

**GIS REGISTRY INFORMATION**

**SITE NAME:** Former Kmart # 4486  
**BRRTS #:** 02-41-461243 **FID # (if appropriate):** 241365300  
**COMMERCE # (if appropriate):** \_\_\_\_\_  
**CLOSURE DATE:** 2-24-04  
**STREET ADDRESS:** 2701 S Chase Ave  
**CITY:** Milwaukee  
**SOURCE PROPERTY GPS COORDINATES (meters in WTM91 projection):** X= 690160 Y= 282297

**CONTAMINATED MEDIA:** Groundwater  Soil  Both   
**OFF-SOURCE GW CONTAMINATION >ES:** Yes  No

**IF YES, STREET ADDRESS 1:** \_\_\_\_\_  
**GPS COORDINATES (meters in WTM91 projection):** X= \_\_\_\_\_ Y= \_\_\_\_\_

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

**IF YES, STREET ADDRESS 1:** \_\_\_\_\_  
**GPS COORDINATES (meters in WTM91 projection):** X= \_\_\_\_\_ Y= \_\_\_\_\_

**CONTAMINATION IN RIGHT OF WAY:** Yes  No

**DOCUMENTS NEEDED:**

- Closure Letter, and any conditional closure letter or denial letter issued
- Copy of most recent deed, including legal description, for all affected properties
- Certified survey map or relevant portion of the recorded plat map (if referenced in the legal description) for all affected properties
- County Parcel ID number, if used for county, for all affected properties
- Location Map which outlines all properties within contaminated site boundaries on USGS topographic map or plat map in sufficient detail to permit the parcels to be located easily (8.5x14" if paper copy). If groundwater standards are exceeded, the map must also include the location of all municipal and potable wells within 1200' of the site.
- Detailed Site Map(s) for all affected properties, showing buildings, roads, property boundaries, contaminant sources, utility lines, monitoring wells and potable wells. (8.5x14", if paper copy) This map shall also show the location of all contaminated public streets, highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding ch. NR 140 ESs and soil contamination exceeding ch. NR 720 generic or SSRCLs.
- Tables of Latest Groundwater Analytical Results (no shading or cross-hatching)
- Tables of Latest Soil Analytical Results (no shading or cross-hatching)
- 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.
- GW: Table of water level elevations, with sampling dates, and free product noted if present
- GW: Latest groundwater flow direction/monitoring well location map (should be 2 maps if maximum variation in flow direction is greater than 20 degrees)
- SOIL: Latest horizontal extent of contamination exceeding generic or SSRCLs, with one contour
- Geologic cross-sections, if required for SI. (8.5x14" if paper copy)
- RP certified statement that legal descriptions are complete and accurate
- Copies of off-source notification letters (if applicable)
- Letter informing ROW owner of residual contamination (if applicable)(public, highway or railroad ROW)
- Copy of (soil or land use) deed restriction(s) or deed notice if any required as a condition of closure
- Copy of any maintenance plan referenced in the deed restriction.

✓
✓
✓
✓
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✓
✓
✓
✓
✓



## State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES

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

Southeast Region Headquarters  
2300 N. Dr. Martin Luther King, Jr. Drive  
PO Box 12436  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8483  
TTY 414-263-8713

February 24, 2004

In Reply Refer To: FID# 241365300  
County of Milwaukee  
BRRTS# 02-41-461243

Mr. Michael Burns  
Malan Realty Investors, Inc.  
30200 Telegraph Road - Suite 105  
Bingham Farms, MI 48025-4503

Subject: Final Case Closure for the Former Kmart #4486 Site, 2701 S Chase Ave.,  
Milwaukee, WI

Dear Mr. Burns:

On February 24, 2004, your site, as described above, was reviewed for closure by the Wisconsin Department of Natural Resources ("WDNR"). The WDNR reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

On February 23, 2004, the WDNR received correspondence indicating that you have complied with the conditions of closure. The required conditions included the following: 1) documentation that the WDNR-approved deed restriction was recorded, 2) documentation that all on-site monitoring wells were properly abandoned and 3) a written commitment to conduct the WDNR-required repairs to the site parking lot.

Based on the correspondence and data provided, it appears that your case has been remediated to WDNR standards in accordance with s. NR 726.05, Wis. Adm. Code. The WDNR considers this case closed and no further investigation, remediation or other action is required at this time, with the exception of the required parking lot repairs, previously mentioned.

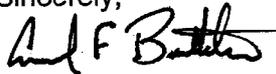
Your site will be listed on the DNR Remediation and Redevelopment GIS Registry of Closed Remediation Sites. Information that was submitted with your closure request application will be included on the registry. To review the sites on the GIS Registry web page, visit <http://gomapout.dnr.state.wi.us/org/at/et/geo/gwur/index.htm>

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

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

We appreciate your efforts to restore the environment at this site. If you have any questions or concerns regarding this letter, please contact me at (414) 263- 8541.

Sincerely,



Andrew F Boettcher  
Hydrogeologist

C: Bruce Keyes, Foley & Lardner, 777 E Wisconsin Ave, Milwaukee, WI 53202  
Tom Cok, Mannik and Smith Group, 15300 Rotunda Dr, Suite 306, Dearborn, MI 48120  
Tim Anderson, United Engineering (via fax) 414-327-8792



**State of Wisconsin \ DEPARTMENT OF NATURAL RESOURCES**

Jim Doyle, Governor  
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PO Box 12436  
Milwaukee, Wisconsin 53212-0436  
Telephone 414-263-8500  
FAX 414-263-8483  
TTY 414-263-8713

September 1, 2004

In Reply Refer To: FID# 241365300  
County of Milwaukee  
BRRTS# 02-41-461243

Mr. John Roberson  
Malan Realty Investors, Inc.  
30200 Telegraph Road – Suite 105  
Bingham Farms, MI 48025-4503

Subject: Parking Lot Repair Documentation Approval for the Former Kmart #4486 Site,  
2701 S Chase Ave, Milwaukee, WI

Dear Mr. Roberson:

On February 24, 2004, your site, as described above, was reviewed for closure by the Wisconsin Department of Natural Resources (“WDNR”). The WDNR reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases.

On July 30, 2004, the WDNR issued a “no further action letter” for the site. One of the requirements of closure was conducting repairs of the parking lot at the site. Prior to site closure, the WDNR received a written commitment to conduct the WDNR-required repairs to the site parking lot. On August 26, 2004, documentation was received by the WDNR that the repairs have been completed. This documentation is considered sufficient.

We appreciate your efforts to restore the environment at this site. If you have any questions or concerns regarding this letter, please contact me at (414) 263- 8541.

Sincerely,

  
Andrew F. Boettcher  
Hydrogeologist

C: Bruce Keyes, Foley & Lardner, 777 E Wisconsin Ave, Milwaukee, WI 53202  
Tom Cok, Mannik and Smith Group, 15300 Rotunda Dr, Suite 306, Dearborn, MI 48120

REGISTER'S OFFICE, | SS  
Milwaukee County, WI

RECORDED AT 3:53 PM

02-23-2004

JOHN LA FAVE  
REGISTER OF DEEDS

AMOUNT 19.00

Document Number	DEED RESTRICTION
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In Re: Parcel One (1) and Parcel Four (4) of Certified Survey Map No. 1633, recorded in the Office of the Register of Deeds for Milwaukee County, Wisconsin on August 6, 1971, in Reel 602, Image 1792, as Document No 4612721, being a part of the Northeast One-quarter (1/4) and Southeast One-quarter (1/4) of Section Eight (8), Township Six (6) North, Range Twenty-Two (22) East, in the City of Milwaukee, Milwaukee County, Wisconsin; Except a parcel conveyed to the City of Milwaukee recorded in Reel 808, Image 1458, as Document No 4868562, and except a parcel conveyed to Angelo Ditello and David S. Reszel recorded in Reel 670, Image 1296, as Document No. 4698338.

Wisconsin Transverse Mercator coordinates:  
690093 Northing, 282278 Easting

STATE OF WISCONSIN        )  
  ) ss  
COUNTY OF MILWAUKEE    )

Recording Area

Name and Return Address  
Bruce A. Keyes, Esq.  
Foley & Lardner  
777 E. Wisconsin Ave.  
Milwaukee, WI 53202-5306  
ROD Box 286

506-0021-110-X  
506-0024-110-6

Parcel Identification Number

Declaration of Restrictions

WHEREAS, Malan Revolver, Inc., a Michigan Corporation, is the owner of the above-described property.

WHEREAS, Malan Revolver, Inc. is a wholly owned subsidiary of Malan Realty Investors, Inc., a Michigan Corporation.

WHEREAS, one or more Polynuclear Aromatic Hydrocarbon (PAH) discharges have occurred on this property. As of April 3, 2003, when soil samples were collected on this property, PAH contaminated soil remained on this property at the following location: the entire property was built on top of contaminated fill, as indicated on ATTACHMENT 1.

WHEREAS, it is the desire and intention of the property owner to impose on the property restrictions which will make it unnecessary to conduct further soil remediation activities on the property at the present time.

