# GIS REGISTRY
**Cover Sheet**

AUG 11 2011

July, 2008
(RR 5367)

## Source Property Information

CLOSURE DATE: Aug 11, 2011

**BRRTS #:** 02-41-557285

FID #: 241279720

ACTIVITY NAME: Cambridge Building

DATCP #:

PROPERTY ADDRESS: 2326 North Cambridge Avenue

COMM #:

MUNICIPALITY: Milwaukee

PARCEL ID #: 3201722000; CSM #8199

***WTM COORDINATES:**

X: **691703** Y: **289761**

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

**WTM COORDINATES REPRESENT:**

○ Approximate Center Of Contaminant Source

◉ Approximate Source Parcel Center

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

### Contaminated Media:

☐ Groundwater Contamination > ES *(236)*

- ☐ Contamination in ROW
- ☐ Off-Source Contamination

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

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

- ☐ Contamination in ROW
- ☐ Off-Source Contamination

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

### Land Use Controls:

☒ Soil: maintain industrial zoning *(220)*

*(**note:** soil contamination concentrations between residential and industrial levels)*

☐ Structural Impediment *(224)*

☐ Site Specific Condition *(228)*

☒ Cover or Barrier *(222)*

*(**note:** maintenance plan for groundwater or direct contact)*

☐ Vapor Mitigation *(226)*

☐ Maintain Liability Exemption *(230)*

*(**note:** local government or economic development corporation)*

**Monitoring wells properly abandoned?** *(234)*

○ Yes ○ No ◉ N/A

** Residual Contaminant Level*
***Site Specific Residual Contaminant Level*

State of Wisconsin
Department of Natural Resources
http://dnr.wi.gov

PLEASE ASSEMBLE IN THIS ORDER

# GIS Registry Checklist

Form 4400-245 (R 3/10)



RECEIVED
AUG 3 - 2011
By

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

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

BRRTS #: 02-41-557285 *(No Dashes)* PARCEL ID #: Tax Key# 3201722000; CSM# 8199 (see attached)

ACTIVITY NAME: Cambridge Building WTM COORDINATES: X: 691703 Y: 289761

## CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)

- [X] **Closure Letter**
- [X] **Maintenance Plan** (*if activity is closed with a land use limitation or condition (land use control) under s. 292.12, Wis. Stats.*)
- [ ] **Continuing Obligation Cover Letter** (for property owners affected by residual contamination and/or continuing obligations)
- [ ] **Conditional Closure Letter**
- [ ] **Certificate of Completion (COC)** (for VPLE sites)

## SOURCE LEGAL DOCUMENTS

- [X] **Deed:** The most recent deed as well as legal descriptions, for the **Source Property** (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  ***Note:*** *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*
- [X] **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map *for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map.* (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).
  **Figure #:** **Title:** Certified Survey Map No. 8199 [LOT 1]
- [X] **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

Maps must be no larger than 11 x 17 inches unless the map is submitted electronically.

- [X] **Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.
  ***Note:*** *Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.*
  **Figure #:** 1 **Title:** Site Location & Topographic Map
- [X] **Detailed Site Map:** A map that shows all relevant features (buildings, roads, individual property boundaries, contaminant sources, utility lines, monitoring wells and potable wells) within the contaminated area. This map is to show the location of all contaminated public streets, and highway and railroad rights-of-way in relation to the source property and in relation to the boundaries of groundwater contamination exceeding a ch. NR 140 Enforcement Standard (ES), and/or in relation to the boundaries of soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Levels (SSRCL) as determined under s. NR 720.09, 720.11 and 720.19.
  **Figure #:** 2 **Title:** Site Vicinity Map
  3 Sampling Location Map
- [ ] **Soil Contamination Contour Map:** For sites closing with residual soil contamination, this map is to show the location of all contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeds a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL)as determined under s. NR 720.09, 720.11 and 720.19.
  **Figure #:** **Title:** Note: Soil impacts are associated with historic fill material that is presumed to be present across the entire site. See attached CSM and Figure 2.

BRRTS #: 02-41-557285 ACTIVITY NAME: Cambridge Building

## MAPS (continued)

☐ **Geologic Cross-Section Map:** A map showing the source location and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL). If groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES) when closure is requested, show the source location and vertical extent, water table and piezometric elevations, and locations and elevations of geologic units, bedrock and confining units, if any.

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

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

☐ **Groundwater Isoconcentration Map:** For sites closing with residual groundwater contamination, this map shows the horizontal extent of all groundwater contamination exceeding a ch. NR140 Preventive Action Limit (PAL) and an Enforcement Standard (ES). Indicate the direction and date of groundwater flow, based on the most recent sampling data.
***Note:*** *This is intended to show the total area of contaminated groundwater.*

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

☐ **Groundwater Flow Direction Map:** A map that represents groundwater movement at the site. If the flow direction varies by more then 20° over the history of the site, submit 2 groundwater flow maps showing the maximum variation in flow direction.

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

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

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

Tables must be no larger than 11 x 17 inches unless the table is submitted electronically. Tables must not contain shading and/or cross-hatching. The use of **BOLD** or *ITALICS* is acceptable.

☒ **Soil Analytical Table:** A table showing remaining soil contamination with analytical results and collection dates.
**Note:** This is one table of results for the contaminants of concern. Contaminants of concern are those that were found during the site investigation, that remain after remediation. It may be necessary to create a new table to meet this requirement.

**Table #:** 1 **Title:** Summary of Soil Sample Analytical Results

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

**Table #:** **Title:**

☐ **Water Level Elevations:** Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table.

**Table #:** **Title:**

## IMPROPERLY ABANDONED MONITORING WELLS

For each monitoring well not properly abandoned according to requirements of s. NR 141.25 include the following documents.
***Note:*** *If the site is being listed on the GIS Registry for only an improperly abandoned monitoring well you will only need to submit the documents in this section for the GIS Registry Packet.*

☒ **Not Applicable**

☐ **Site Location Map:** A map showing all surveyed monitoring wells with specific identification of the monitoring wells which have not been properly abandoned.
***Note:*** *If the applicable monitoring wells are distinctly identified on the Detailed Site Map this Site Location Map is not needed.*

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

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

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

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

BRRTS #: 02-41-557285 ACTIVITY NAME: Cambridge Building

## NOTIFICATIONS

**Source Property**

☒ **Not Applicable**

☐ **Letter To Current Source Property Owner:** If the source property is owned by someone other than the person who is applying for case closure, include a copy of the letter notifying the current owner of the source property that case closure has been requested.

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

**Off-Source Property**

Group the following information per individual property and label each group according to alphabetic listing on the "Impacted Off-Source Property" attachment.

☒ **Not Applicable**

☐ **Letter To "Off-Source" Property Owners:** Copies of all letters sent by the Responsible Party (RP) to owners of properties with groundwater exceeding an Enforcement Standard (ES), and to owners of properties that will be affected by a land use control under s. 292.12, Wis. Stats.
***Note:*** *Letters sent to off-source properties regarding residual contamination must contain standard provisions in Appendix A of ch. NR 726.*

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

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

☐ **Deed of "Off-Source" Property:** The most recent deed(s) as well as legal descriptions, for all affected deeded **off-source property(ies).** This does not apply to right-of-ways.
***Note:*** *If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.*

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

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

**State of Wisconsin**
DEPARTMENT OF NATURAL RESOURCES
Southeast Region Headquarters
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee WI 53212-3128

Scott Walker, Governor
Cathy Stepp, Secretary
John Hammen, Acting Regional Director
Telephone 414-263-8500
FAX 414-263-8606
TTY Access via relay - 711

August 11, 2011

Wisconsin Electric Power Company
WE Energies
Attn: Sean Beinecke
333 West Everett Street
Milwaukee WI 53203

Subject: Final Case Closure with Continuing Obligations for the Cambridge Building at 2326 North Cambridge Avenue Milwaukee, WI

FID: 241279720
BRRTS: 02-41-557285

Dear Mr. Beinecke:

On August 5, 2011, the Wisconsin Department of Natural Resources ("the Department") reviewed the above referenced case for closure. The Department reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. The Department reviewed the case closure request regarding the contamination in fill material beneath the onsite building consisting of polycyclic aromatic hydrocarbons (PAHs) and arsenic. Based on the correspondence and data provided, it appears that your case meets the closure requirements in ch. NR 726, Wisconsin Administrative Code. The Department considers this case closed and no further investigation or remediation is required at this time. However, you and future property owners must comply with certain continuing obligations as explained in this letter.

**GIS Registry**

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

- Contaminated fill material exists that must be properly managed should it be excavated or removed
- Pavement, an engineered cover or a soil barrier must be maintained over contaminated soil and the state must approve any changes to this barrier

All site information, including the Cap Maintenance Plan, is also on file at the Southeast Regional WDNR office at 2300 Dr. M. L. King Drive Milwaukee, WI. This letter and information that was submitted with your closure request application, including the maintenance plan, will be included on the GIS Registry, in a PDF attachment. To review the sites on the GIS Registry web page, visit the RR Sites Map page at http://dnr.wi.gov/org/aw/rr/gis/index.htm. If the property is listed on the GIS Registry because of remaining contamination and you intend to construct or reconstruct a well, you will need prior Department approval in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, Form 3300-254 needs to be completed and submitted to the DNR Drinking and Groundwater

program's regional water supply specialist. This form can be obtained on-line at http://dnr.wi.gov/org/water/dwg/3300254.pdf or at the web address listed above for the GIS Registry.

