GIS REGISTRY INFORMATION

SITE NAME: Walker Manufacturing Company

BRRTS #: 02-52-216262 FID # (if appropriate): 252 012750

COMMERCE # (if appropriate):

CLOSURE DATE:

STREET ADDRESS: 1231 Michigan Blvd

CITY: Racine 53402

SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection): X= 701698 Y= 253938

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= [redacted] BC Y= [redacted] BC

CONTAMINATION IN RIGHT OF WAY: [ ] Yes [ ] No

DOCUMENTS NEEDED:

Closure Letter, and any conditional closure letter or denial letter issued	X
Copy of any maintenance plan referenced in the final closure letter.	X
Copy of (soil or land use) deed notice *if any required as a condition of closure*	NA
Copy of most recent deed, including legal description, for all affected properties	X
Certified survey map or relevant portion of the recorded plat map (*if referenced in the legal description*) for all affected properties	X
County Parcel ID number, *if used for county*, for all affected properties	X
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.	X
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.	X
Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)	X
Tables of Latest Soil Analytical Results (no shading or cross-hatching)	X
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.	X
GW: Table of water level elevations, with sampling dates, and free product noted if present	X
GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)	X
SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour	X
Geologic cross-sections, *if required for SI.* (8.5x14' if paper copy)	X
RP certified statement that legal descriptions are complete and accurate	X
Copies of off-source notification letters (if applicable)	X
Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)	NA

State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

WISCONSIN
DEPT. OF NATURAL RESOURCES

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

2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, Wisconsin WI
Telephone 414-263-8500
FAX 414-263-8483
TTY Access via relay - 711

March 30, 2007

Racine Water and Wastewater Utilities
Mr. Keith Haas
800 Center St., Room 227
Racine, WI 53403

Subject: Closure for Former Walker Manufacturing Company (Northern Portion), 1231 Michigan Blvd., Racine, WI, FID 252012750, BRRTS 02-52-216262

Dear Mr. Haas:

On March 6, 2007, the Southeast Region's Case Closure Committee reviewed your request for closure of the case described above. The Closure Committee reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases.

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 the Water and Wastewater Utilities 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 paved areas, buildings, building foundations, soil/landscaped areas and secured fencing that currently exists in the location shown on the attached map shall be maintained in compliance with the attached maintenance plan in order to minimize the infiltration of water and prevent additional groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code, and to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. If soil in the specific locations described above is excavated in the future, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material would be considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable statutes and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct

contact hazard and as a result special precautions may need to be taken during excavation activities to prevent a health threat to humans.

Contamination from the residual chlorinated contaminated soil along the southern boundary in the area of SSB-4, SSB-3, SGP2, SB-8 and SB-25, of the Water and Wastewater Utilities property may have migrated onto the Southern portion of the Former Walker Manufacturing Facility. With the proposed development of the Southern portion of the property, the Water and Wastewater Utilities may be asked to work cooperatively with the developer to address any contamination from chlorinated contaminated soils that migrated across the property boundary. The area of SSB-4, SSB-3, SGP2, SB-8 and SB-25 is the main area of concern.

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

If you have any questions please contact Shanna Laube-Anderson at 262-884-2341.

Sincerely,

Walter A. Ebersohl

Walter A. Ebersohl
Remediation & Redevelopment Sub-team Supervisor

cc: Eric Sikora – Sigma

enc.

DESCRIPTION OF ENGINEERED BARRIER DESIGN AND PERFORMANCE

Existing and new engineered features have been utilized in site redevelopment plans as surface barriers to prevent a direct contact threat from shallow historic soil contamination and to minimize water infiltration to impacted soil and a resulting soil-to-groundwater pathway threat.

These features include the Standby Power Facilities Building, the Submerged Water Treatment Building, several clay-encapsulated berms, paved parking and roadway areas, and additional landscaped areas. An existing concrete slab covering much of the site was fractured as part of demolition but was left in place, and all new features other than the two structures were constructed on this slab, where present, increasing the effectiveness of these features as barriers. Each of these barriers is discussed below.

- The Standby Power Facilities Building (also known as the Engine Generator Building) was constructed from approximately April through November of 2002. This is the western of the two buildings now at the site, occupying an approximately 9,500 square-foot footprint in the eastern half of the site.

- The Submerged Water Treatment Building (also known as the Membrane Filtration Building) was constructed in 2004. This structure is located in the northwest corner of the site, occupying a footprint of approximately 16,000 square feet.

- The excavated soil from construction of both new structures was used to the degree possible to construct berms along the south edge of the site. These berms were constructed on top of the pre-existing concrete slab and were capped with approximately 1 foot of clay and then covered with topsoil and seeded with grass.

- Also constructed were new roadways, asphalt parking areas, and additional landscaped areas in most of the remainder of the site (refer to Section D attached figure showing remediated area). As indicated above, these features were also constructed on top of the pre-existing concrete slab. These new roadways, parking areas, and the berm noted above together provide surface barrier coverage for many of the isolated areas of soil contamination at the site, as well as the area of highest impacts indicated above, and also cover most of the isolated areas of residual groundwater contamination. In particular, residual chlorinated VOC (CVOC) soil contamination in the SB-48 / SB-25 / SB-26 / SSB-3 soil borings area is located beneath the newly constructed parking lot, roadway, and capped soil berm. The most significant petroleum-related VOC (PVOC), gasoline-range organics (GRO), diesel-range organics (DRO) residual soil impacts occur in the same location and are also capped by these specific features. The significant residual groundwater impacts are located beneath these or other new features as well, including the PZ-18 / MW-22 / MW-21 area and the PZ-26 area.

A *Site Cover Maintenance Plan* for the site was submitted to WDNR by Sigma as an appendix to Sigma's January 3, 2002 report. A copy of this document is attached to Section G of this form. The final closure letter may also further indicate the requirements of barrier maintenance and operation in place of the previously required deed restriction regarding site caps.

Site Cover Maintenance Plan
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin

In order to maintain the integrity of the site cover (asphalt, concrete, and landscape areas), a long-term maintenance program will be implemented at the site by the Racine Water Utility predicated upon:

- A soil management plan, consistent with relevant state statutes and administrative rules, has been prepared by Sigma Environmental Services, Inc. (Sigma) for the Racine Water Utility and submitted to the Wisconsin Department of Natural Resources (WDNR) for approval prior to implementation of the site redevelopment activities. After the soil management plan is approved, this plan shall be held on file by the Racine Water Utility and be utilized for all subsequent activities relating to breaching the site cover and/or underlying material at the site.

Implementation of the maintenance plan will consist of the following tasks:

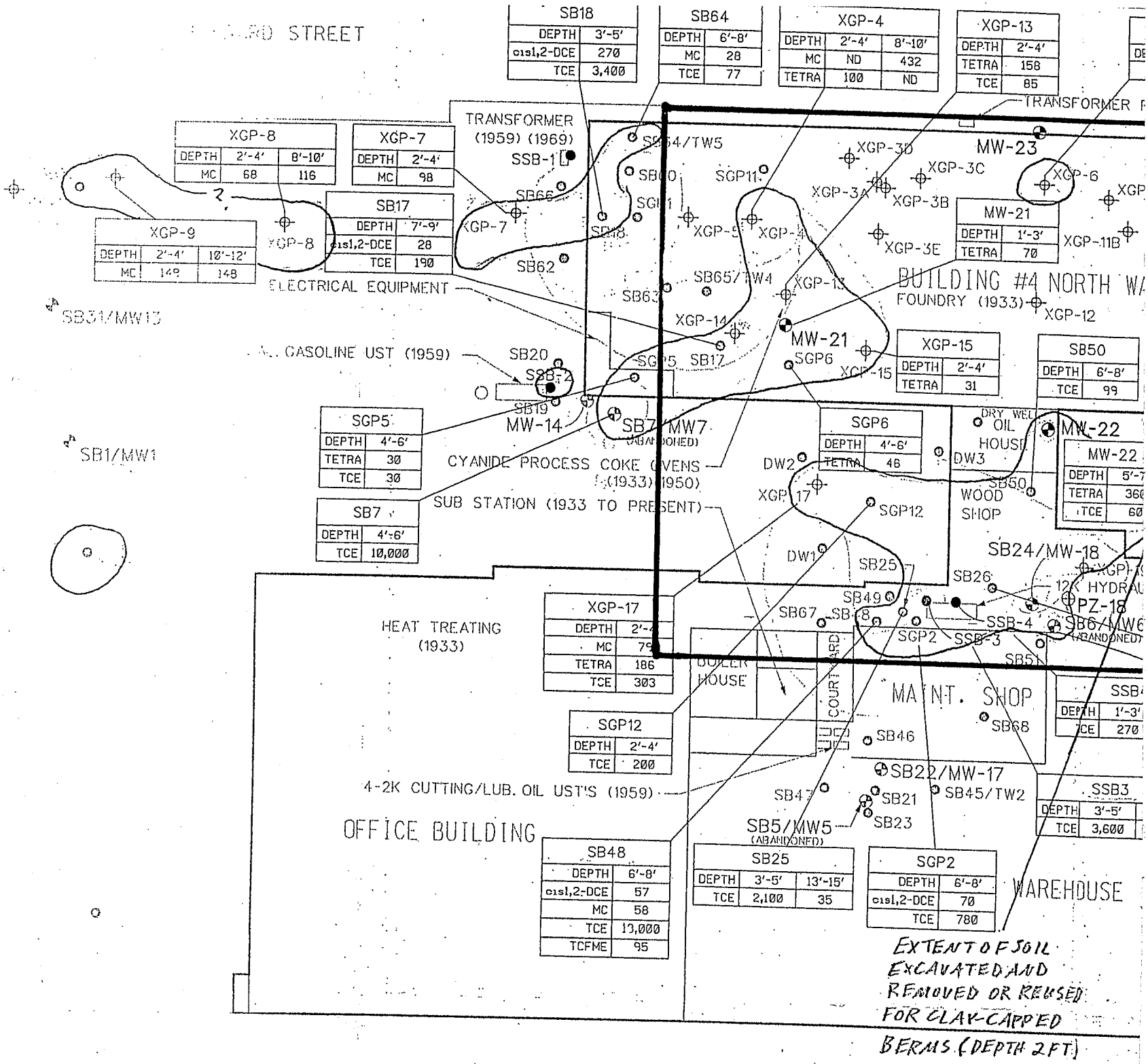
- Conduct yearly inspections of asphalt/concrete parking lots and roadways to identify the development of broken or crumbled areas.

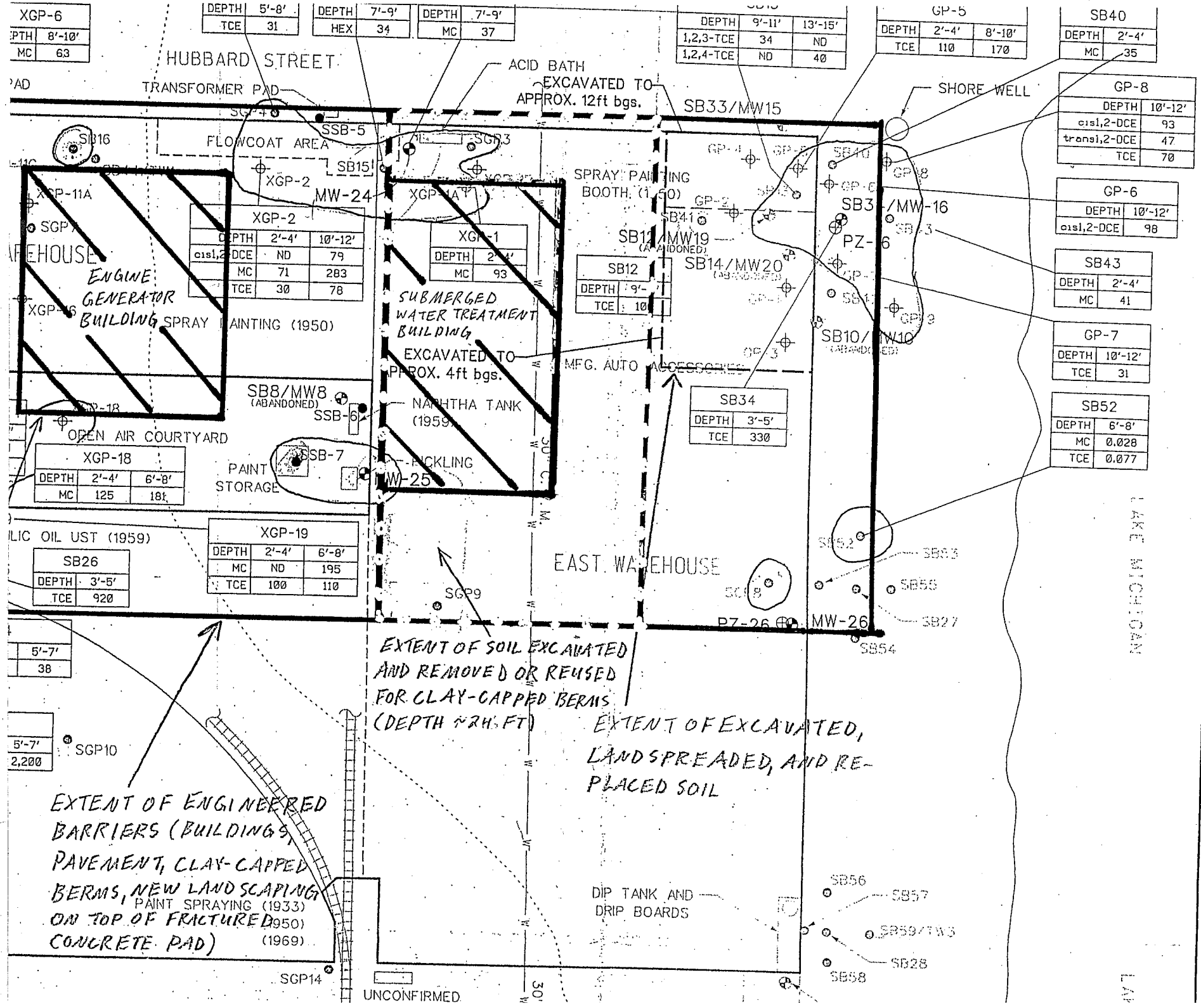
- Re-pave or patch asphalt/concrete were it is broken or crumbled and direct contact with the underlying material is possible.

- Conduct yearly inspections of landscape berms to identify development of low spots in the berms, lack of vegetation grown, erosion, etc.

- Place clean soil in low spots, if identified, and re-seed any bare areas within the landscape berms to promote vegetation growth.

Excavation area map 1





Excavation area map 2

DOC # 2104118
Recorded
OCT. 03, 2006 AT 03:48PM

James A. Ladwig

JAMES A LADWIG
RACINE COUNTY
REGISTER OF DEEDS
Fee Amount: $13.00
Fee Exempt 77.25-(2)

THIS SPACE RESERVED FOR RECORDING DATA

NAME AND RETURN ADDRESS
RACINE CITY ATTORNEY
730 WASHINGTON AV
RACINE WI 53403

13 -

276 0000 02468000
PARCEL IDENTIFICATION NUMBER

WARRANTY DEED
STATE OF WISCONSIN — FORM 855

DOCUMENT NO.

THIS INDENTURE, Made this 29th day of September, A.D., ~~XX~~2006 between City of Racine, a municipal corporation, ~~XXXXXXXXX~~ duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Racine, Wisconsin, party of the first part, and Racine Water Utility, a body politic and corporate, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Racine, Wisconsin, party of the second part.

Witnesseth, That the said party of the first part, for and in consideration of the sum of One dollar and other good and valuable consideration Dollars, to it paid by the said party of the second part, the receipt whereof is hereby confessed and acknowledged, has given, granted, bargained, sold, remised, released, aliened, conveyed and confirmed, and by these presents, does give, grant, bargain, sell, remise, release, alien, convey and confirm unto the said party of the second part, its successors and assigns forever, the following described real estate situated in the County of Racine and State of Wisconsin, to-wit:

see reverse for legal description
commonly known as 1231 Michigan Blvd

(IF NECESSARY, CONTINUE DESCRIPTION ON REVERSE SIDE)

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

To Have and to Hold the said premises as above described with the hereditaments and appurtenances, unto the said party of the second part, and to its successors and assigns FOREVER.

And the said City of Racine party of the first part, for itself and its successors, does covenant, grant, bargain and agree to and with the said party of the second part, its successors and assigns, that at the time of the ensealing and delivery of these presents it is well seized of the premises above described, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the same are free and clear from all incumbrances whatever, excepting therefrom governmental laws and zoning ordinances regulating and restricting the use of the premises, easements for public utilities, and conditions and covenants of record

and that the above bargained premises in the quiet and peaceable possession of the said party of the second part, its successors and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, it will forever WARRANT and DEFEND.

In Witness Whereof, the said City of Racine, party of the first part, has caused these presents to be signed by Gary Becker, its Mayor, ~~XXXXXXXX~~ and countersigned by Janice M. Johnson-Martin, its City Clerk, ~~XXXXXXXX~~ at Racine, Wisconsin, and its corporate seal to be hereunto affixed, this 29th day of September, 2006, A.D., ~~XX~~

SIGNED AND SEALED IN PRESENCE OF

City of Racine
Corporate Name

Mayor Gary Becker
President
Gary Becker, Mayor

COUNTERSIGNED:
Janice M. Johnson-Martin
Secretary
Janice M. Johnson-Martin, City Clerk

State of Wisconsin, } ss.
Racine County.

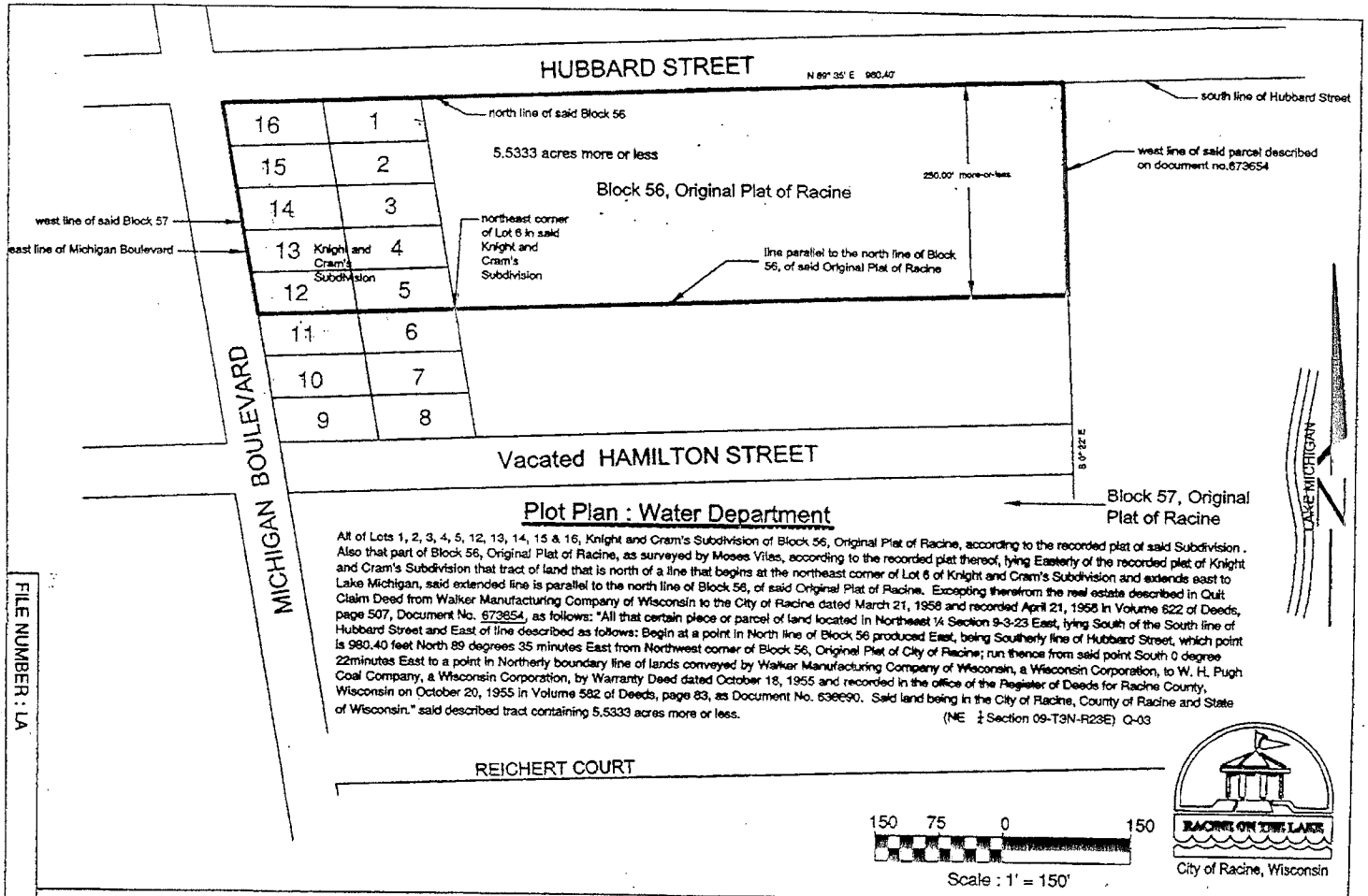
Personally came before me, this 29th day of September, 2006, A.D., ~~XX~~, Gary Becker, Mayor, ~~XXXXXXX~~ and Janice M. Johnson-Martin, City Clerk, ~~XXXXXXX~~ of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known ~~XXXXXXXXXXXXXX~~ and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

Stacey Salvo
Stacey Salvo
Notary Public, Racine County, Wis.
My commission (expires) (is) 10-11-2008

NOTARY SEAL

THIS INSTRUMENT WAS DRAFTED BY
Racine City Attorney

(Section 59.51 (1) of the Wisconsin Statutes provides that all instruments to be recorded shall have plainly printed or typewritten thereon the names of the grantors, grantees, witnesses and notary. Section 59.513 similarly requires that the name of the person who, or governmental agency which, drafted such instrument, shall be printed, typewritten, stamped or written thereon in a legible manner.)



