

Source Property Information

BRRTS #:	03-41-004487	Closure Date:	December 3, 2010
ACTIVITY NAME:	Milwaukee Public School-Street Garage	FID#:	
PROPERTY ADDRESS:	1741 North 7th Street	DATCP#:	
MUNICIPALITY:	Milwaukee	COMM#:	53205-1744-41-A
PARCEL ID#:	3521505115		

***WTM Coordinates:**

X: Y:

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

WTM Coordinates Represent:

- Approximate Center of Contaminant Source
 Approximate Source Parcel Center

Please check as appropriate: (BRRTS Action Code)

Contaminated Media:

- | | |
|---|---|
| <input checked="" type="checkbox"/> <u>Groundwater</u> Contamination > ES (236) | <input type="checkbox"/> <u>Soil</u> Contamination > *RCLs or **SSRCL (232) |
| <input type="checkbox"/> Groundwater Contamination in ROW | <input type="checkbox"/> Soil Contamination in ROW |
| <input type="checkbox"/> Off-Source Contamination | <input type="checkbox"/> Off-Source Contamination |

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

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

Land Use Controls:

- | | |
|---|---|
| <input type="checkbox"/> Soil: maintain industrial zoning (220) | <input type="checkbox"/> Cover or Barrier (222) |
| <input type="checkbox"/> Structural Impediment (224) | <input type="checkbox"/> Vapor Mitigation (226) |
| <input type="checkbox"/> Site-Specific Condition (228) | <input type="checkbox"/> Maintain Liability Exemption (230) |

(note: soil contaminant concentrations between residential and industrial levels)

(note: maintenance plan for groundwater or direct contact)

(note: local government or economic development corporation)

Monitoring wells properly abandoned? (234)

- Yes No N/A

*Residual Contaminant Level

**Site Specific Residual Contaminant Level

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

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

BRRTS #: 03-41-004487 PARCEL ID #: 3521505115
ACTIVITY NAME: MPS Maintenance/Garage Building WTM COORDINATES: X: 689332 Y: 288935

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: Milwaukee School Board Plat of Survey**
- 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 #: 1 Title: Site Location
- 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 #: 2, 3 & 4 Title: Tank, Sample & Excavation Location Diagrams - 1990 Release
- 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 #: 5, 6 & 7 Title: Site Features & Extent of Soil Contamination - 1994 Release

BRRTS #: 03-41-004487

ACTIVITY NAME: MPS Maintenance/Garage Building

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 #: 8 Title: MtBE in Groundwater

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 #: 9 Title: Groundwater Gradient - 08/11/1997

Figure #: 10 Title: Groundwater Gradient - 07/24/1997

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 #: 2, 3 & 4 Title: Soil Analytical Results for 1992 Excavation & 1994 Release

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

Table #: 2 Title: Historical Laboratory Analytical Results

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 #: Title:

IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.

Note: If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.

Not Applicable

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

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

Figure #: Title:

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

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

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

BRRTS #: 03-41-004487

ACTIVITY NAME: MPS Maintenance/Garage Building

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.

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:



ENVIRONMENTAL & REGULATORY SERVICES DIVISION
BUREAU OF PECFA
9316 North 107th Street
Milwaukee, Wisconsin 53224-1121
TTY: Contact Through Relay
Fax: (414) 357-4700
Jim Doyle, Governor
Aaron Olver, Secretary

December 3, 2010

Mr. Jeffrey Grzeca
Division of Facilities & Maintenance Services
Milwaukee Public Schools
1124 North 11th Street
Milwaukee, WI 53205-0259

RE: **Final Closure**

Commerce # 53205-1744-41- A & B DNR BRRTS # 03-41-004487 & 03-41-001206
Milwaukee Public Schools - Street Garage/Maint. Building, 1741 North 7th Street, Milwaukee

Dear Mr. Grzeca:

The Wisconsin Department of Commerce (Commerce) has reviewed the information you provided in response to Commerce's request for an update for the site referenced above. Based on the information you provided, Commerce reviewed the Department of Natural Resources' (DNR) case file (BRRTS # 03-41-004487) and determined that both the Commerce and DNR cases referred to the same site and tank area but referenced two different releases; one in 1990 and the other in 1994. Both case files contained copies of the same reports. The DNR case was subsequently transferred to Commerce on October 28, 2010 for regulatory oversight.

In reviewing the case files, it is evident that a release occurred in 1990 from a 2,000-gallon diesel fuel underground storage tank (UST). The contamination from this release was remediated by excavating the contaminated soil in the tank area. Contaminated soil beneath the dispenser island and immediately adjacent to other USTs could not be removed because those components of the tank system remained in use. The excavated area was then re-contaminated by a release from a 3,000-gallon unleaded gasoline UST in 1994. The contamination from this release was addressed through an emergency action that included installing recovery wells and vacuuming the wells to recover as much free product as possible. A soil vapor extraction, free product recovery, and groundwater treatment remediation system was installed in 1995 to address the residual contamination. The DNR determined that no further action, other than abandoning the wells and recording a groundwater use restriction on the property deed, was required at the site in a letter dated August 17, 1998. Well abandonment forms were received by the DNR on March 23, 1999. The DNR's GIS Registry replaces the requirement for recording restrictions on property deeds for cases to obtain final case closure.

Based on the information contained in the case files and additional information that you provided, Commerce has determined that this site does not pose a significant threat to human health or the environment. **No further investigation or remedial action is necessary.**

Both cases are now listed as "closed" on the Commerce database and will be included on the DNR's Geographic Information System (GIS) Registry of Closed Remediation Sites to address residual soil and groundwater contamination. Commerce has assembled the GIS Registry packet for you using information contained in the case files and documents that you provided. Please keep the enclosed copy for your records. To review sites on the GIS Registry web page, visit

<http://dnr.wi.gov/org/aw/rr/gis/index.htm>. If you intend to construct or reconstruct a potable well on this property, you must get prior DNR approval.

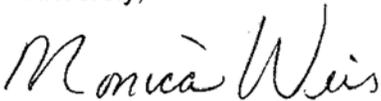
All current and future owners and occupants of the property need to be aware that excavation of contaminated soil may pose a hazard. Special precautions may be needed to prevent inhalation, ingestion or dermal contact with the residual contamination when it is removed. If soil is excavated, the property owner at the time of excavation must have the soil sampled and analyzed to determine if residual contamination remains. If sampling confirms that contamination is present, the property owner at the time of excavation must determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable State regulations and standards.

Costs for sampling and excavation activities conducted after case closure are not eligible for PECFA reimbursement. However, if it is determined that any undisturbed remaining petroleum contamination poses a threat, the case may be reopened and further investigation or remediation may be required. If this case is reopened, any original claim under the PECFA fund would also reopen and you may apply for assistance to the extent of remaining eligibility.

Timely filing of your final PECFA claim (if applicable) is encouraged. If your PECFA claim is not received within 120 days of the date of this letter, interest costs incurred after 60 days of the date of this letter will not be eligible for PECFA reimbursement.

Thank you for your efforts to protect Wisconsin's environment. If you have any questions, please contact me in writing at the letterhead address or by telephone at (414) 357-4705.

Sincerely,



Monica L. Weis
Senior Hydrogeologist
Site Review Section

Enclosure



State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

Tommy G. Thompson, Governor
George E. Meyer, Secretary
Gloria L. McCutcheon, Regional Director

Southeast Region Headquarters
2300 N. Dr. ML King, Jr. Drive, Box 12436
Milwaukee, Wisconsin 53212-0436
TELEPHONE 414-263-8500
FAX 414-263-8716
TDD 414-263-8713

August 17, 1998

Mr. Patrick O'Donnell
MPS-Department of Facility & Maintenance Service
1124 North 11th Street
Milwaukee, Wisconsin 53233

SUBJECT: Request for closure, MPS, 7th Street Garage, 1741 North 7th Street, Milwaukee, Wisconsin. BRR-LUST FID#241207670.