NOW THEREFORE, the owner hereby declares that all of the property described above is held and shall be held, conveyed or encumbered, leased, rented, used, occupied, and improved subject to the following limitation and restrictions:

The paved surfaces and the building foundation that existed on the above-described property on the date that this restriction was signed form a barrier that must be maintained in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health. These structures are also required in order to minimize the infiltration of water and prevent groundwater contamination that would violate the groundwater quality standards in ch. NR 140, Wis. Adm. Code. The paved surfaces and the building foundation shall be maintained on the above-described property in the locations shown on **ATTACHMENT 1**, labeled Figure 4, *Initial Cap Assessment Map*, unless another barrier, with an infiltration rate of  $1 \times 10^{-7}$  cm/sec or less, is installed and maintained in their place. The existing structures and any replacement barrier with an infiltration rate of  $10^{-7}$  cm/sec or less, shall be maintained on the above-described property in compliance with the Cap Maintenance Plan, dated December 31, 2003, that was submitted to the Wisconsin Department of Natural Resources by Malan Realty Investors, Inc., as required by section NR 724.13(2), Wis. Adm. Code (1999).

In addition, the following activities are prohibited on any portion of the above-described property where an impervious cap has been placed or where impervious surfaces exist as indicated on **ATTACHMENT 1**, unless prior written approval has been obtained from the Wisconsin Department of Natural Resources or its successor or assign: (1) Excavating or grading of the land surface; (2) Filling on capped areas and areas with impervious surfaces; (3) Plowing for agricultural cultivation; and (4) Construction or installation of a building or other structure with a foundation that would sit on or be placed within the cap or impervious surface.

This restriction is hereby declared to be a covenant running with the land and shall be fully binding upon all persons acquiring the above-described property whether by descent, devise, purchase or otherwise. This restriction inures to the benefit of and is enforceable by the Wisconsin Department of Natural Resources, its successors or assigns. The Department, its successors or assigns, may initiate proceedings at law or in equity against any person or persons who violate or are proposing to violate this covenant, to prevent the proposed violation or to recover damages for such violation.

Any person who is or becomes owner of the property described above may request that the Wisconsin Department of Natural Resources or its successor issue a determination that one or more of the restrictions set forth in this covenant is no longer required. Upon the receipt of such a request, the Wisconsin Department of Natural Resources shall determine whether or not the restrictions contained herein can be extinguished. If the Department determines that the restrictions can be extinguished, an affidavit, attached to a copy of the Department's written determination, may be recorded by the property owner or other interested party to give notice that this deed restriction, or portions of this deed restriction, are no longer binding.

By signing this document, Jeffrey D Lewis asserts that he or she is duly authorized to sign this document on behalf of Malan Revolver, Inc.

IN WITNESS WHEREOF, the owner of the property has executed this Declaration of Restrictions, this 23<sup>rd</sup> day of February, 2004.

Signature: *Jeffrey D Lewis*

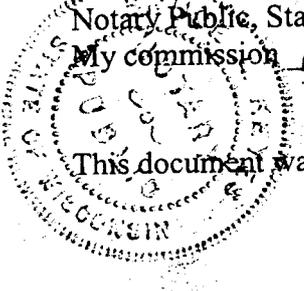
Printed Name: Jeffrey D. Lewis

Subscribed and sworn to before me this 28<sup>th</sup> day of February, 2004.

*Bruce Keyes*  
Printed Name: Bruce Keyes

Notary Public, State of Wisconsin

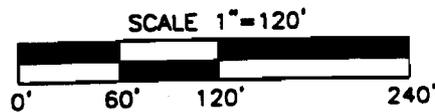
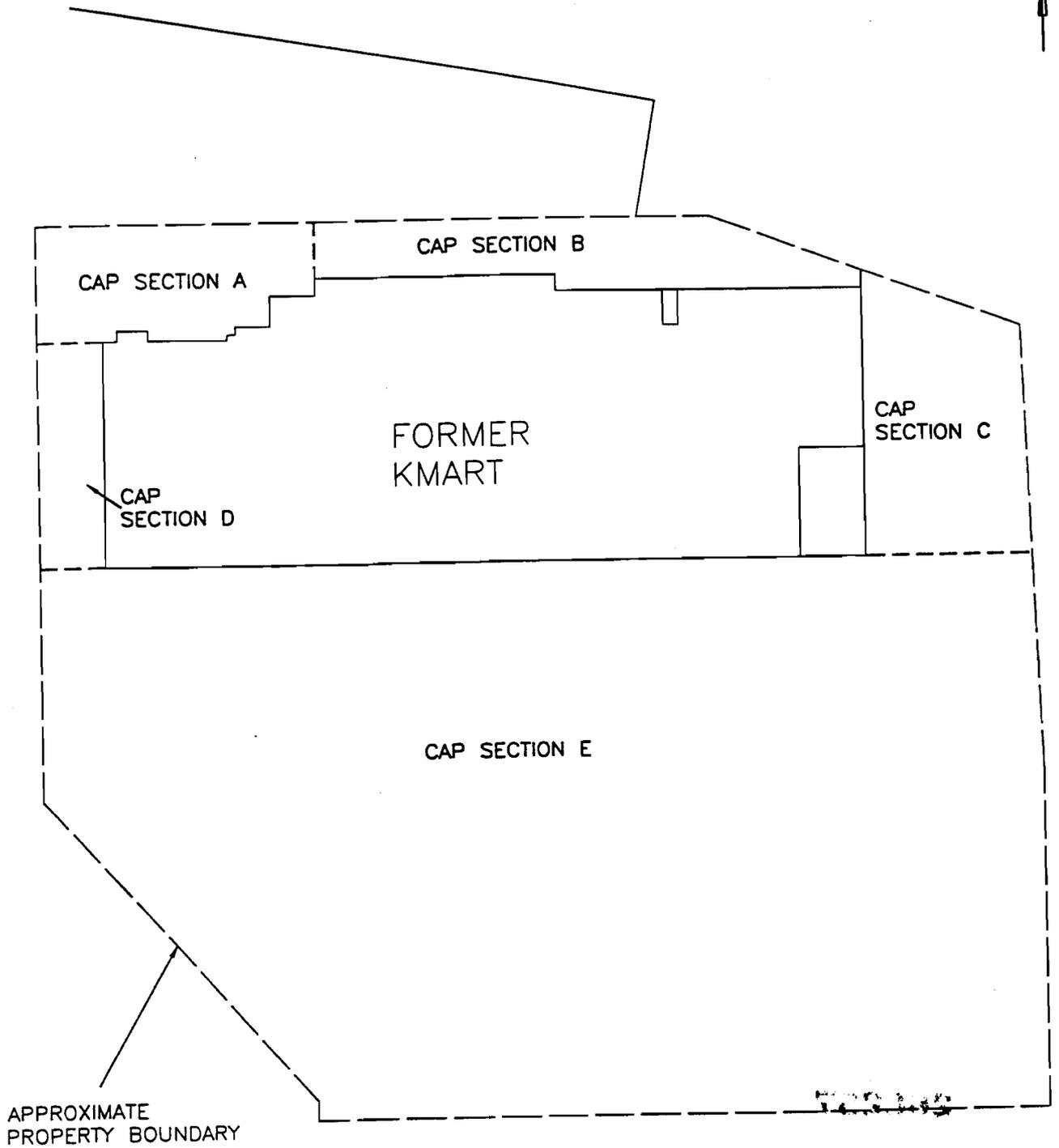
My commission is permanent



This document was drafted by The Mannik & Smith Group, Inc.

Tom COK





**Mannik & Smith**  
The Group, Inc.  
15300 Rotunda Drive, Suite 306 Dearborn, Michigan 48124  
Telephone: (313) 271-2223

**FIGURE 4.0**  
**INITIAL CAP ASSESSMENT MAP**  
FORMER KMART 4486  
2701 S. CHASE AVENUE, MILWAUKEE, WI

DATE	DRAWN BY	DESIGNED BY	PROJECT
12/9/03	DWG	MHZ	M20BA3W

## **CAP MAINTENANCE PLAN**

As recommended in the November 12, 2003 WDNR letter, *Review of Phase II Environmental Site Assessment Report and Conceptual Approval of Pathway to Case Closure for Kmart #4486*, this cap maintenance plan has been implemented and included in the Deed Restriction for the Site.

### **1.0 Initial Assessment**

The Kmart # 4486 site at 2701 South Chase Avenue in Milwaukee, WI is completely covered by impermeable surfaces including the building and the asphalt parking lot and concrete areas. In order to close the case, a strategy to avoid direct contact exposure with the soils at the Site has been enacted. This strategy includes maintaining these impermeable surfaces as an effective cap to minimize direct contact exposures to the underlying soil. The Mannik & Smith Group, Inc. (MSG) inspected the cap on November 18, 2003. The results of the initial assessment, including photographs of the cap, are contained in the *MSG Case Closure Report* dated December 31, 2003. Cap repairs based on the initial inspection are scheduled for completion as weather permits.

### **2.0 Biannual Inspection**

The cap will be inspected twice a year for cracks, potholes and other potential exposures to underlying soils. The inspections will be performed in the Spring and in the Fall to evaluate damage to the asphalt and concrete from exposure to the weather, wear from traffic, increasing age and other factors. Any area where soils have become or are likely to become exposed will be documented.