Plot Plan : Water Department

All of Lots 1, 2, 3, 4, 5, 12, 13, 14, 15 & 16, Knight and Cram's Subdivision of Block 56, Original Plat of Racine, according to the recorded plat of said Subdivision . Also that part of Block 56, Original Plat of Racine, as surveyed by Moses Vilas, according to the recorded plat thereof, lying Easterly of the recorded plat of Knight and Cram's Subdivision that tract of land that is north of a line that begins at the northeast corner of Lot 6 of Knight and Cram's Subdivision and extends east to Lake Michigan, said extended line is parallel to the north line of Block 56, of said Original Plat of Racine. Excepting therefrom the real estate described in Quit Claim Deed from Walker Manufacturing Company of Wisconsin to the City of Racine dated March 21, 1958 and recorded April 21, 1958 in Volume 622 of Deeds, page 507, Document No. 673654, as follows: "All that certain piece or parcel of land located in Northeast ¼ Section 9-3-23 East, lying South of the South line of Hubbard Street and East of line described as follows: Begin at a point in North line of Block 56 produced East, being Southerly line of Hubbard Street, which point is 980.40 feet North 89 degrees 35 minutes East from Northwest corner of Block 56, Original Plat of City of Racine; run thence from said point South 0 degree 22minutes East to a point in Northerly boundary line of lands conveyed by Walker Manufacturing Company of Wisconsin, a Wisconsin Corporation, to W. H. Pugh Coal Company, a Wisconsin Corporation, by Warranty Deed dated October 18, 1955 and recorded in the office of the Register of Deeds for Racine County, Wisconsin on October 20, 1955 in Volume 582 of Deeds, page 83, as Document No. 636690. Said land being in the City of Racine, County of Racine and State of Wisconsin." said described tract containing 5.5333 acres more or less.

(NE ¼ Section 09-T3N-R23E) Q-03

FILE NUMBER : LA

CITY ENGINEER'S OFFICE RACINE, WISCONSIN CODE : 18111 (N.E. 1/4 SECTION 09 T.3N. R.23E.) Q-03

Heritage LA 1231 Michigan

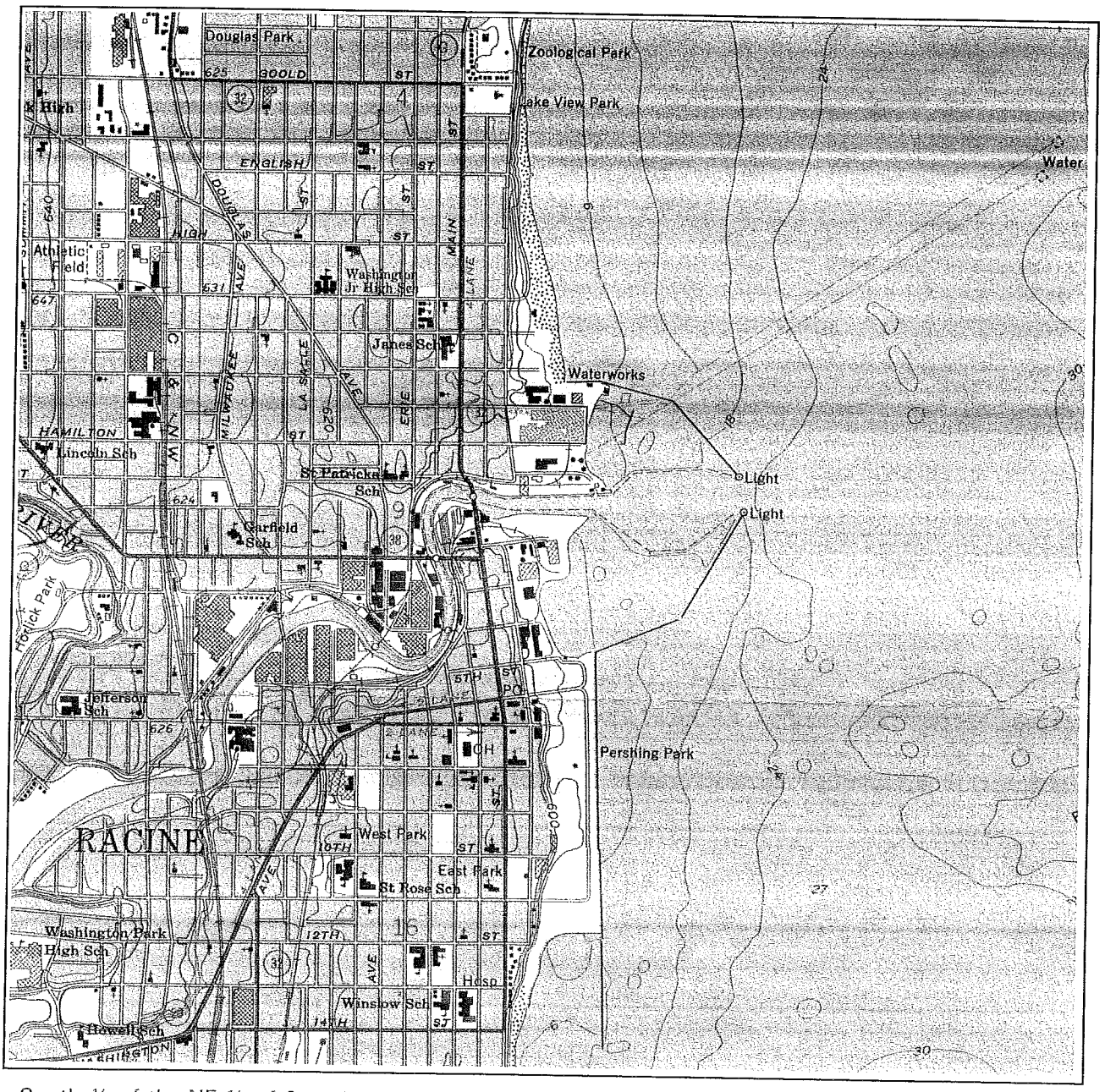
APPROVED : JJE DATE : 10-25-2001 Parcel Identification Number : 276 0000 02468 000

DRAWN : D R M DATE : 10-2001 RESOLUTION NO : VOLUME : PAGE : DOCUMENT NUMBER :

Revisions :

Revisions :

Scale : 1"=150'



South ½ of the NE ¼ of Sec. 9, T3N, R23E Adapted from U.S.G.S. 7.5 minute series, Racine South, Wisconsin, quadrangle dated 1958 (photorevised 1971 and 1976).

SCALE 1:24 000

1 ½ 0 1 MILE

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

1 .5 0 1 KILOMETER

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

N

Figure 1. Site Location Map
Former Walker Manufacturing Co.
1201 Michigan Blvd., Racine, Wisconsin

SIGMA
ENVIRONMENTAL SERVICES INC.

6894fig1.ppt

STATEMENT BY RESPONSIBLE PARTY

The Racine Water and Wastewater Utility, the owner of the property located at 1201 North Michigan Boulevard, Racine, Wisconsin, states that the legal description provided to the Wisconsin Department of Natural Resources (and attached to this statement) for case file reference 02-52-216262 is complete and accurate to the best of our knowledge.

Signature of Representative for Responsible Party

7-31-06
Date

Table 1 - Static Groundwater Elevations
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference #6894

Monitoring Well	Date	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Top of Casing Elevation (feet MSL)	Ground Surface Elevation (feet MSL)	Well Screen Interval (feet bgs)
MW-11	08/16/96	5.08	581.90	586.98	587.41	3 - 13
	03/26/98	4.95	582.03			
	05/18/99	5.60	581.38			
	10/07/99	5.23	581.75			
	10/31/01	4.57	582.45	587.02	587.39	
	10/09/03	6.54	580.48			
	Well Abandoned By Excavation for New Water Main ~ 2004					
MW-12	08/16/96	5.00	581.51	586.51	586.95	3 - 13
	03/26/98	5.16	581.35			
	05/18/99	6.34	580.17			
	10/07/99	6.41	580.10			
	10/31/01	NM	NM			
	03/25/02	NM - Could Not Locate				
	10/09/03	NM - Could Not Locate				
	03/28/05	6.82	579.69			
	12/22/05	NM - Inaccessible				
MW-13	08/16/96	9.01	592.35	601.36	601.67	3 - 13
	03/26/98	8.92	592.44			
	05/18/99	8.99	592.37			
	10/07/99	8.95	592.41			
	10/31/01	8.92	592.47	601.39	601.67	
	12/09/02	8.93	592.46			
	10/09/03	9.12	592.27			
	Well Abandoned By Excavation for New Water Main ~ 2004					
MW-14	08/16/96	7.17	581.93	589.10	589.49	3 - 13
	03/26/98	6.65	582.45			
	05/18/99	7.66	581.44			
	10/07/99	6.11	582.99			
	10/31/01	5.34	583.75	589.09	589.44	
	12/09/02	12.11	576.98			
	10/09/03	10.60	578.49	(TOC broken - Survey/GW Elev may be impacted)		
	Well Destroyed ~2004					
MW-15	08/16/96	5.08	581.44	586.52	586.91	3 - 13
	03/26/98	NM	NM			
	05/18/99	5.90	580.62			
	10/07/99	5.47	581.05			
	10/31/01	NM	NM	---	---	
MW-16	08/16/96	6.16	581.59	587.75	588.09	3 - 13
	03/26/98	6.60	581.15			
	05/18/99	7.70	580.05			
	10/07/99	7.57	580.18			
	10/31/01	7.17	580.58	587.75	588.31	
	03/25/02	8.18	579.57			
	12/09/02	8.62	579.13			
	10/09/03	9.00	578.75			
	Well Destroyed ~2004					
MW-17	08/16/96	6.07	582.31	588.38	588.93	3 - 13
	03/26/98	6.21	582.17			
	05/18/99	7.00	581.38			
	10/07/99	6.05	582.33			
	10/31/01	5.06	583.31	588.37	588.85	
	03/25/02	6.48	581.89			
	10/09/03	7.71	580.66			
	03/29/05	6.48	581.89			
	12/22/05	7.40	580.97			

Notes:

Initial survey completed by RSV Engineering, Inc. of Mukwonago, WI on August 9, 1996.
Second survey completed by Sigma Development, Inc. of Oak Creek, WI on December 3, 2001.
Well screen interval shown as reported on monitoring well construction forms; depth in feet below ground surface.
NM = Not Measured
--- = Not surveyed in December 2001

Table 1 - Static Groundwater Elevations
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference #6894

Monitoring Well	Date	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Top of Casing Elevation (feet MSL)	Ground Surface Elevation (feet MSL)	Well Screen Interval (feet bgs)
MW-18	08/16/96	6.22	582.41	588.63	589.06	3 - 13
	03/26/98	6.74	581.89			
	05/18/99	7.43	581.20			
	10/07/99	6.31	582.32			
	10/31/01	5.41	583.22	588.63	588.97	
	03/25/02	6.81	581.82			
	10/09/03	Obstructed at 4.31 feet				
	03/29/05	Obstructed at 4.3 feet				
MW-19	08/16/96	6.89	581.52	588.41	588.99	3 - 13
	03/26/98	6.74	581.67			
	05/18/99	8.13	580.28			
	10/07/99	7.93	580.48			
	10/31/01	NM	abandoned	---	---	
MW-20	08/16/96	6.94	581.53	588.47	588.99	3 - 13
	03/26/98	NM	NM			
	05/18/99	8.18	580.29			
	10/07/99	8.03	580.44			
	10/31/01	NM	abandoned	---	---	
MW-21	10/31/01	5.10	583.59	588.69	589.03	3 - 13
	03/25/02	6.43	582.26			
	12/09/02	9.30	579.39			
	10/09/03	9.90	578.79			
	03/29/05	8.70	579.99			
	12/22/05	9.50	579.19			
MW-22	10/31/01	5.36	583.20	588.56	588.85	3 - 13
	03/25/02	6.73	581.83			
	12/09/02					
	10/09/03	12.90	575.66			
	03/29/05	11.92	576.64			
	12/22/05	10.46	578.10			
MW-23	10/31/01	5.76	582.95	588.71	589.02	3 - 13
	03/25/02	6.88	581.83			
	10/09/02	12.41	576.30			
	03/29/05	11.64	577.07			
	12/22/05	8.20	580.51			
MW-24	10/31/01	6.35	582.33	588.68	589.01	3 - 13
	03/25/02	7.73	580.95			
	10/09/03	NM - Could Not Locate				
	Well Abandoned by Excavation for SWTB ~ 2004					
MW-25	10/31/01	6.25	582.48	588.73	589.09	3 - 13
	03/25/02	7.87	580.86			
	10/09/03	11.93	576.80			
	Well Abandoned 12/11/03					
MW-26	10/31/01	8.22	580.64	588.86	589.23	4 - 14
	03/25/02	9.33	579.53			
	10/09/03	10.04	578.82			
	Well Destroyed ~2004					
PZ-16	10/31/01	7.15	580.59	587.74	588.09	18 - 23
	03/25/02	8.18	579.56			
	10/09/03	8.98	578.76			
	03/29/05	7.98	579.76			
	Well Buried Under New Permanent Berm in 2005					
PZ-18	10/31/01	5.50	583.16	588.66	588.98	19.5 - 24.5
	03/25/02	6.91	581.75			
	10/09/03	10.97	577.69			
	03/29/05	9.91	578.75			
	12/22/05	10.68	577.98			
PZ-26	10/31/01	8.01	580.69	588.70	589.07	18 - 23
	03/25/02	9.13	579.57			
	10/09/03	9.90	578.80			
	Well Destroyed ~2004					

Notes:

Initial survey completed by RSV Engineering, Inc. of Mukwonago, WI on August 9, 1996.
Second survey completed by Sigma Development, Inc. of Oak Creek, WI on December 3, 2001.
Well screen interval shown as reported on monitoring well construction forms; depth in feet below ground surface.
NM = Not Measured
--- = Not surveyed in December 2001

Table 4 - Groundwater Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference #6894

Well ID		MW-2	MW-3	MW-4	MW-8	MW-10	MW-11					MW-12					MW-13						NR 140	NR 140
Date Collected		02/1995	02/1995	02/1995	02/1995	02/1995	06/05/1996	05/18/1999	10/07/1999	10/31/2001	10/09/2003	06/05/1996	03/27/1998	05/18/1999	10/07/1999	03/28/2005	06/05/1996	05/18/1999	10/07/1999	10/31/2001	12/09/2002	10/09/2003	ES	PAL
DRO	mg/L	NA	ND	NA	NA	NA	ND	NA	NA	NA	NA	0.7	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NS	NS
GRO	mg/L	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	0.2	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NS	NS
Volatile Organic Compounds																								
Benzene	µg/L	ND	ND	ND	ND	**1.7**	ND	ND	ND	<0.48	NA	ND	ND	ND	ND	<0.25	ND	ND	ND	<0.48	<0.25	NA	5.0	0.5
n-Butylbenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<0.61	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.61	<0.65	NA	NS	NS
sec-Butylbenzene	µg/L	ND	ND	ND	ND	11	ND	ND	ND	<0.49	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.49	<0.62	NA	NS	NS
tert-Butylbenzene	µg/L	ND	ND	ND	ND	36	ND	ND	ND	<0.5	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.5	<0.96	NA	NS	NS
1,1-Dichloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<0.48	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.48	<0.87	NA	850	85
1,2-Dichloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<0.47	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.47	<0.55	NA	5.0	0.5
cis-1,2-Dichloroethene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<0.73	NA	ND	ND	ND	NA	NA	ND	ND	ND	<0.73	<0.81	NA	70	7.0
Isopropylbenzene	µg/L	ND	ND	ND	ND	8.0	ND	ND	ND	<0.43	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.43	<0.66	NA	NS	NS
p -Isopropyltoluene	µg/L	ND	ND	ND	ND	1.9	ND	ND	ND	<0.57	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.57	<0.58	NA	NS	NS
Naphthalene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<0.59	NA	ND	ND	0.24	ND	NA	ND	ND	ND	<0.59	<0.63	NA	40	8.0
n-Propylbenzene	µg/L	ND	ND	ND	ND	8.1	ND	ND	ND	<0.64	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.64	<0.95	NA	NS	NS
Tetrachloroethene	µg/L	NA	NA	NA	NA	NA	ND	NA	NA	<0.57	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.57	<0.63	NA	NS	NS
Toluene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<0.47	NA	ND	ND	ND	ND	<0.11	ND	ND	ND	<0.47	<0.84	NA	1,000	200
Trichloroethene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<0.89	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.89	<0.39	NA	5.0	0.5
1,2,4-Trimethylbenzene	µg/L	ND	ND	ND	ND	21	ND	ND	ND	<0.51	NA	ND	ND	ND	ND	<0.25	ND	ND	ND	<0.51	<0.69	NA	--	--
1,3,5-Trimethylbenzene	µg/L	ND	ND	ND	ND	15	ND	ND	ND	<0.52	NA	ND	ND	ND	ND	<0.19	ND	ND	ND	<0.52	<0.64	NA	--	--
Total Trimtheylbenzenes	µg/L	ND	ND	ND	ND	36	ND	ND	ND	<0.52	NA	ND	ND	ND	ND	<0.25	ND	ND	ND	<0.52	<0.69	NA	480	96
Vinyl Chloride	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<0.18	NA	ND	ND	ND	ND	NA	ND	NA	ND	<0.18	<0.11	NA	0.2	0.02
Total Xylenes	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	<1.94	NA	ND	ND	ND	ND	<0.39	ND	ND	ND	<1.94	<1.83	NA	10,000	1,000
Polyaromatic Hydrocarbons																								
Acenaphthene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	<0.018	<0.018	1.5	ND	7.2	ND	<0.36	ND	ND	ND	<0.018	<0.018	<0.018	NS	NS
Acenaphthylene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	<0.023	<0.019	ND	1.6	ND	ND	<0.75	ND	ND	ND	<0.023	<0.019	<0.019	NS	NS
Anthracene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	<0.02	<0.02	ND	ND	3.9	ND	<0.041	ND	0.053	ND	<0.02	0.027	<0.02	3,000	600
Benzo(a)anthracene	µg/L	NA	ND	NA	NA	NA	ND	0.082	ND	0.031	0.027	0.16	0.083	4.8	ND	<0.048	ND	0.21	ND	0.044	0.1	0.042	NS	NS
Benzo(a)pyrene	µg/L	NA	ND	NA	NA	NA	ND	**0.086**	ND	**0.035**	**0.028**	ND	**0.069**	**4.6**	ND	<0.035	ND	**0.15**	ND	**0.035**	**0.081**	**0.037**	0.2	0.02
Benzo(b)fluoranthene	µg/L	NA	ND	NA	NA	NA	ND	**0.056**	ND	**0.04**	**0.031**	ND	ND	**1.9**	ND	<0.11	ND	**0.065**	ND	**0.034**	**0.064**	**0.032**	0.2	0.02
Benzo(g,h,i)perylene	µg/L	NA	ND	NA	NA	NA	ND	0.22	ND	0.025	0.023	0.22	ND	5.5	ND	<0.13	ND	0.39	ND	0.022	0.047	0.029	NS	NS
Benzo(k)fluoranthene	µg/L	NA	ND	NA	NA	NA	ND	0.14	ND	0.03	0.027	ND	0.033	1.1	ND	<0.053	ND	0.038	ND	0.021	0.053	0.029	NS	NS
Chrysene	µg/L	NA	ND	NA	NA	NA	ND	**0.021**	ND	**0.035**	**0.042**	**0.14**	**0.093**	**3.6**	ND	<0.044	ND	**0.058**	ND	**0.037**	**0.066**	**0.045**	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	<0.017	<0.016	ND	ND	0.57	ND	<0.14	ND	ND	ND	<0.017	0.019	<0.016	NS	NS
Fluoranthene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	0.07	0.061	0.49	0.28	8.2	ND	<0.087	ND	0.52	ND	0.075	0.17	0.07	400	80
Fluorene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	<0.021	<0.017	0.31	0.42	11	ND	<0.067	ND	ND	ND	<0.021	<0.017	<0.017	400	80
Indeno(1,2,3-cd)pyrene	µg/L	NA	ND	NA	NA	NA	ND	0.078	ND	0.021	0.023	0.33	ND	3.4	ND	<0.067	ND	0.14	ND	0.02	0.042	0.022	NS	NS
1-Methylnaphthalene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	<0.027	<0.018	ND	ND	2.5	ND	<0.35	ND	ND	ND	<0.027	<0.017	<0.018	NS	NS
2-Methylnaphthalene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	<0.028	<0.017	ND	ND	4.2	ND	<0.33	ND	ND	ND	<0.028	0.02	<0.017	NS	NS
Naphthalene	µg/L	NA	ND	NA	NA	NA	ND	ND	ND	0.03	0.025	ND	ND	2.5	ND	<0.43	ND	ND	ND	0.059	0.053	0.027	40	8.0
Phenanthrene	µg/L	NA	ND	NA	NA	NA	ND	0.065	ND	<0.019	0.019	0.83	ND	2.8	ND	<0.032	ND	0.33	ND	0.05	0.1	0.044	NS	NS
Pyrene	µg/L	NA	ND	NA	NA	NA	ND	0.17	ND	0.05	0.064	0.43	0.19	5.4	ND	<0.048	ND	0.096	ND	0.06	0.12	0.065	250	50
Inorganics:																								
Arsenic, Dissolved	mg/L	**0.014**	ND	ND	ND	0.0041	**0.005**	ND	0.0036	0.0012	NA	0.002	ND	0.0037	ND	NA	ND	ND	ND	0.001	**0.013**	**1.6**	0.05	0.005
Barium, Dissolved	mg/L	**0.41**	**0.4**	**0.84**	**1.0**	**1.2**	0.14	0.044	0.054	0.068	NA	0.16	0.35	0.16	0.14	NA	0.093	0.034	0.046	0.042	0.035	NA	2.0	0.4
Cadmium, Dissolved	mg/L	**0.0027**	**0.0019**	ND	NA	ND	ND	ND	ND	0.00015	NA	ND	ND	ND	ND	NA	0.0004	0.00043	0.00018	0.00026	0.00014	NA	0.005	0.0005
Chromium, Dissolved	mg/L	**0.12**	**0.082**	**0.046**	**0.28**	**0.039**	ND	0.0003	ND	0.00072	NA	ND	ND	0.0003	ND	NA	ND	0.00022	0.00081	0.0008	<0.00038	NA	0.1	0.01
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.04
Lead, Dissolved	mg/L	**0.16**	**0.088**	**0.043**	NA	**0.087**	**0.004**	ND	ND	<0.00039	NA	ND	ND	ND	ND	NA	ND	ND	ND	<0.00039	<0.0009	NA	0.015	0.0015
Manganese, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.16	NA	NA	NS	NS
Mercury, Dissolved	mg/L	ND	ND	ND	**0.0016**	**0.0002**	ND	0.000039	ND	<0.000088	NA	ND	NA	0.000042	ND	NA	ND	0.000033	ND	<0.000088	<0.00028	NA	0.002	0.0002
Nitrogen, NO3 + NO2	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.072	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.46	NA	NA	10	2.0
Selenium, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	0.0012	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0041	0.007	NA	0.05	0.01
Silver, Dissolved	mg/L	**0.012**	ND	ND	ND	ND	ND	ND	ND	<0.00016	NA	ND	ND	ND	ND	NA	0.0006	ND	ND	<0.00016	<0.00014	NA	0.05	0.01
Sulfate	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	150	NA	NA	NA	NA	NA	NA	NA	NA	NA	1,000	NA	NA	NS	NS
Zinc, Dissolved	mg/L	NA	ND	ND	ND	ND	ND	ND	0.029	NA	NA	ND	ND	ND	0.05	NA	ND	0.029	0.035	NA	NA	NA	NS	NS
Polychlorinated Biphenyls:																								
Arocolor 1260	mg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1254	mg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1248	mg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1242	mg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1232	mg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1221	mg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1016	mg/L	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003