**Closure Conditions**

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

**Contaminated Fill Material**

Fill material contamination remains at B-2, B-6, B-6, B-15, and B-19, as indicated on the **attached map (Figure 3, Sampling Location Plan)** and in the information submitted to the Department of Natural Resources. If soil in the specific locations described above is excavated in the future, then pursuant to ch. NR 718 or, if applicable, ch. 289, Stats., and chs. 500 to 536, the property owner at the time of excavation must sample and analyze the excavated soil to determine if residual contamination remains. If sampling confirms that contamination is present the property owner at the time of excavation will need to determine whether the material is considered solid or hazardous waste and ensure that any storage, treatment or disposal is in compliance with applicable standards and rules. In addition, all current and future owners and occupants of the property need to be aware that excavation of the contaminated soil may pose an inhalation or other direct contact hazard and as a result special precautions may need to be taken to prevent a direct contact health threat to humans.

**Industrial Residual Soil Standards**

Soil samples that are representative of currently remaining contaminated fill material beneath the onsite building were collected on April 13, 2010, contained Arsenic, in concentrations that exceed NR 720.11 Table 2, Wis. Adm. Code, industrial soil standards: Benzo(a)pyrene, and Dibenzo(a,h)anthracene that exceed the suggested generic residual contaminant levels for PAH compounds in soil for the direct contact pathway for industrial sites. Therefore, pursuant to s. 292.12(2)(c), Wis. Stats., the property described above may not be used or developed for a residential, commercial, agricultural or other non-industrial use, unless (at the time that the non-industrial use is proposed) an investigation is conducted, to determine the degree and extent of Arsenic, Benzo(a)pyrene, and Dibenzo(a,h)anthracene contamination that remains on the property, and remedial action is taken as necessary to meet all applicable non-industrial soil cleanup standards. 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.

**Cover or Barrier**

Pursuant to s. 292.12(2)(a), Wis. Stats., the paved surface and building area that currently exists in the specific location shown on the **attached map** in the attached maintenance plan **(Certified Survey Map No- 8199)** shall be maintained in compliance with the **attached maintenance plan** in order to prevent direct contact with residual fill material contamination that might otherwise pose a threat to human health.

The **attached maintenance plan and inspection log** are to be kept up-to-date and on-site. Please submit the inspection log to the Department only upon request.

Prohibited Activities

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

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

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

The Department appreciates the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact me at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment Program Assistant Vicky Stovall (414-263-8688) at the above address.

Sincerely,

James A Schmidt

James A. Schmidt
Remediation and Redevelopment Team Supervisor
Southeast Region

Enclosures: Figure 3, Sampling Location Plan, MACTEC
Cover Maintenance Plan Cambridge Building

C: Gregory Johnson, Geosyntec Consultants
WDNR SER Files

# COVER MAINTENANCE PLAN

CAMBRIDGE BUILDING
2326 North Cambridge Avenue
Milwaukee, Wisconsin
WDNR BRRTS #02-41-557285
WDNR FID #241279720

## INTRODUCTION

This *Cover Maintenance Plan* (CMP) was prepared for an existing cover at the Cambridge Building site located at the 2326 North Cambridge Avenue, Milwaukee, Wisconsin. The CMP was prepared in accordance with the requirements of NR 724.13(2), Wisconsin Administrative Code. The existing cover prevents direct contact with and erosion and runoff of residual fill material/soil impacts at the site.

Implementation of this CMP will be the responsibility of Wisconsin Electric Power Company (d.b.a. We Energies) and its successors (Managing Party).

## BACKGROUND INFORMATION

Soil sampling activities are documented in a publically available Wisconsin Department of Natural Resources (WDNR) file referenced by WDNR Facility Identification (FID) Number 241279720 and Bureau for Remediation and Redevelopment Tracking System (BRRTS) Number 02-41-557285. The WDNR file includes the following documents:

- 31 May 2008 - *Notification For Hazardous Substance Discharge* (Form 4400-225) from We Energies to WDNR
- 8 July 2011 - "Responsible Party" (RP) letter from WDNR to We Energies
- 1 August 2011 - *Case Closure Request Documentation* from We Energies to WDNR

The WDNR contact for the site is as follows:

Mr. John Hnat
Wisconsin Department of Natural Resources
Remediation and Redevelopment Program
2300 North Martin Luther King, Jr. Drive
Milwaukee, WI 53212
Phone: 414.263.8644
Email: john.hnat@wisconsin.gov

## DESCRIPTION OF RESIDUAL CONTAMINATION

Residual contamination at the site generally consists of unsaturated fill material/soil impacted by polynuclear aromatic hydrocarbons (PAHs) and metals greater than WDNR interim guidance direct contact (industrial) residual contaminant levels (RCLs) and to a lesser degree PAHs greater than WDNR interim guidance groundwater protection RCLs.

Based on 13 April 2010 soil sample data documented in the above referenced *Case Closure Request Documentation*, it estimated the entire site is underlain by historic fill material.

The existing site building and pavement cover prevents direct contact with and the erosion and runoff of residual unsaturated soil impacts.

## DESCRIPTION OF EXISTING COVER

The site is a 15,578 square foot parcel identified as Lot 1 on the attached Certified Survey Map (CSM). The site includes a portion of the vacated East Thomas Avenue. The site is covered by a building and pavement within the vacated East Thomas Avenue portion. The extent of the cover is depicted on the attached CSM.

Based on soil boring information, the concrete floor slab thickness varies between 3 and 8 inches with a varying thickness of underlying base course gravel. The pavement thickness within the vacated East Thomas Avenue portion of the site is unknown; however, secondary streets in Milwaukee typically consist of approximately 12 inches of concrete and base course.

## ANNUAL INSPECTION

The cover will be inspected once per year, normally in the spring after snow and ice melt to evaluate damage due to settling, exposure to the weather, wear from traffic, increasing age and other factors. The inspections will assess erosion, cracks and deterioration that may cause exposure to underlying soils. The inspections will be performed by the Managing Party. Any area where underlying impacted soils have become or are likely to become exposed will be documented. A log of the inspections and any repairs will be maintained by the Managing Party and documented on the attached Cover Inspection Log. The Cover Inspection Log will include recommendations for necessary repair of any areas where underlying impacted soils are exposed. Once repairs are completed, they will be documented in the Cover Inspection Log. A copy of the Cover Inspection Log will be kept at the address of the Managing Party and available for review by the WDNR upon request.

## MAINTENANCE ACTIVITIES

If cover deterioration is observed during the annual inspection or at any other time during the year, repairs will be scheduled as soon as practical. Cover repairs may include isolated patching,

filling or resurfacing or reconstruction of a portion of the cover. In the event that necessary maintenance activities expose the underlying impacted soil, the Managing Party must inform maintenance workers of the direct contact exposure hazard and provide them with appropriate personnel protection equipment (PPE). The Managing Party must also sample any soil that is excavated from the site prior to disposal to identify management options. The soil must be treated, stored and disposed by the Managing Party in accordance with applicable local, state and federal law.

In the event the cover overlying the impacted soil is removed or replaced, the replacement barrier must be equally protective. Any replacement barrier will be subject to the same maintenance and inspection guidelines as outlined herein unless indicated otherwise by the WDNR or its successor.

A copy of this *Cover Maintenance Plan* will be maintained at the address of the Managing Party.

## LIMITATION OF ACTIVITIES AND NOTIFICATIONS PRIOR TO MODIFYING THE COVER

The following activities are prohibited on any portion of the cover unless prior written approval has been obtained from the WDNR:

- Removal of the existing cover
- Replacement with another cover
- Excavating or grading
- Filling
- Plowing for agricultural cultivation
- Construction or placement of a building or other structure

## AMEDNDMENT OR WITHDRAWAL OF COVER MAINTENANCE PLAN

This *Cover Maintenance Plan* can be amended or withdrawn by the Managing Party and its successors with the written approval of the WDNR.

