	31.86	563.27
			Destroyed during construction activities		
MW-2A	593.9	593.58	6/21/1995	12.32	581.26
			7/14/1995	12.46	581.12
			8/14/1995	11.65	581.93
			9/5/1995	10.38	583.20
			3/13/1998	11.62	581.96
			8/18/2000	11.24	582.34
			1/9/2001	11.49	582.09
			4/10/2001	11.52	582.06
			7/9/2001	11.25	582.33
			10/23/2001	11.03	582.55
			5/17/2006	11.16	582.42
MW-3A	592.3	591.98	6/21/1995	11.60	580.38
			7/14/1995	11.65	580.33
			8/14/1995	11.30	580.68
			9/5/1995	11.25	580.73
			3/13/1998	11.22	580.76
			8/18/2000	11.08	580.90
			1/9/2001	11.32	580.66
			4/10/2001	11.27	580.71
			7/9/2001	11.11	580.87
			10/23/2001	10.71	581.27
			5/17/2006	11.16	580.82
MW-3B	592.2	591.88	6/21/1995	28.35	563.53
			7/14/1995	28.32	563.56
			8/14/1995	28.31	563.57
			9/5/1995	28.82	563.06
			3/13/1998	28.49	563.39
			8/18/2000	29.91	561.97
			1/9/2001	29.61	562.27
			4/10/2001	29.15	562.73
			7/9/2001	28.26	563.62
			10/23/2001	26.57	565.31
			5/17/2006	25.18	566.70

Summary of Groundwater Elevation Data (continued)
Wisconsin Center District
Milwaukee, Wisconsin

SAMPLE LOCATION	GROUND SURFACE ELEVATION (ft, NGVD)	REFERENCE ELEVATION (ft, NGVD)	DATE	DEPTH TO WATER (ft)	GROUNDWATER ELEVATION (ft, NGVD)
MW-4A	591.4	590.99	6/21/1995	12.40	578.59
			7/14/1995	12.49	578.50
			8/14/1995	12.29	578.70
			9/5/1995	12.13	578.86
			3/13/1998	12.01	578.98
			8/18/2000	11.69	579.30
			1/9/2001	12.82	578.17
			4/10/2001	12.12	578.87
			7/9/2001	11.64	579.35
			10/23/2001	11.48	579.51
			5/17/2006	11.46	579.53
MW-5A	591.5	591.01	6/21/1995	13.13	577.88
			7/14/1995	13.19	577.82
			8/14/1995	12.60	578.41
			9/5/1995	12.80	578.21
			3/13/1998	12.75	578.26
			8/18/2000	12.66	578.35
			1/9/2001	13.37	577.64
			4/10/2001	13.04	577.97
			7/9/2001	12.93	578.08
			10/23/2001	12.26	578.75
			5/17/2006	12.62	578.39
MW-5B	591.5	591.11	7/14/1995	27.89	563.22
			8/14/1995	26.95	564.16
			9/5/1995	27.45	563.66
			3/13/1998	26.73	564.38
			8/18/2000	28.86	562.25
			1/9/2001	28.33	562.78
			4/10/2001	28.09	563.02
			7/9/2001	27.32	563.79
			10/23/2001	25.86	565.25
			5/17/2006	24.51	566.60
MW-6A	592.4	591.92	6/21/1995	12.20	579.72
			7/14/1995	12.68	579.24
			8/14/1995	11.35	580.57
			9/5/1995	11.81	580.11
			3/13/1998	11.30	580.62
			Destroyed during construction activities		
MW-7A	593.9	593.42	6/21/1995	12.32	581.10
			7/14/1995	13.22	580.20
			8/14/1995	12.59	580.83
			9/5/1995	12.66	580.76
			3/13/1998	12.43	580.99
			Destroyed during construction activities		

Summary of Groundwater Elevation Data (continued)
Wisconsin Center District
Milwaukee, Wisconsin

SAMPLE LOCATION	GROUND SURFACE ELEVATION (ft, NGVD)	REFERENCE ELEVATION (ft, NGVD)	DATE	DEPTH TO WATER (ft)	GROUNDWATER ELEVATION (ft, NGVD)
MW-8A	603.6	603.14	6/21/1995	13.06	590.08
			7/14/1995	13.01	590.13
			8/14/1995	13.20	589.94
			9/5/1995	13.18	589.96
			3/13/1998	13.13	590.01
			Abandoned 04/08/1998		
MW-8B	603.7	603.28	7/14/1995	18.14	585.14
			8/14/1995	18.06	585.22
			9/5/1995	17.75	585.53
			3/13/1998	19.51	583.77
			Abandoned 04/09/1998		
MW-9A	593.1	592.63	6/21/1995	11.13	581.50
			7/14/1995	14.00	578.63
			8/14/1995	10.98	581.65
			9/5/1995	11.00	581.63
			Destroyed during construction activities		
MW-9B	593.0	592.71	6/21/1995	27.02	565.69
			7/14/1995	29.00	563.71
			8/14/1995	29.14	563.57
			9/5/1995	29.48	563.23
			Destroyed during construction activities		
MW-10A	593.3	593.02	6/21/1995	17.15	575.87
			7/14/1995	17.37	575.65
			8/14/1995	17.00	576.02
			9/5/1995	14.30	578.72
			3/13/1998	11.91	581.11
			Abandoned 04/09/1998		
MW-11A	596.0	595.65	6/21/1995	10.27	585.38
			7/14/1995	10.51	585.14
			8/14/1995	10.46	585.19
			9/5/1995	9.25	586.40
			3/13/1998	9.84	585.81
			Abandoned 04/09/1998		
MW-11B	596.0	595.58	6/21/1995	13.75	581.83
			7/14/1995	13.44	582.14
			8/14/1995	13.40	582.18
			9/5/1995	14.43	581.15
			3/13/1998	12.85	582.73
			Abandoned 04/09/1998		
MW-12A	601.8	601.43	6/21/1995	11.95	589.48
			7/14/1995	12.00	589.43
			8/14/1995	9.86	591.57
			9/5/1995	9.81	591.62
			3/13/1998	8.95	592.48
			Abandoned 04/09/1998		

Summary of Groundwater Elevation Data (continued)
Wisconsin Center District
Milwaukee, Wisconsin

SAMPLE LOCATION	GROUND SURFACE ELEVATION (ft, NGVD)	REFERENCE ELEVATION (ft, NGVD)	DATE	DEPTH TO WATER (ft)	GROUNDWATER ELEVATION (ft, NGVD)
MW-13A	600.4	599.98	6/21/1995	11.12	588.86
			7/14/1995	11.25	588.73
			8/14/1995	11.29	588.69
			9/5/1995	11.15	588.83
			Destroyed during construction activities		
MW-14A	597.3	596.76	6/21/1995	10.78	585.98
			7/14/1995	14.09	582.67
			8/14/1995	10.71	586.05
			9/5/1995	10.59	586.17
			Destroyed during construction activities		
MW-15A	590.5	589.97	6/21/1995	7.73	582.24
			7/14/1995	7.75	582.22
			8/14/1995	7.70	582.27
			9/5/1995	7.45	582.52
			Destroyed during construction activities		
MW-16A	594.1	593.83	8/14/1995	10.59	583.24
			9/5/1995	9.40	584.43
			3/13/1998	9.01	584.82
			Abandoned 04/09/1998		
MW-17A	594.7	594.42	8/14/1995	12.49	581.93
			9/5/1995	12.34	582.08
			Abandoned 09/25/1996		
MW-18A	595.3	594.99	8/14/1995	13.90	581.09
			9/5/1995	13.71	581.28
			Destroyed during construction activities		
MW-19A	599.5	599.19	8/14/1995	15.50	583.69
			9/5/1995	15.39	583.80
			3/13/1998	15.73	583.46
			Abandoned 04/09/1998		
MW-20A	607.4	607.00	8/30/1995	17.09	589.91
			9/5/1995	17.15	589.85
			9/13/1995	17.13	589.87
			3/13/1998	11.99	595.01
			Abandoned 04/09/1998		
MW-21A	593.2	592.75	8/30/1995	14.41	578.34
			9/5/1995	14.85	577.90
			9/13/1995	14.96	577.79
			Destroyed during construction activities		