Dear Mr. O'Donnell:

Refs: 03-41-004487

At the request of your environmental consultant, Ayers Associates, (Ayers) we have reviewed the referenced case file for closure. Ayers has requested closure of this site under the closure flexibility regulations, because groundwater monitoring well MW-2 and MW-3 contained methyl-tert-butyl ether (MTBE) concentrations above the § NR 140, Wisconsin Administrative Code (WAC) enforcement standard (ES). The concentration of MTBE in monitoring wells MW-2 and MW-3 were 240 and 67 parts per billion (ppb), respectively, during the last groundwater sampling round conducted in July of 1997.

Based on the information provided, we concur with Ayer's recommendation of case closure and require no further action at this site based on the following:

1. The source of contamination has been removed.
2. The contaminant concentrations in monitoring wells MW-2 and MW-3 appears to be stable and is defined, based on the groundwater monitoring data provided.
3. Based on the groundwater data presented and the calculations provided by Ayers, the contaminants should naturally attenuate to concentrations below the ch. NR 140 ES within a reasonable period of time, without causing an exceedance of the preventative action level for contaminants detected beyond the property boundary.

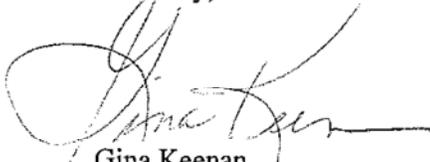
To complete the closure of this site, you must place a groundwater use restriction on the property deed at the county register of deeds office which specifies the legal description of the property, the location, type and concentration of the contaminants and includes the following language:

"Natural attenuation has been approved by the Department of Natural Resources to remediate groundwater exceeding ch. NR 140 groundwater standards within the boundaries of this property. construction of wells where the water quality exceeds the drinking water standards in ch. NR 809 is restricted by chs. NR 811 and 812. Special well construction standards or water treatment requirements, or both, or well construction prohibitions may apply. Anyone who proposes to construct or reconstruct a well on this property is required to contact the Department of Natural Resources' Bureau of Drinking Water and Groundwater to determine what specific requirements are applicable prior to constructing or reconstructing a well on this property."

Within sixty days, all of the groundwater monitoring wells at the site must be abandoned in accordance with ch. NR 141 and the completed abandonment forms must be submitted to the department, along with the soil boring logs for the monitoring wells. Once the department receives the abandonment forms and documentation that the groundwater use restriction has been placed on the deed, this case will be tracked as closed on the department's tracking system.

If you have any questions regarding this letter, you may contact me at the above address or at (414) 263-8689.

Sincerely,

A handwritten signature in black ink, appearing to read "Gina Keenan", written over a horizontal line.

Gina Keenan
Hydrogeologist

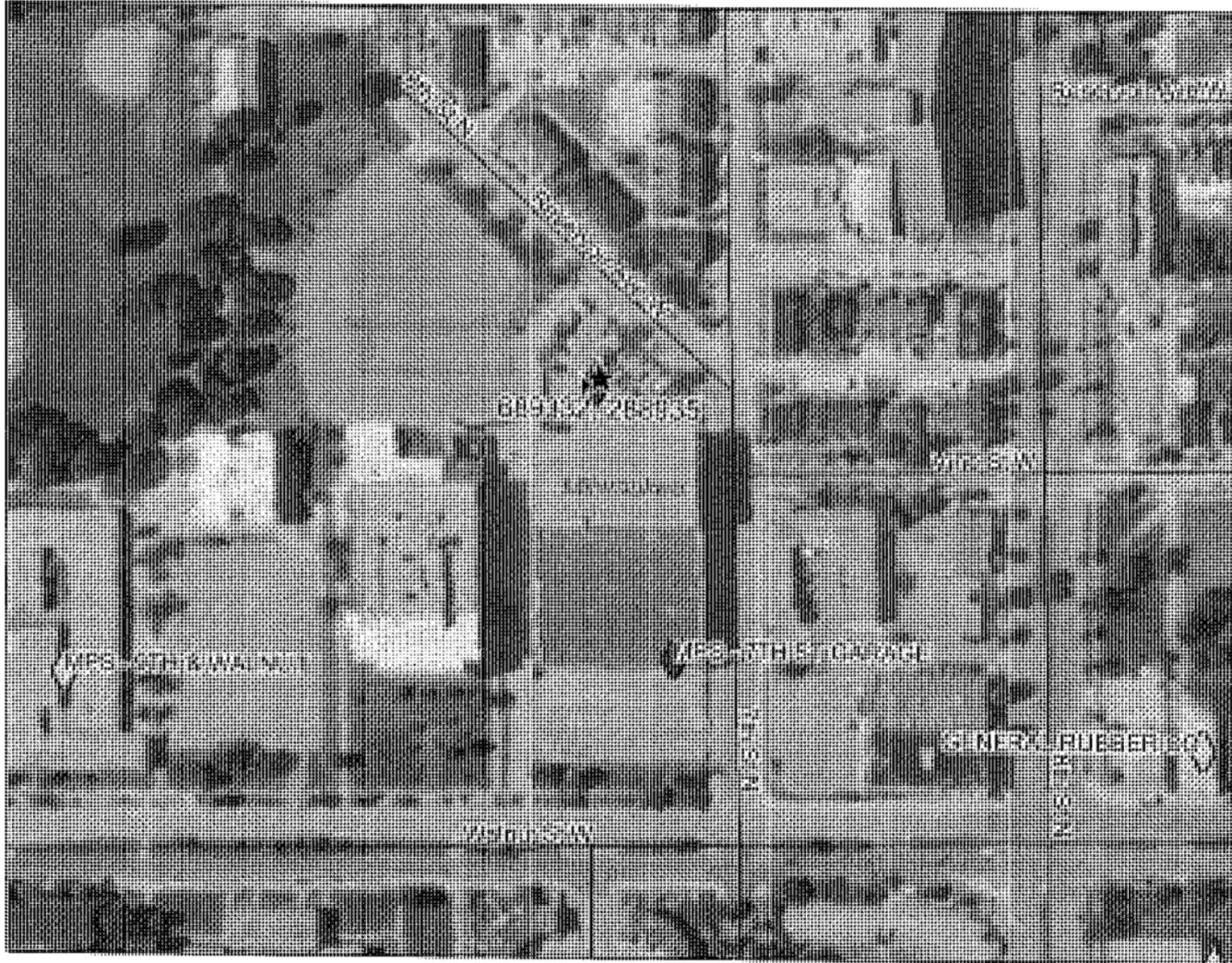
c: Ayers Associates, Inc.
SED case file

Map Created on Nov 08, 2010



Legend

-  Open Sites (ongoing cleanups)
-  Open Sites (ongoing cleanups) - site boundaries shown
-  Closed Sites (completed cleanups)
-  Closed Sites (completed cleanups) - site boundaries shown
-  County Boundary
-  Railroads
-  County Roads (WDOT)
-  County Trunk Highway
-  State and U.S. Highways (WDOT)
-  State Trunk Highway
-  US Highway
-  Interstate Highways (WDOT)
-  Interstate Highway
-  Local Roads (WDOT)
-  Civil Towns
-  Civil Town
-  24K Open Water
-  24K Rivers and Shorelines
-  Municipalities



0 250 500 750 ft.

Map created on Nov 8, 2010

Note: Not all RR Sites have been geo-located yet.



Scale: 1:2,631

This map is a user generated static output from an Internet mapping site and is for general reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable. THIS MAP IS NOT TO BE USED FOR NAVIGATION.