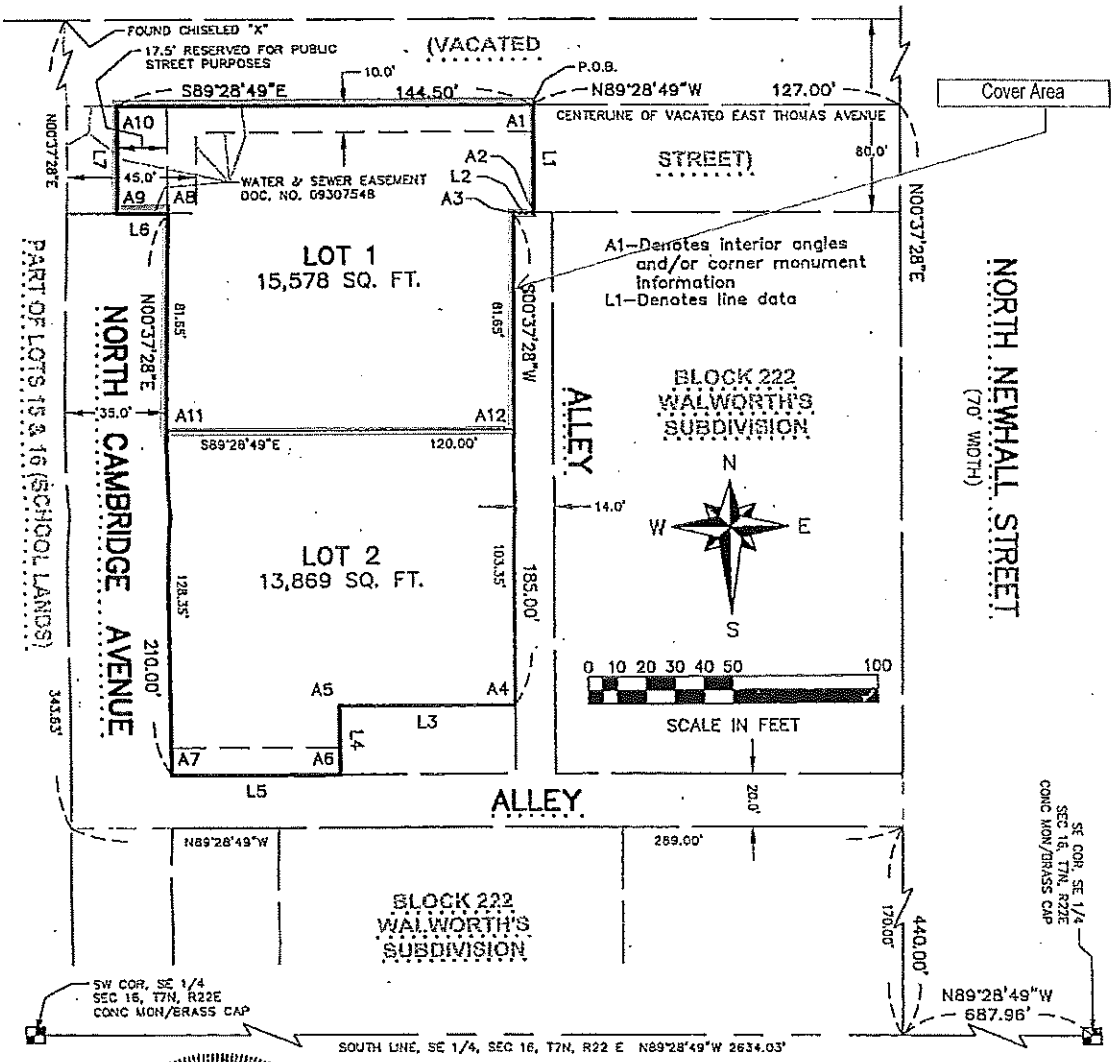
## CONTACT INFORMATION

| | | |
|---|---|---|
| WDNR | Mr. John Hnat<br>Wisconsin Department of Natural Resources<br>Remediation and Redevelopment Program<br>2300 North Martin Luther King, Jr. Drive<br>Milwaukee, WI 53212 | Phone: 414.263.8644<br>Email: john.hnat@wisconsin.gov |
| We Energies | Sean Beinecke, CHMM<br>Senior Environmental Specialist<br>333 West Everett Street, Room A231<br>Milwaukee, WI 53203 | Phone: 414.221.2110<br>Email: sean.beinecke@we-energies.com |

DCD No. 2762

# CERTIFIED SURVEY MAP NO - 8199

Being Lots 16–22 inclusive, excepting the South 25 feet of the East 61.33 feet of Lot 16, all in Block 222, Walworth's Subdivision, together with the South 1/2 of vacated East Thomas Avenue and the portion of vacated North Cambridge Avenue lying West and South of the center line of vacated East Thomas Avenue, located in part of the Southeast 1/4 of the Southeast 1/4 of Section 16, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin.




WISCONSIN
BRUCE K. CROSS
2665
WAUKESHA, WI
LAND SURVEYOR

Bruce K. Cross, R.L.S. 2665

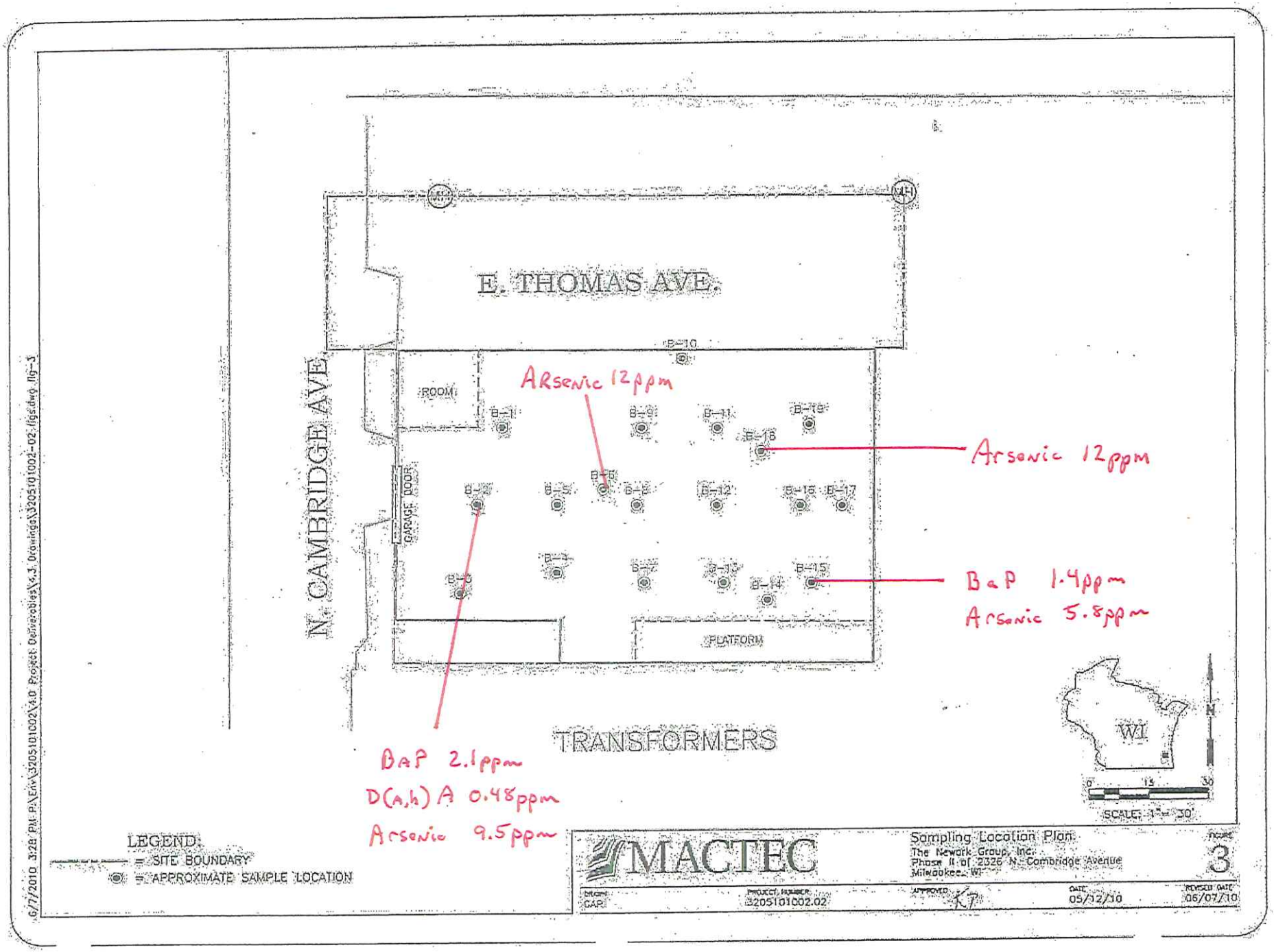
Created this 24th day of July, 2009
Revised this 12th day of August, 2009

**OWNER/SUBDIVIDER:**
Wisconsin Electric Power Co.
d.b.a. We Energies
231 W. Michigan St.
Milwaukee, WI 53203

**PREPARED BY:**
Ruekert• Mielke
W233 N2080 Ridgeview Pkwy.
Waukesha, WI 53188

FILE # 1777

THIS INSTRUMENT WAS DRAFTED BY BRUCE K. CROSS, R.L.S.
CHECKED BY: MEK (07–17–09)


E. THOMAS AVE.
N. CAMBRIDGE AVE
ROOM
GARAGE DOOR
PLATFORM
TRANSFORMERS
B-1
B-2
B-3
B-4
B-5
B-6
B-7
B-8
B-9
B-10
B-11
B-12
B-13
B-14
B-15
B-16
B-17
B-18
B-19
ARsenic 12ppm
Arsenic 12ppm
BaP 1.4ppm
Arsenic 5.8ppm
BaP 2.1ppm
D(A,h)A 0.48ppm
Arsenic 9.5ppm
WI
N
0
15
30
SCALE: 1" = 30'
LEGEND:
= SITE BOUNDARY
= APPROXIMATE SAMPLE LOCATION
MACTEC
Sampling Location Plan
The Newark Group, Inc.
Phase II of 2326 N. Cambridge Avenue
Milwaukee, WI
FIGURE 3
DRAWN: GAP
PROJECT NUMBER: 3205101002.02
APPROVED:
DATE: 05/12/10
REVISED DATE: 06/07/10
6/7/2010 3:28 PM P:\Env\3205101002\V4.0 Project Deliverables\V4.3 Drawings\3205101002-02.figs.dwg fig-3

**COVER INSPECTION LOG**

CAMBRIDGE BUILDING
2326 North Cambridge Avenue
Milwaukee, Wisconsin

| Inspection Date | Inspector | Condition of Cover | Recommendations | Has recommended maintenance from previous inspection been implemented? |
|---|---|---|---|---|
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No. 855 WARRANTY DEED—Corporation to Corporation

Wisconsin Legal Blank Company
Milwaukee, Wisconsin 18708

**This indenture,** Made this 23rd day of November, A. D., 19 53,

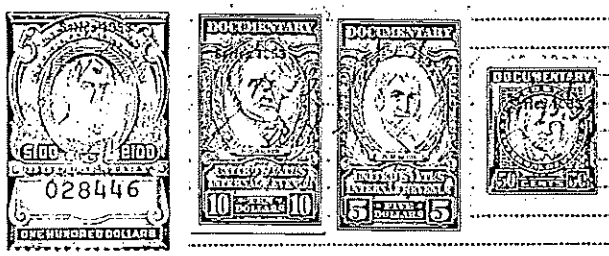
between WISCONSIN ICE & COAL CO., a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, Wisconsin, party of the first part, and WISCONSIN ELECTRIC POWER COMPANY, a Corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, located at Milwaukee, 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 ($1.00) and other good and valuable consideration

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 Milwaukee and State of Wisconsin, to-wit: Lots numbered Seventeen (17), Eighteen (18), Nineteen (19), Twenty (20), Twenty-one (21) and Twenty-two (22), Block Two Hundred Twenty-two (222), Walworth's Subdivision of the East Nine hundred and Seventy-seven (977) feet of lots numbered Fifteen (15) and Sixteen (16), in the Southeast one-quarter (SE¼) of Section numbered Sixteen (16), Township numbered Seven (7) North, Range numbered Twenty-two (22) East, City of Milwaukee.