TABLE 1

WISCONSIN CENTER DISTRICT
MONITORING WELL CONSTRUCTION INFORMATION

Well I.D.	Site Grid Coordinates (ft)		Top of Casing Reference Elevation (ft NGVD)	Ground Surface Elevation (ft NGVD)	Date Installed	Well Intake Elevation Including Filter Pack (ft NGVD)		Screen Length (ft)	Groundwater Parameters Analyzed			
	North	East				Top	Bottom		PAHs	VOCs	PCBs	Metals
MW-1A	1797.0	996.5	595.13	595.5	6/1/95	592.5	573.0	15	X	X		✓
MW-1B	1793.1	996.6	595.13	595.5	5/31/95	544.5	534.5	5	✓	X		
MW-2A	1896.0	1222.7	593.58	593.9	6/7/95	590.9	571.4	15	X	X	✓	✓
MW-3A	1900.1	1500.5	591.98	592.3	6/9/95	589.3	569.8	15	X	X		✓
MW-3B	1899.8	1497.0	591.88	592.2	6/16/95	541.2	530.2	5	✓	X		
MW-4A	1809.4	1669.6	590.99	591.4	6/12/95	588.4	568.9	15	X	X		✓
MW-5A	1576.8	1670.9	591.01	591.5	6/13/95	588.5	569.0	15	X	X	✓	✓
MW-5B	1581.0	1670.7	591.11	591.5	6/22/95	540.5	530.5	5	✓	X		
MW-6A	1521.0	1580.4	591.92	592.4	6/6/95	589.4	569.9	15	X	X		✓
MW-7A	1515.2	1253.7	593.42	593.9	6/13/95	590.9	571.4	15	X	X		✓
MW-8A	1189.6	998.1	603.14	603.6	6/7/95	600.6	581.1	15	X	X		✓
MW-8B	1185.5	1000.4	603.28	603.7	6/23/95	552.7	542.7	5	✓	X		
MW-9A	1416.5	1318.2	592.63	593.1	6/1/95	590.1	570.1	15	X	X	✓	✓
MW-9B	1411.6	1318.5	592.71	593.0	6/15/95	539.0	530.0	5	✓	X		
MW-10A[1]	1193.0	1716.2	593.02	593.3	6/12/95	590.3	570.8	15	X	X	✓	✓

NOTES:

NGVD National Geodetic Vertical Datum

Site horizontal datum of Northing: 1001.0, Easting: 1001.0 is located at the 5-foot west and the 5-foot south off-sets of the northeast quadrant of the intersection of North 6th Street and West Wisconsin Avenue.

✓ Indicates that one round of data was collected.

X Indicates that two rounds of data were collected.

1 Deep borings SB-10, SB-12, and SB-14 were installed immediately adjacent to those monitoring wells to a depth of about 60 feet below ground surface in order to provide additional information on site stratigraphy.

2 Indicates that the wells were installed subsequent to the initial fieldwork.

TABLE 1 (CONTINUED)

WISCONSIN CENTER DISTRICT
MONITORING WELL CONSTRUCTION INFORMATION

Well I.D.	Site Grid Coordinates (ft)		Top of Casing Reference Elevation (ft NGVD)	Ground Surface Elevation (ft NGVD)	Date Installed	Well Intake Elevation Including Filter Pack (ft NGVD)		Screen Length (ft)	Groundwater Parameters Analyzed			
	North	East				Top	Bottom		PAHs	VOCs	PCBs	Metals
MW-11A	1011.3	1564.3	595.65	596.0	6/6/95	593.0	573.5	15	X	X		✓
MW-11B	1008.9	1566.0	595.58	596.0	6/14/95	545.0	534.0	5	✓	X		
MW-12A[1]	1008.0	1304.5	601.43	601.8	6/5/95	598.8	579.3	15	X	X	✓	✓
MW-13A	1242.7	1119.6	599.98	600.4	6/7/95	597.4	577.9	15	X	X		✓
MW-14A[1]	1209.7	1319.8	596.76	597.3	6/6/95	594.3	574.8	15	X	X		✓
MW-15A	1406.0	1542.7	589.97	590.5	6/5/95	587.5	568.0	15	X	X		✓
MW-16A[2]	1037.2	1713.2	593.83	594.1	7/27/95	588.1	574.1	10	X	X		✓
MW-17A[2]	1441.3	1168.3	594.42	594.7	7/27/95	588.7	572.2	10	X	X		✓
MW-18A[2]	1313.1	1318.6	594.99	595.3	7/27/95	592.3	572.8	15	X	X		✓
MW-19A[2]	1344.6	995.6	599.19	599.5	7/27/95	596.5	577.0	15	X	X		✓
MW-20A[2]	1001.6	1106.7	607.00	607.4	8/29/95	604.4	585.4	15	X	X		
MW-21A[2]	1272.0	1703.9	592.75	593.2	8/29/95	590.2	571.2	15	X	X		

NOTES:

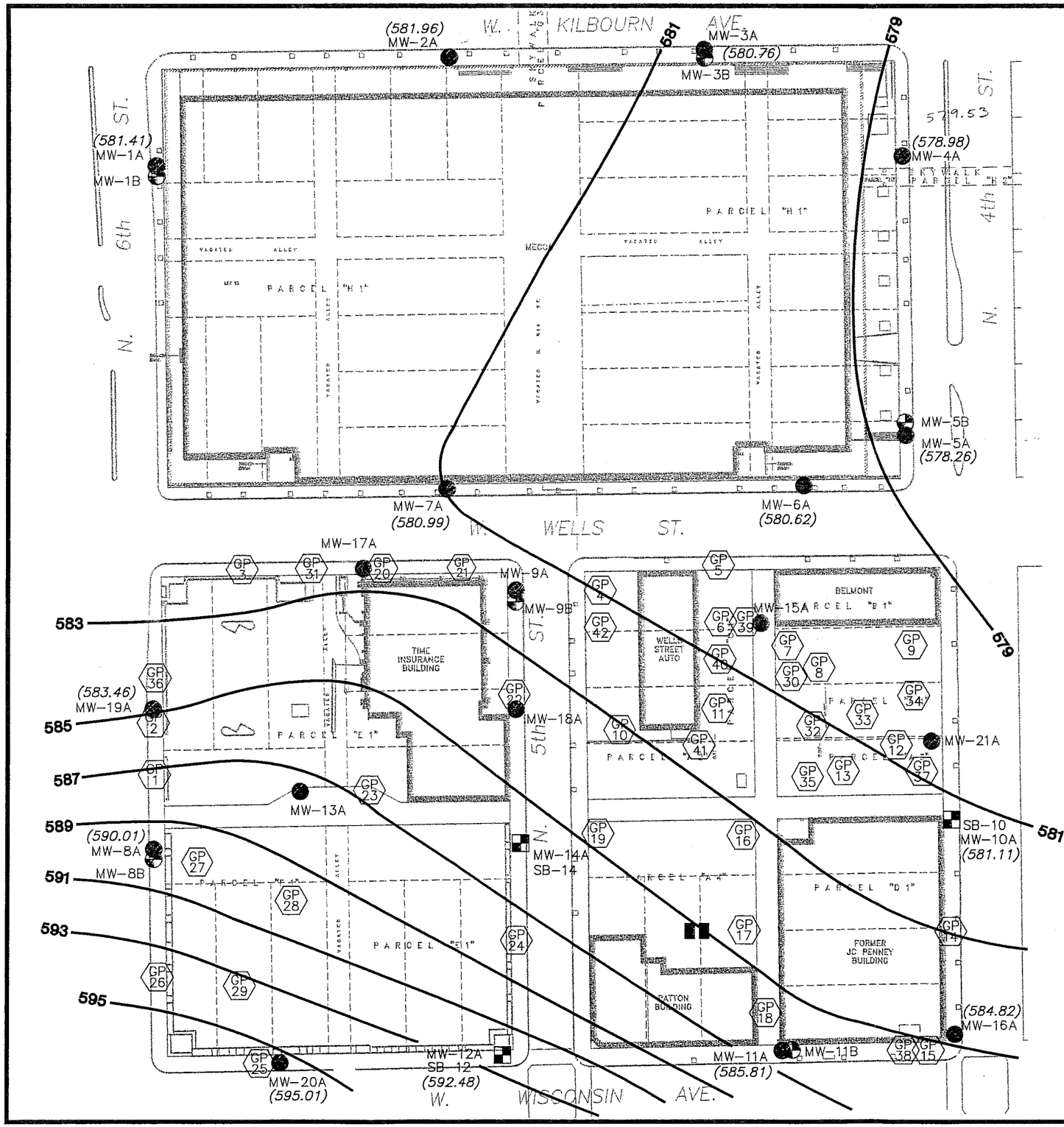
NGVD = National Geodetic Vertical Datum
Site horizontal datum of Northing: 1001.0, Easting: 1001.0 is located at the 5-foot west and the 5-foot south off-sets of the northeast quadrant of the intersection of North 6th Street and West Wisconsin Avenue.

✓ Indicates that one round of data was colleted.

X Indicates that two rounds of data were collected.

1 Deep borings SB-10, SB-12, and SB-14 were installed immediately adjacent to those monitoring wells to a depth of about 60 feet below ground surface in order to provide additional information on site stratigraphy.