Assessment Detail and Listing Characteristics

Taxkey	Premise Address	Nbhd	Plat	Assessment County	Class
3521505115	800 W WALNUT ST	6256	35217	Milwaukee	Exempt

Ownership Information	Conveyance	Assessment Information		
CITY OF MILW ROOSEVELT JR	Deed Type	Year	Current	Previous
5225 W VLIET ST	Date	Land	0	0
MILWAUKEE WI 53208	Fee	Imprv	0	0
	<i>Name Change: 1972-09-09</i>	Total	0	0

Org Year	Drop Year	Zoning	Ald. District	Census
		TL	6	116-116

Legal Description

SUBD OF QUENTIN'S PARK ETC IN NW 1/4 SEC 20-7-22 (LOTS 15 THRU 22) & E 1/2 VAC ST ADJ & (PART LOT 23 & VAC W RESERVOIR AVE ADJ) SD SUBD & ALL BLK 188 HOUGHTON'S ADD'N & VAC SHERIDAN PL ADJ & (BLKS 89-90 & VAC N 8TH ST & VAC E 1/2 N 9TH ST ADJ) EXC PART FOR W WALNUT ST OF PLAT OF THE TOWN OF MILW ON THE WEST SIDE OF THE RIVER

Exempt Property Attributes Not Available

[Recent Permits](#)
 [Sale History](#)
 [Assessment History](#)
 [Tax Balance](#)
 [About Site](#)

Data Provided By Assessor Query From: 165.189.181.200

R/W

ed Property and that
f, showing the size
aries, the location
n, fences, apparent
any.

present owner(s) of
stgage or guarantee
eof.

88



Entire Map is available in Commerce Case file 53205-1654-41-A

MLW 1 of 3

CONSULTING ENGINEERS

7TH ST. WAREHOUSE SITE

MILWAU

in 53228 414-259-1500

PL



LEGAL DESCRIPTION

That part of the Northwest One-Quarter (1/4) of SECTION 20, TOWNSHIP 7 NORTH, RANGE 22 EAST, in the CITY OF MILWAUKEE, MILWAUKEE COUNTY, WISCONSIN, bounded and described as follows:

All of Block 188 in Houghton's Addition to the City of Milwaukee, also including Lots 1 through 4 and the East 11 feet of Lot 5, Block 89, in the Plat of the Town of Milwaukee, on the west side of the river, excepting those portions previously dedicated for right-of-way purposes.

Containing 125,347 square feet (2.88 acres) more or less.

Referential Meridian - All bearings are referenced to the North right-of-way line of West Walnut Street, which is assumed to be N.89°38'10"W.

SURVEYORS C

STATE OF WI
COUNTY OF M

I CERTIFY t
the map he
and locatic
and dimens:
easements,

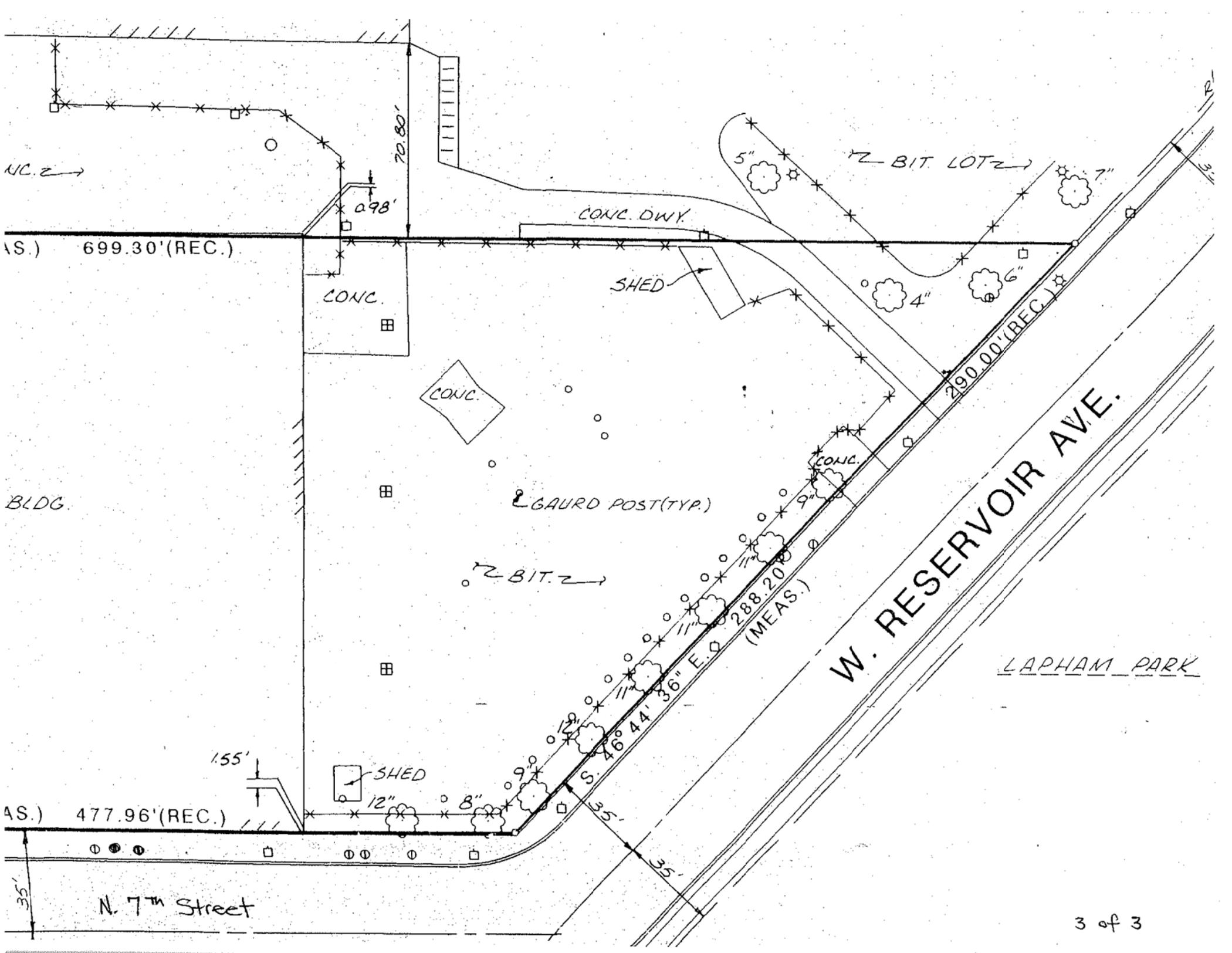
This survey
the proper
title there

DATED THIS

Burt J.
BURT J. NAU

AL 1"=40'

NO.	DATE	REVISION	BY	DRAWN BY	CHECKED BY
				RPR	BJN
				PROJECT ENGINEER	
				BJN	



LAPHAM PARK

**SIGNED STATEMENT BY RESPONSIBLE PARTY (REPRESENTATIVE) THAT
THE LEGAL DESCRIPTION PROVIDED FOR THE REFERENCED PROPERTY
IS COMPLETE AND ACCURATE**