Notes:
Samples from 2/95 and 6/96 collected by Dames & Moore; samples since 3/98 collected by Sigma.
J = concentration estimated between Limit of Detection and Limit of Quantitation (flagged by lab)
µg/L = micrograms per liter (equivalent to parts per billion)
mg/l = milligrams per liter

NA = Not Analyzed
ND = Not Detected
NS =No Standard
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
Exceedances: BOLD = concentration exceeds Chapter NR 140 PAL
BOX = concentration exceeds Chapter NR 140 ES

Table 4 - Groundwater Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference #6894

Well ID		MW-14							MW-15			MW-16								NR 140	NR 140
Date Collected		06/05/1996	03/27/1998	05/18/1999	10/07/1999	10/31/2001	12/09/2002	10/09/2003	06/05/1996	05/18/1999	10/07/1999	06/05/1996	03/27/1998	05/18/1999	10/07/1999	10/31/2001	03/25/2002	12/09/2002	10/09/2003	ES	PAL
DRO	mg/L	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	0.2	NA	NA	NA	NA	NA	NA	NA	NS	NS
GRO	mg/L	ND	NA	NA	NA	NA	NA	NA	ND	NA	NA	ND	NA	NA	NA	NA	NA	NA	NA	NS	NS
Volatile Organic Compounds																					
Benzene	ug/L	ND	ND	ND	ND	<0.48	<0.25	NA	ND	ND	ND	ND	ND	ND	ND	<0.48	<0.48	<0.25	NA	5.0	0.5
n-Butylbenzene	ug/L	ND	ND	ND	ND	<0.61	<0.65	NA	ND	ND	ND	ND	ND	ND	ND	<0.61	<0.61	<0.65	NA	NS	NS
sec-Butylbenzene	ug/L	ND	ND	ND	ND	<0.49	<0.62	NA	ND	ND	ND	ND	ND	ND	ND	<0.49	<0.49	<0.62	NA	NS	NS
tert-Butylbenzene	ug/L	ND	ND	ND	ND	<0.5	<0.96	NA	ND	ND	ND	4.0	0.9[J]	5.5	8.3	4.6	9.1	9.9	NA	NS	NS
1,1-Dichloroethane	ug/L	ND	0.64[J]	ND	ND	<0.48	<0.87	NA	ND	ND	ND	ND	ND	ND	ND	<0.48	<0.85	<0.87	NA	850	85
1,2-Dichloroethane	ug/L	ND	ND	ND	ND	<0.47	<0.55	NA	ND	ND	ND	ND	ND	ND	**0.65**	<0.47	<0.47	<0.55	NA	5.0	0.5
cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	<0.73	<0.81	NA	ND	ND	ND	ND	ND	ND	ND	<0.73	<0.73	<0.81	NA	70	7.0
Isopropylbenzene	ug/L	ND	ND	ND	ND	<0.43	<0.66	NA	ND	ND	ND	ND	ND	ND	ND	<0.43	<0.43	<0.66	NA	NS	NS
p -Isopropyltoluene	ug/L	ND	ND	ND	ND	<0.57	<0.58	NA	ND	ND	ND	ND	ND	ND	ND	<0.57	<0.57	<0.58	NA	NS	NS
Naphthalene	ug/L	ND	ND	ND	ND	<0.59	<0.63	NA	ND	ND	ND	ND	ND	ND	ND	<0.59	<0.59	<0.63	NA	40	8.0
n-Propylbenzene	ug/L	ND	ND	ND	ND	<0.64	<0.95	NA	ND	ND	ND	ND	ND	ND	ND	<0.64	<0.64	<0.95	NA	NS	NS
Tetrachloroethene	µg/L	NA	NA	NA	NA	<0.57	<0.63	NA	NA	NA	NA	NA	NA	NA	NA	<0.57	<0.57	<0.63	NA	NS	NS
Toluene	ug/L	ND	ND	ND	ND	<0.47	<0.84	NA	ND	ND	ND	ND	ND	ND	ND	<0.47	<0.47	<0.84	NA	1,000	200
Trichloroethene	ug/L	ND	ND	ND	ND	<0.89	<0.39	NA	ND	ND	ND	ND	**0.62[J]**	ND	ND	<0.89	<0.89	<0.39	NA	5.0	0.5
1,2,4-Trimethylbenzene	ug/L	ND	ND	ND	ND	<0.51	<0.69	NA	ND	ND	ND	ND	ND	ND	ND	<0.51	<0.51	<0.69	NA	--	--
1,3,5-Trimethylbenzene	ug/L	ND	ND	ND	ND	<0.52	<0.64	NA	ND	ND	ND	ND	ND	ND	ND	<0.52	<0.52	<0.64	NA	--	--
Total Trimthylbenzenes	ug/L	ND	ND	ND	ND	<0.52	<0.69	NA	ND	ND	ND	ND	ND	ND	ND	<0.52	<0.52	<0.69	NA	480	96
Vinyl Chloride	ug/L	ND	ND	ND	ND	<0.18	<0.11	NA	ND	ND	ND	ND	ND	**2.9**	**2.5**	<0.18	**0.58**	**0.5**	NA	0.2	0.02
Total Xylenes	ug/L	ND	ND	ND	ND	<1.94	<1.83	NA	ND	ND	ND	ND	ND	ND	ND	<1.94	<1.94	<1.83	NA	10,000	1,000
Polyaromatic Hydrocarbons																					
Acenaphthene	µg/L	NA	ND	ND	ND	<0.018	0.019	<0.018	ND	ND	ND	ND	ND	ND	5.3	0.34	0.54	0.45	0.4	NS	NS
Acenaphthylene	µg/L	NA	**0.61**	ND	ND	<0.023	0.023	<0.019	ND	ND	ND	ND	ND	ND	ND	0.044	0.041	0.031	<0.019	NS	NS
Anthracene	µg/L	NA	0.012[J]	0.051	ND	<0.02	0.046	<0.02	ND	0.052	ND	ND	ND	0.91	0.13	0.1	0.1	0.07	0.029	3,000	600
Benzo(a)anthracene	µg/L	NA	0.06	0.56	ND	0.052	0.22	0.041	ND	0.023	ND	0.17	ND	1.8	0.38	0.24	0.23	0.15	0.09	NS	NS
Benzo(a)pyrene	µg/L	NA	**0.069**	**0.19**	ND	**0.045**	**0.16**	**0.032**	ND	**0.053**	ND	ND	ND	**1.2**	**0.13**	**0.17**	**0.19**	**0.11**	**0.065**	0.2	0.02
Benzo(b)fluoranthene	µg/L	NA	ND	**0.084**	ND	**0.047**	**0.13**	**0.029**	ND	ND	ND	ND	ND	**0.55**	**0.14**	**0.16**	**0.17**	**0.087**	**0.052**	0.2	0.02
Benzo(g,h,i)perylene	µg/L	NA	ND	0.42	ND	0.031	0.12	0.028	ND	ND	ND	0.3	ND	1.9	ND	0.1	0.11	0.055	0.042	NS	NS
Benzo(k)fluoranthene	µg/L	NA	0.031	0.11	ND	0.026	0.086	0.024	ND	ND	ND	ND	ND	0.33	0.21	0.091	0.14	0.06	0.047	NS	NS
Chrysene	µg/L	NA	**0.09**	**0.09**	ND	**0.045**	**0.16**	**0.045**	ND	ND	ND	ND	ND	**0.61**	**0.26**	**0.16**	**0.21**	**0.093**	**0.078**	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	NA	ND	ND	ND	<0.017	0.043	<0.016	ND	ND	ND	ND	ND	ND	ND	0.04	0.04	0.02	<0.016	NS	NS
Fluoranthene	µg/L	NA	0.2	0.97	ND	0.1	0.23	0.056	ND	0.35	ND	0.43	0.09	4.0	0.74	0.4	0.41	0.21	0.12	400	80
Fluorene	µg/L	NA	ND	ND	ND	<0.021	0.028	<0.017	ND	ND	ND	ND	ND	ND	ND	<0.021	<0.021	<0.017	<0.017	400	80
Indeno(1,2,3-cd)pyrene	µg/L	NA	ND	0.17	ND	0.026	0.098	0.022	0.19	ND	ND	0.39	ND	1.1	ND	0.1	0.11	0.062	0.037	NS	NS
1-Methylnaphthalene	µg/L	NA	ND	ND	ND	<0.027	0.082	0.022	ND	ND	ND	ND	ND	ND	ND	0.03	<0.027	0.026	0.019	NS	NS
2-Methylnaphthalene	µg/L	NA	ND	ND	ND	0.029	0.1	0.029	ND	ND	ND	ND	ND	18	ND	0.037	<0.036	0.027	0.026	NS	NS
Naphthalene	µg/L	NA	ND	ND	ND	0.048	0.054	0.028	ND	ND	ND	ND	ND	ND	ND	0.061	0.043	0.028	0.051	40	8.0
Phenanthrene	µg/L	NA	0.17	0.44	ND	0.07	0.22	0.055	ND	ND	ND	0.26	ND	1.6	0.36	0.16	0.19	0.091	0.073	NS	NS
Pyrene	µg/L	NA	0.14	0.21	ND	0.082	0.23	0.06	ND	ND	ND	0.42	0.078	2.3	0.51	0.38	0.44	0.22	0.13	250	50
Inorganics:																					
Arsenic, Dissolved	mg/L	NA	ND	ND	ND	0.00039	0.00032	NA	0.002	ND	0.0048	0.003	ND	ND	0.0024	0.0018	NA	**0.0092**	**1.0**	0.05	0.005
Barium, Dissolved	mg/L	NA	0.054	0.054	0.042	0.038	0.052	NA	0.15	0.13	0.11	0.28	**0.49**	0.14	0.19	0.074	NA	0.16	NA	2.0	0.4
Cadmium, Dissolved	mg/L	NA	ND	ND	ND	<0.00007	<0.00009	NA	0.0003	ND	ND	ND	ND	ND	ND	<0.00007	NA	<0.00009	NA	0.005	0.0005
Chromium, Dissolved	mg/L	NA	0.002	ND	ND	0.00082	<0.00038	NA	ND	ND	ND	ND	0.004[J]	ND	0.00079	0.00081	NA	0.00038	NA	0.1	0.01
Cyanide, Total	mg/L	NA	**0.058**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.04
Lead, Dissolved	mg/L	NA	ND	ND	ND	**0.0019**	<0.009	NA	ND	ND	ND	ND	**0.18[J]**	ND	**0.0063**	<0.00039	<0.39	<0.00009	NA	0.015	0.0015
Manganese, Dissolved	mg/L	NA	NA	NA	NA	0.026	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.04	NA	NA	NA	NS	NS
Mercury, Dissolved	mg/L	NA	NA	0.00004	ND	<0.000088	<0.000028	NA	ND	0.000032	ND	ND	NA	0.000034	ND	<0.000088	NA	<0.000028	NA	0.002	0.0002
Nitrogen, NO3 + NO2	mg/L	NA	NA	NA	NA	1.7	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.12	NA	NA	NA	10	2.0
Selenium, Dissolved	mg/L	NA	NA	NA	NA	0.0036	0.0026	NA	NA	NA	NA	NA	NA	NA	NA	0.0018	NA	0.0014	NA	0.05	0.01
Silver, Dissolved	mg/L	NA	ND	ND	ND	<0.00016	<0.00014	NA	ND	ND	ND	ND	ND	ND	ND	0.0012	NA	<0.000014	NA	0.05	0.01
Sulfate	mg/L	NA	NA	NA	NA	85	NA	NA	NA	NA	NA	NA	NA	NA	NA	50	NA	NA	NA	NS	NS
Zinc, Dissolved	mg/L	NA	0.01[J]	ND	0.056	NA	NA	NA	ND	ND	0.036	ND	0.37	ND	0.05	NA	NA	NA	NA	NS	NS
Polychlorinated Biphenyls:																					
Aroclor 1260	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	0.03	0.003
Aroclor 1254	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	0.03	0.003
Aroclor 1248	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	0.03	0.003
Aroclor 1242	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	0.03	0.003
Aroclor 1232	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	0.03	0.003
Aroclor 1221	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	0.03	0.003
Aroclor 1016	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	NA	0.03	0.003

Notes:
Samples from 2/95 and 6/96 collected by Dames & Moore; samples since 3/98 collected by Sigma.
J = concentration estimated between Limit of Detection and Limit of Quantitation (flagged by lab)
µg/L = micrograms per liter (equivalent to parts per billion)
mg/l = milligrams per liter

NA = Not Analyzed
ND = Not Detected
NS =No Standard
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
Exceedances: BOLD = concentration exceeds Chapter NR 140 PAL
BOX = concentration exceeds Chapter NR 140 ES

Table 4 - Groundwater Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference #6894