### **3.0 Cap Inspection Log**

A log of the inspections will be maintained by the property owner and is included as Attachment A, *Cap Inspection Log*. The log will include recommendations for necessary repair of any areas where underlying soils are exposed. Once repairs are completed they will be documented on the inspection log.

### **4.0 Maintenance Activities**

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

In the event that the cap is replaced, the replacement barrier must be equally impervious, with an infiltration rate equal to or less than  $1 \times 10^{-7}$  cm/s. The replacement barrier will be subject to identical maintenance and inspection guidelines unless indicated by the WDNR or its successor.

## **5.0 WDNR GIS Registry of Closed Remediation Sites**

If soil contamination is removed or remediated, the owner may obtain an updated Site closure from the WDNR and have the Site taken off of the GIS Registry of Closed Remediation Sites.



7455563

WARRANTY DEED

REEL 4192 IMAGE 1274

Document Number

Document Title

REGISTER'S OFFICE  
Milwaukee County, WI

RECORDED AT

DEC - 1 1997

REEL 4192 IMAGE 1274-1275

REGISTER  
OF DEEDS

Recording Area

Name and Return Address

COMMONWEALTH LAND TITLE  
NTS DIVISION  
900 WILSHIRE DRIVE, SUITE 305  
TROY, MI 48064

505-0021 110-X

506-0024-110-6

Parcel Identification Number (PIN)

TRANSFER

\$ 7,412.70  
FEE

7455563 #

RECORD 10.00  
RTX 7412.70

Parcel One (1) and Parcel Four (4) of Certified Survey Map No. 1633, recorded in the Office of the Register of Deeds for Milwaukee County, Wisconsin on August 6, 1971, in Reel 602, Image 1792, as Document No. 4612721, being a part of the Northeast One-quarter (1/4) and Southeast One-quarter (1/4) of Section Eight (8), Township Six (6) North, Range Twenty-two (22) East, in the City of Milwaukee, Milwaukee County, Wisconsin.

Except a parcel conveyed to the City of Milwaukee recorded in Reel 806, Image 1456, as Document No. 4668562, and except a parcel conveyed to Angelo Ditello and David S. Reszel, recorded on Reel 670, Image 1296, as Document No. 4698338.

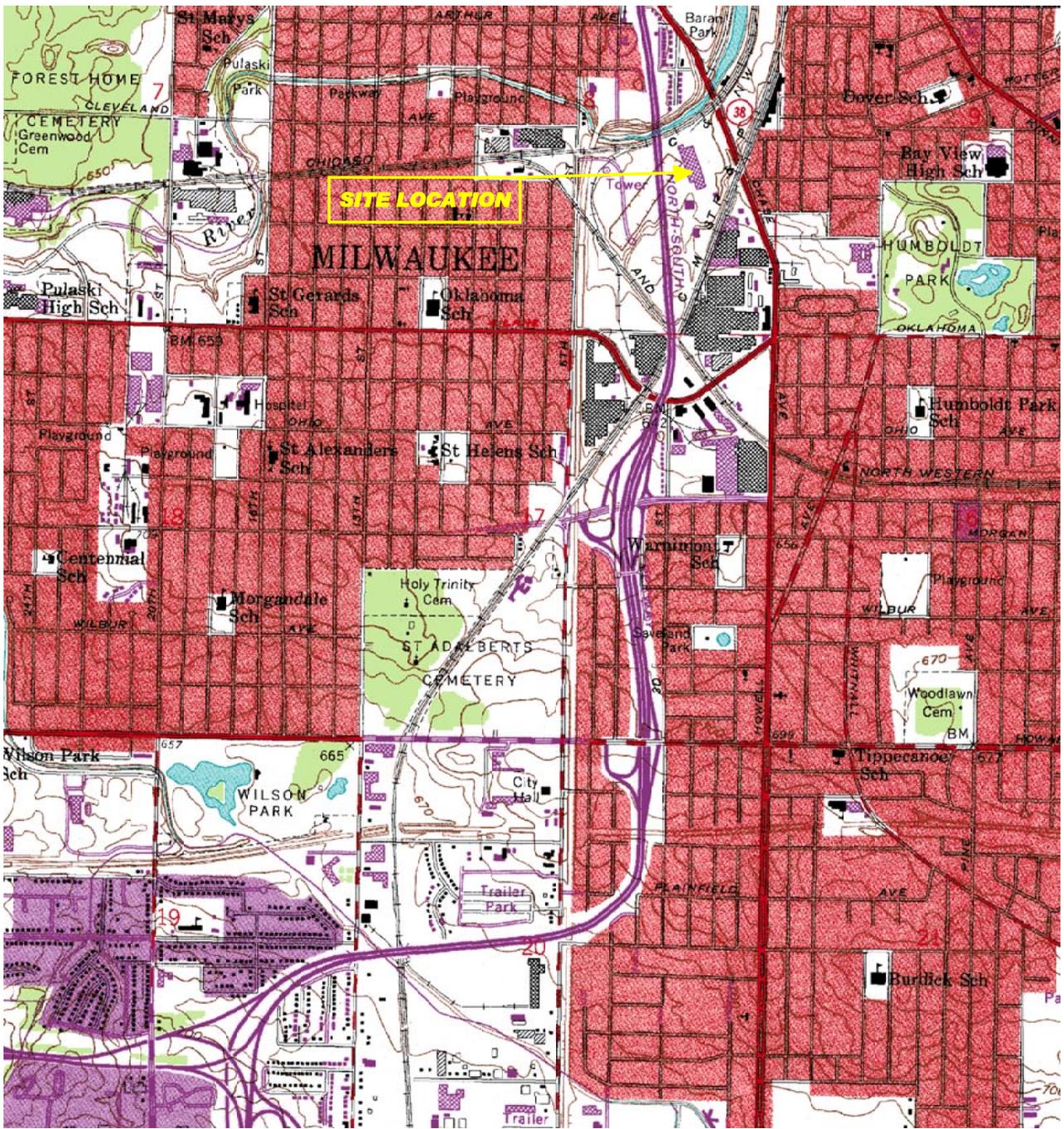
This cover sheet has been attached to the original document for the purpose of making the original document recordable under Wisconsin Statutes.

Except for the attachment of this cover page, the original document, as executed, remains unaltered.

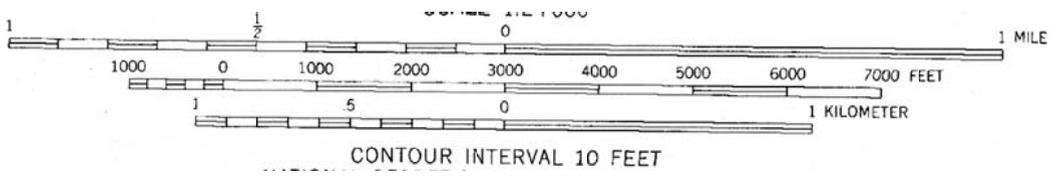
Cover sheet prepared by Land Title Services, Inc.







R22E



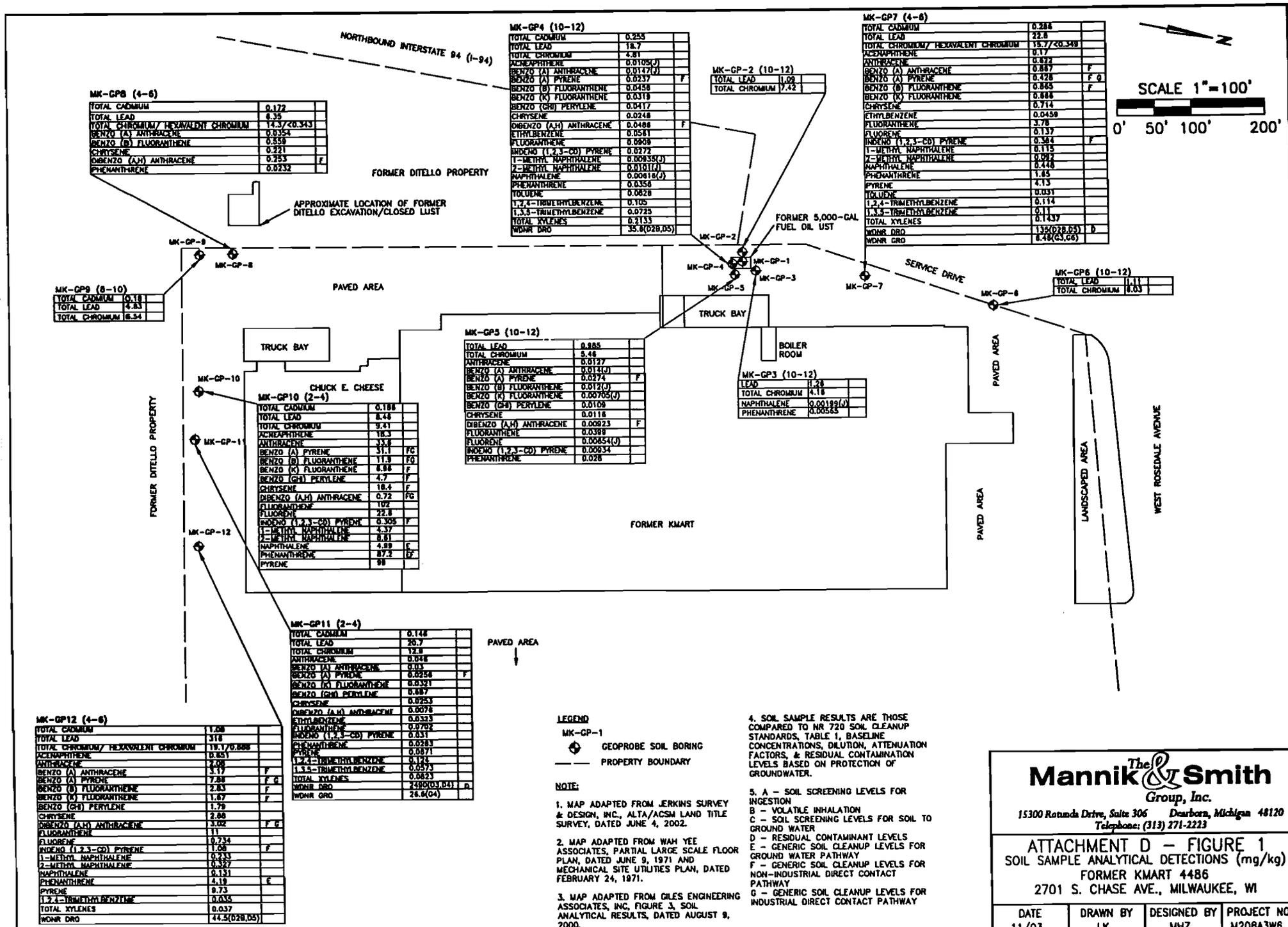
SCALE 1"=2000'