2 Indicates that the wells were installed subsequent to the initial fieldwork.



LEGEND

MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION
MW-1B SB-1	PIEZOMETER AND DEEP BORING LOCATION
(581.41)	GROUNDWATER ELEVATION
581	GROUNDWATER ELEVATION CONTOUR INTERVAL = 2.0 FEET
MW-1A	SHALLOW MONITORING WELL LOCATION
GP X	GEOPROBE OR SOIL BORING LOCATION
	APPROXIMATE LOCATION OF UST REMOVAL

N

0 100 200

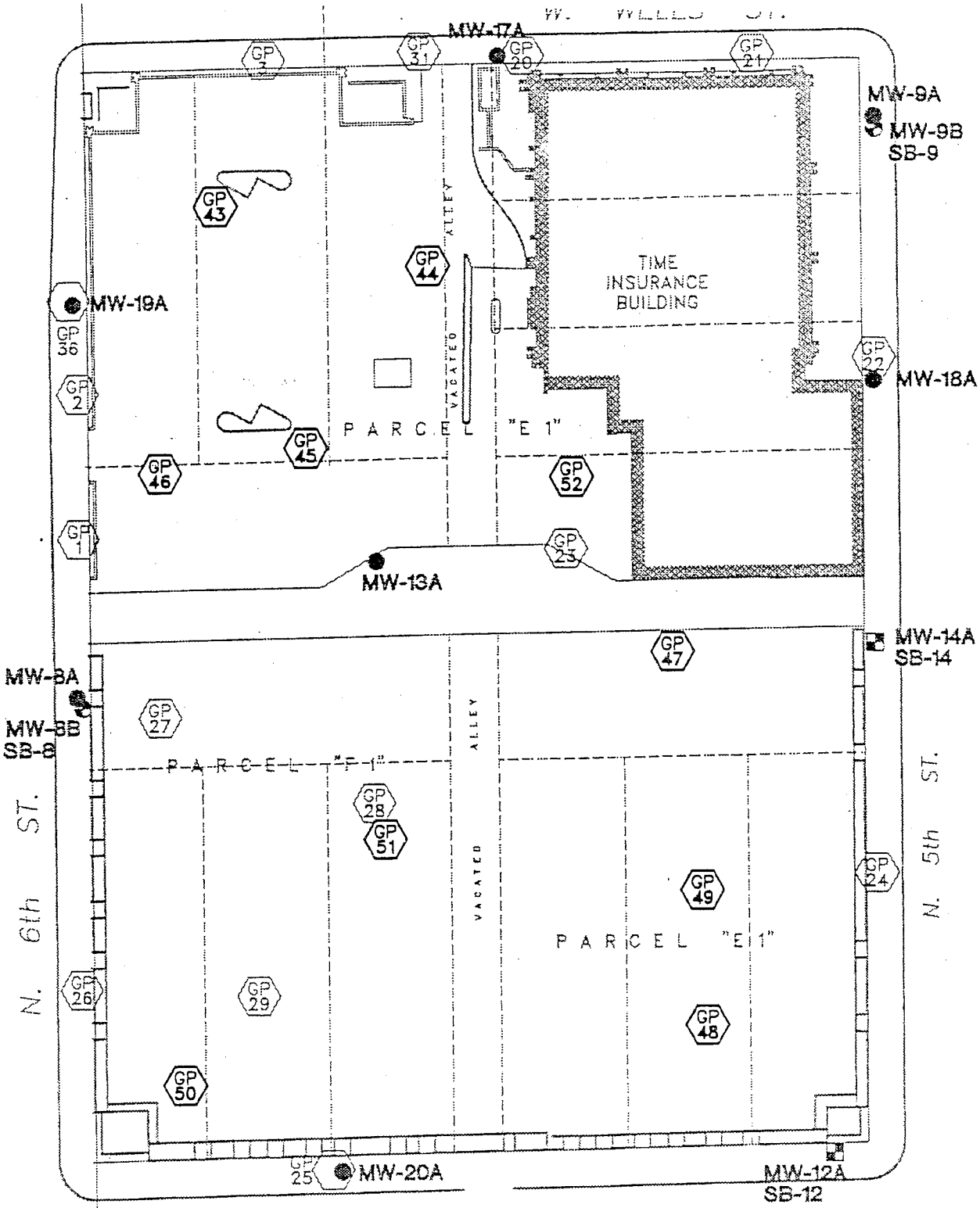
SCALE: 1"=100'

WATER TABLE MAP
MARCH 13, 1998
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

RMT INC.

DWN. BY:	DSS
APPROVED BY:	
DATE:	APRIL 1998
PROJ. #	3398.04
FILE #	33980404

FIGURE 3



LEGEND

GP X	GEOPROBE OR SOIL BORING LOCATION. BOLD INDICATES INSTALLATION IN DECEMBER 1995.
MW-1A	SHALLOW MONITORING WELL LOCATION
MW-1B	PIEZOMETER AND DEEP BORING LOCATION
MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION

SCALE: 1"=60'

INVESTIGATIVE LOCATIONS DECEMBER 1995 WEST BLOCK WISCONSIN CENTER DISTRICT MILWAUKEE, WISCONSIN

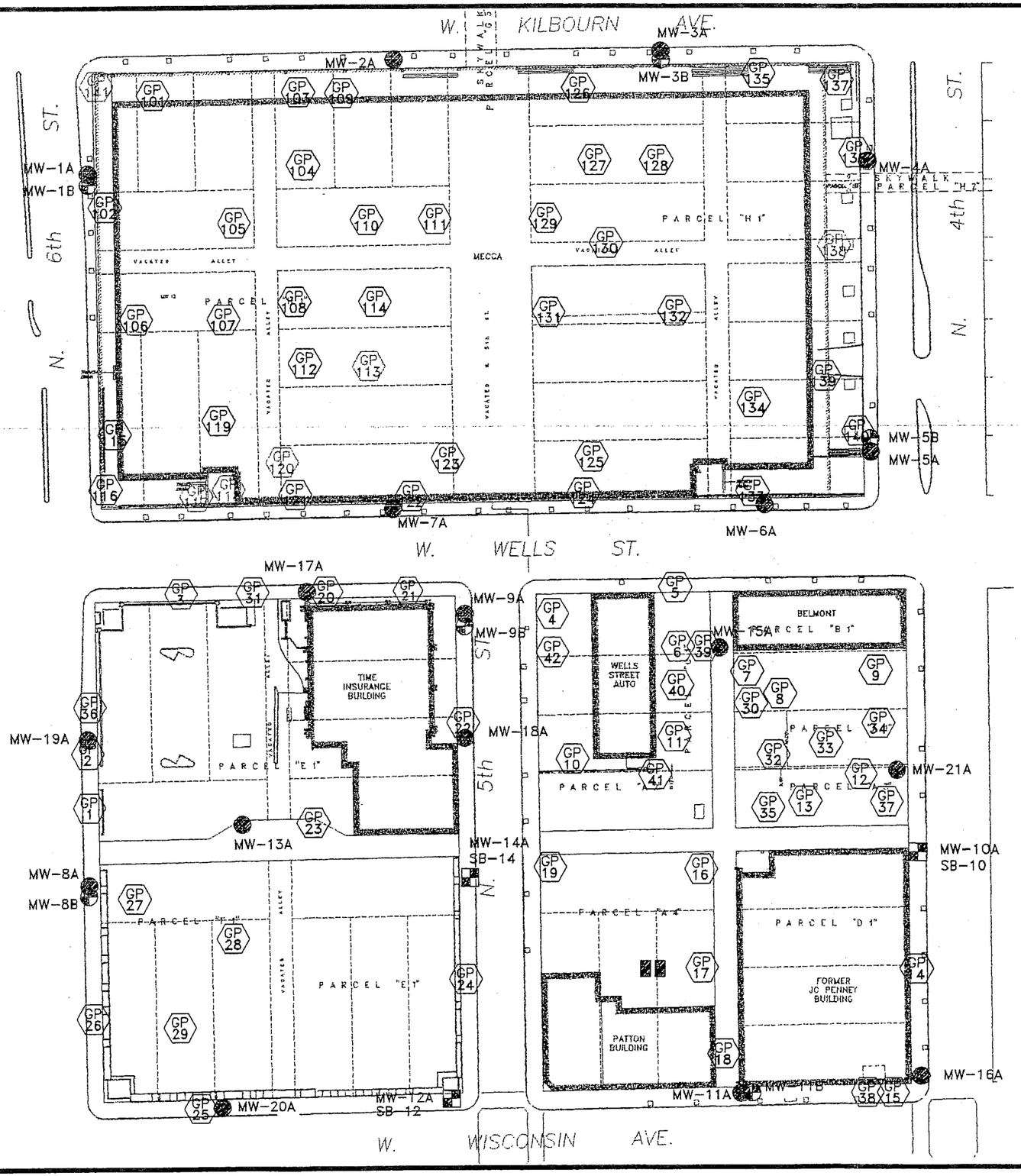
RMT INC.