Well ID		MW-17								MW-18						MW-19					MW-20				NR 140	NR 140
Date Collected		06/07/1996	03/27/1998	05/18/1999	10/07/1999	10/31/2001	03/25/2002	10/09/2003	12/22/2005	06/07/1996	03/27/1998	05/18/1999	10/07/1999	10/31/2001	03/25/2002	06/07/1996	03/27/1998	05/18/1999	10/07/1999	10/31/2001	06/07/1996	05/18/1999	10/07/1999	10/31/2001	ES	PAL
DRO	mg/L	0.5	NA	NA	NA	NA	NA	NA	NA	0.6	NA	NA	NA	NA	NA	5.7	NA	NA	NA		3.7	NA	NA		NS	NS
GRO	mg/L	ND	ND	NA	NA	NA	NA	NA	NA	ND	ND	NA	NA	NA	NA	1.0	NA	NA	NA		0.3	NA	NA		NS	NS
Volatile Organic Compounds																										
Benzene	ug/L	ND	ND	ND	ND	<0.48	NA	NA	<0.25	ND	ND	ND	ND	<0.48	<0.48	ND	**0.84**[J]	ND	ND	A	ND	ND	ND	A	5.0	0.5
n-Butylbenzene	ug/L	ND	ND	ND	ND	<0.61	NA	NA	NA	ND	ND	ND	ND	<0.61	<0.61	ND	3.7	ND	ND	B	ND	ND	ND	B	NS	NS
sec-Butylbenzene	ug/L	ND	ND	ND	ND	<0.49	NA	NA	NA	ND	ND	ND	ND	<0.49	<0.49	ND	8.3	3.2	1.6	A	6.0	ND	ND	A	NS	NS
tert-Butylbenzene	ug/L	ND	ND	ND	ND	<0.5	NA	NA	NA	ND	ND	ND	ND	<0.5	<0.5	ND	30	14	7.4	N	15	ND	ND	N	NS	NS
1,1-Dichloroethane	ug/L	ND	ND	ND	ND	<0.48	NA	NA	NA	ND	ND	ND	ND	<0.48	<0.85	ND	ND	ND	ND	D	ND	ND	ND	D	850	85
1,2-Dichloroethane	ug/L	ND	ND	ND	ND	<0.47	NA	NA	NA	ND	ND	ND	ND	<0.47	<0.47	ND	ND	**0.88**	**0.86**	O	ND	ND	ND	O	5.0	0.5
cis-1,2-Dichloroethene	ug/L	ND	ND	ND	ND	<0.73	NA	NA	NA	ND	ND	**1.4**	**1.5**	<0.73	<0.73	ND	**0.55**[J]	**0.71**	**0.79**	N	ND	ND	**0.61**	N	70	7.0
Isopropylbenzene	ug/L	ND	ND	ND	ND	<0.43	NA	NA	NA	ND	ND	ND	ND	<0.43	<0.43	ND	14	2.0	1.1	E	9.0	ND	ND	E	NS	NS
p -Isopropyltoluene	ug/L	ND	ND	ND	ND	<0.57	NA	NA	NA	ND	ND	ND	ND	<0.57	<0.57	ND	1.0[J]	ND	ND	D	8.0	ND	ND	D	NS	NS
Naphthalene	ug/L	ND	ND	ND	ND	<0.59	NA	NA	NA	ND	ND	ND	ND	<0.59	<0.59	ND	ND	ND	ND	M	1.0	ND	ND	M	40	8.0
n-Propylbenzene	ug/L	ND	ND	ND	ND	<0.64	NA	NA	NA	ND	ND	ND	ND	<0.64	<0.64	ND	16	2.0	ND	A	14	ND	ND	A	NS	NS
Tetrachloroethene	µg/L	NA	NA	NA	NA	0.62	NA	NA	NA	NA	NA	NA	NA	<0.57	<0.57	NA	NA	NA	NA	Y	NA	NA	NA	Y	NS	NS
Toluene	ug/L	ND	ND	ND	ND	<0.47	NA	NA	<0.11	ND	ND	ND	ND	<0.47	<0.47	ND	ND	ND	ND		4.0	ND	ND		1,000	200
Trichloroethene	ug/L	ND	ND	ND	ND	<0.89	NA	NA	NA	ND	ND	**0.7**	**4.2**	**4.6**	**3.3**	ND	ND	ND	ND	2	ND	**1.2**	**4.8**	2	5.0	0.5
1,2,4-Trimethylbenzene	ug/L	ND	ND	ND	ND	<0.51	NA	NA	<0.25	ND	ND	ND	ND	<0.51	<0.51	30	5.1	ND	ND	0	120	ND	ND	0	–	–
1,3,5-Trimethylbenzene	ug/L	ND	ND	ND	ND	<0.52	NA	NA	<0.19	ND	ND	ND	ND	<0.52	<0.52	75	11	1.0	4.3	0	91	ND	ND	0	–	–
Total Trimtheylbenzenes	ug/L	ND	ND	ND	ND	<0.52	NA	NA	<0.25	ND	ND	ND	ND	<0.52	<0.52	**105**	16.1	1.0	4.3	1	**211**	NA	ND	1	480	96
Vinyl Chloride	ug/L	ND	ND	ND	ND	<0.18	NA	NA	NA	ND	ND	ND	ND	<0.18	<0.18	ND	**2.0**[J]	**1.6**	**1.1**		ND	ND	ND		0.2	0.02
Total Xylenes	ug/L	ND	ND	ND	ND	<1.94	NA	NA	<0.39	ND	ND	ND	ND	<1.94	<1.94	ND	10.6	ND	ND		7.0	ND	ND		10,000	1,000
Polyaromatic Hydrocarbons																										
Acenaphthene	µg/L	ND	ND	ND	ND	<0.018	NA	<0.018	<0.85	ND	ND	ND	ND	<0.018	NA	3.3	ND	ND	ND	A	0.53	ND	ND	A	NS	NS
Acenaphthylene	µg/L	ND	ND	ND	ND	<0.023	NA	<0.019	<1.8	ND	ND	ND	ND	<0.023	NA	ND	ND	ND	ND	B	ND	ND	ND	B	NS	NS
Anthracene	µg/L	ND	ND	0.068	ND	0.035	NA	0.022	<0.097	ND	ND	0.2	ND	0.034	NA	1.0	ND	ND	ND	A	ND	ND	ND	A	3,000	600
Benzo(a)anthracene	µg/L	ND	ND	ND	ND	0.12	NA	0.032	<0.11	ND	ND	0.23	ND	0.093	NA	ND	ND	6.7	ND	N	ND	ND	ND	N	NS	NS
Benzo(a)pyrene	µg/L	ND	ND	**0.04**	ND	**0.09**	NA	**0.028**	<0.082	ND	**0.052**	**0.19**	ND	**0.096**	NA	**1.2**	ND	ND	ND	D	ND	ND	ND	D	0.2	0.02
Benzo(b)fluoranthene	µg/L	ND	ND	ND	ND	**0.1**	NA	**0.028**	<0.25	ND	ND	**0.076**	ND	**0.093**	NA	**0.7**	ND	ND	ND	O	ND	ND	ND	O	0.2	0.02
Benzo(g,h,i)perylene	µg/L	ND	ND	ND	ND	0.059	NA	0.02	<0.31	ND	ND	0.26	ND	0.066	NA	0.82	ND	ND	ND	N	ND	ND	ND	N	NS	NS
Benzo(k)fluoranthene	µg/L	ND	ND	ND	ND	0.06	NA	0.023	<0.13	ND	0.026	0.041	ND	0.055	NA	0.45	ND	ND	ND	E	0.2	ND	ND	E	NS	NS
Chrysene	µg/L	ND	ND	ND	ND	**0.096**	NA	**0.033**	<0.11	ND	**0.026**	**0.16**	ND	**0.08**	NA	**0.27**	ND	**4.2**	ND	D	**0.18**	ND	ND	D	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	ND	ND	ND	ND	0.023	NA	<0.016	<0.33	ND	ND	ND	ND	0.027	NA	0.51	ND	ND	ND		ND	ND	ND		NS	NS
Fluoranthene	µg/L	ND	ND	0.29	ND	0.17	NA	0.062	0.44[J]	ND	0.41	0.26	ND	0.11	NA	1.5	1.4	ND	ND	M	ND	ND	ND	M	400	80
Fluorene	µg/L	ND	0.074	ND	ND	<0.021	NA	<0.017	<0.16	ND	ND	ND	ND	<0.021	NA	0.38	ND	1.5	ND	A	0.5	ND	ND	A	400	80
Indeno(1,2,3-cd)pyrene	µg/L	ND	ND	ND	ND	0.057	NA	<0.021	<0.16	ND	ND	0.19	ND	0.062	NA	3.0	ND	ND	ND	Y	ND	ND	ND	Y	NS	NS
1-Methylnaphthalene	µg/L	ND	ND	ND	ND	<0.027	NA	<0.018	<0.82	ND	ND	ND	ND	<0.027	NA	12	ND	ND	ND		ND	ND	ND		NS	NS
2-Methylnaphthalene	µg/L	ND	ND	ND	ND	<0.028	NA	<0.017	<0.79	ND	ND	2.8	ND	<0.028	NA	3.7	ND	ND	ND	2	ND	ND	ND	2	NS	NS
Naphthalene	µg/L	ND	ND	ND	ND	0.048	NA	0.029	<1.0	ND	ND	ND	ND	0.029	NA	1.5	ND	ND	ND	0	ND	ND	ND	0	40	8.0
Phenanthrene	µg/L	ND	0.034	0.39	ND	0.079	NA	0.037	0.19[J]	ND	ND	0.27	ND	0.064	NA	0.97	0.64	1.4	ND	0	0.87	ND	ND	0	NS	NS
Pyrene	µg/L	ND	ND	0.099	ND	0.17	NA	0.047	0.57	ND	0.094	0.29	ND	0.1	NA	0.84	1.4	4.9	ND	1	ND	ND	ND	1	250	50
Inorganics:																										
Arsenic, Dissolved	mg/L	ND	ND	0.0046	ND	0.00062	NA	NA	NA	ND	ND	0.0025	0.0041	0.0023	NA	ND	**0.01**[J]	0.0022	ND		ND	ND	ND		0.05	0.005
Barium, Dissolved	mg/L	0.16	0.18	0.23	0.19	0.11	NA	NA	NA	0.12	0.16	0.13	0.14	0.11	NA	**0.058**	0.22	**0.11**	**0.085**		0.15	ND	0.29		2.0	0.4
Cadmium, Dissolved	mg/L	ND	ND	ND	ND	0.0052	<0.26	<0.25	NA	ND	ND	ND	ND	<0.00007	NA	ND	ND	ND	ND	A	ND	ND	ND	A	0.005	0.0005
Chromium, Dissolved	mg/L	ND	0.002[J]	0.00037	0.00027	0.00089	NA	NA	NA	ND	0.004[J]	0.00054	ND	0.00044	NA	ND	0.002[J]	ND	ND	B	ND	ND	ND	B	0.1	0.01
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	A	ND	NA	NA	A	0.2	0.04
Lead, Dissolved	mg/L	ND	ND	ND	ND	<0.00039	NA	NA	NA	ND	ND	ND	ND	<0.00039	NA	ND	ND	ND	ND	N	ND	0.16	ND	N	0.015	0.0015
Manganese, Dissolved	mg/L	NA	NA	NA	NA	0.064	NA	NA	NA	NA	NA	NA	NA	0.46	NA	NA	NA	NA	NA	D	NA	NA	NA	D	NS	NS
Mercury, Dissolved	mg/L	ND	NA	0.000035	ND	<0.000088	NA	NA	NA	ND	NA	0.000035	ND	<0.000088	NA	ND	NA	0.000039	ND	O	ND	0.000034	ND	O	0.002	0.0002
Nitrogen, NO3 + NO2	mg/L	NA	NA	NA	NA	0.95	NA	NA	NA	NA	NA	NA	NA	0.13	NA	NA	NA	NA	NA	N	NA	NA	NA	N	10	2.0
Selenium, Dissolved	mg/L	NA	NA	NA	NA	0.0018	NA	NA	NA	NA	NA	NA	NA	0.00076	NA	NA	NA	NA	NA	E	NA	NA	NA	E	0.05	0.01
Silver, Dissolved	mg/L	ND	ND	ND	ND	0.00035	NA	NA	NA	ND	ND	ND	ND	<0.00016	NA	ND	ND	ND	ND	D	ND	ND	ND	D	0.05	0.01
Sulfate	mg/L	NA	NA	NA	NA	220	NA	NA	NA	NA	NA	NA	NA	48	NA	NA	NA	NA	NA		NA	NA	NA		NS	NS
Zinc, Dissolved	mg/L	ND	ND	ND	0.057	NA	NA	NA	NA	ND	0.019[J]	0.016	0.028	NA	NA	ND	ND	ND	ND		ND	ND	0.04		NS	NS
Polychlorinated Biphenyls:																										
Arocolor 1260	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	NA	NA		NA	NA	NA		0.03	0.003
Arocolor 1254	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	NA	NA		NA	NA	NA		0.03	0.003
Arocolor 1248	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	NA	NA		NA	NA	NA		0.03	0.003
Arocolor 1242	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	NA	NA		NA	NA	NA		0.03	0.003
Arocolor 1232	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	NA	NA		NA	NA	NA		0.03	0.003
Arocolor 1221	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	NA	NA		NA	NA	NA		0.03	0.003
Arocolor 1016	mg/L	NA	ND	NA	NA	NA	NA	NA	NA	NA	ND	NA	NA	NA	NA	NA	ND	NA	NA		NA	NA	NA		0.03	0.003

Notes:
Samples from 2/95 and 6/96 collected by Dames & Moore; samples since 3/98 collected by Sigma.
J = concentration estimated between Limit of Detection and Limit of Quantitation (flagged by lab)
µg/L = micrograms per liter (equivalent to parts per billion)
mg/l = milligrams per liter

NA = Not Analyzed
ND = Not Detected
NS = No Standard
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
Exceedances: BOLD = concentration exceeds Chapter NR 140 PAL
BOX = concentration exceeds Chapter NR 140 ES

Table 4 - Groundwater Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference #6894

Well ID		MW-21						MW-22						MW-23						MW-24		MW-25				NR 140	NR 140
Date Collected		10/31/2001	03/25/2002	12/09/2002	10/09/2003	03/29/2005	12/22/2005	10/31/2001	03/25/2002	12/09/2002	10/09/2003	03/29/2005	12/22/2005	10/31/2001	03/25/2002	12/09/2002	10/09/2003	03/29/2005	12/22/2005	10/31/2001	03/25/2002	10/31/01	03/25/02	12/09/02	10/09/2003	ES	PAL
DRO	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
GRO	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Volatile Organic Compounds																											
Benzene	µg/L	<0.48	<0.48	<0.25	NA	NA	NA	<0.48	<0.48	<0.25	<0.41	<0.25	<0.25	<0.48	<0.48	<0.25	NA	NA	NA	<0.48	<0.48	<9.6	<4.8	<2.5	<0.82	5.0	0.5
n-Butylbenzene	µg/L	<0.61	<0.61	<0.65	NA	NA	NA	<0.61	<0.61	<0.65	<0.93	NA	NA	<0.61	<0.61	<0.65	NA	NA	NA	<0.61	<0.61	71	29	<6.5	<1.9	NS	NS
sec-Butylbenzene	µg/L	<0.49	<0.49	<0.62	NA	NA	NA	<0.49	<0.49	<0.62	<0.89	NA	NA	<0.49	<0.49	<0.62	NA	NA	NA	1.6	0.79	100	51	<6.2	38	NS	NS
tert-Butylbenzene	µg/L	<0.5	<0.5	<0.96	NA	NA	NA	<0.5	<0.5	<0.96	<0.97	NA	NA	<0.5	<0.5	<0.96	NA	NA	NA	1.9	0.9	37	<5.0	<9.6	15	NS	NS
1,1-Dichloroethane	µg/L	<0.48	<0.85	<0.87	NA	NA	NA	<0.48	<0.85	<0.87	<0.75	NA	NA	<0.48	<0.48	<0.87	NA	NA	NA	<0.48	<0.85	<9.6	<8.5	<8.7	<1.5	850	85
1,2-Dichloroethane	µg/L	<0.47	<0.47	<0.55	NA	NA	NA	<0.47	<0.47	<0.55	<0.36	NA	NA	<0.47	<0.47	<0.55	NA	NA	NA	1.1	1.1	<9.4	<4.7	<5.5	<0.72	5.0	0.5
cis-1,2-Dichloroethene	µg/L	<0.73	<0.73	<0.81	NA	NA	NA	<0.73	<0.73	<0.81	<0.83	NA	NA	<0.73	<0.73	<0.81	NA	NA	NA	<0.73	1.6	<15	<7.3	<8.1	<1.7	70	7.0
Isopropylbenzene	µg/L	<0.43	<0.43	<0.66	NA	NA	NA	<0.43	<0.43	<0.66	<0.59	NA	NA	<0.43	<0.43	<0.66	NA	NA	NA	4.6	5.5	64	43	44	43	NS	NS
p -Isopropyltoluene	µg/L	<0.57	<0.57	<0.58	NA	NA	NA	<0.57	<0.57	<0.58	<0.67	NA	NA	<0.57	<0.57	<0.58	NA	NA	NA	<0.57	<0.57	<11	<5.7	<5.8	<1.3	NS	NS
Naphthalene	µg/L	<0.59	<0.59	<0.63	NA	NA	NA	<0.59	<0.59	<0.63	<0.74	NA	NA	<0.59	<0.59	<0.63	NA	NA	NA	<0.59	<0.59	17	9.5	31	7.7	40	8.0
n-Propylbenzene	µg/L	<0.64	<0.64	<0.95	NA	NA	NA	<0.64	<0.64	<0.95	<0.81	NA	NA	<0.64	<0.64	<0.95	NA	NA	NA	1.1	0.93	120	77	79	68	NS	NS
Tetrachloroethene	µg/L	0.6	<0.57	<0.63	NA	NA	NA	1.5	<0.57	<0.63	<0.45	NA	NA	<0.57	<0.57	<0.63	NA	NA	NA	<0.57	<0.57	<11	<5.7	<6.3	<0.9	NS	NS
Toluene	µg/L	<0.47	<0.47	<0.84	NA	NA	NA	<0.47	<0.47	<0.84	<0.67	<0.11	<0.11	<0.47	<0.47	<0.84	NA	NA	NA	<0.47	<0.47	<9.4	<4.7	<8.4	<1.3	1,000	200
Trichloroethene	µg/L	1.4	<0.89	<0.39	NA	NA	NA	<0.89	<0.89	1.1	0.72	NA	NA	<0.89	<0.89	<0.39	NA	NA	NA	<0.89	<0.89	<18	<8.9	<3.9	<0.96	5.0	0.5
1,2,4-Trimethylbenzene	µg/L	<0.51	<0.51	<0.69	NA	NA	NA	<0.51	<0.6	1.4	<0.97	<0.25	<0.25	<0.51	<0.51	<0.69	NA	NA	NA	<0.51	<0.51	2,900	1,800	1,100	150	--	--
1,3,5-Trimethylbenzene	µg/L	<0.52	<0.52	<0.64	NA	NA	NA	<0.52	<0.52	<0.64	<0.83	<0.19	<0.19	<0.52	<0.52	<0.64	NA	NA	NA	<0.52	<0.52	12	<5.2	8.4	<1.7	--	--
Total Trimthylbenzenes	µg/L	<0.52	<0.52	<0.69	NA	NA	NA	<0.52	<0.6	1.4	<0.97	<0.25	<0.25	<0.52	<0.52	<0.69	NA	NA	NA	<0.52	<0.52	2,912	1,800	1,108	150	480	96
Vinyl Chloride	µg/L	<0.18	<0.18	<0.11	NA	NA	NA	<0.18	<0.18	<0.11	<0.18	NA	NA	<0.18	<0.18	<0.11	NA	NA	NA	<0.18	<0.18	<3.6	<1.8	<1.1	<0.36	0.2	0.02
Total Xylenes	µg/L	<1.94	<1.94	<1.83	NA	NA	NA	<1.94	<1.94	<1.83	<2.63	<0.39	<0.39	<1.94	<1.94	<1.83	NA	NA	NA	<1.94	<1.94	<39	<1.94	<18.3	<5.3	10,000	1,000
Polyaromatic Hydrocarbons																											
Acenaphthene	µg/L	<0.018	NA	<0.36	<0.018	<0.34	<0.34	0.16	1.7	0.13	0.042	<0.33	<0.34	<0.018	NA	<0.018	<0.018	<0.34	<0.34	0.03	NA	<0.36	NA	<0.45	NA	NS	NS
Acenaphthylene	µg/L	<0.023	NA	<0.38	0.025	<0.72	<0.7	0.16	0.81	0.062	0.056	<0.69	<0.7	<0.023	NA	0.022	<0.019	<0.72	<0.72	<0.023	NA	<0.46	NA	<0.47	NA	NS	NS
Anthracene	µg/L	0.038	NA	0.47	0.069	<0.04	<0.039	0.72	4.3	0.27	0.22	0.048	0.057[J]	0.036	NA	0.041	<0.02	<0.04	<0.04	0.091	NA	<0.4	NA	0.58	NA	3,000	600
Benzo(a)anthracene	µg/L	0.044	NA	2.0	0.28	<0.046	<0.045	0.73	5.9	0.41	0.48	0.1	0.13[J]	0.056	NA	0.21	0.026	<0.046	<0.046	0.056	NA	<0.38	NA	<0.3	NA	NS	NS
Benzo(a)pyrene	µg/L	0.048	NA	1.7	0.21	<0.033	<0.033	0.41	4.2	0.23	0.29	<0.032	0.091[J]	0.049	NA	0.15	0.022	<0.033	<0.033	0.041	NA	<0.24	NA	<0.35	NA	0.2	0.02
Benzo(b)fluoranthene	µg/L	0.051	NA	1.4	0.22	<0.1	<0.1	0.45	2.9	0.15	0.19	<0.098	<0.1	0.047	NA	0.15	0.022	<0.1	<0.1	0.039	NA	<0.28	NA	<0.33	NA	0.2	0.02
Benzo(g,h,i)perylene	µg/L	0.046	NA	0.95	0.17	<0.12	<0.12	0.24	1.6	0.091	0.14	<0.12	<0.12	0.037	NA	0.11	0.022	<0.12	<0.12	0.031	NA	<0.3	NA	<0.4	NA	NS	NS
Benzo(k)fluoranthene	µg/L	0.023	NA	1.1	0.15	<0.051	<0.05	0.27	2.9	0.14	0.22	<0.049	<0.05	0.027	NA	0.093	<0.019	<0.051	<0.051	0.023	NA	<0.26	NA	<0.47	NA	NS	NS
Chrysene	µg/L	0.042	NA	1.4	0.29	<0.043	<0.042	0.57	4.2	0.25	0.36	0.068	0.077[J]	0.047	NA	0.13	0.029	<0.043	<0.043	0.057	NA	<0.36	NA	<0.35	NA	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	<0.017	NA	0.37	0.06	<0.14	<0.13	0.13	0.77	0.056	0.066	<0.13	<0.13	<0.017	NA	0.051	<0.016	<0.14	<0.14	<0.017	NA	<0.34	NA	<0.4	NA	NS	NS
Fluoranthene	µg/L	0.074	NA	3.3	0.4	<0.084	<0.083	1.5	11	0.55	0.68	0.21	0.23[J]	0.09	NA	0.24	0.03	<0.084	<0.084	0.13	NA	<0.56	NA	0.46	NA	400	80
Fluorene	µg/L	<0.021	NA	<0.34	0.023	<0.064	<0.063	0.65	2.7	0.22	0.098	<0.062	<0.063	<0.021	NA	<0.017	<0.017	<0.064	<0.065	<0.021	NA	<0.42	NA	<0.42	NA	400	80
Indeno(1,2,3-cd)pyrene	µg/L	0.033	NA	0.91	0.14	<0.064	<0.063	0.26	1.6	0.11	0.14	<0.062	<0.063	0.029	NA	0.11	<0.021	<0.064	<0.065	0.025	NA	<0.28	NA	<0.53	NA	NS	NS
1-Methylnaphthalene	µg/L	<0.027	NA	<0.34	<0.018	<0.33	<0.33	0.26	0.91	0.055	0.026	<0.32	<0.33	0.044	NA	0.024	<0.018	<0.33	<0.33	0.072	NA	3.1	NA	1.7	NA	NS	NS
2-Methylnaphthalene	µg/L	<0.028	NA	<0.34	0.021	<0.32	<0.32	0.3	1.1	0.053	0.026	<0.31	<0.32	0.039	NA	0.022	<0.017	<0.32	<0.32	0.075	NA	<0.56	NA	1.6	NA	NS	NS
Naphthalene	µg/L	0.032	NA	<0.48	0.026	<0.42	<0.41	0.36	1.1	0.04	0.028	<0.4	<0.41	0.23	NA	0.032	0.03	<0.42	<0.42	0.27	NA	12	NA	8.3	NA	40	8.0
Phenanthrene	µg/L	0.048	NA	1.5	0.26	<0.031	<0.031	1.5	11	0.62	0.54	0.14	0.15	0.074	NA	0.11	0.02	<0.031	<0.031	0.095	NA	0.6	NA	0.47	NA	NS	NS
Pyrene	µg/L	0.077	NA	2.6	0.41	<0.046	<0.045	1.1	9.1	0.46	0.59	0.15	0.14[J]	0.081	NA	0.2	0.035	<0.046	<0.046	0.12	NA	<0.4	NA	<0.42	NA	250	50
Inorganics:																											
Arsenic, Dissolved	mg/L	0.00042	NA	0.0003	NA	NA	NA	0.0038	NA	0.0058	NA	0.0025	NA	0.0015	NA	<0.0082	NA	NA	NA	0.0042	NA	0.0046	NA	0.00015	NA	0.05	0.005
Barium, Dissolved	mg/L	0.063	NA	0.092	NA	NA	NA	0.17	NA	0.029	NA	NA	NA	0.16	NA	0.088	NA	NA	NA	0.18	NA	0.012	NA	0.0015	NA	2.0	0.4
Cadmium, Dissolved	mg/L	<0.00007	NA	<0.00009	NA	NA	NA	<0.00007	NA	<0.00009	NA	NA	NA	<0.00007	NA	<0.000053	NA	NA	NA	<0.00026	NA	<0.00007	NA	<0.00009	NA	0.005	0.0005
Chromium, Dissolved	mg/L	0.00087	NA	0.00046	NA	NA	NA	0.00085	NA	<0.0019	NA	NA	NA	0.001	NA	0.0016	NA	NA	NA	0.00059	NA	0.00079	NA	<0.00019	NA	0.1	0.01
Cyanide, Total	mg/L	0.026	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.04
Lead, Dissolved	mg/L	<0.00039	NA	<0.0009	NA	NA	NA	<0.00039	NA	<0.00009	NA	NA	NA	<0.00039	NA	0.00049	NA	NA	NA	0.0085	NA	<0.00039	NA	<0.00009	NA	0.015	0.0015
Manganese, Dissolved	mg/L	0.063	NA	NA	NA	NA	NA	0.31	NA	NA	NA	NA	NA	0.31	NA	NA	NA	NA	NA	0.51	NA	0.0031	NA	NA	NA	NS	NS
Mercury, Dissolved	mg/L	<0.000088	NA	<0.000028	NA	NA	NA	<0.000088	NA	<0.000028	NA	NA	NA	<0.000088	NA	<0.000028	NA	NA	NA	<0.000088	NA	<0.000088	NA	<0.000028	NA	0.002	0.0002
Nitrogen, NO3 + NO2	mg/L	1.1	NA	NA	NA	NA	NA	0.019	NA	NA	NA	NA	NA	1.2	NA	NA	NA	NA	NA	<0.014	NA	0.25	NA	NA	NA	10	2.0
Selenium, Dissolved	mg/L	0.0023	NA	<0.0019	NA	NA	NA	0.00061	NA	<0.00041	NA	NA	NA	0.0087	NA	<0.0035	NA	NA	NA	0.00085	NA	0.0013	NA	0.00062	NA	0.05	0.01
Silver, Dissolved	mg/L	<0.00016	NA	<0.00014	NA	NA	NA	<0.00016	NA	<0.0007	NA	NA	NA	<0.00016	NA	<0.00011	NA	NA	NA	<0.00011	NA	0.0013	NA	<0.0007	NA	0.05	0.01
Sulfate	mg/L	100	NA	NA	NA	NA	NA	93	NA	NA	NA	NA	NA	130	NA	NA	NA	NA	NA	54	NA	36	NA	NA	NA	NS	NS
Zinc, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Polychlorinated Biphenyls:																											
Arocolor 1260	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1254	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1248	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1242	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1232	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1221	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1016	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003