**The Mannik & Smith Group, Inc.**  
 15300 Rotunda Drive, Suite 306 Dearborn, Michigan 48120  
 Telephone: (313) 271-2223

FIGURE 1.0  
 SITE LOCATION MAP  
 FORMER KMART # 4486  
 2701 CHASE AVENUE, MILWAUKEE, WISCONSIN

NOTE:  
 MAP ADAPTED FROM USGS  
 GREENDALE, WIS. QUADRANGLE 7.5  
 MINUTE SERIES, DATED 1958,  
 PHOTOREVISED 1971 AND 1976.

DATE	DRAWN BY	DESIGNED BY	PROJECT NO.
10/02	DJG	SAC	M208A3W



**MK-GP8 (4-6)**

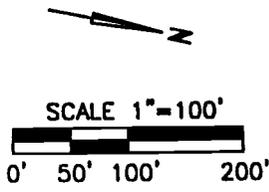
TOTAL CADMIUM	0.172	
TOTAL LEAD	8.35	
TOTAL CHROMIUM/HEXAVALENT CHROMIUM	14.7(20.343)	
ACENAPHTHENE	0.0354	
BENZO (B) FLUORANTHENE	0.559	
CHRYSENE	0.221	
DIBENZO (A,H) ANTHRACENE	0.253	F
PHENANTHRENE	0.0232	

**MK-GP4 (10-12)**

TOTAL CADMIUM	0.255	
TOTAL LEAD	18.7	
TOTAL CHROMIUM	4.81	
ACENAPHTHENE	0.0105(J)	
BENZO (A) ANTHRACENE	0.0147(J)	
BENZO (A) PYRENE	0.0237	F
BENZO (B) FLUORANTHENE	0.0458	
BENZO (K) FLUORANTHENE	0.0319	
BENZO (GH) PERYLENE	0.0417	
CHRYSENE	0.0248	
DIBENZO (A,H) ANTHRACENE	0.0488	F
ETHYLBENZENE	0.0581	
FLUORENE	0.0609	
INDENO (1,2,3-CD) PYRENE	0.0272	
1-METHYL NAPHTHALENE	0.00935(J)	
2-METHYL NAPHTHALENE	0.0101(J)	
NAPHTHALENE	0.00618(J)	
PHENANTHRENE	0.0358	
TOLUENE	0.0828	
1,2,4-TRIMETHYLBENZENE	0.105	
1,3,5-TRIMETHYLBENZENE	0.0725	
TOTAL XYLENES	0.2153	
WONR GRO	35.8(028,05)	

**MK-GP7 (4-6)**

TOTAL CADMIUM	0.286	
TOTAL LEAD	22.8	
TOTAL CHROMIUM/HEXAVALENT CHROMIUM	15.77(<0.348)	
ACENAPHTHENE	0.117	
ANTHRACENE	0.072	
BENZO (A) ANTHRACENE	0.0807	F
BENZO (A) PYRENE	0.428	F G
BENZO (B) FLUORANTHENE	0.865	F
BENZO (K) FLUORANTHENE	0.868	F
CHRYSENE	0.214	
ETHYLBENZENE	0.0459	
FLUORANTHENE	3.78	
FLUORENE	0.137	
INDENO (1,2,3-CD) PYRENE	0.384	F
1-METHYL NAPHTHALENE	0.115	
2-METHYL NAPHTHALENE	0.092	
NAPHTHALENE	0.448	
PHENANTHRENE	1.85	
PYRENE	4.13	
TOLUENE	0.031	
1,2,4-TRIMETHYLBENZENE	0.114	
1,3,5-TRIMETHYLBENZENE	0.11	
TOTAL XYLENES	0.1437	
WONR GRO	135(028,05)	D
WONR GRO	8.48(03,06)	



**MK-GP9 (8-10)**

TOTAL CADMIUM	0.18	
TOTAL LEAD	4.83	
TOTAL CHROMIUM	6.54	

**MK-GP10 (2-4)**

TOTAL CADMIUM	0.188	
TOTAL LEAD	8.48	
TOTAL CHROMIUM	9.41	
ACENAPHTHENE	18.3	
ANTHRACENE	33.8	
BENZO (A) PYRENE	31.1	FG
BENZO (B) FLUORANTHENE	11.3	FG
BENZO (K) FLUORANTHENE	8.88	F
BENZO (GH) PERYLENE	4.7	F
CHRYSENE	18.4	F
DIBENZO (A,H) ANTHRACENE	0.72	FG
FLUORANTHENE	102	
FLUORENE	22.8	
INDENO (1,2,3-CD) PYRENE	0.305	F
1-METHYL NAPHTHALENE	4.37	
2-METHYL NAPHTHALENE	8.81	
NAPHTHALENE	4.99	F
PHENANTHRENE	87.3	D
PYRENE	95	

**MK-GP5 (10-12)**

TOTAL LEAD	0.885	
TOTAL CHROMIUM	5.46	
ANTHRACENE	0.0127	
BENZO (A) ANTHRACENE	0.0140(J)	
BENZO (A) PYRENE	0.0274	F
BENZO (B) FLUORANTHENE	0.012(J)	
BENZO (K) FLUORANTHENE	0.00765(J)	
BENZO (GH) PERYLENE	0.0109	
CHRYSENE	0.0116	
DIBENZO (A,H) ANTHRACENE	0.00823	F
FLUORANTHENE	0.0389	
FLUORENE	0.00854(J)	
INDENO (1,2,3-CD) PYRENE	0.00834	
PHENANTHRENE	0.028	

**MK-GP3 (10-12)**

LEAD	1.28	
TOTAL CHROMIUM	4.18	
NAPHTHALENE	0.00199(J)	
PHENANTHRENE	0.00563	

**MK-GP11 (2-4)**

TOTAL CADMIUM	0.148	
TOTAL LEAD	26.7	
TOTAL CHROMIUM	12.8	
ANTHRACENE	0.048	
BENZO (A) ANTHRACENE	0.03	
BENZO (A) PYRENE	0.0258	F
BENZO (K) FLUORANTHENE	0.0321	
BENZO (GH) PERYLENE	0.887	
CHRYSENE	0.0253	
DIBENZO (A,H) ANTHRACENE	0.0078	
ETHYLBENZENE	0.0323	
FLUORANTHENE	0.0702	
INDENO (1,2,3-CD) PYRENE	0.031	
PHENANTHRENE	0.0283	
PYRENE	0.0871	
1,2,4-TRIMETHYLBENZENE	0.123	
1,3,5-TRIMETHYLBENZENE	0.051	
TOTAL XYLENES	0.0823	
WONR GRO	2490(03,04)	D
WONR GRO	26.6(04)	

**MK-GP12 (4-6)**

TOTAL CADMIUM	1.08	
TOTAL LEAD	318	
TOTAL CHROMIUM/HEXAVALENT CHROMIUM	119,170,888	
ACENAPHTHENE	0.851	
ANTHRACENE	2.08	
BENZO (A) ANTHRACENE	3.17	F
BENZO (A) PYRENE	7.89	F G
BENZO (B) FLUORANTHENE	2.83	F
BENZO (K) FLUORANTHENE	1.87	F
BENZO (GH) PERYLENE	1.79	F
CHRYSENE	2.88	
DIBENZO (A,H) ANTHRACENE	3.02	F G
FLUORANTHENE	11	
FLUORENE	0.736	
INDENO (1,2,3-CD) PYRENE	1.08	F
1-METHYL NAPHTHALENE	0.233	
2-METHYL NAPHTHALENE	0.327	
NAPHTHALENE	0.151	
PHENANTHRENE	4.19	F
PYRENE	0.73	
1,2,4-TRIMETHYLBENZENE	0.035	
TOTAL XYLENES	0.037	
WONR GRO	44.5(028,05)	