DWN. BY:	JRW
APPROVED BY:	KDK
DATE:	MARCH 1996
PROJ. #	3398.01
FILE #	33980192.DWG

FIGURE 2

Dwg Size: 119847 Bytes
Plot Date: Monday, March 11, 1996
Plot Time: 11:41:58 AM
Attached Xref's: No xref's Attached.

Drawing Name: J:\03398\01\33980192.DWG
Operator Name: JRW
Scale: 1"=60'



LEGEND

MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION
MW-1B SB-1	PIEZOMETER AND DEEP BORING LOCATION
MW-1A	SHALLOW MONITORING WELL LOCATION
GP X	GEOPROBE OR SOIL BORING LOCATION
GP X	BORING NOT COMPLETED DUE TO UTILITY CONFLICT OR BORING REFUSAL
	APPROXIMATE LOCATION OF UST REMOVAL

N

0 100 200

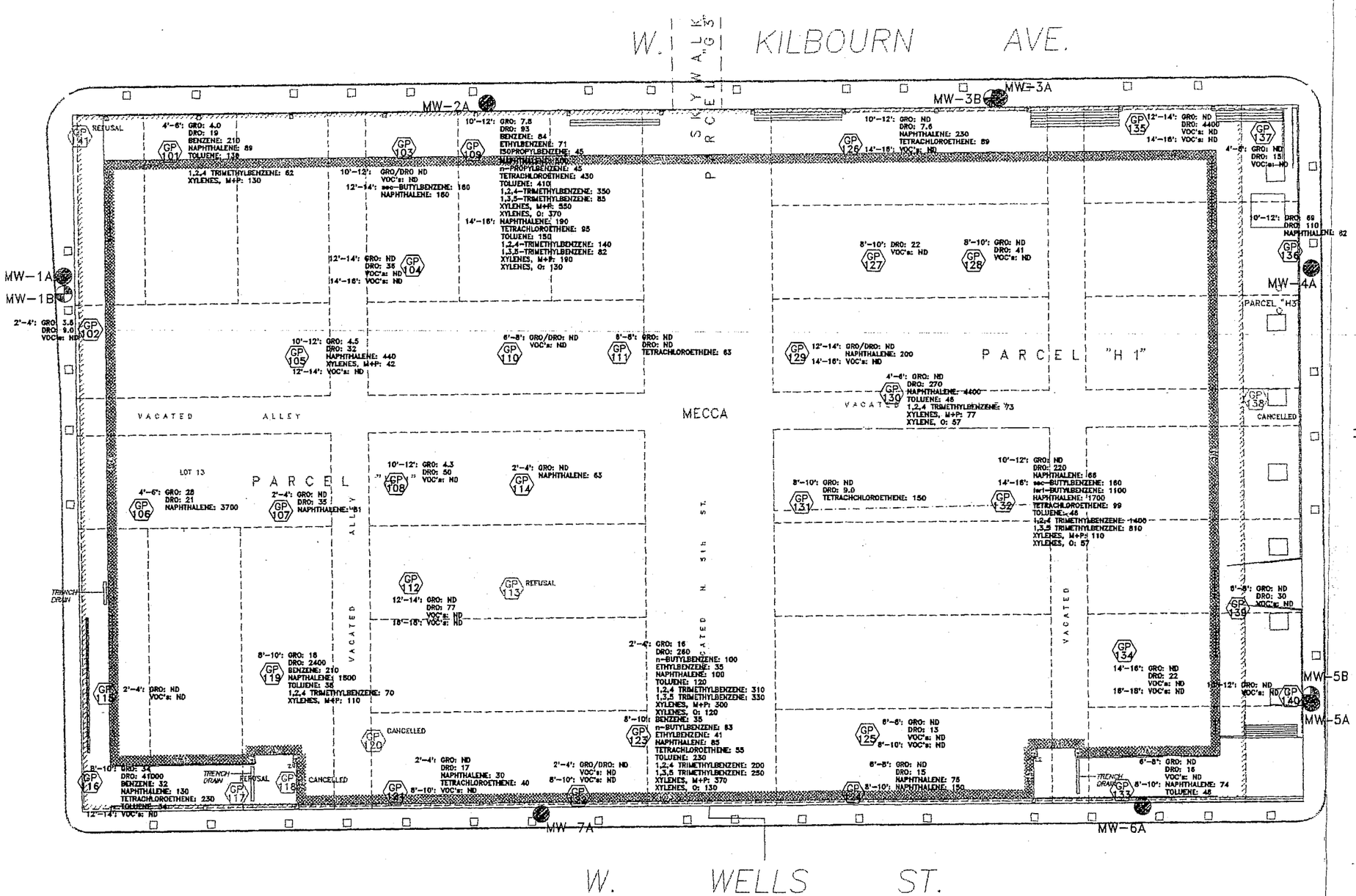
SCALE: 1"=100'

SITE BASE MAP AND MONITORING WELL AND BORING LOCATIONS
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

RMT INC.

DWN. BY:	RPR
APPROVED BY:	KDK
DATE:	DECEMBER 1995
PROJ. #	3398.01
FILE #	33980177

FIGURE 3



LEGEND

MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION
MW-1B	PIEZOMETER AND DEEP BORING LOCATION
MW-1A	SHALLOW MONITORING WELL LOCATION
GP 34	GEOPROBE OR SOIL BORING LOCATION
GP 38	BORING NOT COMPLETED DUE TO UTILITY CONFLICT OR BORING REFUSAL

NOTES

GRO = GASOLINE RANGE ORGANICS (MG/KG)
DRO = DIESEL RANGE ORGANICS (MG/KG)
VOC's = VOLATILE ORGANIC COMPOUNDS (uG/KG)

N

0 60 120

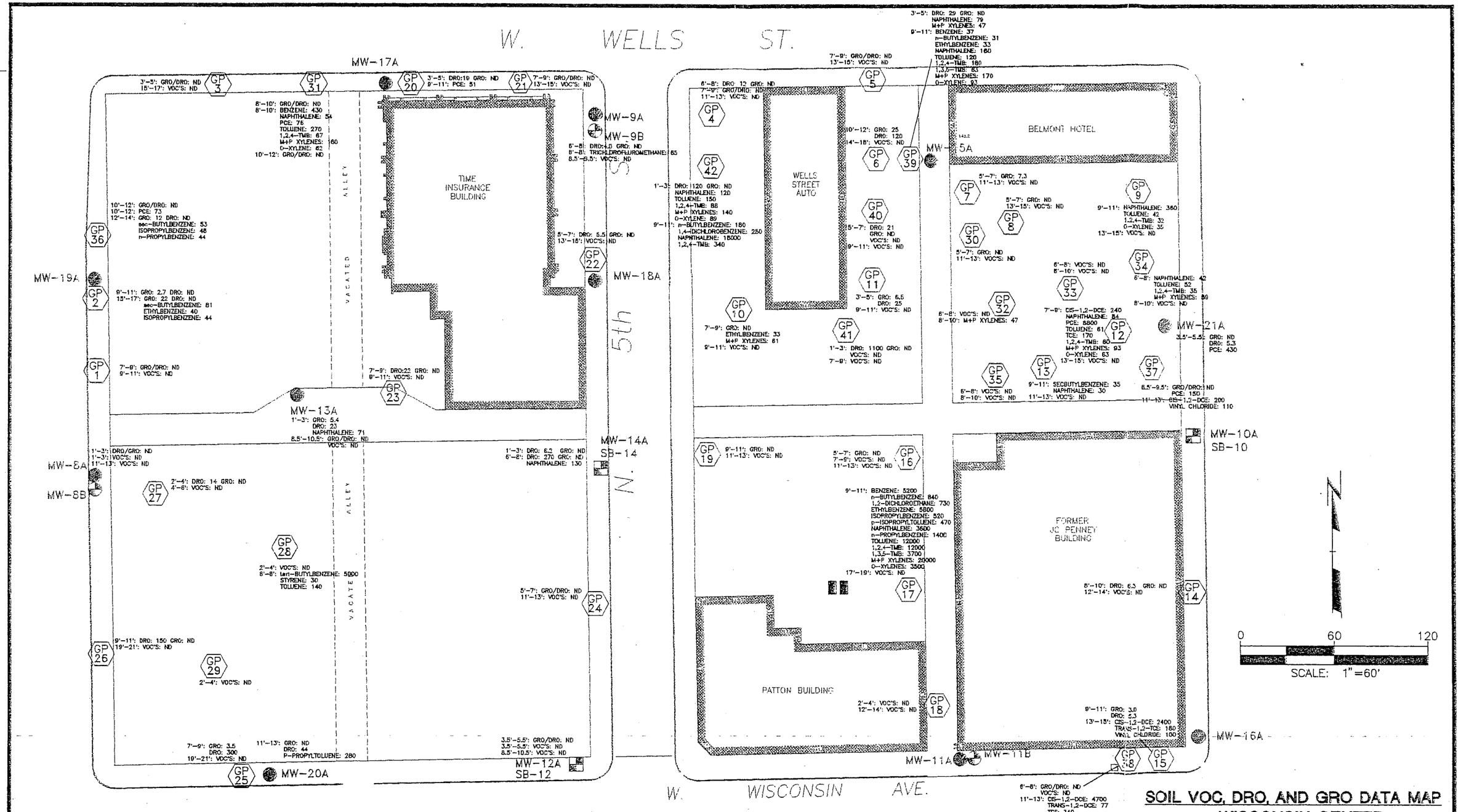
SCALE: 1"=60'

SOIL VOC, GRO, AND DRO DATA MAP
NORTH BLOCK
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

RMT INC.