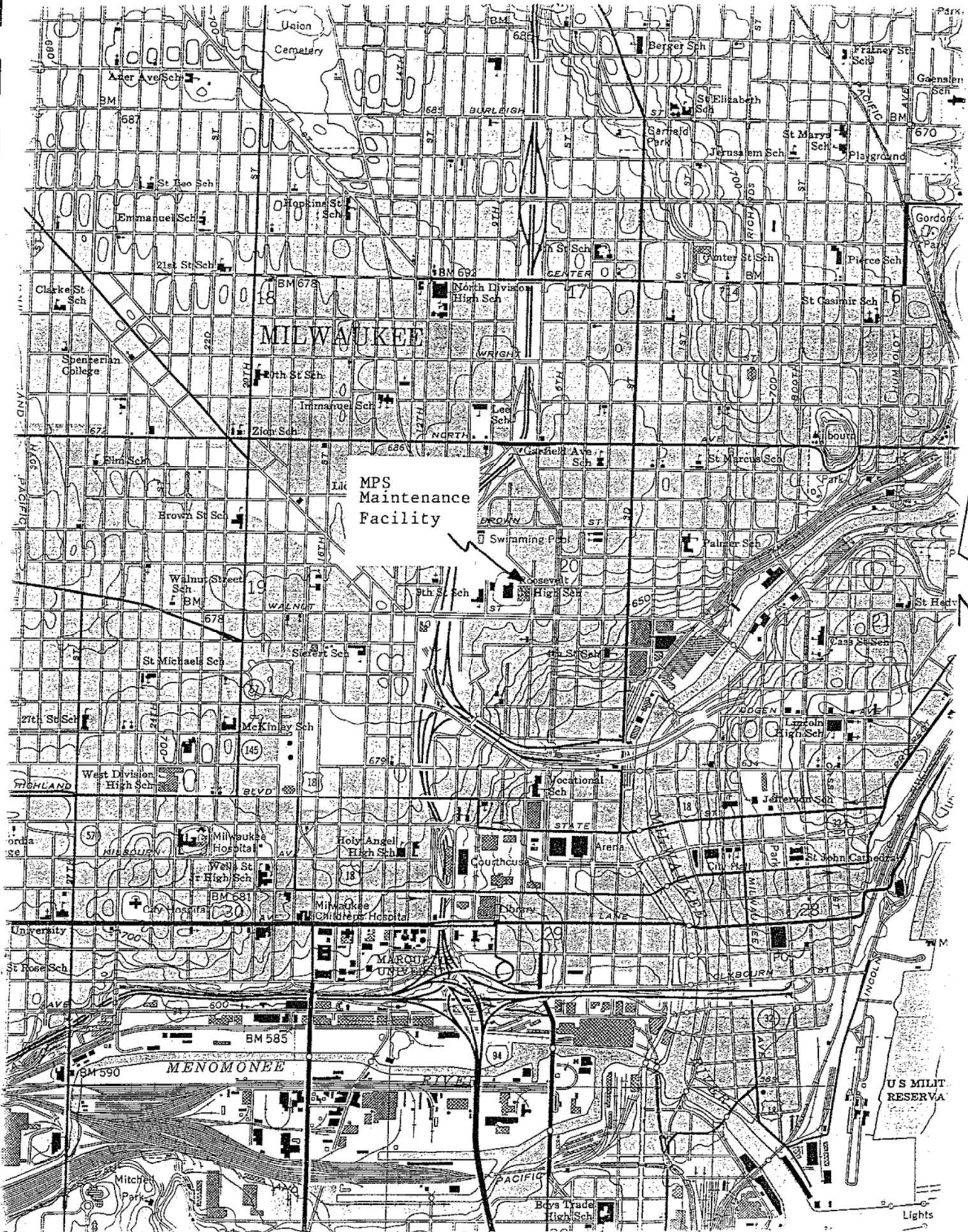
As the responsible party for the property located at 1741 North 7th Street, Milwaukee, I believe the legal description provided to the Wisconsin Department of Commerce for the case files referenced as Commerce # 53205-1744-41-A & B and DNR BRRTS # 03-41-001206 & 03-41-004487 is complete and accurate to the best of my knowledge.

Gina M. Spang
Signature

Date 11/15/10

Gina M. Spang
Printed Name and Title

DIRECTOR FACILITIES & MAINTENANCE

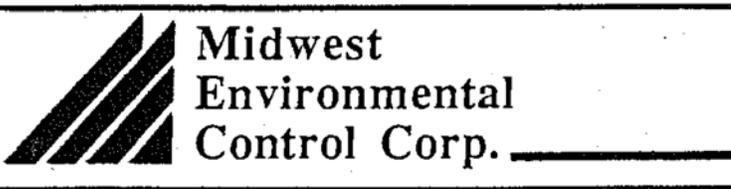
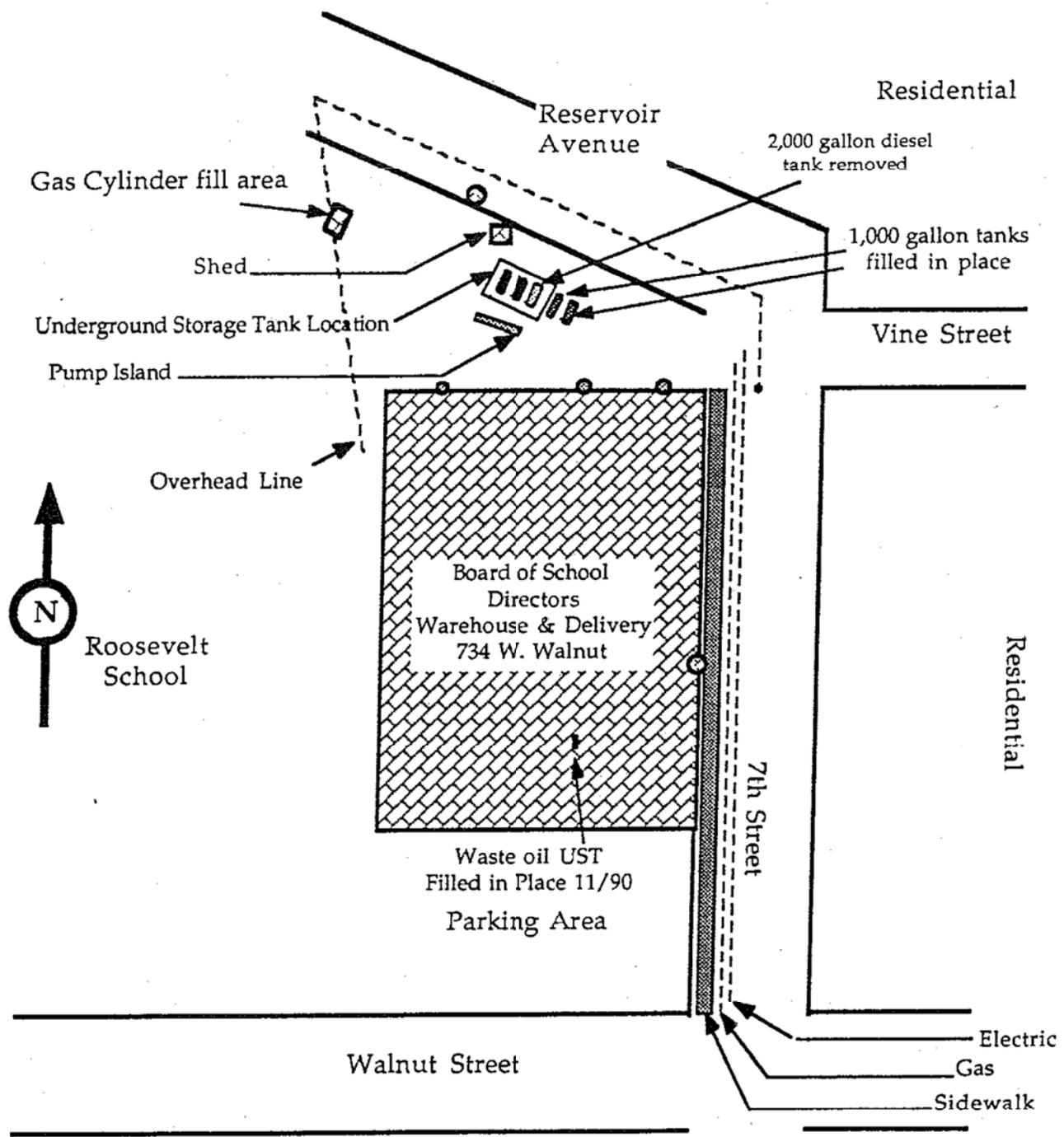


USGS 7.5 min. Topographic

Figure 1- Site Location

Scale: 1" = 2,000'