**LEGEND**  
 MK-GP-1  
 ● GEOPROBE SOIL BORING  
 — PROPERTY BOUNDARY

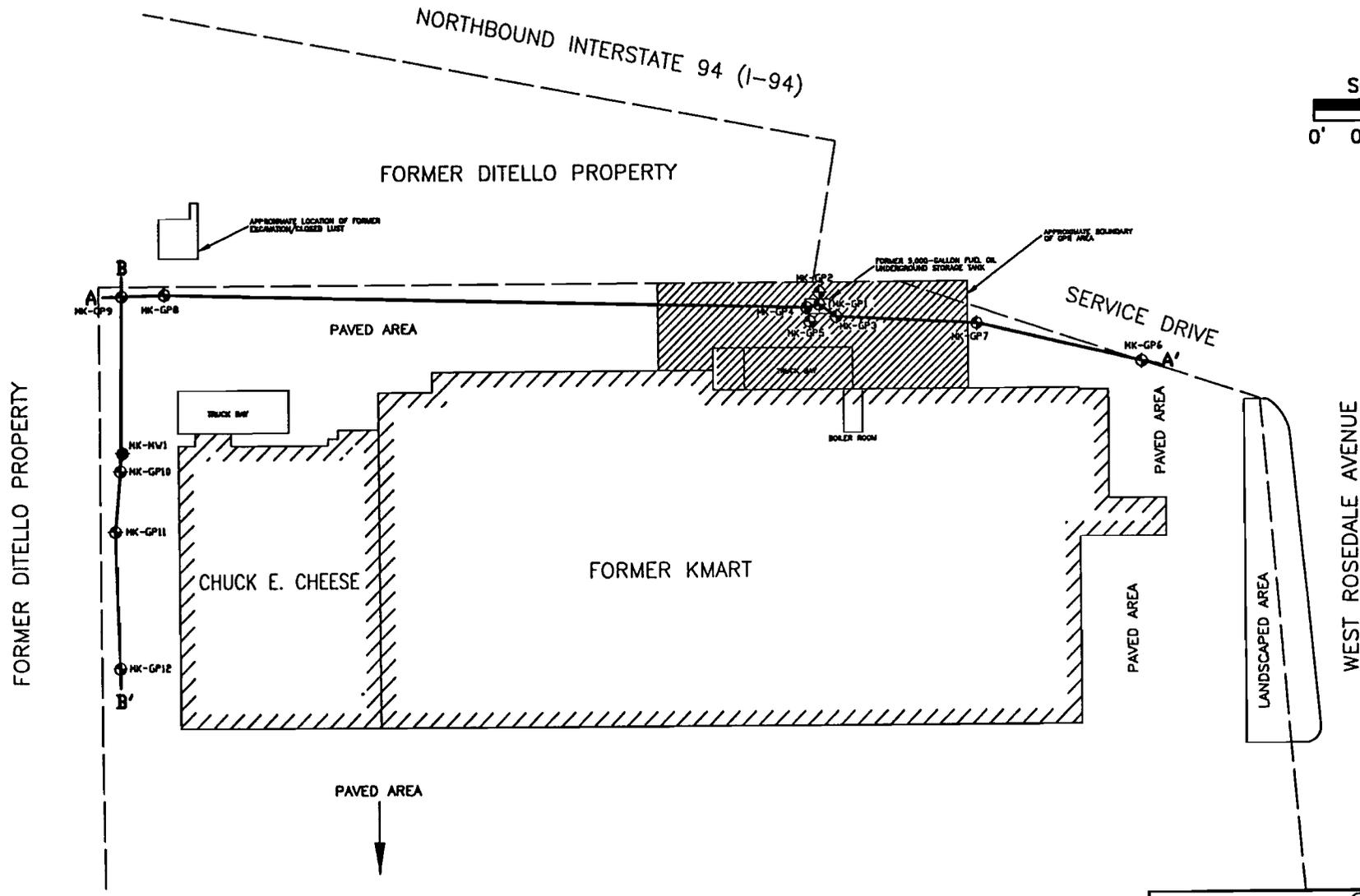
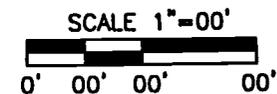
**NOTE:**  
 1. MAP ADAPTED FROM JERKINS SURVEY & DESIGN, INC., ALTA/ACSM LAND TITLE SURVEY, DATED JUNE 4, 2002.  
 2. MAP ADAPTED FROM WAH YEE ASSOCIATES, PARTIAL LARGE SCALE FLOOR PLAN, DATED JUNE 9, 1971 AND MECHANICAL SITE UTILITIES PLAN, DATED FEBRUARY 24, 1971.  
 3. MAP ADAPTED FROM GILES ENGINEERING ASSOCIATES, INC, FIGURE 3, SOIL ANALYTICAL RESULTS, DATED AUGUST 9, 2000.

4. SOIL SAMPLE RESULTS ARE THOSE COMPARED TO NR 720 SOIL CLEANUP STANDARDS, TABLE 1, BASELINE CONCENTRATIONS, DILUTION, ATTENUATION FACTORS, & RESIDUAL CONTAMINATION LEVELS BASED ON PROTECTION OF GROUNDWATER.  
 5. A - SOIL SCREENING LEVELS FOR INGESTION  
 B - VOLATILE INHALATION  
 C - SOIL SCREENING LEVELS FOR SOIL TO GROUND WATER  
 D - RESIDUAL CONTAMINANT LEVELS  
 E - GENERIC SOIL CLEANUP LEVELS FOR GROUND WATER PATHWAY  
 F - GENERIC SOIL CLEANUP LEVELS FOR NON-INDUSTRIAL DIRECT CONTACT PATHWAY  
 G - GENERIC SOIL CLEANUP LEVELS FOR INDUSTRIAL DIRECT CONTACT PATHWAY

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**ATTACHMENT D - FIGURE 1**  
 SOIL SAMPLE ANALYTICAL DETECTIONS (mg/kg)  
 FORMER KMART 4486  
 2701 S. CHASE AVE., MILWAUKEE, WI

DATE 11/03	DRAWN BY LK	DESIGNED BY MHZ	PROJECT NO. W208A3W6
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**NOTE:**

1. MAP ADAPTED FROM JERKINS SURVEY & DESIGN, INC., ALTA/ACSM LAND TITLE SURVEY, DATED JUNE 4, 2002.
2. MAP ADAPTED FROM WAH YEE ASSOCIATES, PARTIAL LARGE SCALE FLOOR PLAN, DATED JUNE 9, 1971 AND MECHANICAL SITE UTILITIES PLAN, DATED FEBRUARY 24, 1971.
3. MAP ADAPTED FROM GILES ENGINEERING ASSOCIATES, INC, FIGURE 3, SOIL ANALYTICAL RESULTS, DATED AUGUST 9, 2000.

**LEGEND**

- MK-GP1  GEOPROBE SOIL BORING
-  SUBJECT PROPERTY BOUNDARY
-  GEOLOGIC CROSS-SECTION LOCATION

**Mannik & Smith**  
Group, Inc.

*Civil Engineering, Surveying and Environmental Consulting*

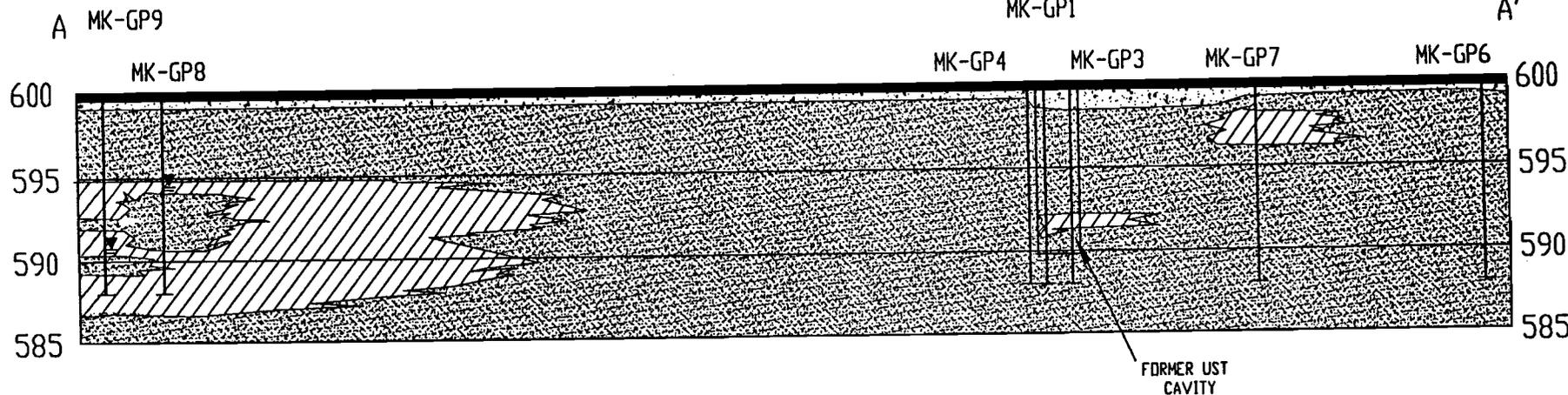
**ATTACHMENT D - FIGURE 2**  
SITE SCHEMATIC WITH CROSS SECTIONS  
FORMER KMART 4486