Notes:
Samples from 2/95 and 6/96 collected by Dames & Moore; samples since 3/98 collected by Sigma.
J = concentration estimated between Limit of Detection and Limit of Quantitation (flagged by lab)
µg/L = micrograms per liter (equivalent to parts per billion)
mg/l = milligrams per liter

NA = Not Analyzed
ND = Not Detected
NS =No Standard
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
Exceedances: BOLD = concentration exceeds Chapter NR 140 PAL
BOX = concentration exceeds Chapter NR 140 ES

Tab'e 4 - Groundwater Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference #6894

Well ID		MW-26				PZ-16					PZ-18						PZ-26				NR 140	NR 140
Date Collected		10/31/2001	03/25/2002	12/09/2002	10/09/2003	10/31/2001	03/25/2002	12/09/2002	10/09/2003	03/29/2005	10/31/2001	03/25/2002	12/09/2002	10/09/2003	03/29/2005	12/22/2005	10/31/2001	03/25/2002	12/09/2002	10/09/2003	ES	PAL
DRO	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
GRO	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Volatile Organic Compounds																						
Benzene	µg/L	<0.48	<0.48	<0.25	NA	<0.48	<0.48	<0.25	NA	NA	<0.48	<0.48	<0.25	<0.41	<0.25	<0.25	<0.48	<0.48	<0.25	<0.41	5.0	0.5
n-Butylbenzene	µg/L	<0.61	<0.61	<0.65	NA	<0.61	<0.61	<0.65	NA	NA	<0.61	<0.61	<0.65	<0.93	NA	NA	<0.61	<0.61	<0.65	<0.93	NS	NS
sec-Butylbenzene	µg/L	<0.49	<0.49	<0.62	NA	<0.49	<0.49	<0.62	NA	NA	<0.49	<0.49	<0.62	<0.89	NA	NA	<0.49	<0.49	<0.62	<0.89	NS	NS
tert-Butylbenzene	µg/L	<0.5	<0.5	<0.96	NA	<0.5	<0.5	<0.96	NA	NA	<0.5	<0.5	<0.96	<0.97	NA	NA	<0.5	<0.5	<0.96	<0.97	NS	NS
1,1-Dichloroethane	µg/L	<0.48	<0.85	<0.87	NA	<0.48	<0.85	<0.87	NA	NA	<0.48	<0.85	<0.87	<0.75	NA	NA	<0.48	<0.85	<0.87	<0.75	850	85
1,2-Dichloroethane	µg/L	<0.47	<0.47	<0.55	NA	<0.47	<0.47	<0.55	NA	NA	<0.47	<0.47	<0.55	<0.36	NA	NA	<0.47	<0.47	<0.55	<0.36	5.0	0.5
cis-1,2-Dichloroethene	µg/L	<0.73	<0.73	<0.81	NA	<0.73	<0.73	<0.81	NA	NA	**1.7**	**1.6**	<0.81	**1.8**	NA	NA	**0.75**	<0.73	<0.81	**1.2**	70	7.0
Isopropylbenzene	µg/L	<0.43	<0.43	<0.66	NA	<0.43	<0.43	<0.66	NA	NA	<0.43	<0.43	<0.66	<0.59	NA	NA	<0.43	<0.43	<0.66	<0.59	NS	NS
p -Isopropyltoluene	µg/L	<0.57	<0.57	<0.58	NA	<0.57	<0.57	<0.58	NA	NA	<0.57	<0.57	<0.58	<0.67	NA	NA	<0.57	<0.57	<0.58	<0.67	NS	NS
Naphthalene	µg/L	<0.59	<0.59	<0.63	NA	<0.59	<0.59	<0.63	NA	NA	<0.59	<0.59	<0.63	<0.74	NA	NA	<0.59	<0.59	<0.63	<0.74	40	8.0
n-Propylbenzene	µg/L	<0.64	<0.64	<0.95	NA	<0.64	<0.64	<0.95	NA	NA	<0.64	<0.64	<0.95	<0.81	NA	NA	<0.64	<0.64	<0.95	<0.81	NS	NS
Tetrachloroethene	µg/L	<0.57	<0.57	<0.63	NA	<0.57	<0.57	<0.63	NA	NA	<0.57	<0.57	<0.63	<0.45	NA	NA	<0.57	<0.57	<0.63	<0.45	NS	NS
Toluene	µg/L	<0.47	<0.47	<0.84	NA	<0.47	<0.47	<0.84	NA	NA	<0.47	<0.47	<0.84	<0.67	<0.11	<0.11	<0.47	<0.47	<0.84	<0.67	1,000	200
Trichloroethene	µg/L	<0.89	<0.89	<0.39	NA	<0.89	<0.89	<0.39	NA	NA	<0.89	<0.89	**1.3**	<0.48	NA	NA	<0.89	<0.89	<0.39	<0.48	5.0	0.5
1,2,4-Trimethylbenzene	µg/L	<0.51	<0.51	<0.69	NA	<0.51	<0.51	<0.69	NA	NA	<0.51	<0.51	<0.69	<0.97	<0.25	<0.25	<0.51	<0.51	<0.69	<0.97	--	--
1,3,5-Trimethylbenzene	µg/L	<0.52	<0.52	<0.64	NA	<0.52	<0.52	<0.64	NA	NA	<0.52	<0.52	<0.64	<0.83	<0.19	<0.19	<0.52	<0.52	<0.64	<0.83	--	--
Total Trimtheylbenzenes	µg/L	<0.52	<0.52	<0.69	NA	<0.52	<0.52	<0.69	NA	NA	<0.52	<0.52	<0.69	<0.97	<0.25	<0.25	<0.52	<0.52	<0.69	<0.97	480	96
Vinyl Chloride	µg/L	<0.18	<0.18	<0.11	NA	<0.18	<0.18	<0.11	NA	NA	**0.43**	**0.26**	<0.11	**0.23**	NA	NA	**1.5**	**1.2**	<0.11	**1.2**	0.2	0.02
Total Xylenes	µg/L	<1.94	<1.94	<1.83	NA	<1.94	<1.94	<1.83	NA	NA	<1.94	<1.94	<1.83	<2.63	<0.39	<0.39	<1.94	<1.94	<1.83	<2.63	10,000	1,000
Polyaromatic Hydrocarbons																						
Acenaphthene	µg/L	**0.066**	NA	**0.14**	**0.067**	<0.018	NA	<0.018	<0.018	<0.37	<0.018	NA	<0.018	<0.018	<0.34	<0.35	<0.018	NA	<0.018	<0.018	NS	NS
Acenaphthylene	µg/L	<0.023	NA	**0.028**	**0.019**	<0.023	NA	<0.019	<0.019	<0.77	<0.023	NA	<0.019	<0.019	<0.71	<0.73	<0.023	NA	<0.019	<0.019	NS	NS
Anthracene	µg/L	**0.072**	NA	**0.12**	**0.061**	<0.02	NA	**0.04**	<0.02	<0.042	<0.02	NA	**0.049**	<0.02	<0.039	<0.04	<0.02	NA	<0.02	<0.02	3,000	600
Benzo(a)anthracene	µg/L	**0.11**	NA	**0.22**	**0.1**	<0.019	NA	**0.17**	0.02	**0.067**	<0.019	NA	**0.24**	**0.081**	<0.045	<0.047	<0.019	NA	**0.029**	**0.025**	NS	NS
Benzo(a)pyrene	µg/L	**0.057**	NA	**0.14**	**0.062**	<0.012	NA	**0.13**	0.016	<0.036	<0.012	NA	**0.22**	**0.082**	<0.033	<0.034	<0.012	NA	**0.024**	**0.021**	0.2	0.02
Benzo(b)fluoranthene	µg/L	**0.056**	NA	**0.099**	**0.052**	<0.014	NA	**0.12**	0.014	<0.11	<0.014	NA	**0.18**	**0.079**	<0.1	<0.1	<0.014	NA	**0.022**	**0.019**	0.2	0.02
Benzo(g,h,i)perylene	µg/L	**0.032**	NA	**0.068**	**0.036**	<0.015	NA	**0.084**	<0.016	<0.13	<0.015	NA	**0.15**	**0.056**	<0.12	<0.13	<0.015	NA	**0.026**	**0.024**	NS	NS
Benzo(k)fluoranthene	µg/L	**0.029**	NA	**0.079**	**0.053**	<0.013	NA	**0.079**	<0.019	<0.054	<0.013	NA	**0.12**	**0.072**	<0.05	<0.052	<0.013	NA	<0.019	<0.019	NS	NS
Chrysene	µg/L	**0.092**	NA	**0.15**	**0.1**	<0.018	NA	**0.11**	**0.021**	**0.049**	<0.018	NA	**0.17**	**0.086**	<0.042	<0.044	<0.018	NA	**0.027**	**0.032**	0.2	0.02
Dibenzo(a,h)anthracene	µg/L	<0.017	NA	**0.028**	<0.016	<0.017	NA	**0.04**	<0.016	<0.14	<0.017	NA	**0.059**	**0.022**	<0.13	<0.14	<0.017	NA	<0.016	<0.016	NS	NS
Fluoranthene	µg/L	**0.18**	NA	**0.31**	**0.15**	<0.028	NA	**0.24**	**0.034**	**0.13**	<0.028	NA	**0.29**	**0.083**	<0.083	<0.086	<0.028	NA	**0.043**	**0.036**	400	80
Fluorene	µg/L	**0.033**	NA	**0.025**	<0.017	<0.021	NA	<0.017	<0.017	<0.069	<0.021	NA	**0.024**	**0.027**	<0.064	<0.066	<0.021	NA	<0.017	<0.017	400	80
Indeno(1,2,3-cd)pyrene	µg/L	**0.03**	NA	**0.063**	**0.041**	<0.014	NA	**0.082**	<0.021	<0.069	<0.014	NA	**0.13**	**0.058**	<0.064	<0.066	<0.014	NA	<0.021	<0.021	NS	NS
1-Methylnaphthalene	µg/L	**0.029**	NA	**0.026**	<0.018	<0.027	NA	**0.029**	<0.018	<0.36	<0.027	NA	**0.019**	**0.027**	<0.33	<0.34	<0.027	NA	**0.026**	<0.018	NS	NS
2-Methylnaphthalene	µg/L	**0.037**	NA	**0.037**	**0.018**	<0.028	NA	**0.048**	<0.017	<0.34	<0.028	NA	**0.028**	**0.031**	<0.32	<0.33	<0.028	NA	**0.04**	**0.019**	NS	NS
Naphthalene	µg/L	**0.047**	NA	**0.033**	**0.027**	**0.033**	NA	**0.04**	<0.024	<0.44	**0.036**	NA	**0.04**	**0.036**	<0.41	<0.43	**0.038**	NA	**0.037**	**0.028**	40	8.0
Phenanthrene	µg/L	**0.13**	NA	**0.18**	**0.083**	<0.019	NA	**0.11**	**0.018**	**0.054**	<0.019	NA	**0.18**	**0.095**	<0.031	<0.032	<0.019	NA	**0.031**	**0.025**	NS	NS
Pyrene	µg/L	**0.24**	NA	**0.32**	**0.18**	**0.022**	NA	**0.2**	**0.038**	**0.084**	<0.02	NA	**0.31**	**0.1**	<0.045	<0.047	<0.02	NA	**0.036**	**0.035**	250	50
Inorganics:																						
Arsenic, Dissolved	mg/L	**0.0067**	NA	**0.00014**	NA	**0.0031**	NA	**0.0018**	NA	NA	**0.0033**	NA	**0.003**	NA	NA	NA	**0.0017**	NA	<0.00082	NA	0.05	0.005
Barium, Dissolved	mg/L	**0.35**	NA	**0.55**	NA	**0.14**	NA	**0.17**	NA	NA	**0.17**	NA	**0.09**	NA	NA	NA	**0.17**	NA	**0.14**	NA	2.0	0.4
Cadmium, Dissolved	mg/L	<0.00007	NA	<0.00009	NA	<0.00007	NA	<0.00009	NA	NA	<0.00007	NA	<0.00009	NA	NA	NA	<0.00007	NA	<0.00053	NA	0.005	0.0005
Chromium, Dissolved	mg/L	**0.0008**	NA	<0.00019	NA	**0.00091**	NA	<0.00019	NA	NA	**0.00086**	NA	<0.00019	NA	NA	NA	**0.0014**	NA	<0.00093	NA	0.1	0.01
Cyanide, Total	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.2	0.04
Lead, Dissolved	mg/L	<0.00039	NA	<0.00009	NA	<0.00039	NA	<0.00009	NA	NA	**0.002**	NA	<0.00009	NA	NA	NA	<0.00039	NA	<0.00013	NA	0.015	0.0015
Manganese, Dissolved	mg/L	**0.63**	NA	NA	NA	**0.093**	NA	NA	NA	NA	**0.22**	NA	NA	NA	NA	NA	**0.16**	NA	NA	NA	NS	NS
Mercury, Dissolved	mg/L	<0.000088	NA	<0.000028	NA	<0.000088	NA	<0.000028	NA	NA	<0.000088	NA	<0.000028	NA	NA	NA	<0.000088	NA	<0.000028	NA	0.002	0.0002
Nitrogen, NO3 + NO2	mg/L	<0.014	NA	NA	NA	<0.014	NA	NA	NA	NA	<0.014	NA	NA	NA	NA	NA	**0.031**	NA	NA	NA	10	2.0
Selenium, Dissolved	mg/L	**0.00073**	NA	<0.00041	NA	**0.0005**	NA	<0.0041	NA	NA	**0.00071**	NA	<0.00041	NA	NA	NA	**0.0005**	NA	<0.00035	NA	0.05	0.01
Silver, Dissolved	mg/L	<0.00016	NA	**0.00011**	NA	**0.00031**	NA	<0.0007	NA	NA	<0.00016	NA	<0.0007	NA	NA	NA	**0.00087**	NA	<0.00011	NA	0.05	0.01
Sulfate	mg/L	**190**	NA	NA	NA	**77**	NA	NA	NA	NA	**110**	NA	NA	NA	NA	NA	**97**	NA	NA	NA	NS	NS
Zinc, Dissolved	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NS	NS
Polychlorinated Biphenyls:																						
Arocolor 1260	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1254	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1248	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1242	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1232	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1221	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003
Arocolor 1016	mg/L	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.03	0.003

Notes:
Samples from 2/95 and 6/96 collected by Dames & Moore; samples since 3/98 collected by Sigma.
J = concentration estimated between Limit of Detection and Limit of Quantitation (flagged by lab)
µg/L = micrograms per liter (equivalent to parts per billion)
mg/L = milligrams per liter

NA = Not Analyzed
ND = Not Detected
NS =No Standard
NR 140 ES = Wisconsin Administrative Code, Chapter NR 140 Enforcement Standard
NR 140 PAL = Wisconsin Administrative Code, Chapter NR 140 Preventive Action Limit
Exceedances: BOLD = concentration exceeds Chapter NR 140 PAL
BOX = concentration exceeds Chapter NR

Table 2 - Soil Sample Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference # 6894

	Units	SSB-1		SSB-2		SSB-3				
Depth (ft)		1 - 3	7 - 9	1 - 3	5 - 7	3 - 5	5 - 7			
Date Sampled		10/22/2001	10/22/2001	10/22/2001	10/22/2001	10/22/2001	10/22/2001	Regulatory Standards		
								NR 720 RCL		
GRO	mg/kg	NA	NA	<2.7	**1,400** [3]	NA	NA	100	---	---
DRO	mg/kg	NA	NA	NA	NA	**670** [3]	8	100	---	---
Petroleum VOCs:								**NR 720 RCL**	**NR 746 Table 1**	**NR 746 Table 2**
Benzene	ug/kg	NA	NA	<25	<130	<25	<25	5.5	8,500	1,100
1,2-Dichloroethane	ug/kg	NA	NA	<25	<130	<25	<25	4.9	600	540
Ethylbenzene	ug/kg	NA	NA	<25	<130	<25	<25	2,900	4,600	N/A
Napthalene	ug/kg	NA	NA	34	<130	37	<25	N/A	2,700	N/A
Toluene	ug/kg	NA	NA	28	<130	<25	<25	1,500	38,000	N/A
1,2,4-Trimethylbenzene	ug/kg	NA	NA	<25	<130	27	<25	N/A	83,000	N/A
1,3,5-Trimethylbenzene	ug/kg	NA	NA	<25	<130	<25	<25	N/A	11,000	N/A
Total Xylenes	ug/kg	NA	NA	40	<260	42	<50	4,100	42,000	N/A
Chlorinated VOCs:								**EPA PRG**		
Carbon tetrachloride	ug/kg	NA	NA	<25	<130	<25	<25	530	---	---
1,1 Dichloroethane	ug/kg	NA	NA	<25	<130	<25	<25	2,100,000	---	---
1,2 Dichloroethane	ug/kg	NA	NA	<25	<130	<25	<25	760	---	---
1,1 Dichloroethene	ug/kg	NA	NA	<25	<130	<25	<25	120	---	---
1,2 Dichloroethene (cis)	ug/kg	NA	NA	<25	<130	<25	<25	150,000	---	---
1,2 Dichloroethene(trans)	ug/kg	NA	NA	<25	<130	<25	<25	210,000	---	---
Methylene chloride	ug/kg	NA	NA	<25	<130	<25	<25	21,000	---	---
Tetrachloroethene	ug/kg	NA	NA	<25	<130	<25	<25	19,000	---	---
Trichloroethene	ug/kg	NA	NA	<25	<130	3,600	2,200	6,100	---	---
1,1,1 Trichloroethane	ug/kg	NA	NA	<25	<130	<25	<25	1,400,000	---	---
1,1,2 Trichloroethane	ug/kg	NA	NA	<25	<130	<25	<25	1,900	---	---
Vinyl chloride	ug/kg	NA	NA	<25	<130	<25	<25	830	---	---
PAHs:								**Direct Contact**	**Groundwater**	
Acenapthene	ug/kg	NA	NA	NA	NA	370	110	60,000,000	38,000	---
Acenapthylene	ug/kg	NA	NA	NA	NA	<68	17	360,000	700	---
Anthracene	ug/kg	NA	NA	NA	NA	930	250	300,000,000	3,000,000	---
Benzo(a)anthracene	ug/kg	NA	NA	NA	NA	1,600	450	3,900	17,000	---
Benzo(a)pyrene	ug/kg	NA	NA	NA	NA	**1,500** [7]	440	390	48,000	---
Benzo(b)fluoranthene	ug/kg	NA	NA	NA	NA	1,300	330	3,900	360,000	---
Benzo(g,h,I)perylene	ug/kg	NA	NA	NA	NA	950	190	39,000	6,800,000	---
Benzo(k)fluoranthene	ug/kg	NA	NA	NA	NA	1,300	430	39,000	870,000	---
Chrysene	ug/kg	NA	NA	NA	NA	1,800	460	390,000	37,000	---
Dibenzo(a,h)anthracene	ug/kg	NA	NA	NA	NA	320	66	390	38,000	---
Fluoranthene	ug/kg	NA	NA	NA	NA	4,500	1,000	40,000,000	500,000	---
Fluorene	ug/kg	NA	NA	NA	NA	460	120	40,000,000	100,000	---
Indeno(1,2,3-cd)pyrene	ug/kg	NA	NA	NA	NA	1,200	240	3,900	680,000	---
1-Methylnapthalene	ug/kg	NA	NA	NA	NA	280	86	70,000,000	23,000	---
2-Methylnapthalene	ug/kg	NA	NA	NA	NA	330	120	40,000,000	20,000	---
Naphthalene	ug/kg	NA	NA	NA	NA	**650** [8]	69	110,000	400	---
Phenanthrene	ug/kg	NA	NA	NA	NA	**4,100** [8]	880	390,000	1,800	---
Pyrene	ug/kg	NA	NA	NA	NA	2,600	790	30,000,000	8,700,000	---
Metals:								**NR 720 RCL**		
Arsenic	mg/kg	NA	NA	NA	NA	NA	NA	1.6	---	---
Barium	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
Cadmium	mg/kg	NA	NA	NA	NA	NA	NA	510	---	---
Chromium	mg/kg	NA	NA	NA	NA	NA	NA	200	---	---
Lead	mg/kg	NA	NA	NA	NA	NA	NA	500	---	---
Selenium	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
Silver	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
Cyanide, total	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
Mercury	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
PCB's								**EPA PRG**		
Aroclor 1016	ug/kg	<22	<21	NA	NA	NA	NA	29,000	---	---
Aroclor 1221	ug/kg	<22	<21	NA	NA	NA	NA	1,000	---	---
Aroclor 1232	ug/kg	<22	<21	NA	NA	NA	NA	1,000	---	---
Aroclor 1242	ug/kg	<22	<21	NA	NA	NA	NA	1,000	---	---
Aroclor 1248	ug/kg	<22	<21	NA	NA	NA	NA	1,000	---	---
Aroclor 1254	ug/kg	<22	<21	NA	NA	NA	NA	1,000	---	---
Aroclor 1260	ug/kg	<22	<21	NA	NA	NA	NA	1,000	---	---