Modified by Commerce 11-8-80



**FIGURE 2
TANK LOCATION DIAGRAM
Milwaukee Public Schools
Warehouse and Delivery
Milwaukee, WI**

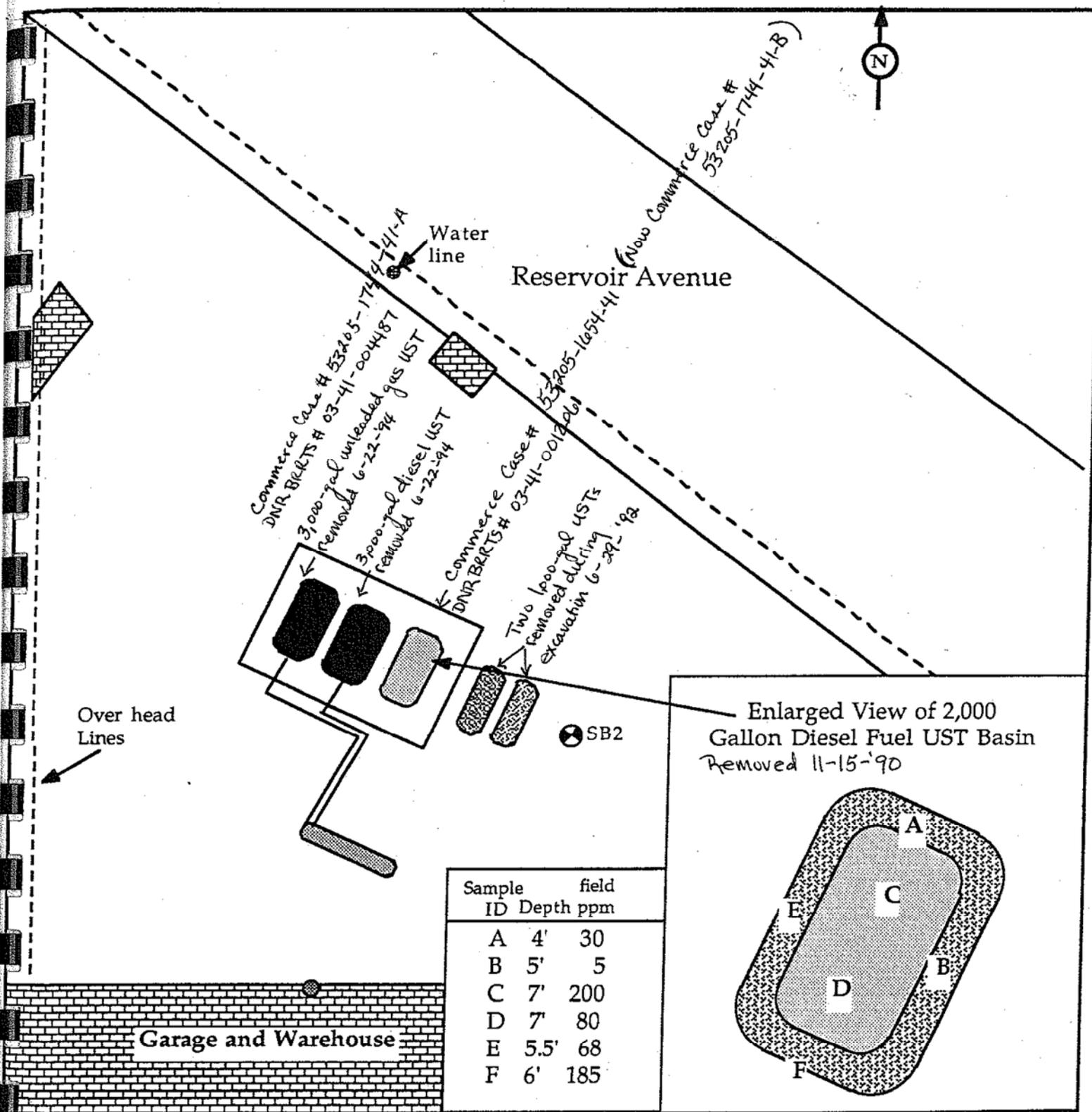
MECC Project # 1230-0890

LEGEND

- ⊙ Underground Water Main Access
- Scale
- 0' 50' 100'
- Storm Sewer Inlet
- ▨ Buildings

Prepared By:
BAR

Date:
11-21-1990



Midwest Environmental Control Corp.

FIGURE 3
2,000 Gallon Diesel UST
Sample Location Diagram

Milwaukee Public Schools
MECC Project # 1230-0890

LEGEND

0' 10' 20' 30' 40'