2701 S. CHASE AVENUE, MILWAUKEE, WI

DATE 11/03	DRAWN BY DJG	DESIGNED BY SAC	PROJECT NO. M208A3W6
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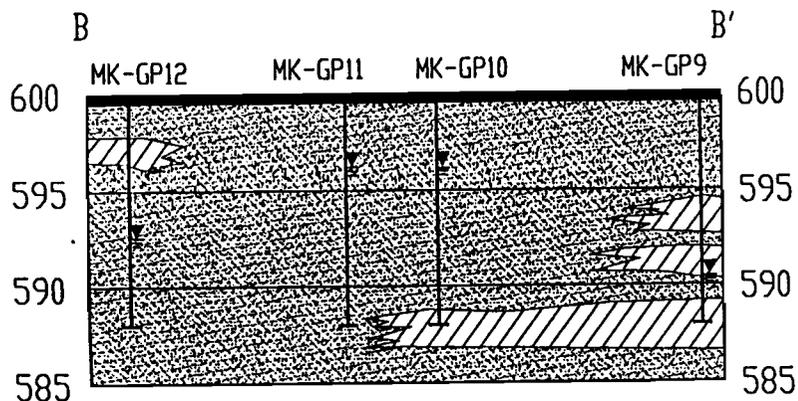
SOUTH

NORTH



WEST

EAST



CROSS-SECTION SCALE  
 VERTICAL: 1" = 10'  
 HORIZONTAL 1" = 80'

NOTE:

1. LOCATION OF CROSS-SECTIONS ARE DEPICTED ON FIGURE 2.0, SITE SCHEMATIC.
2. SOIL CLASSIFICATIONS ARE TAKEN FROM SOIL BORING CONDUCTED ON APRIL 3, 2003.
3. SOIL CLASSIFICATIONS ADAPTED FROM UNITED STATES GEOLOGICAL SURVEY FIELD CLASSIFICATIONS.

LEGEND:

- GP - POORLY GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.
- ML - INORGANIC SILTS AND VERY FINE SANDS, ROCK FLOUR, SILTY OR CLAYEY FINE SANDS, OR CLAYEY SILTS WITH SLIGHT PLASTICITY.
- SM - SILTY SANDS, SAND-SILT MIXTURES
- SP - POORLY GRADED SANDS OR GRAVELLY SANDS, LITTLE OR NO FINES.
- GW - WELL GRADED GRAVELS OR GRAVEL-SAND MIXTURES, LITTLE OR NO FINES.
- PT - PEAT AND OTHER HIGHLY ORGANIC SOILS.

-  ASPHALT
-  GW-TAN SANDY GRAVEL FILL
-  SP-FINE SAND WITH TRACE GRAVEL AND SILT
-  ML-SILT/CLAY

**Mannik & Smith**  
 Group, Inc.

*Civil Engineering, Surveying and Environmental Consulting*

ATTACHMENT D - FIGURE 3  
 GEOLOGIC CROSS SECTION  
 FORMER KMART  
 2701 S. CHASE AVENUE, MILWAUKEE, WI

DATE 11/03	DRAWN BY LK	DESIGNED BY AJA	PROJECT NO. M208A3W6
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Table 2

## Summary of PVOC, GRO, PAH and DRO Soil Sample Analytical Results (mg/kg)

Kmart  
Milwaukee, Wisconsin

EPA 6010 - Metals	NR 720 - Generic Clean Up Levels - Table 2		Investigation of Fromer 5,000 Gallon Fuel Oil UST				Investigation of Former Railroad		Investigation of Adjacent Property				
	Non-Industrial	Industrial	MK-GP2 (10-12)	MK-GP3 (10-12)	MK-GP4 (10-12)	MK-GP5 (10-12)	MK-GP6 (10-12)	MK-GP7 (4-6)	MK-GP8 (4-6)	MK-GP9 (8-10)	MK-GP10 (2-4)	MK-GP11 (2-4)	MK-GP12 (4-6)
Total Cadmium	8	510	<0.039	<0.0387	0.255	<0.0384	<0.0389	0.268	0.172	0.18	0.186	0.146	1.08
Total Lead	50	500	1.09	1.26	18.7	0.985	1.11	22.8	6.35	4.83	8.46	20.7	316
Hexavalent Chrome	14	200	N/A	N/A	N/A	N/A	N/A	<0.349	<0.343	N/A	N/A	N/A	0.888
Total Chromium	16,000	NA	7.42	4.16	4.81	5.46	6.03	15.7	14.3	6.54	9.41	12.9	19.1

EPA 8021 - PVOC	US EPA Soil Screening		NR 720 - Table 1	Investigation of Fromer 5,000 Gallon Fuel Oil UST				Investigation of Former Railroad		Investigation of Adjacent Property						
	Soil Screening Levels for Ingestion *	Volatile Inhalation *		Soil Screening Levels for Soil to Ground Water *	Residual Contaminant Levels	MK-GP2 (10-12)	MK-GP3 (10-12)	MK-GP4 (10-12)	MK-GP5 (10-12)	MK-GP6 (10-12)	MK-GP7 (4-6)	MK-GP8 (4-6)	MK-GP9 (8-10)	MK-GP10 (2-4)	MK-GP11 (2-4)	MK-GP12 (4-6)
Benzene	104	0.16	0.0023	0.0055	<0.025	<0.4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Ethylbenzene		2.2	0.77	2.9	<0.025	<0.4	0.0561	<0.025	<0.025	0.0459	<0.025	<0.025	0.0323	<0.025		
Methyl t-Butyl Ether (MTBE)					<0.025	<0.4	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
Toluene			0.72	1.5	<0.025	<0.4	0.0828	<0.025	<0.025	0.031	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
1,2,4-Trimethylbenzene					<0.025	<0.4	0.105	<0.025	<0.025	0.114	<0.025	<0.025	<0.025	0.124	0.035	
1,3,5-Trimethylbenzene					<0.025	<0.4	0.0725	<0.025	<0.025	0.11	<0.025	<0.025	<0.025	0.0573	<0.025	
Total Xylenes			23	4.1	<0.025	<0.4	0.2133	<0.025	<0.025	0.1437	<0.025	<0.025	<0.025	0.0823	0.037	

EPA 8310 - PAH	Generic Soil Cleanup Levels - Table 1			Laboratory Quantitation Limit	Investigation of Fromer 5,000 Gallon Fuel Oil UST				Investigation of Former Railroad		Investigation of Adjacent Property				
	Ground Water Pathway	Direct Contact Pathway			MK-GP2 (10-12)	MK-GP3 (10-12)	MK-GP4 (10-12)	MK-GP5 (10-12)	MK-GP6 (10-12)	MK-GP7 (4-6)	MK-GP8 (4-6)	MK-GP9 (8-10)	MK-GP10 (2-4)	MK-GP11 (2-4)	MK-GP12 (4-6)
		Non-Industrial	Industrial												
Acenaphthene	38	900	60,000	0.0157	<0.00495	<0.00492	0.0105 (J)	<0.00488	<0.00494	0.17	<0.0108	<0.0053	18.3	<0.0107	0.651
Acenaphthylene	0.7	18	360	0.022	<0.00695	<0.00691	<0.014	<0.00685	<0.00693	<0.0768	<0.0151	<0.00744	<0.186	<0.015	<0.0781
Anthracene	3,000	5,000	300,000	0.00333	<0.00105	<0.00105	<0.00213	0.0127	<0.00105	0.622	<0.00229	<0.00113	33.6	0.0146	2.08
Benzo (a) Anthracene	17	0.088	3.9	0.0137	<0.00432	<0.00429	0.0147 (J)	0.014 (J)	<0.00431	0.867	0.0354	<0.00462	<0.927	0.03	3.17
Benzo (a) Pyrene	48	0.0088	0.36	0.00766	<0.00242	<0.00241	0.0237	0.0274	<0.00242	0.428	<0.00526	<0.00259	31.1	0.0256	7.86
Benzo (b) Fluoranthene	360	0.088	3.9	0.00699	<0.00221	<0.0022	0.0456	0.012 (J)	<0.00221	0.865	0.0559	<0.00237	11.9	<0.00476	2.83
Benzo (k) Fluoranthene	870	0.88	39	0.00966	<0.00306	<0.00304	0.0319	0.00705 (J)	<0.00305	0.666	<0.00664	<0.00327	6.96	0.0321	1.67
Benzo (ghi) Perylene	6,800	1.8	39	0.00699	<0.00221	<0.0022	0.0417	0.0109	<0.00221	<0.0244	<0.00481	<0.00237	4.7	0.0687	1.79
Chrysene	37	8.8	390	0.00766	<0.00242	<0.00241	0.0248	0.0116	<0.00242	0.714	0.0221	<0.00259	18.4	0.0253	2.88
Dibenzo (a,h) Anthracene	38	0.0088	0.39	0.00466	<0.00148	<0.00147	0.0486	0.00923	<0.00147	<0.0163	0.253	<0.00158	0.72	0.0076	3.02
Fluoranthene	500	600	40,000	0.00333	<0.00105	<0.00105	0.0909	0.0399	<0.00105	3.78	<0.00229	<0.00113	102	0.0702	11
Fluorene	100	600	40,000	0.00666	<0.00211	<0.00209	<0.00425	0.00654 (J)	<0.0021	0.137	<0.00458	<0.00225	22.6	<0.00454	0.734
Indeno (1,2,3-cd) Pyrene	680	0.088	3.9	0.00533	<0.00169	<0.00168	0.0272	0.00934	<0.00168	0.384	<0.00366	<0.0018	3.05	0.031	1.08
1-Methyl Naphthalene	23	1,100	70,000	0.0117	<0.00369	<0.00366	0.00935 (J)	<0.00363	<0.00368	0.115	<0.00801	<0.00395	4.37	<0.00794	0.233
2-Methyl Naphthalene	20	600	40,000	0.0137	<0.00432	<0.00429	0.0101 (J)	<0.00425	<0.00431	0.092	<0.00938	<0.00462	8.61	<0.0093	0.327
Naphthalene	0.4	20	110	0.00533	<0.00169	0.00199 (J)	0.00616 (J)	<0.00166	<0.00168	0.0448	<0.00336	<0.0018	4.99	<0.00363	0.131
Phenanthrene	1.8	18	390	0.00766	<0.00242	0.00565	0.0356	0.028	<0.00242	1.65	0.0232	<0.00259	87.2	0.0283	4.19
Pyrene	8,700	500	30,000	0.00333	<0.00105	<0.00105	<0.00213	<0.00104	<0.00105	4.13	<0.00229	<0.00113	99	0.0671	9.73