DWN. BY:	RPR
APPROVED BY:	KDK
DATE:	DECEMBER 1995
PROJ. #	3398.01
FILE #	33980175

FIGURE 6



LEGEND

MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION	MW-1A	SHALLOW MONITORING WELL LOCATION
MW-1B	PIEZOMETER AND DEEP BORING LOCATION	GP X	GEOPROBE OR SOIL BORING LOCATION
			APPROXIMATE LOCATION OF UST REMOVAL

NOTES

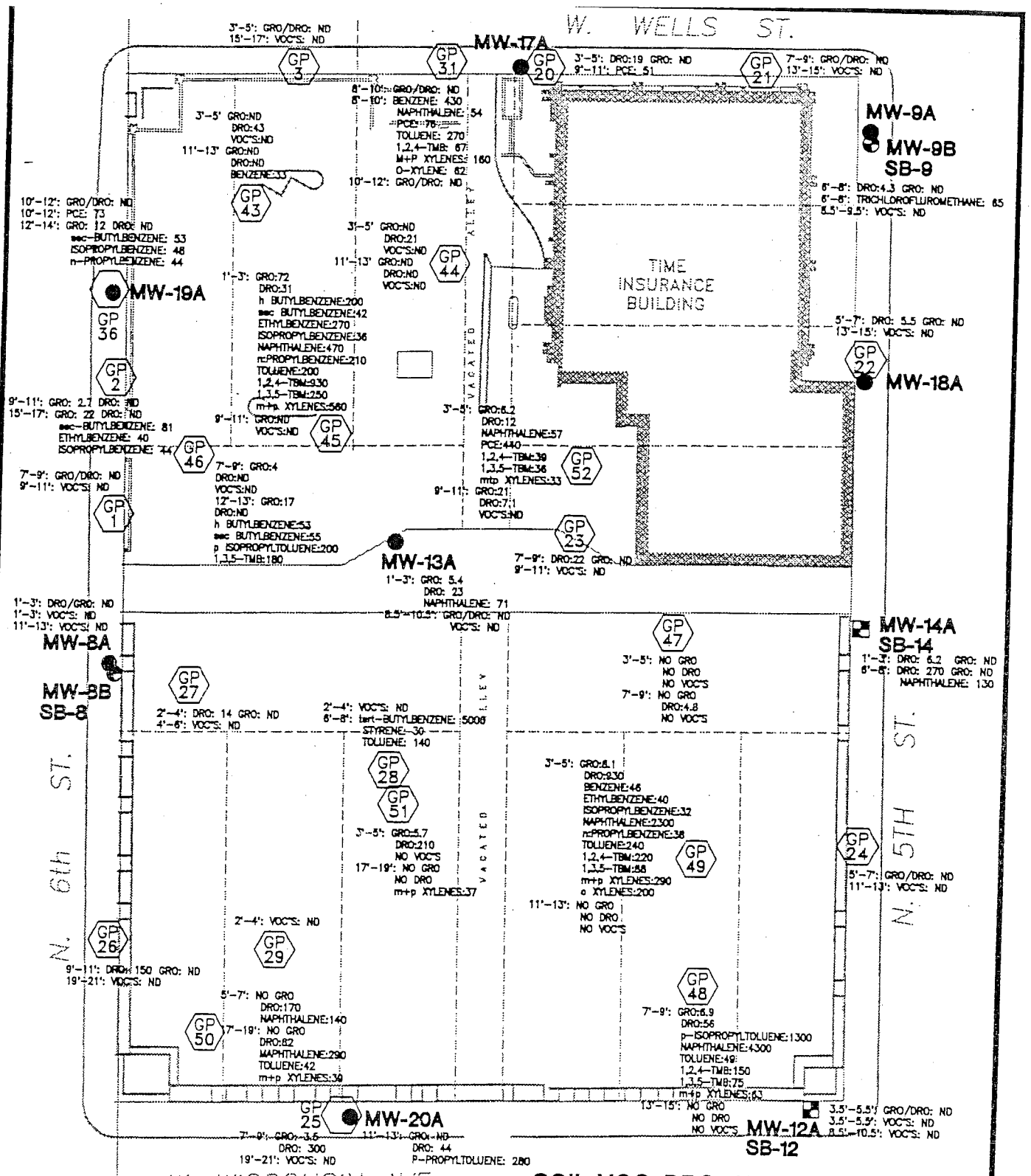
1. THIS FIGURE INCLUDES ONLY THOSE PARAMETERS THAT WERE DETECTED IN EACH SAMPLE INTERVAL. IF NO VOC'S, GRO, OR DRO WERE DETECTED, THEN THE RESULT IS REPORTED AT "ND". IF THE SAMPLE WAS NOT ANALYZED FOR VOC'S, GRO, OR DRO, NO RESULTS ARE GIVEN.
2. ND = NOT DETECTED
   PCE = TETRACHLOROETHENE
   DCE = DICHLOROETHENE
   TCE = TRICHLOROETHENE
   TMB = TRIMETHYLBENZENE
   DRO = DIESEL RANGE ORGANICS
   GRO = GASOLINE RANGE ORGANICS
3. GRO AND DRO DATA PRESENTED IN mg/Kg. VOC DATA PRESENTED IN MICROGRAM/Kg.

SOIL VOC, DRO, AND GRO DATA MAP
WISCONSIN CENTER
MILWAUKEE, WISCONSIN

RMT INC.

DWN. BY:	RPR
APPROVED BY:	MBG
DATE:	SEPTEMBER 1995
PROJ. #	3398.01
FILE #	33980170

FIGURE 9



SOIL VOC, DRO, AND GRO DATA MAP
DECEMBER 1995 WEST BLOCK
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

LEGEND

GP X	GEOPROBE OR SOIL BORING LOCATION
MW-1A	SHALLOW MONITORING WELL LOCATION
MW-1B	PIEZOMETER AND DEEP BORING LOCATION
MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION

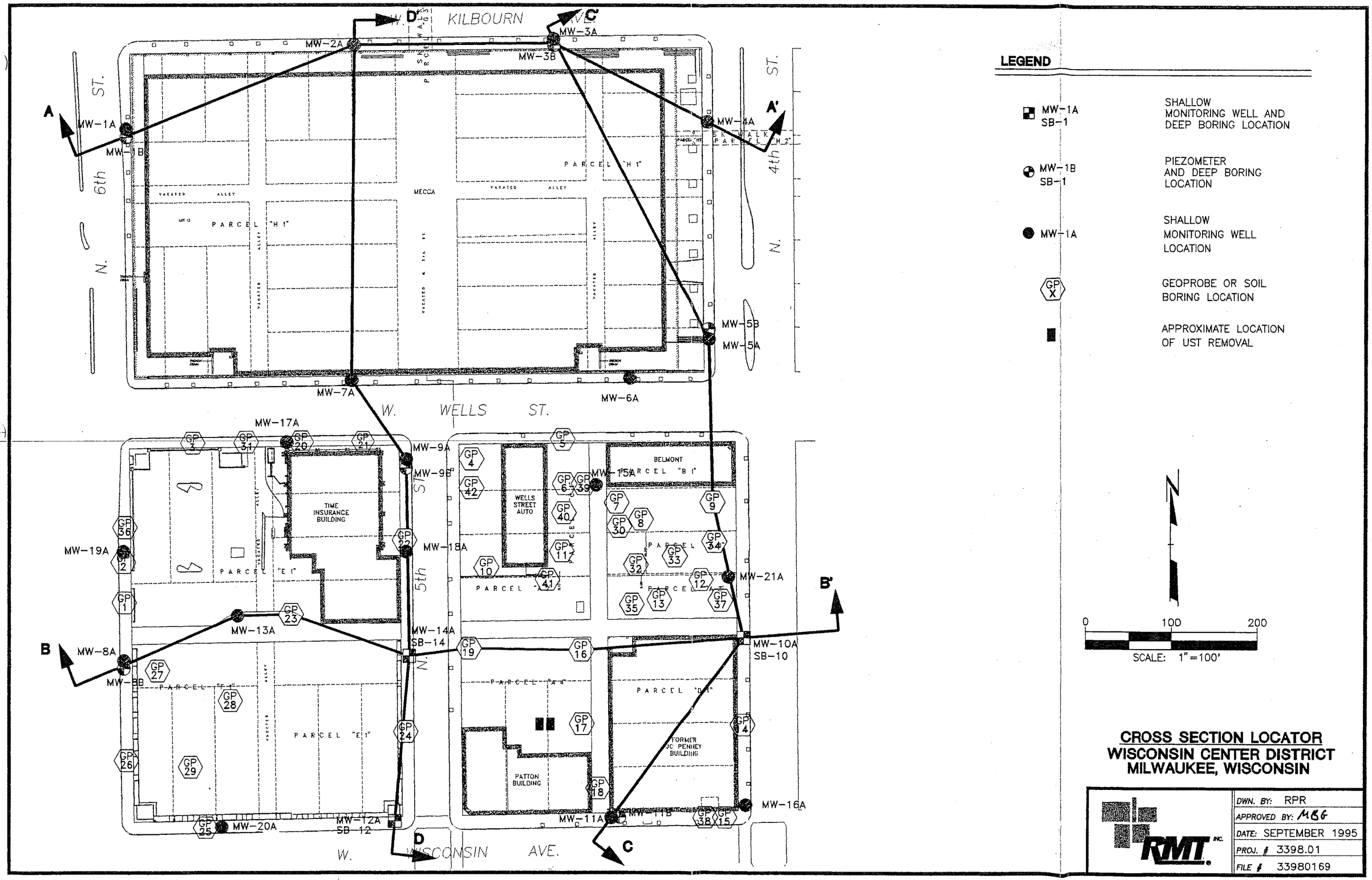
0 30 60
SCALE: 1"=60'