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. NR 720 RCL = Wisc. Adm. Code, Chapter NR 720 generic Residual Contaminant Level (RCL for metals based on industrial land use)
4. NR 746 Table 1 = Wisc. Adm. Code, Chapter NR 746 Table 1 values (Indicators of Residual Pretroleum Product in Soil Pores)
5. NR 746 Table 2 = Wisc. Adm. Code, Chapter NR 746 Table 2 values (Protection of Human Health from Direct Contact with Contaminated Soil)
6. EPA PRG = US EPA Preliminary Remediation Goal for industrial soil
7. Direct Contact = RCL for the protection of direct contact, based on Table 1 (industrial land use) of WDNR Publication RR-519-97: Soil Cleanup Levels for PAHs Interim Guidance
8. Groundwater = RCL for the protection of groundwater, based on Table 1 of WDNR Publication RR-519-97: Soil Cleanup Levels for PAHs Interim Guidance
9. Exceedances: **bold, box** = Concentration exceeds regulatory standard(s)

Table 2 - Soil Sample Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference # 6894

	Units	SSB-4		SSB-5		SSB-6				
Depth (ft)		1 - 3	5 - 7	3 - 5	5 - 7	1 - 3	3 - 5			
Date Sampled		10/22/2001	10/22/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	Regulatory Standards		
								NR 720 RCL		
GRO	mg/kg	NA	NA	NA	NA	NA	NA	100	---	---
DRO	mg/kg	**110 [3]**	**3,600 [3]**	NA	NA	NA	NA	100	---	---
Petroleum VOCs:								**NR 720 RCL**	**NR 746 Table 1**	**NR 746 Table 2**
Benzene	ug/kg	<25	<25	NA	NA	<25	<25	5.5	8,500	1,100
1,2-Dichloroethane	ug/kg	<25	<25	NA	NA	<25	<25	4.9	600	540
Ethylbenzene	ug/kg	<25	<25	NA	NA	<25	<25	2,900	4,600	N/A
Napthalene	ug/kg	42	32	NA	NA	<25	<25	N/A	2,700	N/A
Toluene	ug/kg	<25	<25	NA	NA	<25	<25	1,500	38,000	N/A
1,2,4-Trimethylbenzene	ug/kg	<25	<25	NA	NA	<25	<25	N/A	83,000	N/A
1,3,5-Trimethylbenzene	ug/kg	<25	<25	NA	NA	<25	<25	N/A	11,000	N/A
Total Xylenes	ug/kg	44	<50	NA	NA	<50	<50	4,100	42,000	N/A
Chlorinated VOCs:								**EPA PRG**		
Carbon tetrachloride	ug/kg	<25	NA	NA	NA	<25	<25	530	---	---
1,1 Dichloroethane	ug/kg	<25	NA	NA	NA	<25	<25	2,100,000	---	---
1,2 Dichloroethane	ug/kg	<25	NA	NA	NA	<25	<25	760	---	---
1,1 Dichloroethene	ug/kg	<25	NA	NA	NA	<25	<25	120	---	---
1,2 Dichloroethene (cis)	ug/kg	<25	NA	NA	NA	<25	<25	150,000	---	---
1,2 Dichloroethene(trans)	ug/kg	<25	NA	NA	NA	<25	<25	210,000	---	---
Methylene chloride	ug/kg	<25	NA	NA	NA	<25	<25	21,000	---	---
Tetrachloroethene	ug/kg	<25	<25	NA	NA	<25	<25	19,000	---	---
Trichloroethene	ug/kg	270	38	NA	NA	<25	<25	6,100	---	---
1,1,1 Trichloroethane	ug/kg	<25	NA	NA	NA	<25	<25	1,400,000	---	---
1,1,2 Trichloroethane	ug/kg	<25	NA	NA	NA	<25	<25	1,900	---	---
Vinyl chloride	ug/kg	<25	NA	NA	NA	<25	<25	830	---	---
PAHs:								**Direct Contact**	**Groundwater**	
Acenapthene	ug/kg	3,400	<19	NA	NA	<18	<18	60,000,000	38,000	---
Acenapthylene	ug/kg	<530	<14	NA	NA	<14	<14	360,000	700	---
Anthracene	ug/kg	8,700	120	NA	NA	<13	<13	300,000,000	3,000,000	---
Benzo(a)anthracene	ug/kg	**14,000 [7]**	490	NA	NA	<15	<15	3,900	17,000	---
Benzo(a)pyrene	ug/kg	**11,000 [7]**	260	NA	NA	<14	<14	390	48,000	---
Benzo(b)fluoranthene	ug/kg	**8,200 [7]**	340	NA	NA	<12	<12	3,900	360,000	---
Benzo(g,h,I)perylene	ug/kg	5,700	140	NA	NA	<12	14	39,000	6,800,000	---
Benzo(k)fluoranthene	ug/kg	10,000	290	NA	NA	<14	<14	39,000	870,000	---
Chrysene	ug/kg	14,000	940	NA	NA	<15	18	390,000	37,000	---
Dibenzo(a,h)anthracene	ug/kg	**2,100 [7]**	37	NA	NA	<12	<12	390	38,000	---
Fluoranthene	ug/kg	36,000	570	NA	NA	17	37	40,000,000	500,000	---
Fluorene	ug/kg	2,900	<14	NA	NA	<14	<14	40,000,000	100,000	---
Indeno(1,2,3-cd)pyrene	ug/kg	**7,500 [7]**	160	NA	NA	12	15	3,900	680,000	---
1-Methylnapthalene	ug/kg	1,400	46	NA	NA	<15	<16	70,000,000	23,000	---
2-Methylnapthalene	ug/kg	1,500	54	NA	NA	<13	<13	40,000,000	20,000	---
Naphthalene	ug/kg	**3,700 [8]**	56	NA	NA	<18	<19	110,000	400	---
Phenanthrene	ug/kg	**31,000 [8]**	660	NA	NA	<12	18	390,000	1,800	---
Pyrene	ug/kg	22,000	1,100	NA	NA	<13	23	30,000,000	8,700,000	---
Metals:								**NR 720 RCL**		
Arsenic	mg/kg	NA	NA	NA	NA	NA	NA	1.6	---	---
Barium	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
Cadmium	mg/kg	NA	NA	NA	NA	NA	NA	510	---	---
Chromium	mg/kg	NA	NA	NA	NA	NA	NA	200	---	---
Lead	mg/kg	NA	NA	NA	NA	NA	NA	500	---	---
Selenium	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
Silver	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
Cyanide, total	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
Mercury	mg/kg	NA	NA	NA	NA	NA	NA	NS	---	---
PCB's								**EPA PRG**		
Aroclor 1016	ug/kg	NA	NA	<22	<22	NA	NA	29,000	---	---
Aroclor 1221	ug/kg	NA	NA	<22	<22	NA	NA	1,000	---	---
Aroclor 1232	ug/kg	NA	NA	<22	<22	NA	NA	1,000	---	---
Aroclor 1242	ug/kg	NA	NA	<22	<22	NA	NA	1,000	---	---
Aroclor 1248	ug/kg	NA	NA	<22	<22	NA	NA	1,000	---	---
Aroclor 1254	ug/kg	NA	NA	<22	<22	NA	NA	1,000	---	---
Aroclor 1260	ug/kg	NA	NA	<22	<22	NA	NA	1,000	---	---

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. NR 720 RCL = Wisc. Adm. Code, Chapter NR 720 generic Residual Contaminant Level (RCL for metals based on industrial land use)
4. NR 746 Table 1 = Wisc. Adm. Code, Chapter NR 746 Table 1 values (Indicators of Residual Pretroleum Product in Soil Pores)
5. NR 746 Table 2 = Wisc. Adm. Code, Chapter NR 746 Table 2 values (Protection of Human Health from Direct Contact with Contaminated Soil)
6. EPA PRG = US EPA Preliminary Remediation Goal for industrial soil
7. Direct Contact = RCL for the protection of direct contact, based on Table 1 (industrial land use) of WDNR Publication RR-519-97: Soil Cleanup Levels for PAHs Interim Guidance
8. Groundwater = RCL for the protection of groundwater, based on Table 1 of WDNR Publication RR-519-97: Soil Cleanup Levels for PAHs Interim Guidance
9. Exceedances: **bold, box** = Concentration exceeds regulatory standard(s)

Table 2 - Soil Sample Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference # 6894

	Units	SSB-7		MW-21		MW-22				
Depth (ft)		3 - 5	7 - 9	1 - 3	5 - 7	1 - 3	5 - 7			
Date Sampled		10/23/2001	10/23/2001	10/22/2001	10/22/2001	10/22/2001	10/22/2001	Regulatory Standards		
								NR 720 RCL		
GRO	mg/kg	NA	NA	NA	NA	NA	NA	100	---	---
DRO	mg/kg	NA	NA	NA	NA	9.8	11	100	---	---
Petroleum VOCs:								**NR 720 RCL**	**NR 746 Table 1**	**NR 746 Table 2**
Benzene	ug/kg	<25	<130	<25	<25	<25	<25	5.5	8,500	1,100
1,2-Dichloroethane	ug/kg	<25	<130	<25	<25	<25	<25	4.9	600	540
Ethylbenzene	ug/kg	<25	<130	<25	<25	<25	<25	2,900	4,600	N/A
Napthalene	ug/kg	<25	480	<25	<25	<25	<25	N/A	2,700	N/A
Toluene	ug/kg	<25	<130	<25	<25	<25	<25	1,500	38,000	N/A
1,2,4-Trimethylbenzene	ug/kg	41	<130	<25	<25	<25	<25	N/A	83,000	N/A
1,3,5-Trimethylbenzene	ug/kg	<25	1300	<25	<25	<25	<25	N/A	11,000	N/A
Total Xylenes	ug/kg	<50	<280	<50	<50	<50	<50	4,100	42,000	N/A
Chlorinated VOCs:								**EPA PRG**		
Carbon tetrachloride	ug/kg	<25	<130	<25	<25	<25	<25	530	---	---
1,1 Dichloroethane	ug/kg	<25	<130	<25	<25	<25	<25	2,100,000	---	---
1,2 Dichloroethane	ug/kg	<25	<130	<25	<25	<25	<25	760	---	---
1,1 Dichloroethene	ug/kg	<25	<130	<25	<25	<25	<25	120	---	---
1,2 Dichloroethene (cis)	ug/kg	<25	<130	<25	<25	<25	<25	150,000	---	---
1,2 Dichloroethene(trans)	ug/kg	<25	<130	<25	<25	<25	<25	210,000	---	---
Methylene chloride	ug/kg	<25	<130	<25	<25	<25	<25	21,000	---	---
Tetrachloroethene	ug/kg	<25	<130	70	<25	<25	360	19,000	---	---
Trichloroethene	ug/kg	<25	<130	<25	<25	<25	60	6,100	---	---
1,1,1 Trichloroethane	ug/kg	<25	<130	<25	<25	<25	<25	1,400,000	---	---
1,1,2 Trichloroethane	ug/kg	<25	<130	<25	<25	<25	<25	1,900	---	---
Vinyl chloride	ug/kg	<25	<130	<25	<25	<25	<25	830	---	---
PAHs:								**Direct Contact**	**Groundwater**	
Acenapthene	ug/kg	NA	NA	NA	NA	<19	250	60,000,000	38,000	---
Acenapthylene	ug/kg	NA	NA	NA	NA	<15	380	360,000	700	---
Anthracene	ug/kg	NA	NA	NA	NA	38	1,100	300,000,000	3,000,000	---
Benzo(a)anthracene	ug/kg	NA	NA	NA	NA	140	2,800	3,900	17,000	---
Benzo(a)pyrene	ug/kg	NA	NA	NA	NA	130	**2,600 [7]**	390	48,000	---
Benzo(b)fluoranthene	ug/kg	NA	NA	NA	NA	110	1,800	3,900	360,000	---
Benzo(g,h,I)perylene	ug/kg	NA	NA	NA	NA	79	1,500	39,000	6,800,000	---
Benzo(k)fluoranthene	ug/kg	NA	NA	NA	NA	120	2,200	39,000	870,000	---
Chrysene	ug/kg	NA	NA	NA	NA	150	2,600	390,000	37,000	---
Dibenzo(a,h)anthracene	ug/kg	NA	NA	NA	NA	21	**510 [7]**	390	38,000	---
Fluoranthene	ug/kg	NA	NA	NA	NA	310	5,400	40,000,000	500,000	---
Fluorene	ug/kg	NA	NA	NA	NA	<15	320	40,000,000	100,000	---
Indeno(1,2,3-cd)pyrene	ug/kg	NA	NA	NA	NA	89	1,900	3,900	680,000	---
1-Methylnapthalene	ug/kg	NA	NA	NA	NA	36	<120	70,000,000	23,000	---
2-Methylnapthalene	ug/kg	NA	NA	NA	NA	86	120	40,000,000	20,000	---
Naphthalene	ug/kg	NA	NA	NA	NA	31	250	110,000	400	---
Phenanthrene	ug/kg	NA	NA	NA	NA	110	**3,100 [8]**	390,000	1,800	---
Pyrene	ug/kg	NA	NA	NA	NA	260	3,600	30,000,000	8,700,000	---
Metals:								**NR 720 RCL**		
Arsenic	mg/kg	**1.8 [3]**	**2.6 [3]**	**23 [3]**	**2.7 [3]**	NA	NA	1.6	---	---
Barium	mg/kg	23	16	41	6	NA	NA	NS	---	---
Cadmium	mg/kg	0.11	0.11	<0.054	<0.056	NA	NA	510	---	---
Chromium	mg/kg	11	5.6	27	5.3	NA	NA	200	---	---
Lead	mg/kg	9	18	3.8	3.1	NA	NA	500	---	---
Selenium	mg/kg	<0.22	0.3	0.6	0.3	NA	NA	NS	---	---
Silver	mg/kg	<0.16	<0.18	<0.16	<0.17	NA	NA	NS	---	---
Cyanide, total	mg/kg	NA	NA	<0.26	0.51	NA	NA	NS	---	---
Mercury	mg/kg	<0.0054	0.007	<0.0056	<0.0059	NA	NA	NS	---	---
PCB's								**EPA PRG**		
Aroclor 1016	ug/kg	NA	NA	NA	NA	NA	NA	29,000	---	---
Aroclor 1221	ug/kg	NA	NA	NA	NA	NA	NA	1,000	---	---
Aroclor 1232	ug/kg	NA	NA	NA	NA	NA	NA	1,000	---	---
Aroclor 1242	ug/kg	NA	NA	NA	NA	NA	NA	1,000	---	---
Aroclor 1248	ug/kg	NA	NA	NA	NA	NA	NA	1,000	---	---
Aroclor 1254	ug/kg	NA	NA	NA	NA	NA	NA	1,000	---	---
Aroclor 1260	ug/kg	NA	NA	NA	NA	NA	NA	1,000	---	---

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. NR 720 RCL = Wisc. Adm. Code, Chapter NR 720 generic Residual Contaminant Level (RCL for metals based on industrial land use)
4. NR 746 Table 1 = Wisc. Adm. Code, Chapter NR 746 Table 1 values (Indicators of Residual Pretroleum Product in Soil Pores)
5. NR 746 Table 2 = Wisc. Adm. Code, Chapter NR 746 Table 2 values (Protection of Human Health from Direct Contact with Contaminated Soil)
6. EPA PRG = US EPA Preliminary Remediation Goal for industrial soil
7. Direct Contact = RCL for the protection of direct contact, based on Table 1 (industrial land use) of WDNR Publication RR-519-97: Soil Cleanup Levels for PAHs Interim Guidance
8. Groundwater = RCL for the protection of groundwater, based on Table 1 of WDNR Publication RR-519-97: Soil Cleanup Levels for PAHs Interim Guidance
9. Exceedances: **bold, box** = Concentration exceeds regulatory standard(s)

Table 2 - Soil Sample Analytical Results
Former Walker Manufacturing Facility
1201 Michigan Boulevard, Racine, Wisconsin
Project Reference # 6894

	Units	MW-23		MW-24		MW-25				
Depth (ft)		1 - 3	5 - 7	1 - 3	7 - 9	1 - 3	5 - 7			
Date Sampled		10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	10/23/2001	Regulatory Standards		
								NR 720 RCL		
GRO	mg/kg	NA	NA	NA	NA	NA	NA	100	---	---
DRO	mg/kg	NA	NA	NA	NA	NA	NA	100	---	---
Petroleum VOCs:								**NR 720 RCL**	**NR 746 Table 1**	**NR 746 Table 2**
Benzene	ug/kg	NA	NA	<25	<25	<25	<25	5.5	8,500	1,100
1,2-Dichloroethane	ug/kg	NA	NA	<25	<25	<25	<25	4.9	600	540
Ethylbenzene	ug/kg	NA	NA	<25	<25	<25	<25	2,900	4,600	N/A
Napthalene	ug/kg	NA	NA	<25	56	48	29	N/A	2,700	N/A
Toluene	ug/kg	NA	NA	<25	<25	<25	<25	1,500	38,000	N/A
1,2,4-Trimethylbenzene	ug/kg	NA	NA	<25	<25	53	49	N/A	83,000	N/A
1,3,5-Trimethylbenzene	ug/kg	NA	NA	<25	130	<25	30	N/A	11,000	N/A
Total Xylenes	ug/kg	NA	NA	<50	<91	197	<91	4,100	42,000	N/A
Chlorinated VOCs:								**EPA PRG**		
Carbon tetrachloride	ug/kg	NA	NA	<25	<25	<25	<25	530	---	---
1,1 Dichloroethane	ug/kg	NA	NA	<25	<25	<25	<25	2,100,000	---	---
1,2 Dichloroethane	ug/kg	NA	NA	<25	<25	<25	<25	760	---	---
1,1 Dichloroethene	ug/kg	NA	NA	<25	<25	<25	<25	120	---	---
1,2 Dichloroethene (cis)	ug/kg	NA	NA	<25	<25	<25	<25	150,000	---	---
1,2 Dichloroethene(trans)	ug/kg	NA	NA	<25	<25	<25	<25	210,000	---	---
Methylene chloride	ug/kg	NA	NA	<25	37	<25	<25	21,000	---	---
Tetrachloroethene	ug/kg	NA	NA	<25	<25	<25	<25	19,000	---	---
Trichloroethene	ug/kg	NA	NA	<25	<25	<25	<25	6,100	---	---
1,1,1 Trichloroethane	ug/kg	NA	NA	<25	<25	<25	<25	1,400,000	---	---
1,1,2 Trichloroethane	ug/kg	NA	NA	<25	<25	<25	<25	1,900	---	---
Vinyl chloride	ug/kg	NA	NA	<25	<25	<25	<25	830	---	---
PAHs:								**Direct Contact**	**Groundwater**	
Acenapthene	ug/kg	NA	NA	NA	NA	NA	NA	60,000,000	38,000	---
Acenapthylene	ug/kg	NA	NA	NA	NA	NA	NA	360,000	700	---
Anthracene	ug/kg	NA	NA	NA	NA	NA	NA	300,000,000	3,000,000	---
Benzo(a)anthracene	ug/kg	NA	NA	NA	NA	NA	NA	3,900	17,000	---
Benzo(a)pyrene	ug/kg	NA	NA	NA	NA	NA	NA	390	48,000	---
Benzo(b)fluoranthene	ug/kg	NA	NA	NA	NA	NA	NA	3,900	360,000	---
Benzo(g,h,I)perylene	ug/kg	NA	NA	NA	NA	NA	NA	39,000	6,800,000	---
Benzo(k)fluoranthene	ug/kg	NA	NA	NA	NA	NA	NA	39,000	870,000	---
Chrysene	ug/kg	NA	NA	NA	NA	NA	NA	390,000	37,000	---
Dibenzo(a,h)anthracene	ug/kg	NA	NA	NA	NA	NA	NA	390	38,000	---
Fluoranthene	ug/kg	NA	NA	NA	NA	NA	NA	40,000,000	500,000	---
Fluorene	ug/kg	NA	NA	NA	NA	NA	NA	40,000,000	100,000	---
Indeno(1,2,3-cd)pyrene	ug/kg	NA	NA	NA	NA	NA	NA	3,900	680,000	---
1-Methylnapthalene	ug/kg	NA	NA	NA	NA	NA	NA	70,000,000	23,000	---
2-Methylnapthalene	ug/kg	NA	NA	NA	NA	NA	NA	40,000,000	20,000	---
Naphthalene	ug/kg	NA	NA	NA	NA	NA	NA	110,000	400	---
Phenanthrene	ug/kg	NA	NA	NA	NA	NA	NA	390,000	1,800	---
Pyrene	ug/kg	NA	NA	NA	NA	NA	NA	30,000,000	8,700,000	---
Metals:								**NR 720 RCL**		
Arsenic	mg/kg	NA	NA	**9.4** [3]	1.3	**4.1** [3]	**2.8** [3]	1.6	---	---
Barium	mg/kg	NA	NA	24	6.8	17	39	NS	---	---
Cadmium	mg/kg	NA	NA	0.35	0.084	0.23	0.41	510	---	---
Chromium	mg/kg	NA	NA	13	4.3	5.9	11	200	---	---
Lead	mg/kg	NA	NA	19	8	370	77	500	---	---
Selenium	mg/kg	NA	NA	0.36	0.28	0.31	0.36	NS	---	---
Silver	mg/kg	NA	NA	<0.17	<0.18	<0.16	0.26	NS	---	---
Cyanide, total	mg/kg	NA	NA	NA	0.51	NA	NA	NS	---	---
Mercury	mg/kg	NA	NA	0.0074	<0.0062	0.007	<0.0057	NS	---	---
PCB's								**EPA PRG**		
Aroclor 1016	ug/kg	<22	<23	NA	NA	NA	NA	29,000	---	---
Aroclor 1221	ug/kg	<22	<23	NA	NA	NA	NA	1,000	---	---
Aroclor 1232	ug/kg	<22	<23	NA	NA	NA	NA	1,000	---	---
Aroclor 1242	ug/kg	<22	<23	NA	NA	NA	NA	1,000	---	---
Aroclor 1248	ug/kg	<22	<23	NA	NA	NA	NA	1,000	---	---
Aroclor 1254	ug/kg	<22	<23	NA	NA	NA	NA	1,000	---	---
Aroclor 1260	ug/kg	<22	<23	NA	NA	NA	NA	1,000	---	---