\* Values derived from the US EPA Soil Screening Web Site using Wisconsin Non-Industrial default parameters.

WDNR Modified Methods	NR 720 Generic Residual Contaminant Levels	Investigation of Fromer 5,000 Gallon Fuel Oil UST				Investigation of Former Railroad		Investigation of Adjacent Property				
		MK-GP2 (10-12)	MK-GP3 (10-12)	MK-GP4 (10-12)	MK-GP5 (10-12)	MK-GP6 (10-12)	MK-GP7 (4-6)	MK-GP8 (4-6)	MK-GP9 (8-10)	MK-GP10 (2-4)	MK-GP11 (2-4)	MK-GP12 (4-6)
WDNR DRO	100	<5.27	<5.24	35.6 (D2B, D5)	<5.19	<5.25	135 (D2B, D5)	<5.72	<5.64	<5.65 (SH)	2,490 (D3, D4)	44.5 (D2B, D5)
WDNR GRO	100	<5.27	<5.24	<5.31	<5.19	<5.25	6.46 (G3, G6)	<5.72	<5.64	<5.65	26.6 (G4)	<5.92

J - Estimated concentration below laboratory quantitation limit.

D2B - The chromatogram is characteristic for a heavier petroleum product other than diesel. (I.e. motor oil, hydraulic oil, etc.)

D5 - The chromatogram contained significant peaks and a raise baseline outside the DRO window.

G3 - The chromatogram is not characteristic for either gas or aged gas. It has a reportable concentration of peaks/ area within the GRO window.

G6 - The chromatogram contains a significant number of peaks and a raised baseline outside the GRO window.

SH - Surrogate recovery was high. Result for the sample may be biased high.

D3 - The chromatogram is not characteristic for diesel or any single common petroleum product.

D4 - The chromatogram contained significant peaks outside the DRO window.

G4 - The chromatogram contains a single compound which accounts for most of the GRO result.

Grey shading denotes parameters exceeding WDNR NR 720 Generic Soil Cleanup Levels .

Green shading denotes parameters exceeding WDNR Generic Soil Cleanup Levels for Non-Industrial Direct Contact Pathway.

Orange shading denotes parameters exceeding WDNR Generic Soil Cleanup Levels for Non-Industrial and Industrial Direct Contact Pathways.

Blue shading denotes parameters exceeding WDNR Generic Soil Cleanup Levels for Ground Water Pathway.

Purple denotes parameters exceeding WDNR Generic Soil Cleanup Levels for Ground Water and Non-Industrial Direct Contact Pathways.

Table 1

## Summary of PVOC, GRO, PAH and DRO Ground Water Sample Analytical Results (ug/l)

Kmart  
Milwaukee, Wisconsin

NR 140 Ground Water Quality - Table 1					
EPA 8021 - PVOC	Enforcement Standard	Preventative Action Limit	Laboratory Limit of Quantitation	MK-GP8 4/3/03	MK-GP10 4/3/03
Benzene	5	0.5	1.03	<0.31	<0.31
Ethylbenzene	700	140	1.67	<0.5	<0.5
Methyl t-Butyl Ether (MTBE)	60	12	0.999	<0.3	1.11
Toluene	1000	200	0.999	<0.3	<0.3
Total Trimethylbenzene	480*	96*	2.36	<0.71	<0.71
Total Xylenes	10000	1000	3.059	<0.92	<0.92

NR 140 Ground Water Quality - Table 1							
EPA 8310 - PAH	Enforcement Standard	Preventative Action Limit	Laboratory Limit of Quantitation	MK-GP8 4/3/03	MK-GP10 4/3/03	MW-1 11/19/03	MW-1 12/18/03
Acenaphthene	600	120	0.2	<0.06	<0.06	0.729	0.179(J)
Acenaphthylene	5	1	0.2	<0.06	<0.06	<0.06	<0.063
Anthracene	3000	600	0.167	<0.05	0.14 (J)	<0.05	<0.0525
Benzo (a) Anthracene	0.048	0.0048	0.133	0.11 (J)	0.33	<0.04	<0.042
Benzo (a) Pyrene	0.2	0.02	0.0566	0.138	0.27	<0.017	<0.0178
Benzo (b) Fluoranthene	0.2	0.02	0.133	0.1 (J)	0.12	<0.04	<0.042
Benzo (k) Fluoranthene	0.48	0.096	0.133	0.11 (J)	0.16	<0.04	<0.042
Benzo (ghi) Perylene	0.4	0.048	0.167	<0.05	<0.05	<0.05	<0.0525
Chrysene	0.2	0.02	0.167	<0.05	<0.05	<0.05	<0.0525
Dibenzo (a,h) Anthracene	0.0048	0.00048	0.2	<0.06	<0.06	<0.06	<0.063
Fluoranthene	400	80	0.2	<0.06	0.53	<0.06	<0.063
Fluorene	400	80	0.4	<0.12	<0.12	0.738	0.16(J)
Indeno (1,2,3-cd) Pyrene	0.048	0.0048	0.167	<0.05	<0.05	<0.05	<0.0525
1-Methyl Naphthalene	700	140	0.266	<0.08	<0.08	1.14	<0.084
2-Methyl Naphthalene	400	80	0.366	<0.11	<0.11	2.03	<0.116
Naphthalene	40	8	0.333	<0.1	<0.1	1.65	<0.105
Phenanthrene	4.8	0.96	0.266	0.15 (J)	0.26 (J)	<0.08	<0.084
Pyrene	250	50	0.3	<0.09	<0.09	<0.09	<0.0945

	MK-GP8 4/3/03	MK-GP10 4/3/03
WDNR Modified Method	4/3/03	4/3/03
WDNR DRO *	<450	<420
WDNR GRO *	<50.0	<50.0

J - Estimated concentration below laboratory quantitation limit.

Grey shading denotes parameters exceeding WDNR NR 140 Ground Water Quality Enforcement Standard and Preventative Action Limit.

Green shading denotes parameters exceeding WDNR NR 140 Ground Water Quality Preventative Action Limit.

\* WDNR has not established Enforcement Standards or Preventative Action Limits for DRO and GRO.

**ATTACHMENT D - TABLE 2  
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FOR METALS**

Kmart Store #4486, Milwaukee, Wisconsin  
FID # 241365300

Sample ID	Sample Depth	Sample Date	Total Cadmium	Total Lead	Hexavalent Chrome	Total Chromium
MK-GP2	10 to 12	4/3/03	<0.039	1.09	N/A	7.42
MK-GP3	10 to 12	4/3/03	<0.0387	1.26	N/A	4.16
MK-GP4	10 to 12	4/3/03	0.255	18.7	N/A	4.81
MK-GP5	10 to 12	4/3/03	<0.0384	0.985	N/A	5.46
MK-GP6	10 to 12	4/3/03	<0.0389	1.11	N/A	6.03
MK-GP7	4 to 6	4/3/03	0.268	22.8	<0.349	15.7
MK-GP8	4 to 6	4/3/03	0.172	6.35	<0.343	14.3
MK-GP9	8 to 10	4/3/03	0.18	4.83	N/A	6.54
MK-GP10	2 to 4	4/3/03	0.186	8.46	N/A	9.41
MK-GP11	2 to 4	4/3/03	0.146	20.7	N/A	12.9
MK-GP12	4 to 6	4/3/03	1.08	316	0.888	19.1
NR 720 Non-Industrial Generic Cleanup Levels			8	50	14	16,000
NR 720 Industrial Generic Cleanup Levels			510	500	200	NA

Concentrations are given in mg/kg.