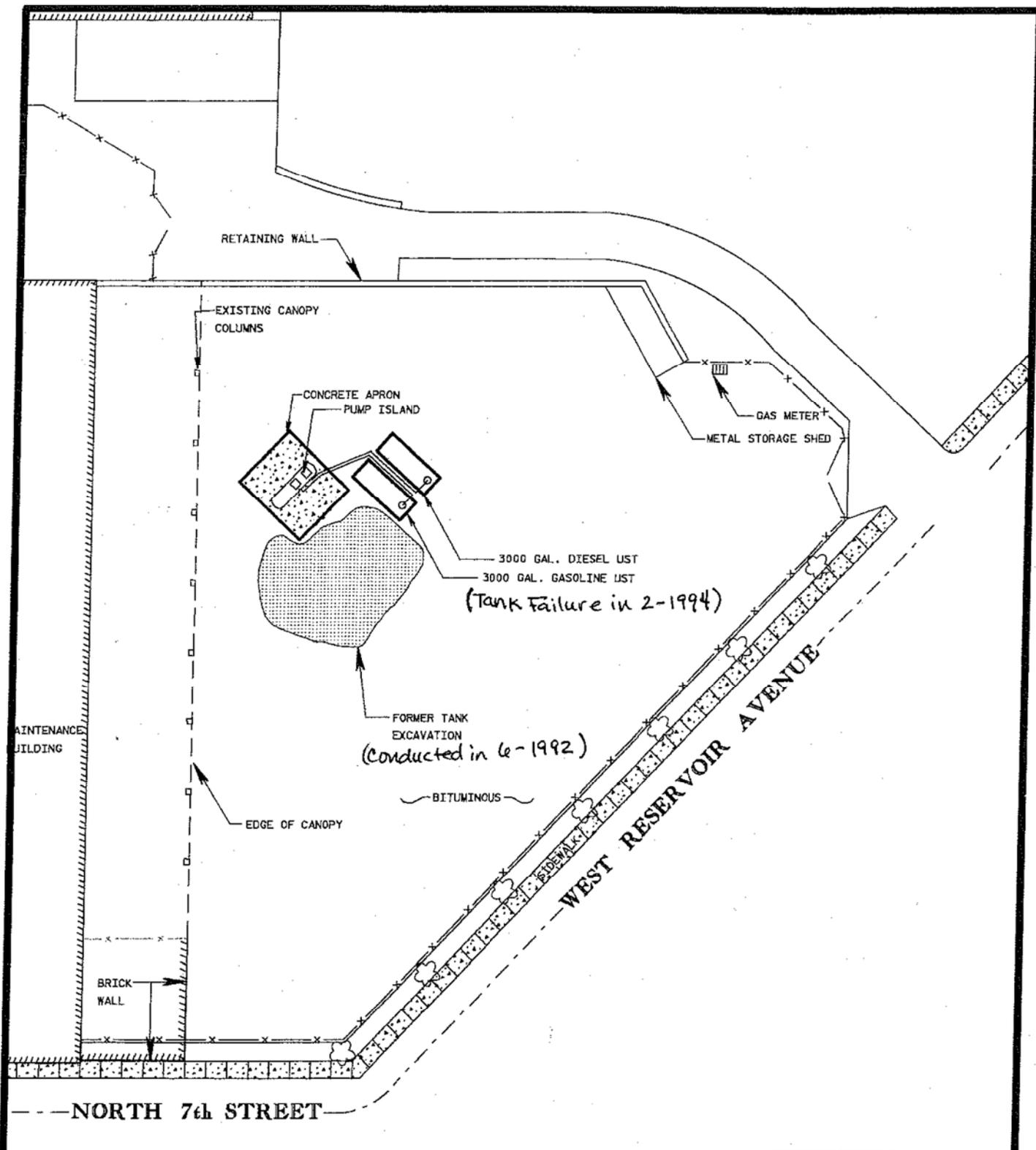
Scale in centimeters

Buildings

Prepared By: **BAR** Date: **12/26/90**

Figure Modified by Commerce 11-8-2010

Beginning of data for 1994 release



SITE LOCATION

MAPPING SOURCE:
AYRES ASSOCIATES
CADD FILES



FIGURE 5

SITE SKETCH

MILWAUKEE PUBLIC SCHOOLS
7TH STREET GARAGE
MILWAUKEE, WISCONSIN

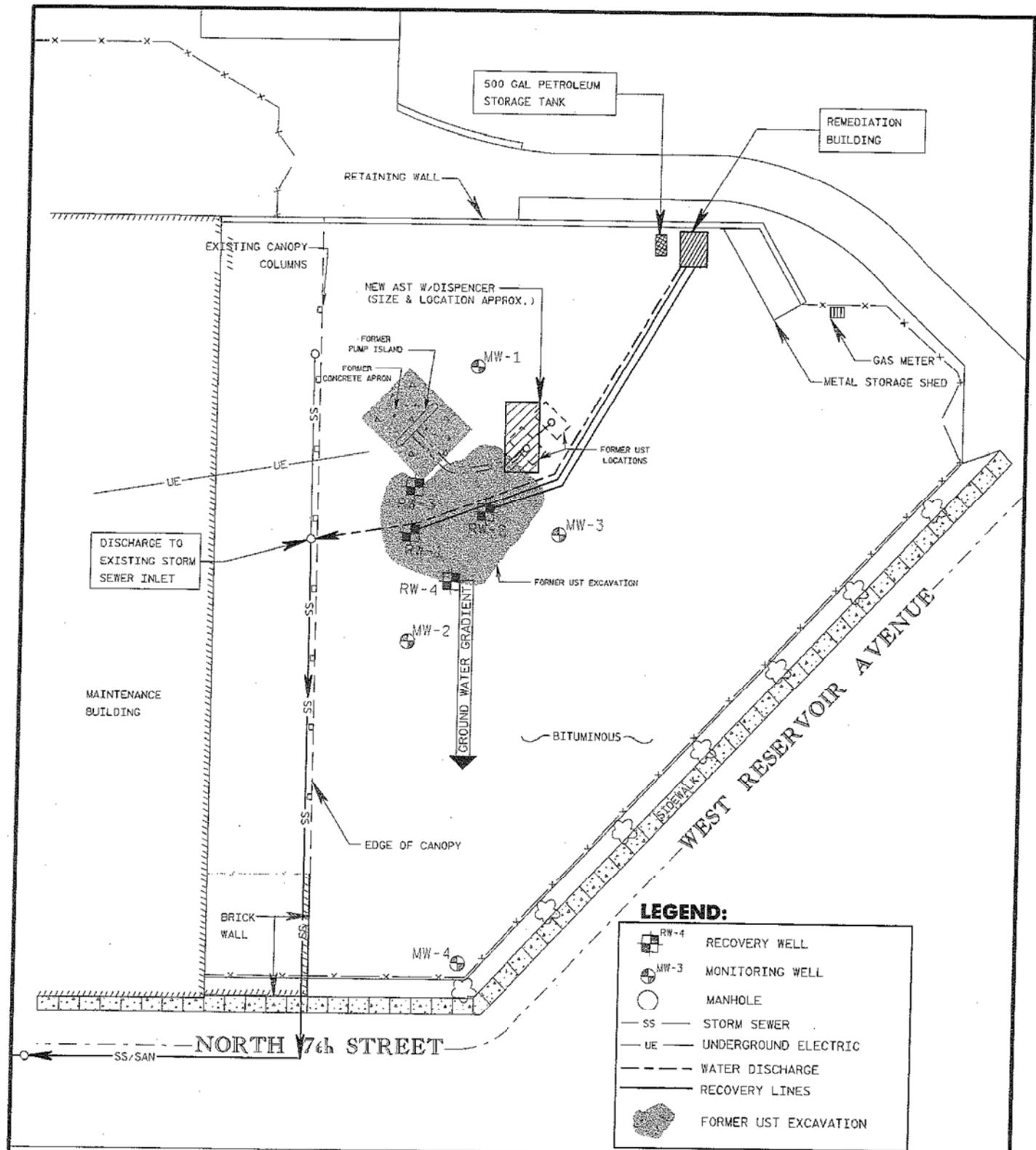
DATE 04-02-96
JOB NUMBER: 4773.21

FILE NAME: 47732000.DGN

PEN TABLE = COLOR650.tbl
DATE OF PLOT = 05/23/96
DESIGN FILE IS 1: *dgn*4773*wd*47732000.dgn
*CREATED BY
DGN LEVELS ON = 1-30,32-50,52-63
PLOT FILE = P: *MD0DJP65*47732000.PRF

Tank Failure Re-contaminated
Previously Excavated Area

Figure Modified by 04/02/96



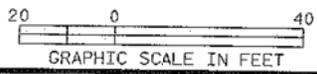
LEGEND:

- RW-4 RECOVERY WELL
- MW-3 MONITORING WELL
- MANHOLE
- STORM SEWER
- UNDERGROUND ELECTRIC
- WATER DISCHARGE
- RECOVERY LINES
- FORMER UST EXCAVATION

AYRES ASSOCIATES



MAPPING SOURCE:
AYRES ASSOCIATES
CADD FILES

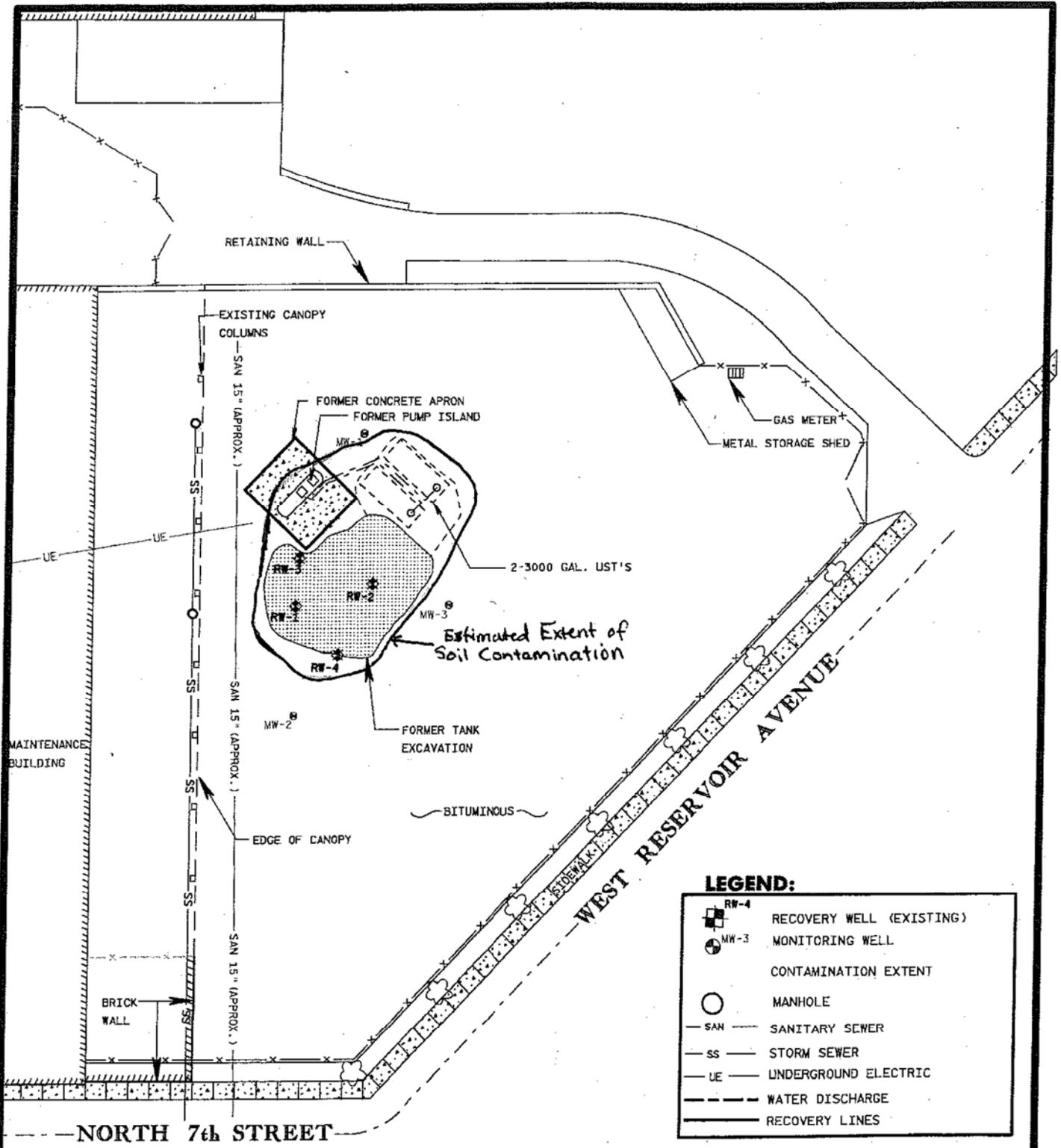


**FIGURE 6
SITE SKETCH**

MILWAUKEE PUBLIC SCHOOLS
1741 NORTH 7th STREET
MILWAUKEE, WISCONSIN

DATE: 09-22-97
JOB NUMBER: 4773.20

PEN TABLE = V80COL.tbl
DATE OF PLOT = 01/20/98
DESIGN FILE IS M:\DGN\477320\WD\47732fig.dgn
*CREATED BY
DGN LEVELS ON = 1-62
PLOT FILE = P:\MD00JP65\47732FIG.PRF