Notes:
1. mg/kg = milligrams per kilogram (equivalent to parts per million, ppm)
2. µg/kg = micrograms per kilogram (equivalent to parts per billion, ppb)
3. NR 720 RCL = Wisc. Adm. Code, Chapter NR 720 generic Residual Contaminant Level (RCL for metals based on industrial land use)
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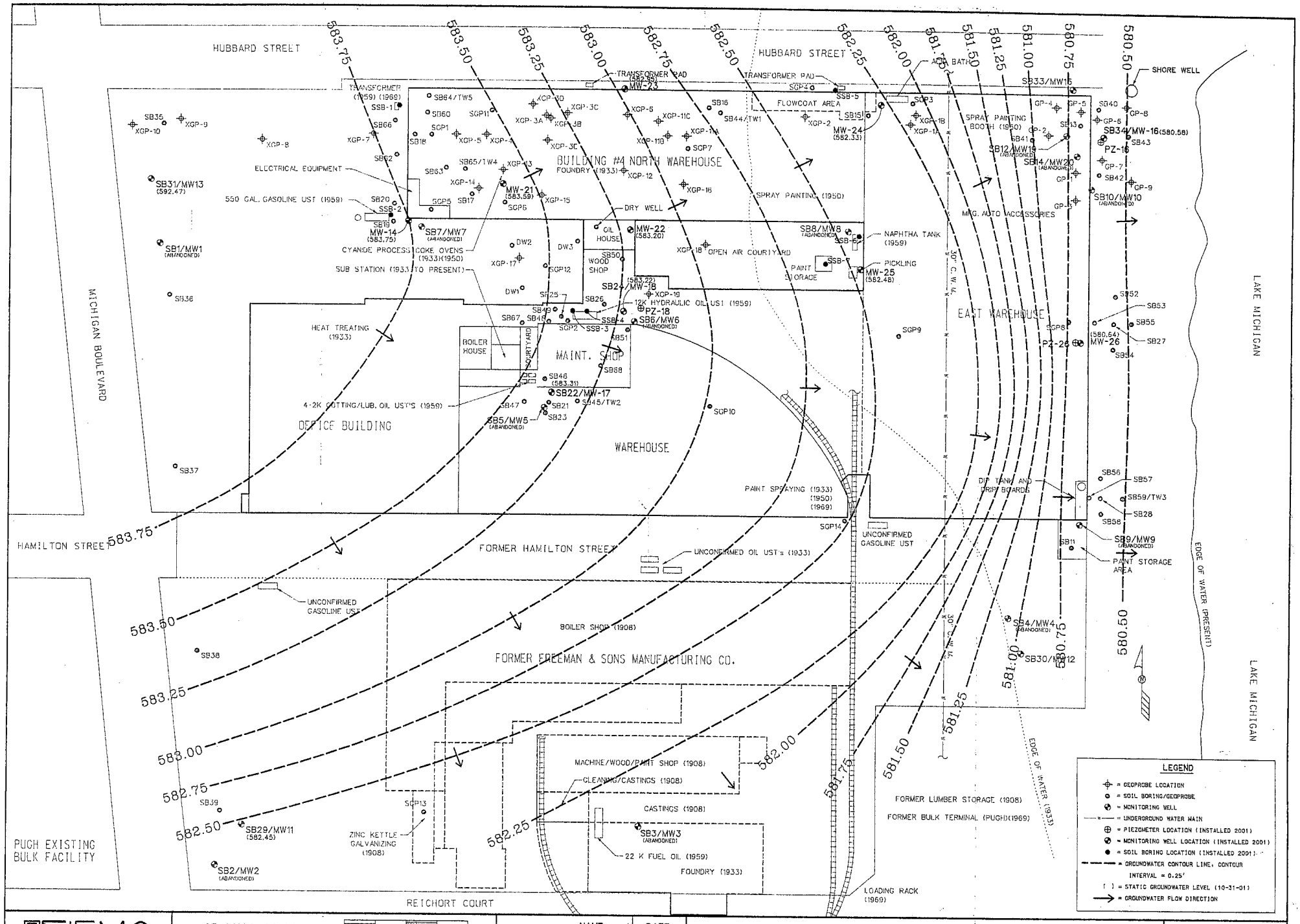
7. Direct Contact = RCL for the protection of direct contact, based on Table 1 (industrial land use) of WDNR Publication RR-519-97: Soil Cleanup Levels for PAHs Interim Guidance
8. Groundwater = RCL for the protection of groundwater, based on Table 1 of WDNR Publication RR-519-97: Soil Cleanup Levels for PAHs Interim Guidance
9. Exceedances: **bold, box** = Concentration exceeds regulatory standard(s)

TABLE 1
SUMMARY OF LABORATORY ANALYSIS
CONSTITUENTS DETECTED IN SIGMA'S SOIL SAMPLING INVESTIGATION
NORTHEAST PROPERTY CORNER
RACINE WATER & WASTEWATER UTILITY

Sample Name	Units	GP-1	GP-2		GP-4		GP-5		GP-6		GP-7		GP-8		GP-9		RCL
Depth Collected	feet	0 - 2*	4 - 6*	8 - 10*	4 - 6*	10 - 12*	2 - 4	8 - 10	4 - 6	10 - 12	6 - 8	10 - 12	4 - 6	10 -12	4 - 6*	10 - 12*	
Volatile Organic Compounds:																	
Toluene	µg/kg	ND	ND	ND	180	ND	810	180	ND	ND	ND	ND	ND	ND	170	ND	1500
Total Xylenes	µg/kg	ND	ND	2,300	150	1200	370	170	ND	130	ND	ND	64	ND	120	ND	4100
Ethylbenzene	µg/kg	ND	ND	ND	ND	ND	420	240	37	180	36	73	490	32	ND	ND	2900
n-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	69	ND	ND	ND	ND	ND	170	ND	ND	ND	-
sec-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	220	ND	ND	ND	ND	ND	ND	ND	-
tert-Butylbenzene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
cis-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	98	ND	ND	ND	93	ND	ND	-
trans-1,2-Dichloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	47	ND	ND	-
Isopropylbenzene	µg/kg	ND	ND	1100	ND	560	ND	ND	ND	ND	ND	ND	75	ND	ND	ND	-
p-Isopropyltoluene	µg/kg	ND	ND	ND	ND	ND	40	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Naphthalene	µg/kg	ND	ND	ND	ND	ND	150	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
n-Propylbenzene	µg/kg	ND	ND	ND	ND	ND	210	110	ND	210	ND	78	140	ND	ND	ND	-
Tetrachloroethene	µg/kg	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	-
Trichloroethene	µg/kg	ND	ND	ND	ND	ND	110	170	ND	ND	ND	31	ND	70	ND	ND	-
1,2,4-Trimethylbenzene	µg/kg	ND	ND	ND	650	510	410	150	ND	ND	ND	ND	210	ND	ND	ND	-
1,3,5-Trimethylbenzene	µg/kg	ND	ND	1,400	320	430	350	130	ND	250	62	74	220	57	ND	ND	-
Diesel Range Organic Compounds:																	
DRO	mg/kg	45"	40"	260^	130^	610^	140^	56"	14"	42"	34"	28"	34"	53"	440^	32"	100

Notes:

RCL= Wisconsin Administrative Code Chapter NR 720.09 Residual Contaminant Level
µg/kg= Micrograms per kilogram
J = Estimated below the LOQ.
Detected Above NR 720.9 Residual Contaminant Level
* One or more surrogate recoveries were above the laboratory's established acceptance criteria
** The blank associated with this sample contained 5500 ug/kg of this compound
*** The recovery for this compound in the check standard was above the method specified acceptance criteria
**** The blank associated with this sample contained 350 ug/kg of this compound
^ The reporting limit for this analyte has been elevated due to sample matrix and/or other effects
" The laboratory control spike recoveries associated with this sample were below the laboratory's established acceptance criteria



SIGMA ENVIRONMENTAL SERVICES INC.
1300 W. CANAL STREET
MILWAUKEE, WISCONSIN 53233
PHONE : (414) 643-4200
1-800-732-4671

GRAPHIC SCALE 0' 30' 60' 90' 120'

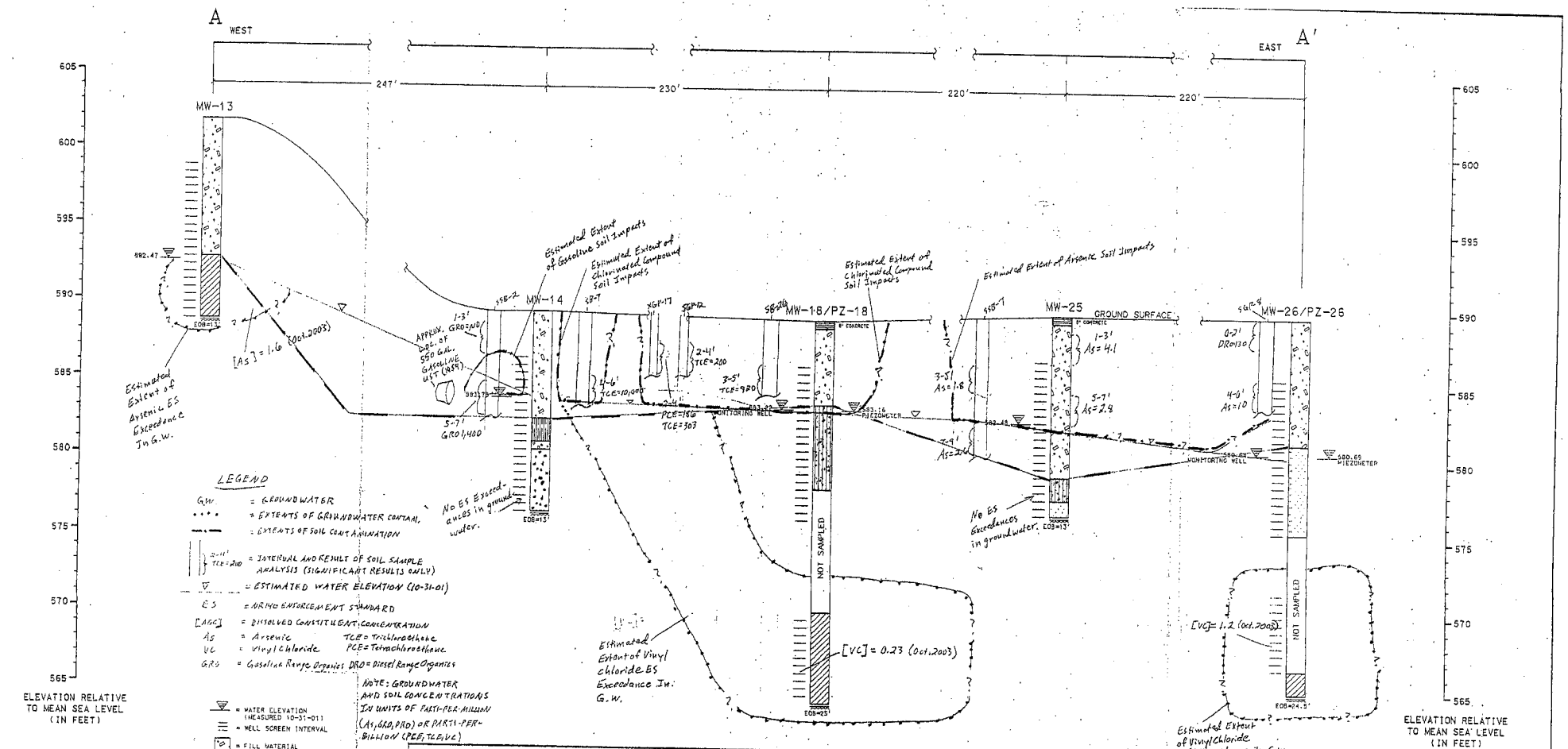
NO	DATE	REVISIONS	BY	APVD

	NAME:	DATE:
DRAWN BY:	BEB	12-14-01
DESIGNED BY:		
CHECKED BY:		
APPROVED BY:		

RACINE WW - FORMER WALKER MANUFACTURING CO.
RACINE, WISCONSIN
GROUNDWATER CONTOUR MAP (10-31-01)

DRAWING NUMBER
6894-012

FIGURE 2

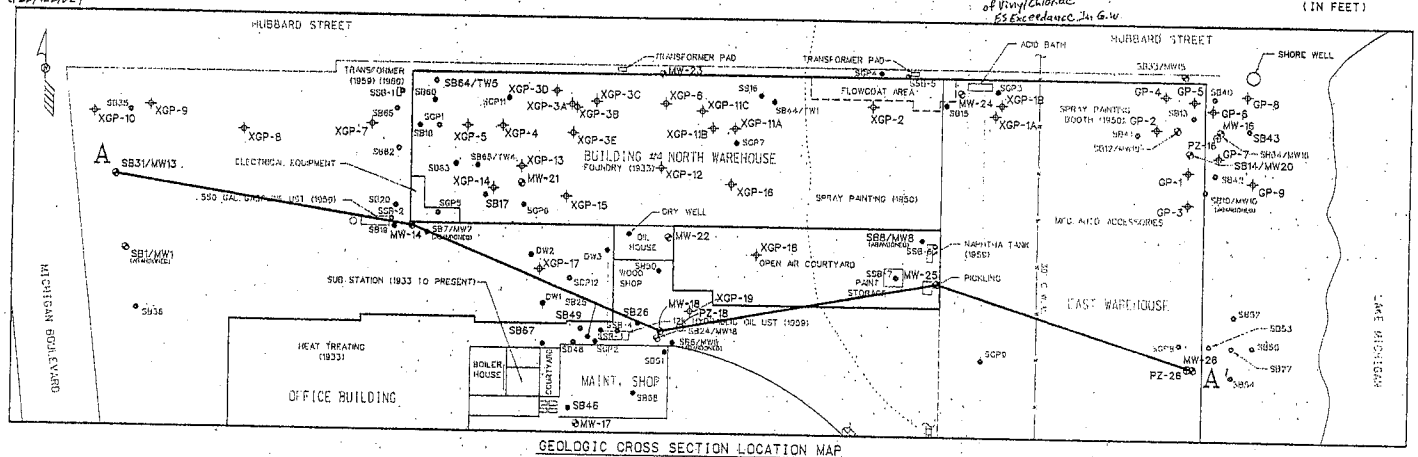


USCS SYMBOLS

- GW - WELL - GRADED GRAVELS, GRAVEL - SAND MIXTURES LITTLE OR NO FINES.
- SW - WELL - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.
- SP - POORLY - GRADED SANDS, GRAVELLY SANDS, LITTLE OR NO FINES.
- SM - SILTY - SANDS, SAND - SILT MIXTURES.
- CL - INORGANIC CLAYS OF LOW TO MEDIUM PLASTICITY, GRAVELLY CLAYS, SAND CLAYS, SILTY CLAYS, LEAN CLAYS.
- OL - ORGANIC SILTS AND ORGANIC SILTY CLAYS OF LOW PLASTICITY.

Note: Additional Areas of Soil and Ground water Impacts Have Been Documented and Are Not Shown Here.

NOTES:
1. MW-14 BLIND DRILLED: GEOLOGIC LOG FOR SB-19 SHOWN.
2. MW-18 BLIND DRILLED: GEOLOGIC LOG FOR SSB-4 SHOWN.



GEOLOGIC CROSS SECTION LOCATION MAP
NOT TO SCALE

SIGMA ENVIRONMENTAL SERVICES, INC.
220 EAST RYAN ROAD
OAK CREEK, WISCONSIN 53154
PHONE : (414) 768 - 7144

SCALE: HORIZONTAL SCALE 1" = 40'
VERTICAL SCALE 1" = 5'

NO	DATE	REVISIONS	BY	APVD
	8/10/06		ERS	

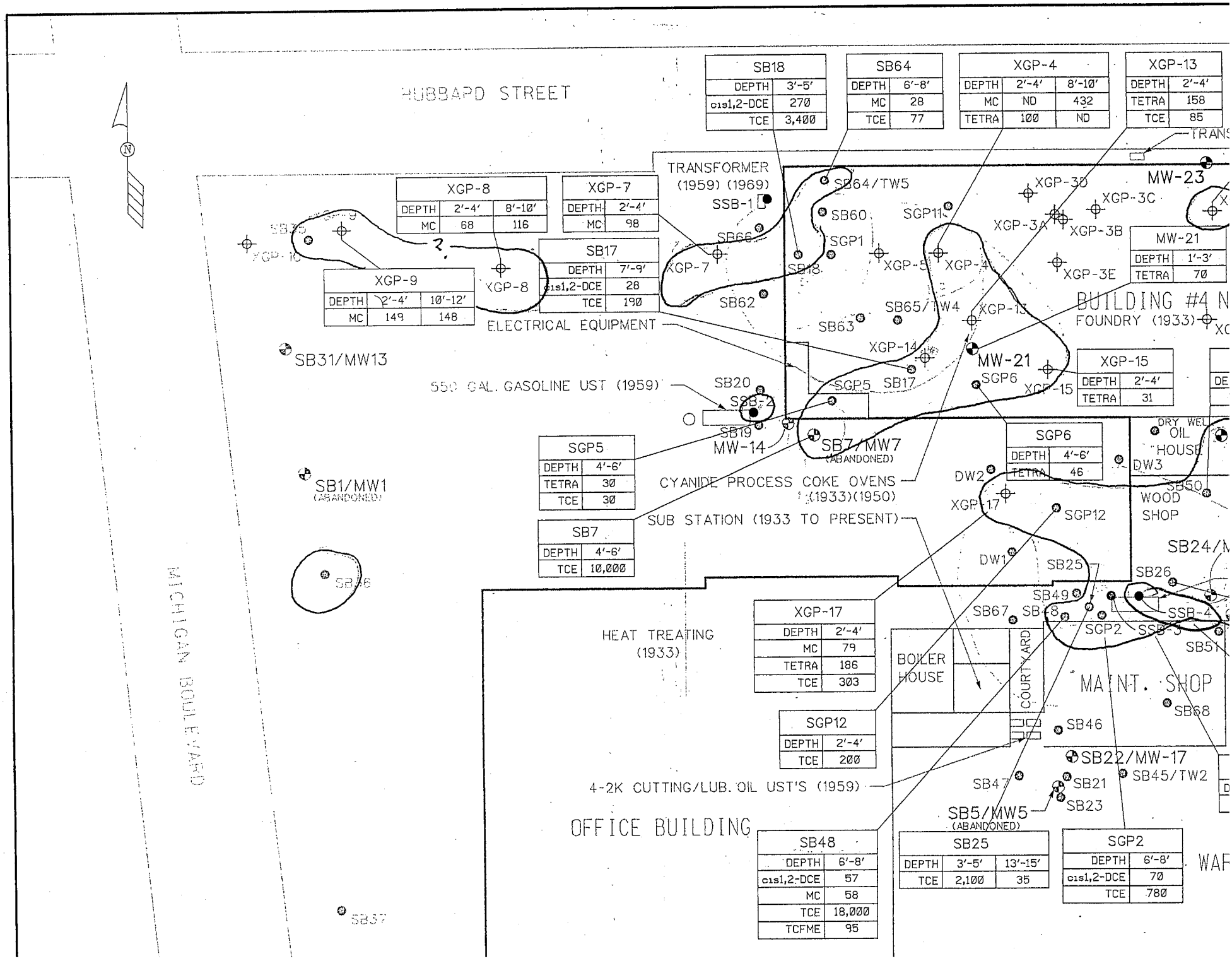
	NAME:	DATE:
DRAWN BY:	BEB	12-12-01
DESIGNED BY:		
CHECKED BY:		