Also Lot Sixteen (16) except the south twenty-five (25) feet of the east sixty-one (61) feet, four (4) inches thereof, in Block Two Hundred Twenty-two (222), Walworth's Subdivision of the East Nine hundred and Seventy-seven (977) feet of lots numbered Fifteen (15) and Sixteen (16), in said Southeast one-quarter (SE¼) of Section Sixteen (16); reserving unto the party of the first part, its successors and assigns, for the benefit of Lots Eleven (11), Twelve (12), Thirteen (13) and Fourteen (14) in said Block Two Hundred Twenty-two (222) now owned by the party of the first part, a permanent right of ingress and egress over the south ten (10) feet of the west fifty-eight (58) feet, eight (8) inches of said Lot Sixteen (16).

As part of the consideration for this conveyance the party of the second part, Wisconsin Electric Power Company covenants and agrees for itself, its successors or assigns that it will not initiate a petition nor join with others in a petition to the Common Council of the City of Milwaukee for the vacating of alleys in said Block Two Hundred Twenty-two (222), Walworth's Subdivision, except upon the consent of the party of the first part, its successors or assigns, this covenant being intended for the benefit of Lots Eleven (11), Twelve (12), Thirteen (13) and Fourteen (14), in the Block and Subdivision aforesaid.




35045

...gether with all and singular the hereditaments and appurtenances thereunto belonging or in any wise ...ing; and all the estate, right, title, interest, claim or demand whatsoever, of the said party of the first ...er in law or 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** WISCONSIN ICE & COAL CO. 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, subject to municipal and zoning ordinances and recorded easements, if any,

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 WISCONSIN ICE & COAL CO., party of the first part, has caused these presents to be signed by J. H. Kopmeier, its First Vice President, and countersigned by W. S. J. Kopmeier, its Secretary, at Milwaukee, Wisconsin, and its corporate seal to be hereunto affixed, this 23rd day of November, A. D., 19 53.

SIGNED AND SEALED IN PRESENCE OF

W. J. O'Connor
W. J. O'Connor

M. Haas
M. Haas

WISCONSIN ICE & COAL CO.
Corporate Name

J. H. Kopmeier
J. H. Kopmeier First Vice President

COUNTERSIGNED:

W. S. J. Kopmeier
W. S. J. Kopmeier Secretary

**State of Wisconsin,** } ss.
Milwaukee County.

Personally came before me, this 23rd day of November A. D., 19 53, J. H. Kopmeier, First Vice, President, and W. S. J. Kopmeier Secretary of the above named Corporation, to me known to be the persons who executed the foregoing instrument, and to me known to be such First Vice President and Secretary of said Corporation, and acknowledged that they executed the foregoing instrument as such officers as the deed of said Corporation, by its authority.

W. E. Jens
W. E. Jens

Notary Public, Milwaukee County, Wis.

My commission expires My Commission Expires April A. D., 19

NOTARY PUBLIC MILWAUKEE CO. WIS.

---

No. 3255038

WISCONSIN ICE & COAL CO.
TO
WISCONSIN ELECTRIC POWER COMPANY

**Warranty Deed**

REGISTER'S OFFICE
State of Wisconsin,
MILWAUKEE County.

Received for Record this NOV 27 1953 day of A. D., 19, at 2:30 o'clock P. M., and recorded in Vol. 3230 of Deeds on page 296

Register of Deeds

Deputy

Return to E. D. MISHELOW
Room 308, 231 W. Michigan St.
MILWAUKEE 1, WIS.
Box 129

I.D.O. E-6684
2260-3

Wisconsin Legal Blank Company
Milwaukee, Wisconsin

NOV-27-53 7 2 5 3 0 5 3255038 B Rec 2.40

10307A

RECORDED CERTIFIED SURVEY MAP

Date Recorded: November 18th, 2009
CSM No.: 8199
Document No. 09815524

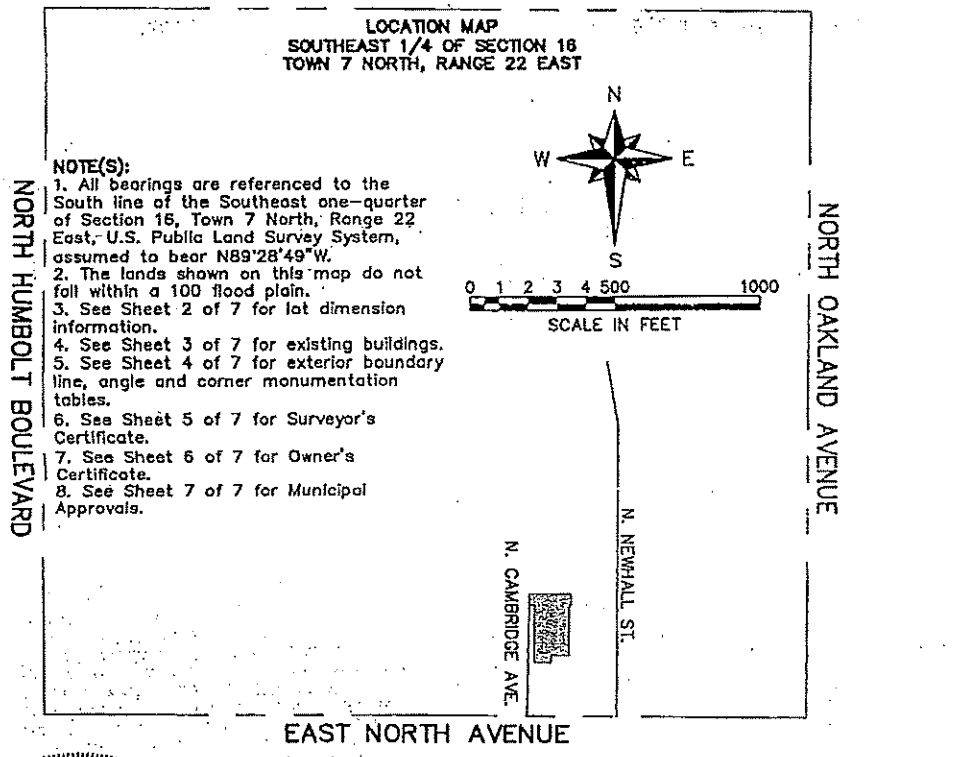
DCD No. 2762

# CERTIFIED SURVEY MAP NO - 8199

Being Lots 16–22 inclusive, excepting the South 25 feet of the East 61.33 feet of Lot 16, all in Block 222, Walworth's Subdivision, together with the South 1/2 of vacated East Thomas Avenue and the portion of vacated North Cambridge Avenue lying West and South of the center line of vacated East Thomas Avenue, located in part of the Southeast 1/4 of the Southeast 1/4 of Section 16, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin.

THE CURRENT TAX KEY NO. FOR THIS MAP IS 3201541100 ZONING: IL2

LOCATION MAP
SOUTHEAST 1/4 OF SECTION 16
TOWN 7 NORTH, RANGE 22 EAST




NOTE(S):
1. All bearings are referenced to the South line of the Southeast one–quarter of Section 16, Town 7 North, Range 22 East, U.S. Public Land Survey System, assumed to bear N89°28'49"W.
2. The lands shown on this map do not fall within a 100 flood plain.
3. See Sheet 2 of 7 for lot dimension information.
4. See Sheet 3 of 7 for existing buildings.
5. See Sheet 4 of 7 for exterior boundary line, angle and corner monumentation tables.
6. See Sheet 5 of 7 for Surveyor's Certificate.
7. See Sheet 6 of 7 for Owner's Certificate.
8. See Sheet 7 of 7 for Municipal Approvals.

WISCONSIN
BRUCE K. CROSS
2665
WAUKESHA, WI
LAND SURVEYOR

Bruce K. Cross, R.L.S. 2665
Dated this 24th day of July, 2009
Revised this 12th day of August, 2009

OWNER/SUBDIVIDER:
Wisconsin Electric Power Co.
d.b.a. We Energies
231 W. Michigan St.
Milwaukee, WI 53203

PREPARED BY:
Ruekert• Mielke
W233 N2080 Ridgeview Pkwy.
Waukesha, WI 53188

FILE # 1777 THIS INSTRUMENT WAS DRAFTED BY BRUCE K. CROSS, R.L.S. SHEET 1 OF 7
G:\CSD\8033101\dwg\CCSM_1777.dwg CHECKED BY: MEK (07–17–09)

INFRASTRUCTURE SERVICES DIVISION
Marcia Knickelbine 8/25/09
CENTRAL DRAFTING & RECORDS MANAGER
Timothy J. Thun 8/25/09
ENGR. IN CHARGE ENVIRON. ENGR.
CORRECT
Gilbert Polanski 8/26/09
CITY ENGINEER
APPROVED