**ATTACHMENT D - TABLE 3  
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FOR PVOCs**

Kmart Store #4486, Milwaukee, Wisconsin  
FID # 241365300

Sample ID	Sample Depth	Sample Date	Benzene	Ethylbenzene	Methyl t-Butyl Ether (MTBE)	Naphthalene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes
MK-GP2	10 to 12	4/3/03	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
MK-GP3	10 to 12	4/3/03	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4	<0.4
MK-GP4	10 to 12	4/3/03	<0.025	0.0561	<0.025	0.0828	0.0828	0.105	0.0725	0.2133
MK-GP5	10 to 12	4/3/03	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
MK-GP6	10 to 12	4/3/03	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
MK-GP7	4 to 6	4/3/03	<0.025	0.0459	<0.025	<0.025	0.031	0.114	0.11	0.1437
MK-GP8	4 to 6	4/3/03	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
MK-GP9	8 to 10	4/3/03	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
MK-GP10	2 to 4	4/3/03	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025
MK-GP11	2 to 4	4/3/03	<0.025	0.0323	<0.025	<0.025	<0.025	0.124	0.0573	0.0823
MK-GP12	4 to 6	4/3/03	<0.025	<0.025	<0.025	<0.025	<0.025	0.035	<0.025	0.037
US EPA Soil Screening Levels for Ingestion			104							
US EPA Soil Screening Levels for Volatile Inhalation			0.16	2.2						
US EPA Soil Screening Levels for Soil to Ground Water			0.0023	0.77		3.1	0.72			23
NR 720 Residual Contaminant Levels			0.0055	2.9		2.7	1.5			4.1

Concentrations are given in mg/kg.

**ATTACHMENT D - TABLE 4  
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FOR PAHs**

Kmart Store #4486, Milwaukee, Wisconsin  
FID # 241365300

Sample ID	Sample Depth	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo (a) Anthracene	Benzo (a) Pyrene	Benzo (b) Fluoranthene	Benzo (k) Fluoranthene	Benzo (ghi) Perylene	Chrysene
MK-GP2	10 to 12	4/3/03	<0.00495	<0.00695	<0.00105	<0.00432	<0.00242	<0.00221	<0.00306	<0.00221	<0.00242
MK-GP3	10 to 12	4/3/03	<0.00492	<0.00691	<0.00105	<0.00429	<0.00241	<0.0022	<0.00304	<0.0022	<0.00241
MK-GP4	10 to 12	4/3/03	0.0105 (J)	<0.014	<0.00213	0.0147 (J)	<b>0.0237</b>	0.0456	0.0319	0.0417	0.0248
MK-GP5	10 to 12	4/3/03	<0.00488	<0.00685	0.0127	0.014 (J)	<b>0.0274</b>	0.012 (J)	0.00705 (J)	0.0109	0.0116
MK-GP6	10 to 12	4/3/03	<0.00494	<0.00693	<0.00105	<0.00431	<0.00242	<0.00221	<0.00305	<0.00221	<0.00242
MK-GP7	4 to 6	4/3/03	0.17	<0.0768	0.622	<b>0.867</b>	<b>0.428</b>	<b>0.865</b>	0.666	<0.0244	0.714
MK-GP8	4 to 6	4/3/03	<0.0108	<0.0151	<0.00229	0.0354	<0.00526	0.0559	<0.00664	<0.00481	0.0221
MK-GP9	8 to 10	4/3/03	<0.0053	<0.00744	<0.00113	<0.00462	<0.00259	<0.00237	<0.00327	<0.00237	<0.00259
MK-GP10	2 to 4	4/3/03	18.3	<0.186	33.6	<0.927	<b>31.1</b>	<b>11.9</b>	<b>6.96</b>	<b>4.7</b>	<b>18.4</b>
MK-GP11	2 to 4	4/3/03	<0.0107	<0.015	0.0146	0.03	<b>0.0256</b>	<0.00476	0.0321	0.0687	0.0253
MK-GP12	4 to 6	4/3/03	0.651	<0.0781	2.08	<b>3.17</b>	<b>7.86</b>	<b>2.83</b>	<b>1.67</b>	1.79	2.88
GSCL - Ground Water Pathway			38	0.7	3,000	17	48	360	870	6,800	37
GSCL - Non-Industrial Direct Contact Pathway			900	18	5,000	<b>0.088</b>	<b>0.0088</b>	<b>0.088</b>	<b>0.88</b>	<b>1.8</b>	<b>8.8</b>
GSCL - Industrial Direct Contact Pathway			60,000	360	300,000	3.9	<b>0.36</b>	<b>3.9</b>	39	39	390

GSCL - Generic Soil Cleanup Levels

Concentrations are given in mg/kg.

**ATTACHMENT D - TABLE 4  
SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS FOR PAHs**

Kmart Store #4486, Milwaukee, Wisconsin  
FID # 241365300

Sample ID	Sample Depth	Sample Date	Dibenzo (a,h) Anthracene	Fluoranthene	Fluorene	Indeno (1,2,3-cd) Pyrene	1-Methyl Naphthalene	2-Methyl Naphthalene	Naphthalene	Phenanthrene	Pyrene
MK-GP2	10 to 12	4/3/03	<0.00148	<0.00105	<0.00211	<0.00169	<0.00369	<0.00432	<0.00169	<0.00242	<0.00105
MK-GP3	10 to 12	4/3/03	<0.00147	<0.00105	<0.00209	<0.00168	<0.00366	<0.00429	0.00199 (J)	0.00565	<0.00105
MK-GP4	10 to 12	4/3/03	<b>0.0486</b>	0.0909	<0.00425	0.0272	0.00935 (J)	0.0101 (J)	0.00616 (J)	0.0356	<0.00213
MK-GP5	10 to 12	4/3/03	<b>0.00923</b>	0.0399	0.00654 (J)	0.00934	<0.00363	<0.00425	<0.00166	0.028	<0.00104
MK-GP6	10 to 12	4/3/03	<0.00147	<0.00105	<0.0021	<0.00168	<0.00368	<0.00431	<0.00168	<0.00242	<0.00105
MK-GP7	4 to 6	4/3/03	<0.0163	3.78	0.137	<b>0.384</b>	0.115	0.092	0.0448	1.65	4.13
MK-GP8	4 to 6	4/3/03	<b>0.253</b>	<0.00229	<0.00458	<0.00366	<0.00801	<0.00938	<0.00336	0.0232	<0.00229
MK-GP9	8 to 10	4/3/03	<0.00158	<0.00113	<0.00225	<0.0018	<0.00395	<0.00462	<0.0018	<0.00259	<0.00113
MK-GP10	2 to 4	4/3/03	<b>0.72</b>	102	22.6	<b>0.305</b>	4.37	8.61	<b>4.99</b>	<b>87.2</b>	99
MK-GP11	2 to 4	4/3/03	0.0076	0.0702	<0.00454	0.031	<0.00794	<0.0093	<0.00363	0.0283	0.0671
MK-GP12	4 to 6	4/3/03	<b>3.02</b>	11	0.734	<b>1.08</b>	0.233	0.327	0.131	<b>4.19</b>	9.73
GSCL - Ground Water Pathway			38	500	100	680	23	20	<b>0.4</b>	<b>1.8</b>	<b>8,700</b>
GSCL - Non-Industrial Direct Contact Pathway			<b>0.0088</b>	600	600	<b>0.088</b>	1,100	600	20	<b>18</b>	500
GSCL - Industrial Direct Contact Pathway			<b>0.39</b>	40,000	40,000	3.9	70,000	40,000	110	390	30,000

GSCL - Generic Soil Cleanup Levels

Concentrations are given in mg/kg.

January 8, 2004

Andrew Boettcher, Hydrogeologist  
WDNR, Southeast Region  
2300 North Martin Luther King Drive  
Milwaukee, WI 53212

**RE: Responsible Party Statement of Accurate Legal Property Description  
2701 South Chase Avenue, Milwaukee, WI 53207**

Dear Mr. Boettcher:

As required for site closure under the Wisconsin Department of Natural Resources (WDNR) Geographic Information System (GIS) Registry of Closed Remediation Sites, Malan Realty Investors, Inc., responsible party for the property located at 2701 South Chase Avenue, Milwaukee, WI 53207 (Site), believes that the legal description for the property contained within this GIS Registry packet is accurate and complete. Based on analytical soil sample results and evidence of historic filling associated with railroad activities, soil impacts exceeding WDNR generic soil cleanup standards are suspected to be present over the entire property.

Sincerely,

  
Jeffrey D. Lewis  
Chief Executive Officer  
Malan Realty Investors, Inc.