RMT INC.

DWN. BY:	JRW
APPROVED BY:	KDK
DATE:	MARCH 1996
PROJ. #	3398.01
FILE #	33980193.DWG

FIGURE 3

Drawing Name: J:\3398\01\33980193.DWG Plot Date: Monday, March 11, 1996
Operator Name: JRW Plot Time: 11:45.3981 AM
Scale: 1"=60' Attached Xref's: No xref's Attached.

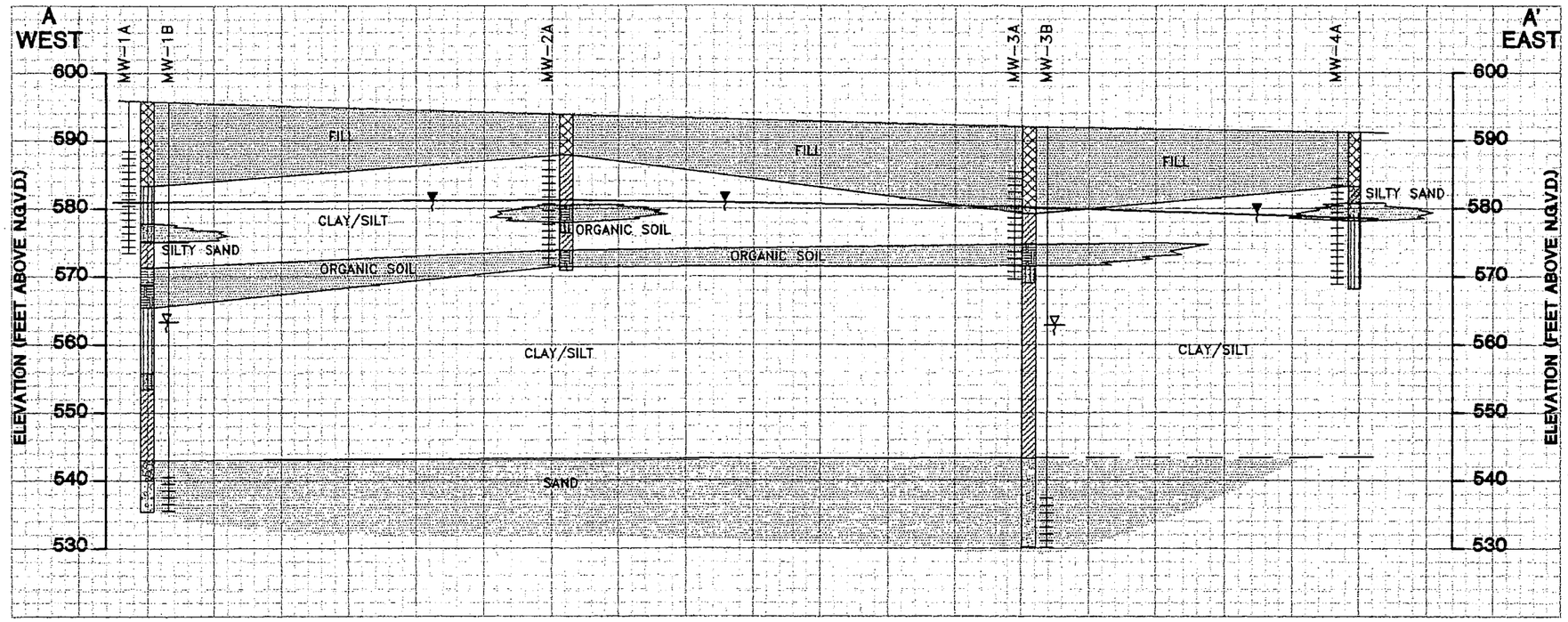


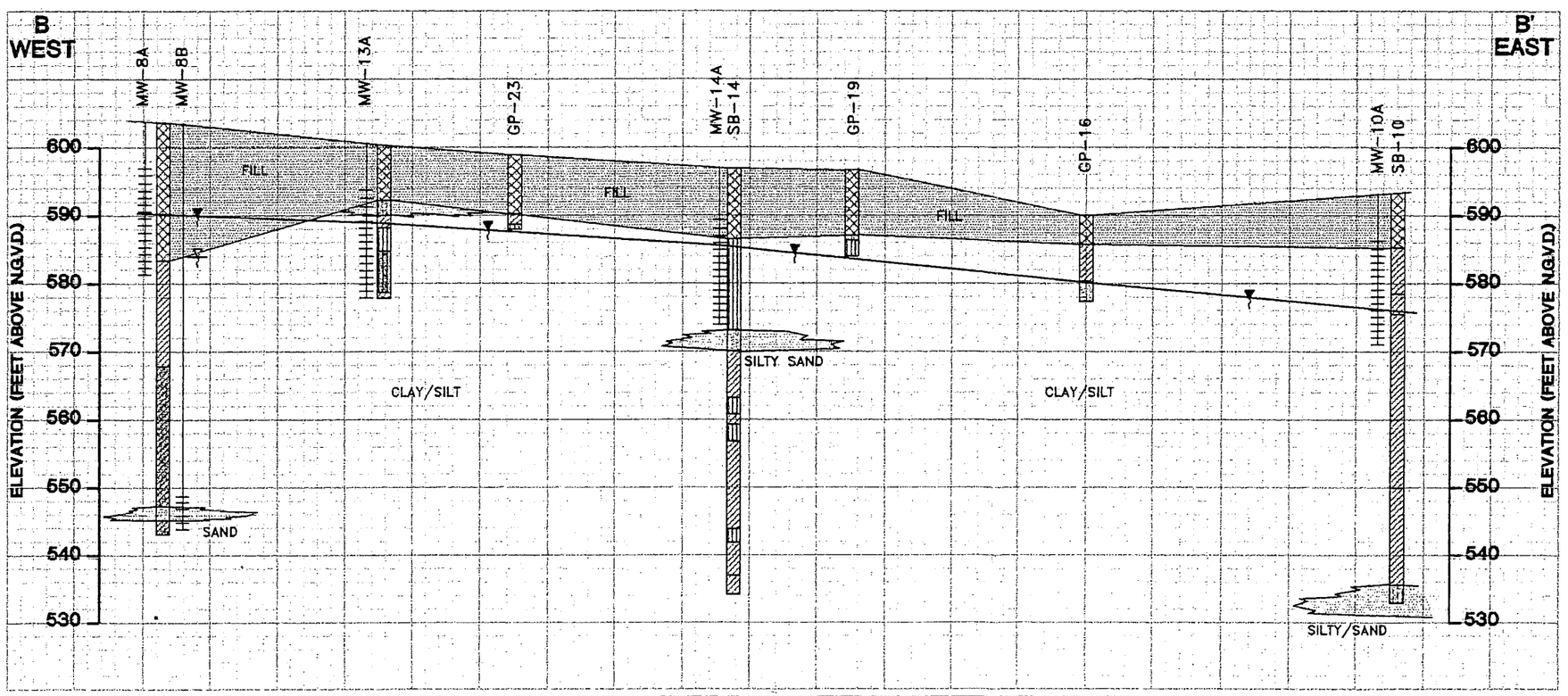
CROSS SECTION LOCATOR
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

RMT INC.