DEPARTMENT OF CITY DEVELOPMENT
CITY OF MILWAUKEE
AUG 04 2009
STAFF APPROVED

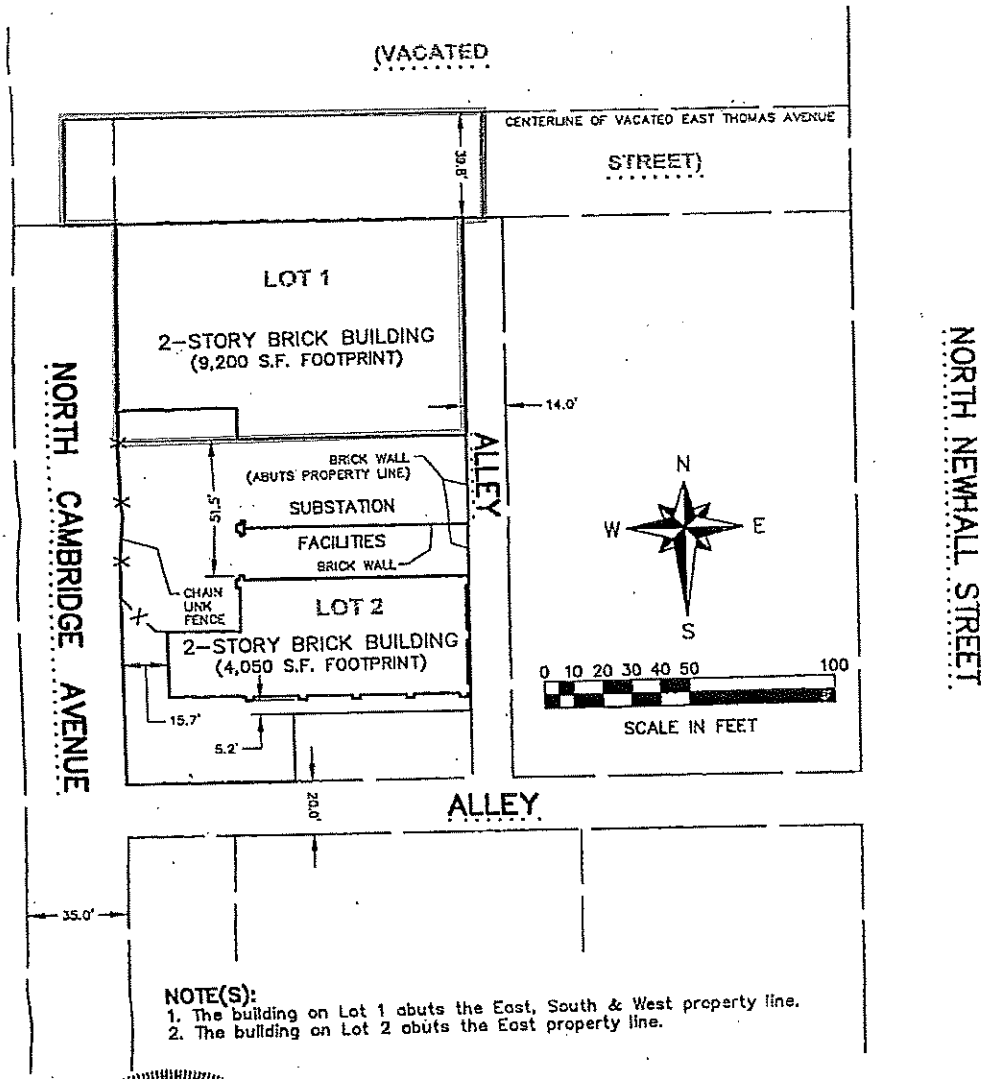
RECORDED CERTIFIED SURVEY MAP
Date Recorded: November 18th, 2009
CSM No.: 8199
Document No. 09815524

City of Milwaukee – Dept. of City Development
809 N. Broadway, Milwaukee, WI 53202

DCD No. 2762

# CERTIFIED SURVEY MAP NO - 8199

Being Lots 16–22 inclusive, excepting the South 25 feet of the East 61.33 feet of Lot 16, all in Block 222, Walworth's Subdivision, together with the South 1/2 of vacated East Thomas Avenue and the portion of vacated North Cambridge Avenue lying West and South of the center line of vacated East Thomas Avenue, located in part of the Southeast 1/4 of the Southeast 1/4 of Section 16, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin.




**NOTE(S):**
1. The building on Lot 1 abuts the East, South & West property line.
2. The building on Lot 2 abuts the East property line.

WISCONSIN
BRUCE K. CROSS
2665
WAUKESHA, WI
LAND SURVEYOR

Bruce K. Cross, R.L.S. 2665

Dated this 24th day of July, 2009
Revised this 12th day of August, 2009

**OWNER/SUBDIVIDER:**
Wisconsin Electric Power Co.
d.b.a. We Energies
231 W. Michigan St.
Milwaukee, WI 53203

**PREPARED BY:**
Ruekert• Mielke
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Waukesha, WI 53188

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CHECKED BY: MEK (07–17–09)

DCD No. 2762

# CERTIFIED SURVEY MAP NO - 8199

Being Lots 16–22 inclusive, excepting the South 25 feet of the East 61.33 feet of Lot 16, all in Block 222, Walworth's Subdivision, together with the South 1/2 of vacated East Thomas Avenue and the portion of vacated North Cambridge Avenue lying West and South of the center line of vacated East Thomas Avenue, located in part of the Southeast 1/4 of the Southeast 1/4 of Section 16, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin.

| ANGLE TABLE | |
|---|---|
| ANGLE NO. | ANGLE |
| A1 | 89°53'43" |
| A2 | 90°06'17" |
| A3 | 269°53'43" |
| A4 | 90°06'17" |
| A5 | 269°53'43" |
| A6 | 90°06'17" |
| A7 | 89°53'43" |
| A8 | 270°06'17" |
| A9 | 89°53'43" |
| A10 | 90°06'17" |

| LINE TABLE | | |
|---|---|---|
| LINE | BEARING | DISTANCE |
| L1 | S00°37'28"W | 40.00 |
| L2 | N89°28'49"W | 7.00 |
| L3 | N89°28'49"W | 61.33 |
| L4 | S00°37'28"W | 25.00 |
| L5 | N89°28'49"W | 58.67 |
| L6 | N89°28'49"W | 17.50 |
| L7 | N00°37'28"E | 40.00 |

| CORNER MONUMENT TABLE | |
|---|---|
| CORNER NO. | MONUMENT DESCRIPTION |
| A1 | CHISELED X IN MANHOLE FRAME |
| A2 | 0.11' X 2.00' IRON PIPE @ 1.13 POUNDS PER LINIER FOOT |
| A3 | VERTICAL NOTCH IN WALL 0.15' SOUTH OF NORTHEAST BUILDING CORNER |
| A4 | MAG NAIL IN CRACKED CONCRETE |
| A5 | CHISELED X IN CONCRETE |
| A6 | MAG NAIL IN CRACKED CONCRETE |
| A7 | CHISELED X IN CONCRETE |
| A8 | NORTHWEST BUILDING CORNER |
| A9 | CHISELED X IN CONCRETE |
| A10 | CHISELED X IN CONCRETE |
| A11 | MAG NAIL IN CRACKED CONCRETE |
| A12 | VERTICAL NOTCH IN WALL |

**MONUMENTATION WAVIER WAS OBTAINED FROM THE DEPARTMENT OF ADMINISTRATION ON JULY 21, 2009**

WISCONSIN
BRUCE K. CROSS
2665
WAUKESHA, WI
LAND SURVEYOR

Bruce K. Cross, R.L.S. 2665

Dated this 24th day of July, 2009
Revised this 12th day of August, 2009

OWNER/SUBDIVIDER:
Wisconsin Electric Power Co.
d.b.a. We Energies
231 W. Michigan St.
Milwaukee, WI 53203

PREPARED BY:
Ruekert• Mielke
W233 N2080 Ridgeview Pkwy.
Waukesha, WI 53188

FILE # 1777
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THIS INSTRUMENT WAS DRAFTED BY BRUCE K. CROSS, R.L.S.
CHECKED BY: MEK (07–17–09)

DCD No. 2762

# CERTIFIED SURVEY MAP NO - 8199

Being Lots 16–22 inclusive, excepting the South 25 feet of the East 61.33 feet of Lot 16, all in Block 222, Walworth's Subdivision, together with the South 1/2 of vacated East Thomas Avenue and the portion of vacated North Cambridge Avenue lying West and South of the center line of vacated East Thomas Avenue, located in part of the Southeast 1/4 of the Southeast 1/4 of Section 16, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin.

## SURVEYOR'S CERTIFICATE

STATE OF WISCONSIN }
COUNTY OF WAUKESHA } SS

I, Bruce K. Cross, Registered Land Surveyor, do hereby certify that at the direction of the Owner(s), that I have surveyed, divided and mapped all of Lots 16–22 inclusive, excepting the South 25 feet of the East 61.33 feet of Lot 16, all in Block 222, Walworth's Subdivision, together with the South 1/2 of vacated East Thomas Avenue and the portion of vacated North Cambridge Avenue lying West and South of the center line of vacated East Thomas Avenue, located in part of the Southeast 1/4 of the Southeast 1/4 of Section 16, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin, bounded and described as follows:

Commencing at the Southeast corner of said Southeast 1/4 of Section 16; thence bearing N89°28'49"W along the South line of said Southeast 1/4 a distance of 687.96 feet; thence bearing N00°37'28"E a distance of 440.00 feet to the centerline of the vacated East Thomas Avenue right–of–way (Certified Resolution for Vacation recorded in the Milwaukee County Register's Office on April 30, 2002 as Document No. 8272518); thence bearing N89°28'49"W along said centerline a distance of 127.00 feet to the point of beginning; thence bearing S00°37'28"W along the Northerly extension of the centerline of an alley in said Block 222 a distance of 40.00 feet to a point on the South line of said vacated East Thomas Avenue right–of–way; thence bearing N89°28'49"W along said South line a distance of 7.00 feet; thence bearing S00°37'28"W along the West line of the aforesaid alley a distance of 185.00 feet; thence bearing N89°28'49"W along the North line of the South 25 feet of the East 61.33 feet of said Lot 16 a distance of 61.33 feet; bearing S00°37'28"W along the West line of said South 25 feet of the East 61.33 feet of Lot 16 a distance of 25.00 feet to a point on the North line of an alley in said Block 222; thence bearing N89°28'49"W along said North line a distance of 58.67 feet to a point on the East line of the North Cambridge Avenue right–of–way; thence bearing N00°37'28"E along said East line a distance of 210.00 feet to a point on the aforesaid South line of the vacated East Thomas Avenue right–of–way; thence bearing N89°28'49"W along said South line a distance of 17.50 feet to a point on the centerline of the vacated North Cambridge Avenue right–of–way (Certified Resolution for Vacation recorded in the Milwaukee County Register's Office on April 30, 2002 as Document No. 8272518); thence bearing N00°37'28"E along said centerline a distance of 40.00 feet to a point on the Westerly extension of the centerline of the aforesaid vacated East Thomas Avenue right–of–way; thence bearing S89°28'49"E along said centerline a distance of 144.50 feet to the point of beginning. Containing 0.68 acres (29,447 Sq. Ft.) more or less of land.