RACINE WW - FORMER WALKER MANUFACTURING CO.
RACINE, WISCONSIN
GEOLOGIC CROSS SECTION A - A'

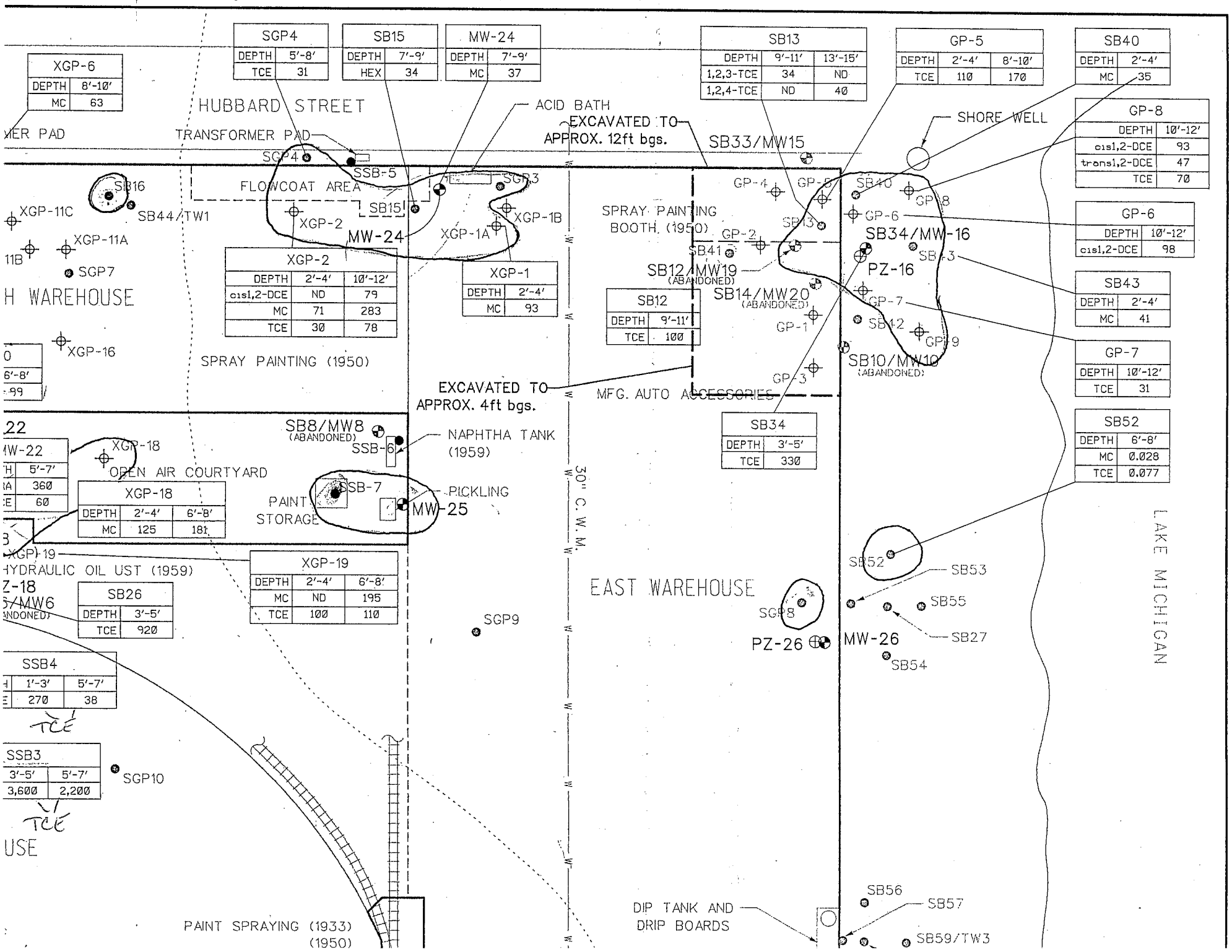
DRAWING NUMBER
6894-011

FIGURE 4

residual soil contaminate Conc. /



residual soil contaminants cons 2



SGP4	
DEPTH	5'-8'
TCE	31

SB15	
DEPTH	7'-9'
HEX	34

MW-24	
DEPTH	7'-9'
MC	37

SB13		
DEPTH	9'-11'	13'-15'
1,2,3-TCE	34	ND
1,2,4-TCE	ND	40

GP-5		
DEPTH	2'-4'	8'-10'
TCE	110	170

SB40	
DEPTH	2'-4'
MC	35

GP-8	
DEPTH	10'-12'
cis1,2-DCE	93
trans1,2-DCE	47
TCE	70

GP-6	
DEPTH	10'-12'
cis1,2-DCE	98

SB43	
DEPTH	2'-4'
MC	41

GP-7	
DEPTH	10'-12'
TCE	31

SB52	
DEPTH	6'-8'
MC	0.028
TCE	0.077

XGP-6	
DEPTH	8'-10'
MC	63

XGP-2		
DEPTH	2'-4'	10'-12'
cis1,2-DCE	ND	79
MC	71	283
TCE	30	78

XGP-1	
DEPTH	2'-4'
MC	93

SB12	
DEPTH	9'-11'
TCE	100

SB34	
DEPTH	3'-5'
TCE	330

XGP-18		
DEPTH	2'-4'	6'-8'
MC	125	181

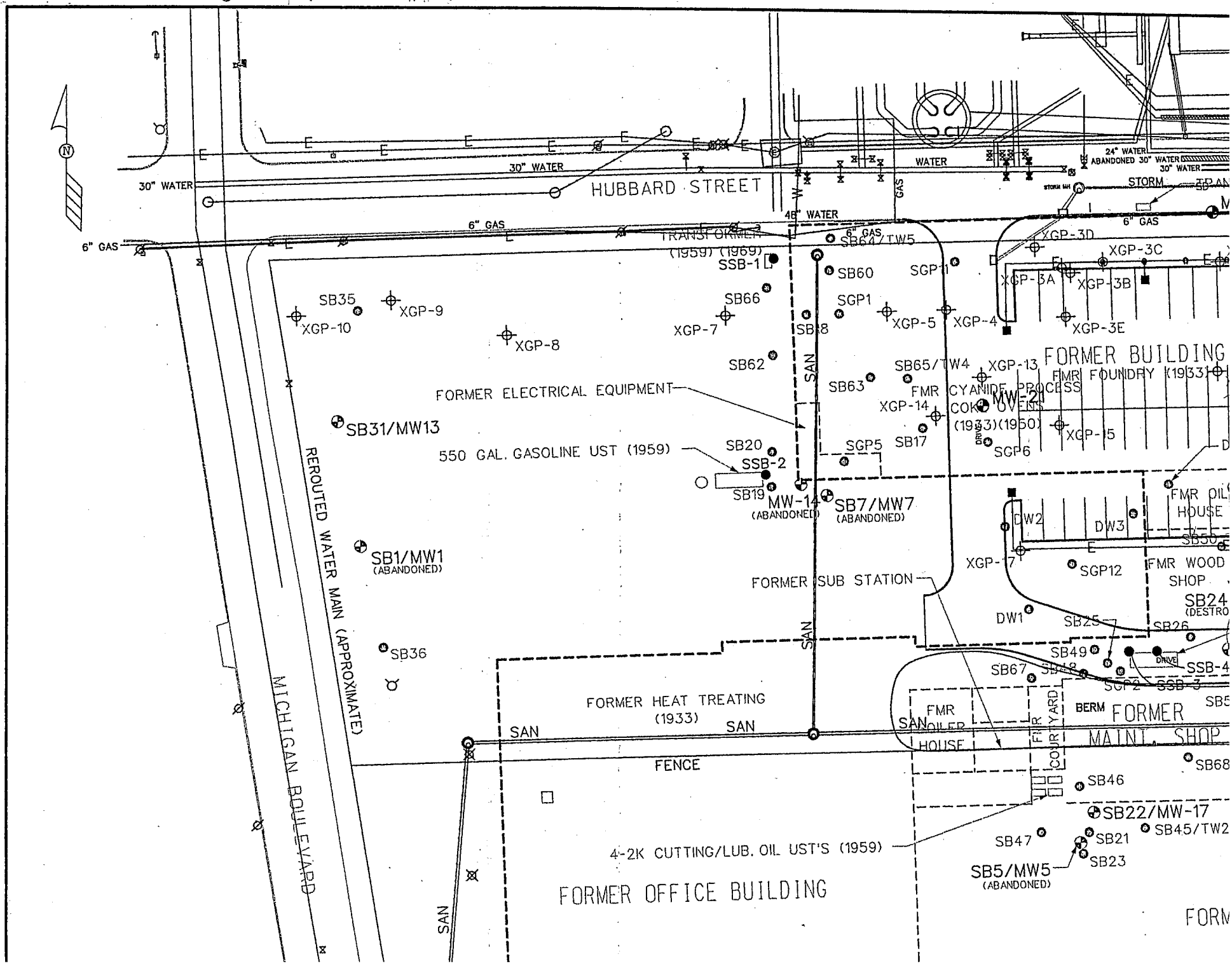
XGP-19		
DEPTH	2'-4'	6'-8'
MC	ND	195
TCE	100	110

SB26	
DEPTH	3'-5'
TCE	920

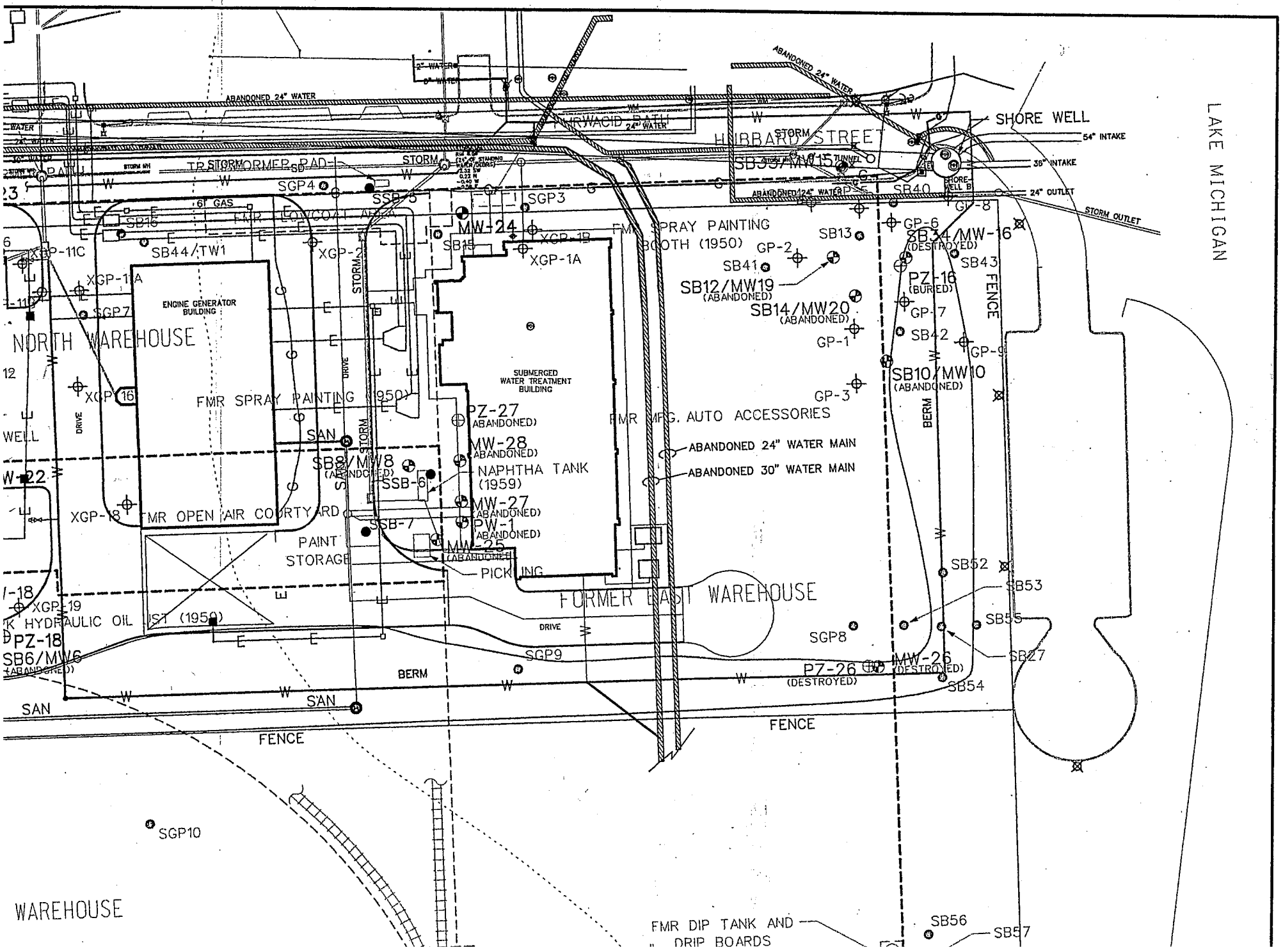
SSB4		
	1'-3'	5'-7'
	270	38

SSB3	
3'-5'	5'-7'
3,600	2,200

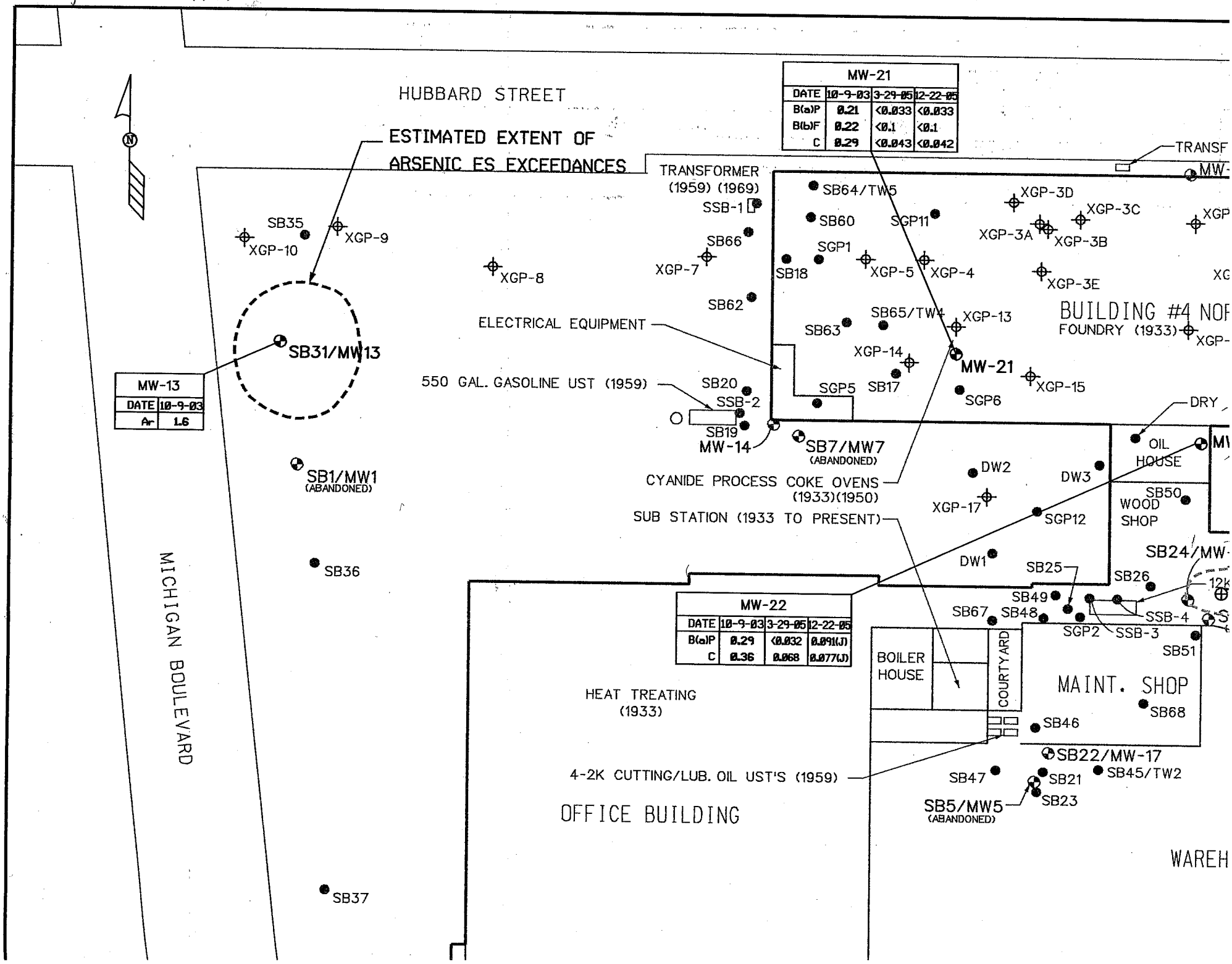
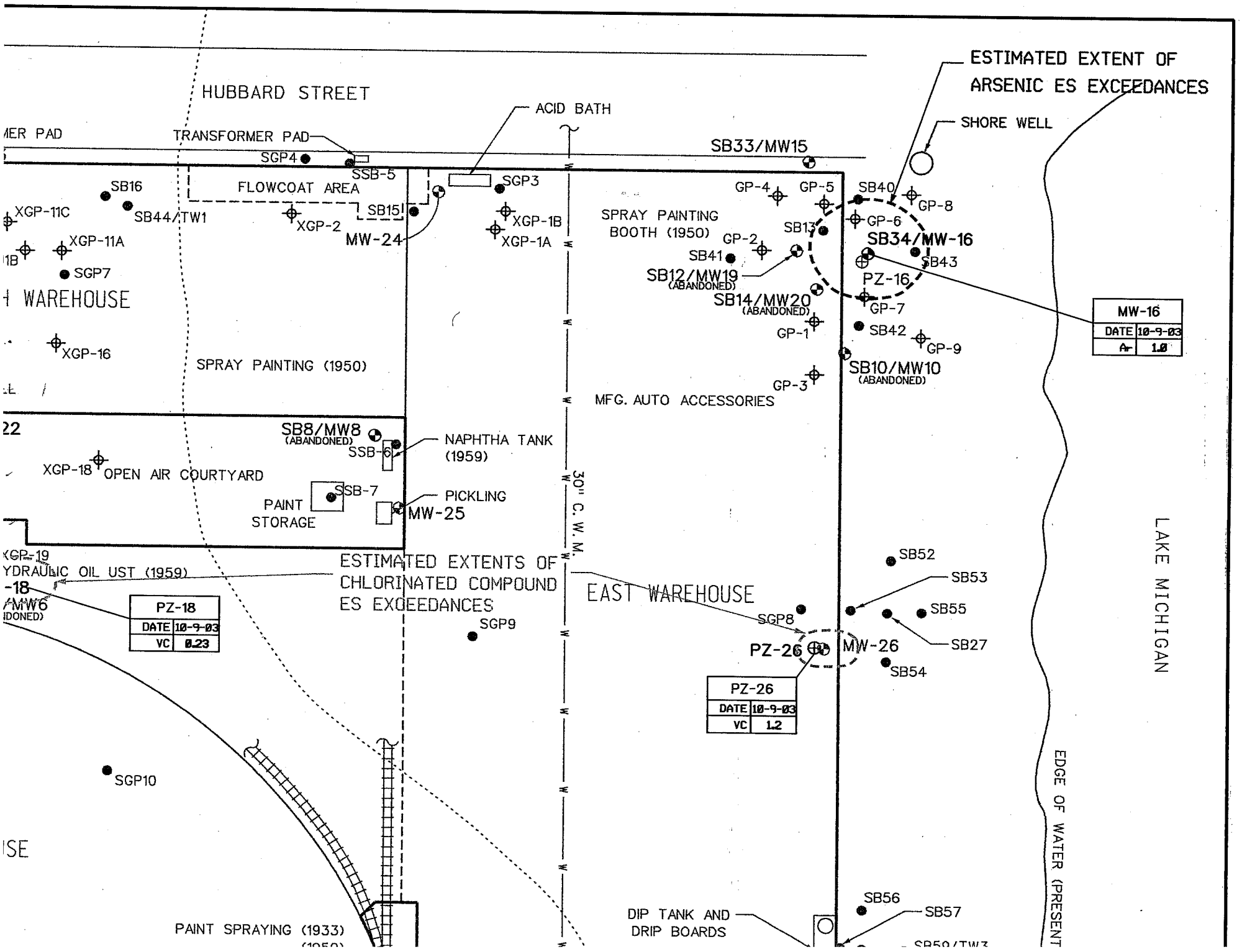
gw sample pg & locations



gw sample pg & locations



gw Concentration 1



gw Concentrations 2.