DWN. BY:	RPR
APPROVED BY:	MBG
DATE:	SEPTEMBER 1995
PROJ. #	3398.01
FILE #	33980169

FIGURE 4





LEGEND

- EXISTING GROUND SURFACE
- STRATIGRAPHIC BOUNDARY (DASHED WHERE INFERRED)
- WATER TABLE SURFACE (JULY 14, 1995)
- POTENTIOMETRIC SURFACE

LITHOLOGIC UNITS

- FILL
- SILT
- SILTY SAND
- LEAN CLAY
- GRAVEL
- SAND WITH GRAVEL
- ORGANIC SOIL
- PEAT
- SANDY SILT
- CLAYEY SILT
- SANDY LEAN CLAY
- SAND

SCALE

HORIZONTAL SCALE: 1" = 80'
VERTICAL SCALE: 1" = 20'

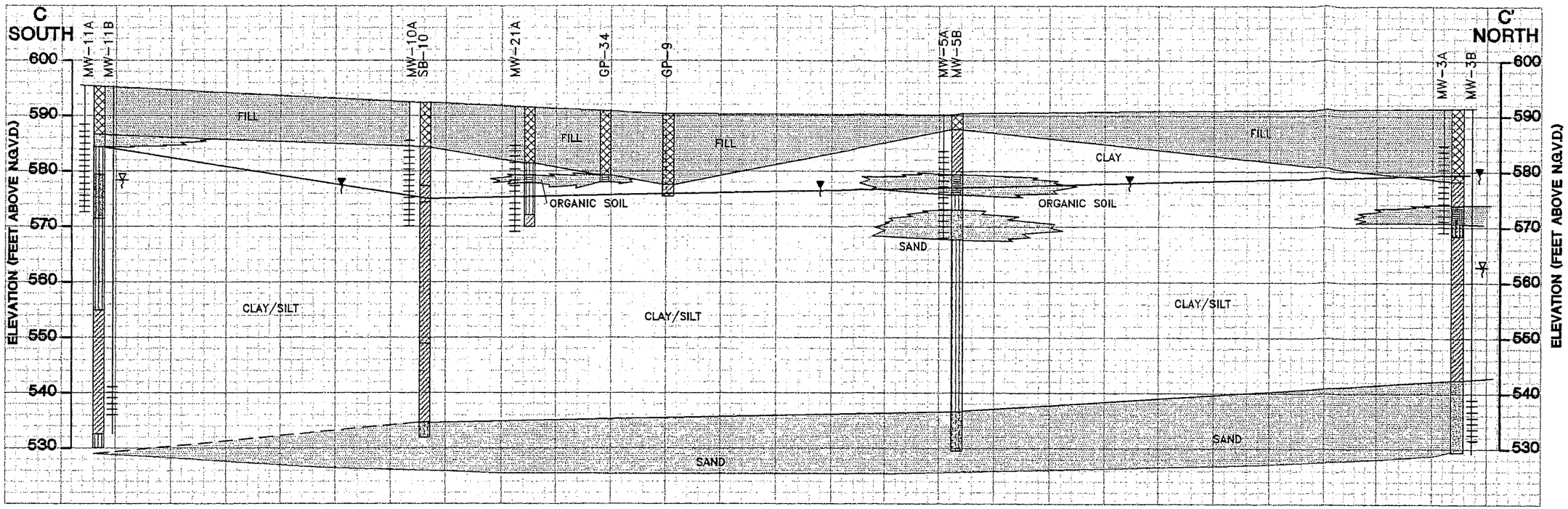
CROSS SECTIONS A-A' AND B-B'

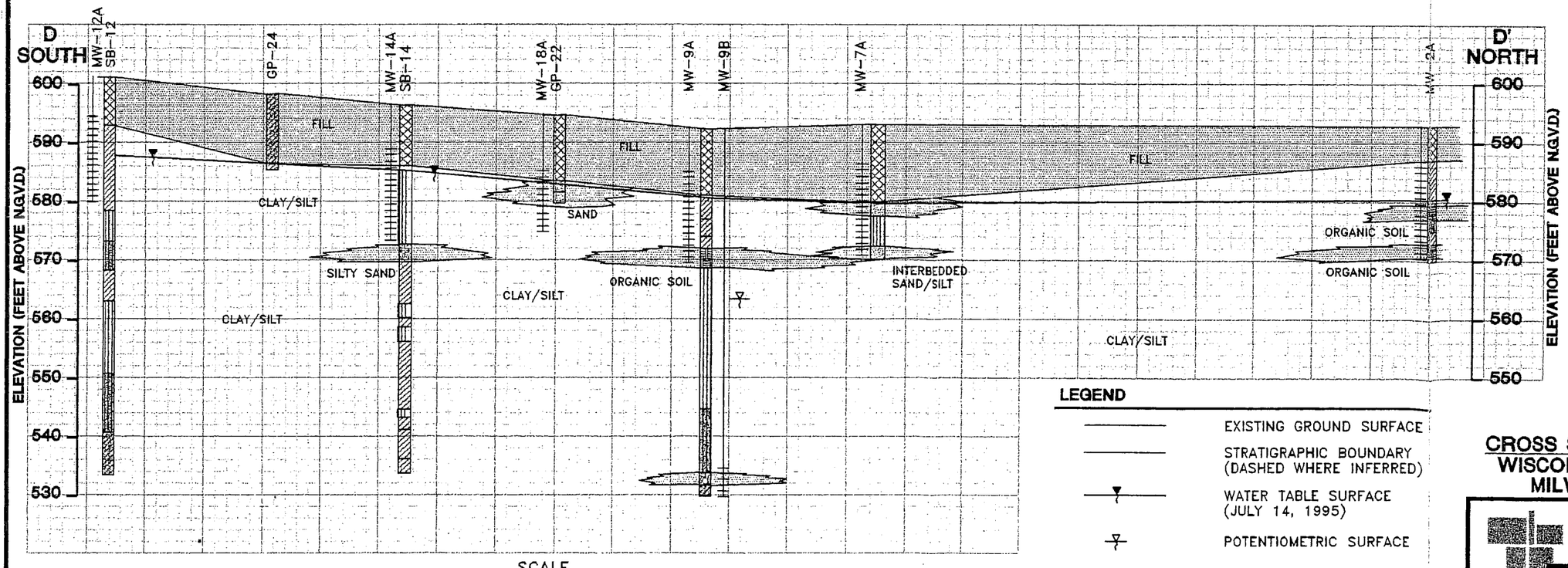
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

RMT INC.

DWN. BY:	RPR
APPROVED BY:	MBG
DATE:	SEPTEMBER 1995
PROJ. #	3398.01
FILE #	33980167

FIGURE 5





LITHOLOGIC UNITS

- FILL
- SILT
- SILTY SAND
- LEAN CLAY
- GRAVEL
- SAND WITH GRAVEL
- ORGANIC SOIL
- PEAT
- SANDY SILT
- CLAYEY SILT
- SANDY LEAN CLAY
- SAND

LEGEND

- EXISTING GROUND SURFACE
- STRATIGRAPHIC BOUNDARY (DASHED WHERE INFERRED)
- WATER TABLE SURFACE (JULY 14, 1995)
- POTENTIOMETRIC SURFACE

SCALE

HORIZONTAL SCALE: 1" = 80' VERTICAL SCALE: 1" = 20'

CROSS SECTIONS C-C' AND D-D'
WISCONSIN CENTER DISTRICT
MILWAUKEE, WISCONSIN

RMT INC.

DWN. BY:	RPR
APPROVED BY:	MBG
DATE:	SEPTEMBER 1995
PROJ. #	3398.01
FILE #	33980168

FIGURE 6

Responsible Party Signed Statement

I, Richard A. Geyer, certify that the attached legal description of the Wisconsin Center District, Midwest Airlines Center, located at 400 W. Wisconsin Avenue, Milwaukee, Wisconsin, is complete and accurate to the best of my knowledge.

RAG 8/18/06

Richard A Geyer
Signature

8/18/06
Date

Integrated Environmental Solutions

744 Heartland Trail 53717-1934
P.O. Box 8923 53708-8923
Madison, WI
Telephone: 608-831-4444
Fax: 608-831-3334
www.rmtinc.com

August 28, 2006

Mr. Jeff Polenske
City Engineer
Infrastructure Services Division
841 North Broadway, Room 701
Milwaukee, WI 53202

Subject: Midwest Airlines Center - Wisconsin Center District Right-of-Way Contamination Notification

Dear Mr. Polenske:

RMT, Inc. (RMT), on behalf of our client, the Wisconsin Center District (WCD), has requested closure from the Wisconsin Department of Natural Resources (WDNR) for the 4–city block area currently occupied by the Midwest Airlines Center (400 Wisconsin Avenue, Milwaukee, Wisconsin) (property). Groundwater contamination that appears to have originated on the property has likely migrated onto the City of Milwaukee's right-of-way on 4th Street between Kilbourn and Wisconsin Avenue, and on Kilbourn Avenue between 6th and 4th Street. The levels of vinyl chloride contamination in the groundwater on the City's property are above the state groundwater Enforcement Standards (ESs) found in Chapter NR 140, Wisconsin Administrative Code. In order to apply for closure of the site, the WDNR requires that the current owner(s) of all properties containing NR 140 ES exceedences be notified of the closure request.