That I have made this survey, land division and map by the direction of WISCONSIN ELECTRIC POWER COMPANY, d.b.a. We Energies, Owner(s) of said land.

That such map is a correct representation of all the exterior boundaries of the land surveyed and the division thereof made.

That I have fully complied with the provisions of Chapter 236 of the Wisconsin Statutes and and Chapter 119 of the Milwaukee Code of Ordinances in surveying, dividing and mapping the same.

WISCONSIN
BRUCE K. CROSS
2665
WAUKESHA, WI
LAND SURVEYOR

Bruce K. Cross, R.L.S. 2665

Dated this 24th day of July, 2009
Revised this 12th day of August, 2009

OWNER/SUBDIVIDER:
Wisconsin Electric Power Co.
d.b.a. We Energies
231 W. Michigan St.
Milwaukee, WI 53203

PREPARED BY:
Ruekert• Mielke
W233 N2080 Ridgeview Pkwy.
Waukesha, WI 53188

FILE # 1777
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CHECKED BY: MEK (07–17–09)

DCD No. 2762

# CERTIFIED SURVEY MAP NO - 8199

Being Lots 16–22 inclusive, excepting the South 25 feet of the East 61.33 feet of Lot 16, all in Block 222, Walworth's Subdivision, together with the South 1/2 of vacated East Thomas Avenue and the portion of vacated North Cambridge Avenue lying West and South of the center line of vacated East Thomas Avenue, located in part of the Southeast 1/4 of the Southeast 1/4 of Section 16, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin.

## CORPORATE OWNER'S CERTIFICATE

WISCONSIN ELECTRIC POWER COMPANY, a corporation duly organized and existing under and by virtue of the laws of the State of Wisconsin, d.b.a. We Energies, as owner, certifies that said corporation caused the land described on this map to be surveyed, divided, mapped and dedicated as represented on this map in accordance with the requirements of Chapter 119 of the Milwaukee Code of Ordinances.

WISCONSIN ELECTRIC POWER COMPANY does further certify that this map is to be submitted to the following for approval or objection: City of Milwaukee.

In consideration of the approval of the map by the Common Council and in accordance with Chapter 119 of the Milwaukee Code, the undersigned agrees:

a. That all utility lines to provide electric power and telephone services and cable television or communications systems lines or cables to all lots in the Certified Survey Map shall be installed underground in applicable easements provided therefor, where feasible.

In Witness Whereof, said WISCONSIN ELECTRIC POWER COMPANY has caused these presents to be executed on its behalf by its duly authorized Manager of Property Management this

17TH day of AUGUST, 2009.

WISCONSIN ELECTRIC POWER COMPANY

By James T. Raabe

James T. Raabe, Manager of Property Management

STATE OF WISCONSIN }
MILWAUKEE COUNTY } :SS

Personally came before me this 17TH day of AUGUST, 2009, James T. Raabe, Manager of Property Management, of the above named corporation, WISCONSIN ELECTRIC POWER COMPANY, known to me to be the person who executed the foregoing instrument and to me known to be such Manager of Property Management of said corporation, and acknowledged that he executed the foregoing instrument as such Manager of Property Management, as the deed of said corporation, by its authority.

Douglas J. Fabio

Notary Public, State of Wisconsin

My commission expires December 2, 2012.

WISCONSIN
BRUCE K. CROSS
2665
WAUKESHA, WI
LAND SURVEYOR

Bruce K. Cross, R.L.S. 2665

Dated this 24th day of July, 2009
Revised this 12th day of August, 2009

**OWNER/SUBDIVIDER:**
Wisconsin Electric Power Co.
d.b.a. We Energies
231 W. Michigan St.
Milwaukee, WI 53203

**PREPARED BY:**
Ruekert• Mielke
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Waukesha, WI 53188

FILE # 1777

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CHECKED BY: MEK (07–17–09)

SHEET 6 OF 7

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DCD No. 2762

# CERTIFIED SURVEY MAP NO - 8199

Being Lots 16–22 inclusive, excepting the South 25 feet of the East 61.33 feet of Lot 16, all in Block 222, Walworth's Subdivision, together with the South 1/2 of vacated East Thomas Avenue and the portion of vacated North Cambridge Avenue lying West and South of the center line of vacated East Thomas Avenue, located in part of the Southeast 1/4 of the Southeast 1/4 of Section 16, Town 7 North, Range 22 East, City of Milwaukee, Milwaukee County, Wisconsin.

## CERTIFICATE OF CITY TREASURER

STATE OF WISCONSIN } SS
COUNTY OF MILWAUKEE }

I, WAYNE F. WHITTOW, being the duly elected, qualified and acting City Treasurer of the City of Milwaukee, certify that in accordance with the records in the office of the City Treasurer of the City of Milwaukee there are no unpaid taxes or unpaid special assessments on the land included in this certified survey map.

8-28-09
DATE

Wayne F. Whittow
WAYNE F. WHITTOW, CITY TREASURER

## COMMON COUNCIL CERTIFICATE OF APPROVAL

I certify that this certified survey map was approved under Resolution File No. 090893, adopted by the Common Council of the City of Milwaukee on November 3, 2009.

Ronald D. Leonhardt
RONALD D. LEONHARDT, CITY CLERK

Tom Barrett
TOM BARRETT, MAYOR

WISCONSIN
BRUCE K. CROSS
2665
WAUKESHA, WI
LAND SURVEYOR

Bruce K. Cross, R.L.S. 2665
Dated this 24th day of July, 2009
Revised this 12th day of August, 2009

OWNER/SUBDIVIDER:
Wisconsin Electric Power Co.
d.b.a. We Energies
231 W. Michigan St.
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FILE # 1777
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CHECKED BY: MEK (07–17–09)

# GIS REGISTRY INFORMATION
# LEGAL DESCRIPTION STATEMENT

CAMBRIDGE BUILDING
2326 North Cambridge Avenue
Milwaukee, Wisconsin
WDNR BRRTS #02-41-557285
WDNR FID #241279720

A legal description for the Cambridge Building property is included in the attached Certified Survey Map (Lot 1) and Warranty Deed. The extent of the property (Lot 1) is depicted on the attached Certified Survey Map. The property area, centered on WTM coordinates of 691703, 289761, is depicted on the attached WDNR Remediation and Redevelopment Sites Map.

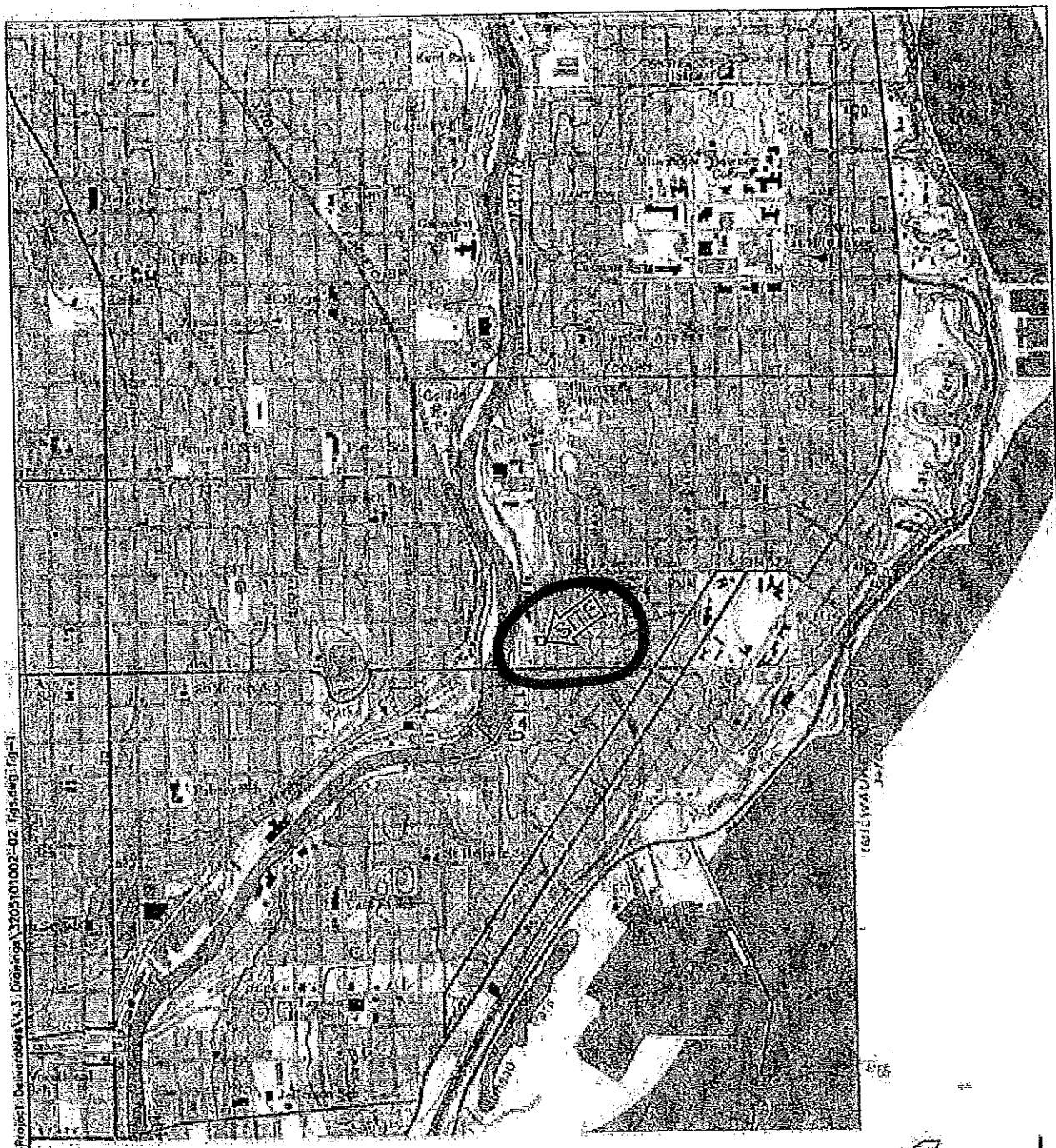
Residual polynuclear aromatic hydrocarbon (PAH) and metals concentrations in soil, associated with historic fill material, exceed applicable residual contaminant levels (RCLs) within the entire Cambridge Building property area.