MAPPING SOURCE:
AYRES ASSOCIATES
CADD FILES

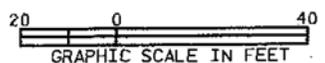


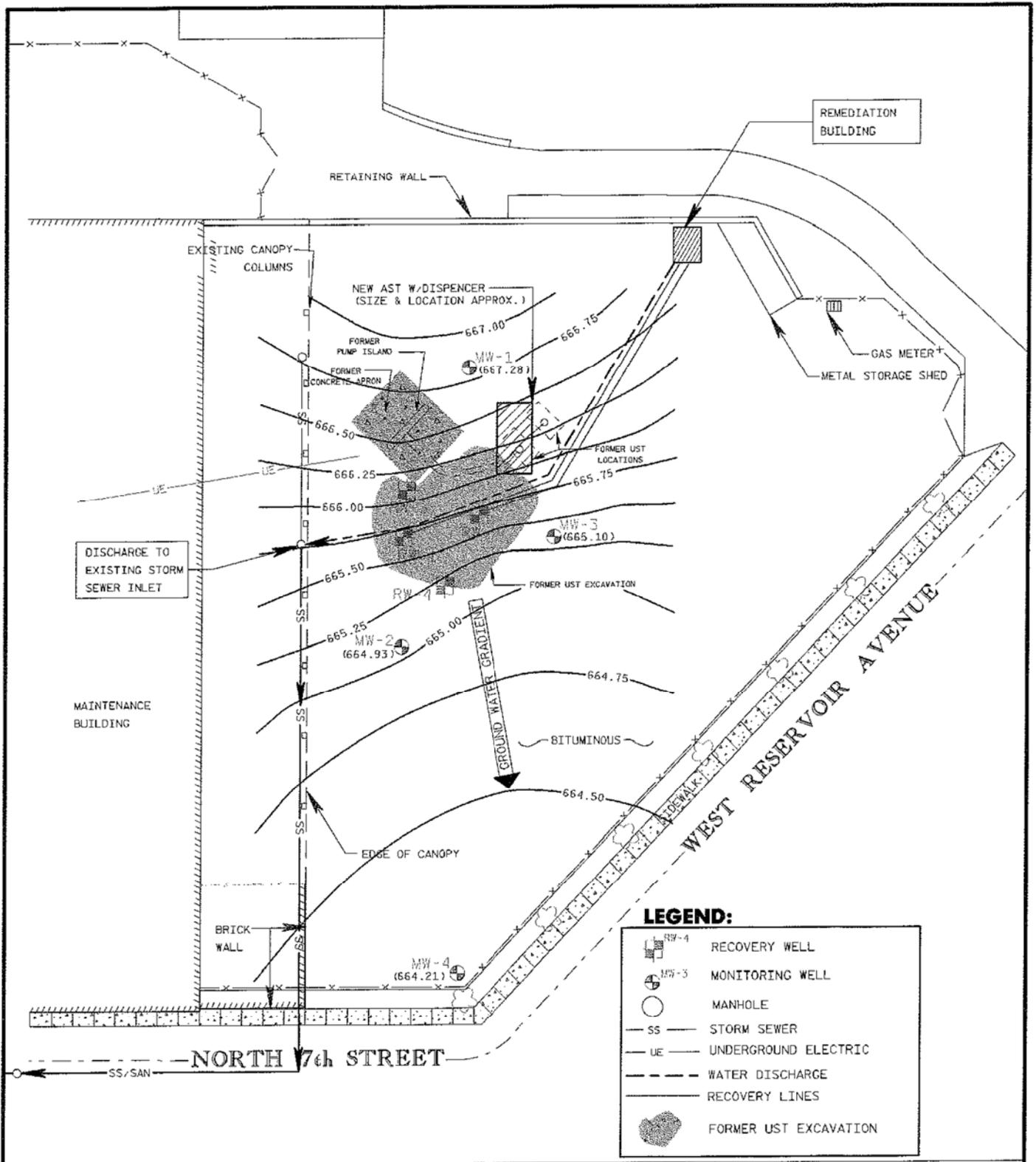
FIGURE 7
ESTIMATED EXTENT
OF SUBSURFACE
CONTAMINATION
MILAUKEE PUBLIC SCHOOLS
7TH STREET GARAGE
MILAUKEE, WISCONSIN

DATE: 04-02-96
JOB NUMBER: 4773.20

FILE NAME: 47732002.DGN
PEN TABLE = COLOR650.TBL
DATE OF PLOT = 05/23/96
DESIGN FILE IS 1:dgn:4773:wd:47732002.dgn
*CREATED BY
DGN LEVELS ON = 1-63
PLOT FILE = P:m00dJP65:47732002.PRF

Figure Modified by Commerce 11-8-2010

MLW



LEGEND:

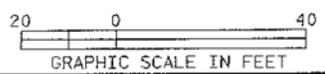
	RECOVERY WELL
	MONITORING WELL
	MANHOLE
	STORM SEWER
	UNDERGROUND ELECTRIC
	WATER DISCHARGE
	RECOVERY LINES
	FORMER UST EXCAVATION