We have demonstrated through groundwater monitoring that vinyl chloride contamination is stable or receding and will naturally degrade over time. We believe that allowing natural attenuation to complete the cleanup at this site will meet the requirements for case closure that are found in Chapter NR 726, Wisconsin Administrative Code, and have requested that the WDNR accept natural attenuation as the final remedy for this site and grant case closure. Closure means that the WDNR will not be requiring that any further investigation or cleanup action be taken, other than the reliance on natural attenuation.

Since the source of the groundwater contamination is not on the City's property, neither the City nor any subsequent owner of the City's property will be held responsible for investigation or cleanup of this groundwater contamination, as long as the City and any subsequent owners comply with the requirements of Section 292.13, Wisconsin Statutes, including allowing access to the property for environmental investigation or cleanup if access is required. For further information on the requirements of Section 292.13, Wisconsin Statutes, you may call 1–800–367 6076, to obtain a copy of the WDNRs' publication #RR–589, Fact Sheet 10: Guidance for Dealing with Properties Affected by Off–Site Contamination.

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

would like to submit any information to the WDNR that is relevant to this closure request, you should mail that information to Pam Mylotta, 2300 N. Martin Luther King Junior Drive, Milwaukee, Wisconsin 53212.

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater ESs will be listed on the WDNRs' geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater contamination above Chapter NR 140 Enforcement Standards was found at the time that the case was closed. This GIS Registry will be available to the general public on the WDNRs' Internet Web site.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the Department grants closure, you may obtain a copy of this letter by contacting Pam Mylotta, by writing to the agency address given above, or by accessing the DNR GIS Registry of Closed Remediation Sites on the Internet, at http://maps.dnr.state.wi.us/dnrwebview/#. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

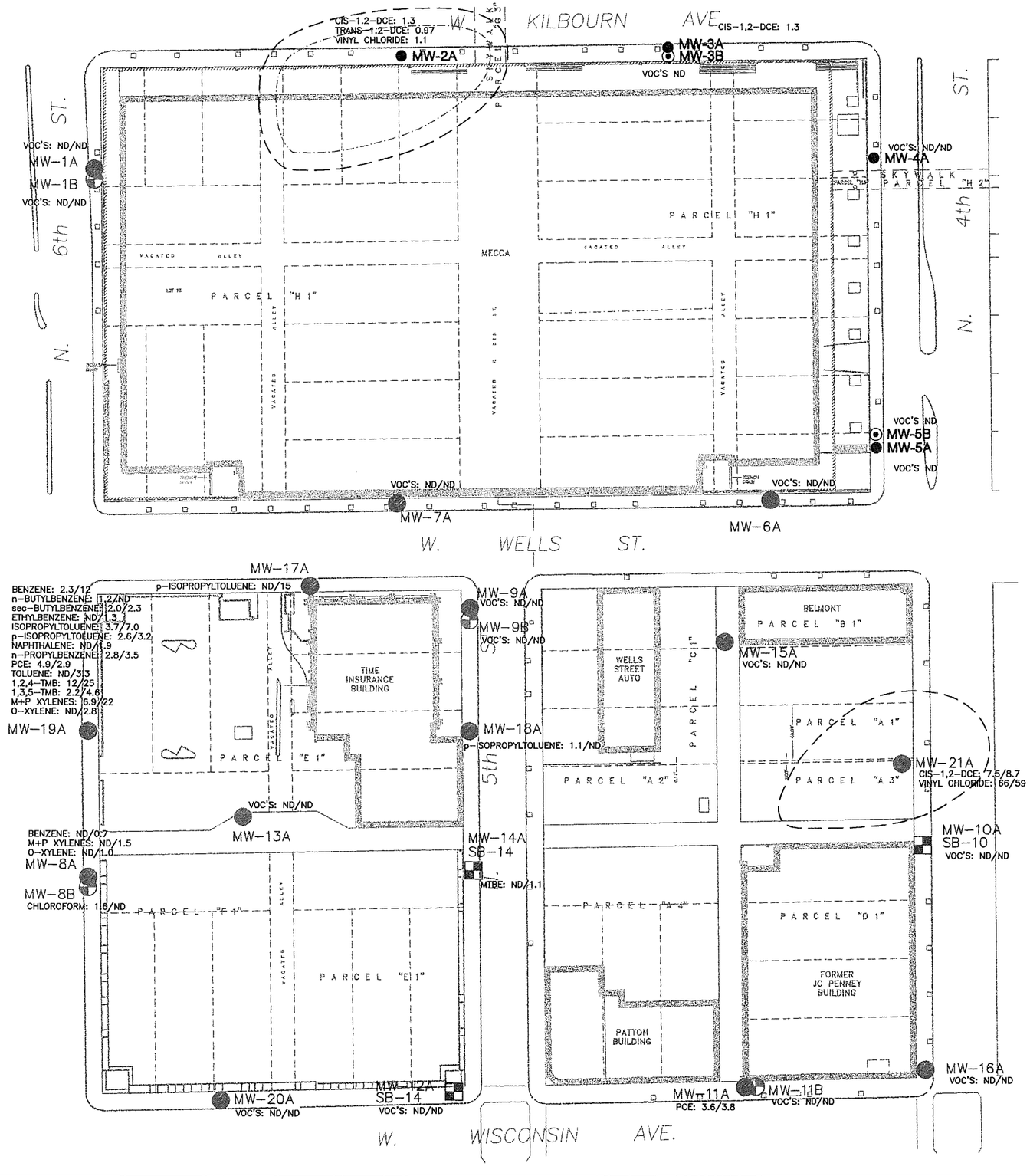
If you need more information, you may contact me, at (608) 831-4444, or you may contact Pam Mylotta at the WDNR, at (414) 263-8758.

Sincerely,

RMT, Inc.

Kristopher D. Krause, P.E.
Senior Project Manager

cc: Bob Seefeld - Wisconsin Center District



LEGEND

MW-1A SB-1	SHALLOW MONITORING WELL AND DEEP BORING LOCATION/(ABANDONED)
MW-1B	PIEZOMETER AND DEEP BORING LOCATION/(ABANDONDED)
MW-1A	SHALLOW MONITORING WELL LOCATION/(ABANDONDED)
MW-2A	EXISTING SHALLOW MONITORING WELL
MW-5B	EXISTING PIEZOMETER
- - - -	APPROXIMATE EXTENT OF NR140 ES EXCEEDENCE FOR VINYL CHLORIDE
-·-·-·-	APPROXIMATE EXTENT OF NR140 ES EXCEEDENCE FOR BENZO(A)PYRENE

NOTES

1. ND = NOT DETECTED
   PCE = TETRACHLOROETHENE
   MTBE = METHYL-TERT-BUTYL-ETHER
   1,2,4-TMB = 1,2,4-TRIMETHYLBENZENE
   1,3,5-TMB = 1,3,5-TRIMETHYLBENZENE
   CIS-1,2-DCE = CIS-1,2-DICHLOROETHENE
   TRANS-1,2-DCE = TRANS-1,2-DICHLOROETHENE
2. RESULTS ARE REPORTED IN UNITS OF MICROGRAMS/L.
3. CONCENTRATION OF VOC'S IN THE ABANDONED WELLS FROM THE 1995 SITE INVESTIGATION.
4. CONCENTRATIONS OF VOC'S IN THE EXISTING MONITORING WELLS FROM MAY 2006.
5. THIS FIGURE INCLUDES ONLY THOSE COMPOUNDS THAT WERE REPORTED ABOVE DETECTION LIMITS IN EITHER OF THE 1995 SI OR THE MAY 2006 SAMPLING. IF NO VOC'S WERE DETECTED, THE RESULT IS REPORTED AS "ND". ALL SAMPLES WERE ANALYZED FOR THE COMPLETE METHOD 8260 ANALYTE LIST.
6. THE CONCENTRATION OF BENZO(A)PYRENE DETECTED IN MW-2A DURING THE 1995 SI WAS 3.42 MICROGRAMS/L.

PROJECT: **WISCONSIN CENTER DISTRICT MILWAUKEE, WISCONSIN**

SHEET TITLE: **DISTRIBUTIONS OF VOC'S IN GROUNDWATER**

DRAWN BY: METZA	SCALE: 1"=100'	PROJ. NO. 03398.07	
CHECKED BY: AAS		FILE NO. 33980701.DWG	
APPROVED BY: KDK	DATE PRINTED:	**FIGURE 1**	
DATE: JULY 2006			

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PLOT DATA
Drawing Name: J:\03398\07\33980701.DWG
Operator Name: metza
Scale: 1"=100'