Sean Beinecke
Signature

Sean Beinecke
Name

Senior Environmental Specialist
Title

8/1/2011
Date




MACTEC

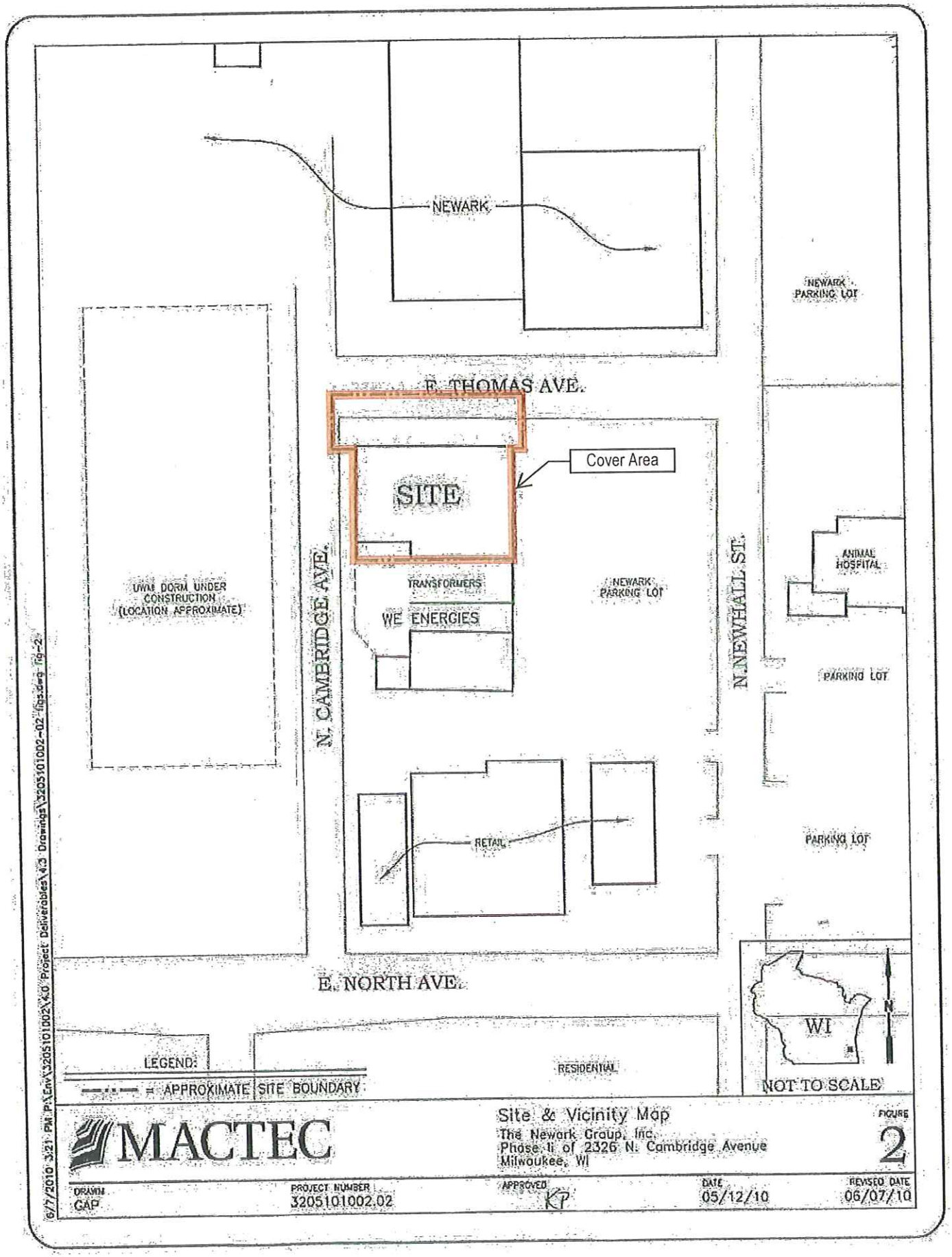
Site Location & Topographic Map

The Newark Group, Inc.
Phase II of 2326 N. Cambridge Avenue
Milwaukee, WI

FIGURE 1

| DRAWN | PROJECT NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CAP | 3205101002.02 | KP | 05/12/10 | |

5/20/2010, 1:26 PM, P:\Env\3205101002\V10 Project Deliverables\V1.3 Drawings\3205101002-02 Fig1.dwg, Fig-1




MACTEC

Site & Vicinity Map
The Newark Group, Inc.
Phase II of 2326 N. Cambridge Avenue
Milwaukee, WI

FIGURE 2

| DRAWN | PROJECT NUMBER | APPROVED | DATE | REVISED DATE |
|---|---|---|---|---|
| CAP | 3205101002.02 | KP | 05/12/10 | 06/07/10 |

6/7/2010 3:21 PM P:\Env\3205101002\K.0 Project Deliverables\4.3 Drawings\3205101002-02 Figs.dwg Fig-2

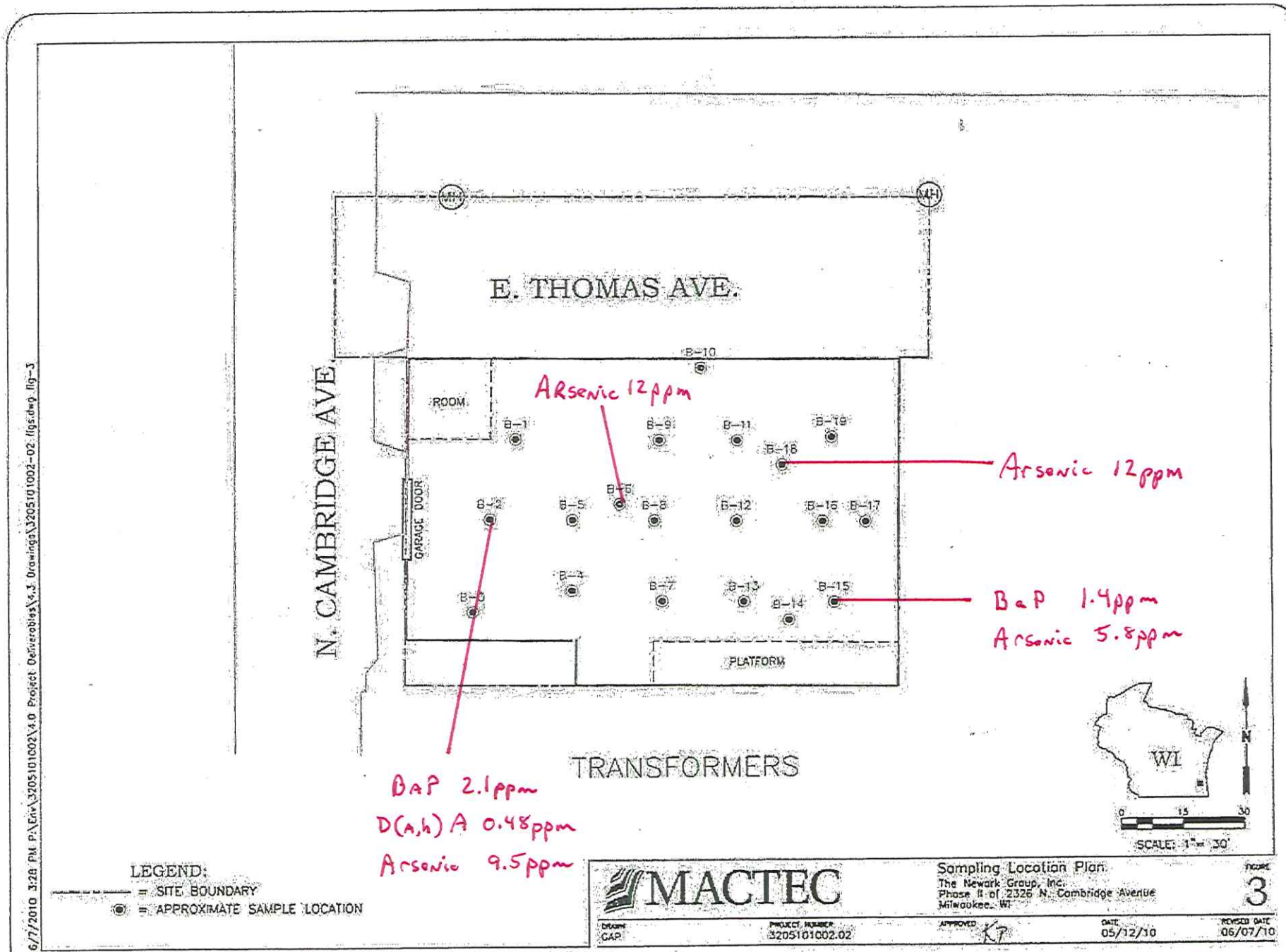

E. THOMAS AVE.
N. CAMBRIDGE AVE.
MH
MH
B-10
ROOM
B-1
B-9
B-11
B-19
B-16
B-5
B-2
B-5
B-8
B-12
B-18
B-17
GARAGE DOOR
B-4
B-7
B-13
B-15
B-6
B-14
PLATFORM
TRANSFORMERS
Arsenic 12ppm
Arsenic 12ppm
BaP 1.4ppm
Arsenic 5.8ppm
BaP 2.1ppm
D(a,h)A 0.48ppm
Arsenic 9.5ppm
WI
N
0
15
30
SCALE: 1" = 30'
LEGEND:
= SITE BOUNDARY
= APPROXIMATE SAMPLE LOCATION
MACTEC
Sampling Location Plan
The Newark Group, Inc.
Phase II of 2326 N. Cambridge Avenue
Milwaukee, WI
FIGURE 3
DRAWN CAP
PROJECT NUMBER 3205101002.02
APPROVED KP
DATE 05/12/10
REVISED DATE 06/07/10
6/7/2010 3:28 PM P:\Env\3205101002\4.0 Project Deliverables\4.3 Drawings\3205101002-02 figs.dwg fig-3