AYRES ASSOCIATES



MAPPING SOURCE:
AYRES ASSOCIATES
CADD FILES

Figure 9

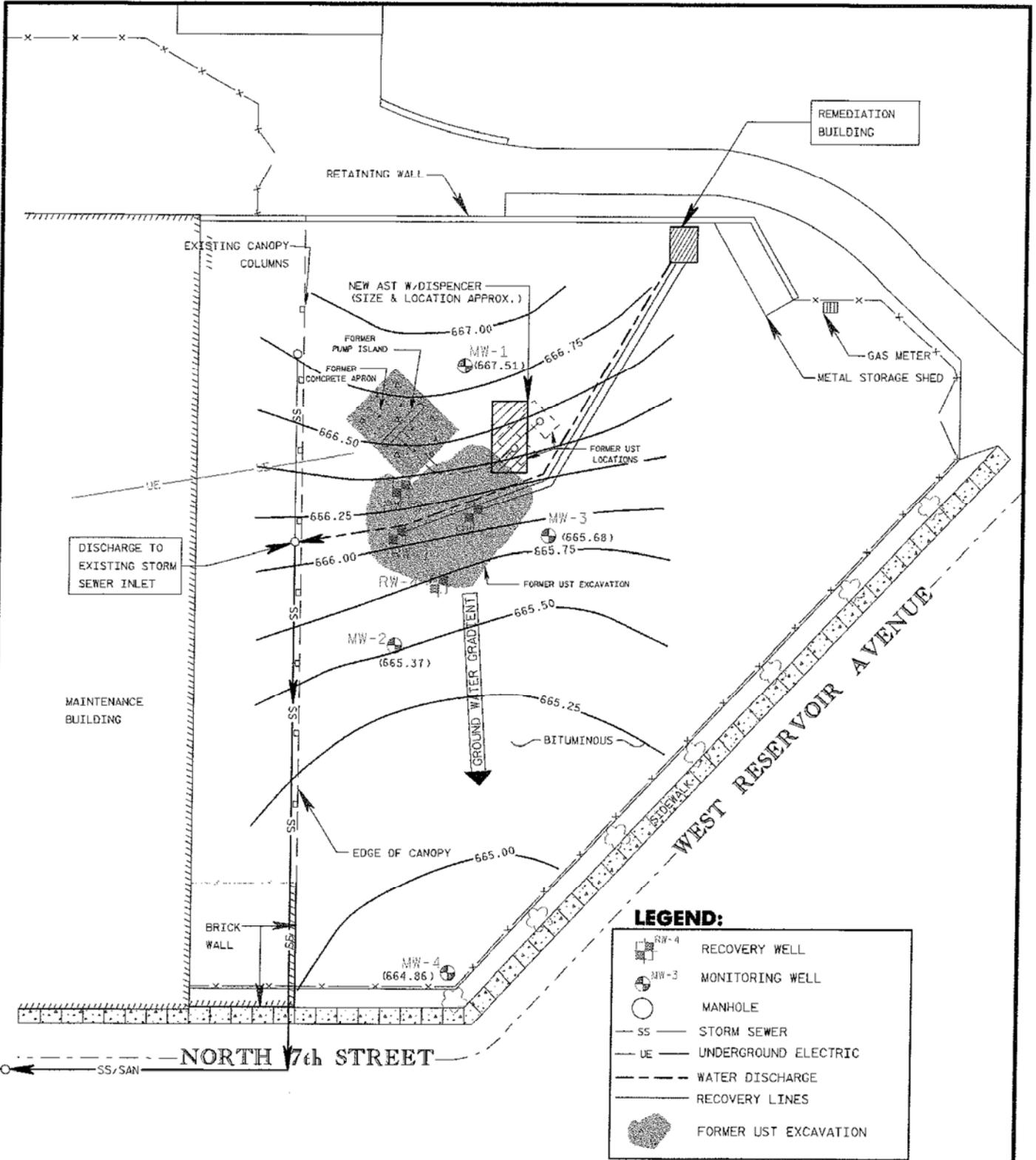


GROUND WATER GRADIENT
08 / 11 / 97

MILWAUKEE PUBLIC SCHOOLS
1741 NORTH 7th STREET
MILWAUKEE, WISCONSIN

DATE: 11-05-97
JOB NUMBER: 4773.20

PEN TABLE = V80COL.tbl
DATE OF PLOT = 01/09/98
DESIGN FILE IS M:\DGN\477320\WD\47732005.dgn
*CREATED BY
DGN LEVELS ON = 1-62
PLOT FILE = P:\MDD0JP65\47732005.PRF



LEGEND:

	RECOVERY WELL
	MONITORING WELL
	MANHOLE
	STORM SEWER
	UNDERGROUND ELECTRIC
	WATER DISCHARGE
	RECOVERY LINES
	FORMER UST EXCAVATION

AYRES
ASSOCIATES



MAPPING SOURCE:
AYRES ASSOCIATES
CADD FILES

Figure 10



GROUND WATER GRADIENT

07 /24 /97

MILWAUKEE PUBLIC SCHOOLS
1741 NORTH 7th STREET
MILWAUKEE, WISCONSIN

DATE: 11-08-97
JOB NUMBER: 4773.20

PEN TABLE = V80COL.tb1
DATE OF PLOT = 01/09/98
DESIGN FILE IS M:\DGN\477320\WD\47732014.dgn
*CREATED BY
DGN LEVELS ON = 1-62
PLOT FILE = P:\MDD\JP65\47732014.PRF

TABLE 2
HISTORICAL LABORATORY ANALYTICAL RESULTS
MILWAUKEE PUBLIC SCHOOLS, 7th STREET GARAGE
JN: 00-4773.20

		GRO	Benzene	Ethylbenzene	Toluene	Total Xylenes	Methyl-tert-Butyl-Ether	1, 3, 5 Trimethyl-benzene	1, 2, 4 Trimethyl-benzene
		µg/L							
MW-1	5/24/94	*	*	*	25	*	*	*	*
	9/9/94	*	*	*	*	*	*	*	*
	11/2/94	*	*	*	*	*	190	*	*
	3/16/95	*	*	*	*	*	*	*	*
	7/10/95	*	*	*	*	*	*	*	*
	9/25/95	*	*	*	*	*	*	*	*
	12/14/95	*	*	*	0.7	*	*	*	*
	5/16/96	*	*	*	*	*	*	*	*
	9/9/96	*	*	*	*	*	*	*	*
	2/7/97	*	*	*	*	*	*	*	*
7/24/97	*	*	*	*	*	*	*	*	
MW-2	5/24/94	*	*	*	*	*	90	*	*
	9/9/94	*	*	*	*	*	95	*	*
	11/2/94	*	*	*	12	*	*	*	*
	3/16/95	83	*	*	*	*	250	*	0.3
	7/10/95	130	*	*	*	*	340	*	*
	9/25/95	580	*	*	*	*	1500	*	*
	12/14/95	343	*	*	*	*	848	*	*
	5/16/96	*	*	*	*	*	111	*	*
	9/9/96	327	*	*	*	*	879	*	*
	2/7/97	66	*	*	*	*	310	*	*
7/24/97	120	*	*	*	*	240	*	*	
MW-3	5/24/94	*	*	*	12	*	93	*	*
	9/9/94	*	*	*	*	*	120	*	*
	11/2/94	*	*	*	*	*	100	*	*
	3/16/95	*	*	*	*	*	160	*	*
	7/10/95	76	*	*	*	*	160	*	*
	9/25/95	100	*	*	*	*	190	*	*
	12/14/95	*	*	*	*	*	73	*	*
	5/16/96	54	*	*	*	*	104	*	*
	9/9/96	*	*	*	*	*	67	*	*
	2/7/97	35	*	*	*	*	50	*	*
7/24/97	*	*	*	*	*	26	*	*	
MW-4	7/24/97	*	*	*	*	*	*	*	*
	10/2/97	*	*	*	*	*	0.5	*	0.3
PREVENTIVE ACTION LIMIT		NE	0.5	140	68.6	124	12	NE	NE
ENFORCEMENT STANDARD		NE	5	700	343	620	60	NE	NE

GRO = gasoline range organics
µg/L = micrograms per liter or parts per billion
* = below method detection limits
NE = not established
Results above ES are indicated by **BOLD**

TABLE 4
MILWAUKEE PUBLIC SCHOOLS
7th STREET GARAGE
SOIL ANALYTICAL RESULTS

SAMPLE POINT	DATE	DEPTH	FIELD SCREEN	BENZENE	ETHYL-BENZENE	TOLUENE	TOTAL XYLENES	1,2,4-TMB	1,3,5-TMB	MTBE	GRO	HEAVIER THAN GRO
		feet	vppm	----- milligrams per kilogram (mg/kg) -----								
MW1-S2	2/16/94	5'-7'	1.5	#	#	#	#	#	#	#	#	NP
MW1-S4	2/16/94	10'-12'	2.5	#	#	#	#	#	#	#	#	NP
MW2-9.5	2/17/94	7.5'-9.5'	12.2	#	#	#	#	#	#	#	#	NP
MW2-12	2/17/94	10'-12'	6.7	#	#	#	#	#	#	#	#	NP
MW3-12	2/17/94	10'-12'	6.7	#	#	#	#	#	#	#	#	NP
MW3-18	2/17/94	16'-18'	6.7	#	#	#	#	#	#	#	#	NP
Pump Island	7/4/94	4'	90.0	#	3.80	#	#	17.00	7.10	#	990.00	
Delivery Pipe	7/4/94	4'	118.0	#	#	#	3.70	0.09	#	#	9.00	

TMB = Trimethylbenzene
 MTBE = Methyl t-Butyl Ether
 GRO = Gasoline Range Organics
 NP = Not Present
 # = Below method detection limit