**TABLE 1**
**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**
**2326 NORTH CAMBRIDGE AVENUE**
**MILWAUKEE, WISCONSIN**

| Sample ID / Sample Depth (feet) / Sample Date / Parameter | Units | B-1 0 - 2.0 4/13/10 | B-2 A 0 - 2.0 4/13/10 | B-2 B 2.5 - 4.5 4/13/10 | B-3 0 - 2.0 4/13/10 | B-4 0 - 2.0 4/13/10 | B-5 2.0 - 4.0 4/15/10 | Direct Contact Residual Contamination Level (RCL) Non-Industrial | Direct Contact Residual Contamination Level (RCL) Industrial | Groundwater Pathway Residual Contaminant Level (RCL) | USEPA RSL for Residential Soil | USEPA RSL for Industrial Soil | USEPA RSL Protection of Groundwater SSL Risk Based | USEPA RSL Protection of Groundwater SSL Default | Urban ALAC (Arsenic, Chromium VI, Beryllium) Background Soils |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | | | | | | | | | | | | | | | |
| Acetone | mg/kg | NA | 0.14 | NA | NA | NA | NA | NE | NE | NE | 61000 | 630000 | 4.5 | NE | NE |
| Methyl acetate | mg/kg | NA | 0.054 | NA | NA | NA | NA | NE | NE | NE | 78000 | 1000000 | 7.5 | NE | NE |
| Methyl Ethyl Ketone | mg/kg | NA | 0.014 | NA | NA | NA | NA | NE | NE | NE | 28000 | 200000 | 1.5 | NE | NE |
| **PNAs** | | | | | | | | | | | | | | | |
| Acenaphthene | mg/kg | NA | 0.052 J | NA | NA | NA | NA | 900 | 60000 | 38 | 3400 | 33000 | 22 | NE | NE |
| Acenaphthylene | mg/kg | NA | 0.29 | NA | NA | NA | NA | 18 | 360 | 0.7 | NE | NE | NE | NE | NE |
| Anthracene | mg/kg | NA | 0.37 | NA | NA | NA | NA | 5000 | 300000 | 3000 | 17000 | 170000 | 360 | NE | NE |
| Benzo(a)anthracene | mg/kg | NA | 2.5 | NA | NA | NA | NA | 0.088 | 3.9 | 17 | 0.15 | 2.1 | 0.01 | NE | NE |
| Benzo(a)pyrene | mg/kg | NA | 2.3 | NA | NA | NA | NA | 0.0088 | 0.39 | 48 | 0.015 | 0.21 | 0.0035 | NE | NE |
| Benzo(b)fluoranthene | mg/kg | NA | 2.2 | NA | NA | NA | NA | 0.088 | 3.9 | 360 | 0.15 | 2.1 | 0.035 | NE | NE |
| Benzo(g,h,i)perylene | mg/kg | NA | 1.4 | NA | NA | NA | NA | 1.8 | 39 | 6800 | NE | NE | NE | NE | NE |
| Benzo(k)fluoranthene | mg/kg | NA | 1.7 | NA | NA | NA | NA | 0.88 | 39 | 870 | 1.5 | 21 | 0.35 | NE | NE |
| Chrysene | mg/kg | NA | 2.6 | NA | NA | NA | NA | 8.8 | 390 | 37 | 15 | 210 | 1.1 | NE | NE |
| Dibenzo(a,h)anthracene | mg/kg | NA | 0.48 | NA | NA | NA | NA | 0.0088 | 0.39 | 38 | 0.015 | 0.21 | 0.011 | NE | NE |
| Fluoranthene | mg/kg | NA | 3.9 | NA | NA | NA | NA | 600 | 40000 | 500 | 2300 | 22000 | 27 | NE | NE |
| Fluorene | mg/kg | NA | 0.088 | NA | NA | NA | NA | 600 | 40000 | 100 | 2300 | 22000 | 27 | NE | NE |
| Indeno(1,2,3-cd)pyrene | mg/kg | NA | 1.1 | NA | NA | NA | NA | 0.088 | 3.9 | 680 | 0.15 | 2.1 | 0.12 | NE | NE |
| Naphthalene | mg/kg | NA | 0.81 | NA | NA | NA | NA | 20 | 110 | 0.4 | 3.6 | 18 | 0.00047 | NE | NE |
| Phenanthrene | mg/kg | NA | 2.3 | NA | NA | NA | NA | 18 | 390 | 1.8 | NE | NE | NE | NE | NE |
| Pyrene | mg/kg | NA | 3.6 | NA | NA | NA | NA | 500 | 30000 | 8700 | NE | NE | NE | NE | NE |
| **SVOCs** | | | | | | | | | | | | | | | |
| 2-Methylnaphthalene | mg/kg | NA | 1.3 | NA | NA | NA | NA | 600 | 40000 | 20 | 310 | 4100 | 0.75 | NE | NE |
| 3,4-Methylphenol | mg/kg | NA | <1.0 | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | NE | NE |
| Bis(2-ethylhexyl) phthalate | mg/kg | NA | <1.0 | NA | NA | NA | NA | NE | NE | NE | 35 | 120 | 1.1 | 1.4 | 1.4 |
| Carbazole | mg/kg | NA | <1.0 | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | NE | NE |
| Dibenzofuran | mg/kg | NA | 0.6 J | NA | NA | NA | NA | NE | NE | NE | 78 | 1000 | 0.68 | NE | NE |
| **PCBs** | | | | | | | | | | | | | | | |
| PCB-1254 | mg/kg | <0.018 | <0.019 | <0.019 | <0.018 | <0.020 | <0.018 | NE | NE | NE | 0.22 | 0.74 | 0.01 | NE | NE |
| **METALS, TOTAL** | | | | | | | | | | | | | | | |
| Antimony | mg/kg | NA | 6.1 | NA | NA | NA | NA | NE | NE | NE | 31 | 410 | 0.66 | 0.27 | 4/3.3 |
| Arsenic | mg/kg | NA | 9.5 | NA | NA | NA | NA | 0.039 | 1.6 | NE | 0.39 | 1.6 | 0.0013 | 0.29 | 13/11.3 |
| Barium | mg/kg | NA | 73 | NA | NA | NA | NA | NE | NE | NE | 15000 | 190000 | 300 | 82 | 110/122 |
| Beryllium | mg/kg | NA | 0.88 | NA | NA | NA | NA | NE | NE | NE | 160 | 2000 | 58 | 3.2 | 0.59/0.56 |
| Cadmium | mg/kg | NA | 0.48 | NA | NA | NA | NA | 8 | 510 | NE | 70 | 800 | 1.4 | 0.38 | 0.6/0.5 |
| Chromium | mg/kg | NA | 7.5 | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | 180000 | 16.3/13 |
| Copper | mg/kg | NA | 41 | NA | NA | NA | NA | NE | NE | NE | 3100 | 41000 | 51 | 46 | 19.6/12 |
| Lead | mg/kg | NA | 110 B | NA | NA | NA | NA | 50 | 500 | NE | 400 | 800 | NE | 14 | 36/20.9 |
| Mercury | mg/kg | NA | 0.087 | NA | NA | NA | NA | NE | NE | NE | 5.6 | 34 | 0.03 | 0.1 | 0.06/0.05 |
| Nickel | mg/kg | NA | 11 | NA | NA | NA | NA | NE | NE | NE | 1500 | 20000 | 48 | NE | 18/13 |
| Selenium | mg/kg | NA | 1.2 B | NA | NA | NA | NA | NE | NE | NE | 390 | 5100 | 0.95 | 0.26 | 0.48/0.37 |
| Silver | mg/kg | NA | 0.14 J | NA | NA | NA | NA | NE | NE | NE | 390 | 5100 | 1.6 | NE | 0.55/0.5 |
| Thallium | mg/kg | NA | <1.1 | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | 0.14 | 0.32/0.42 |
| Zinc | mg/kg | NA | 190 | NA | NA | NA | NA | NE | NE | NE | 23000 | 310000 | 680 | NE | 95/60.2 |
| **pH** | | | | | | | | | | | | | | | |
| pH | s.u. | NA | 9.12 | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | NE | NE |

Footnotes on last page.

*MACTEC Engineering and Consulting, Inc.*
*Prepared by: MJ*
*Checked by: MV*
**Date Printed: 7/8/2010**

**TABLE 1**
**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**
**2326 NORTH CAMBRIDGE AVENUE**
**MILWAUKEE, WISCONSIN**

| Sample ID / Sample Depth (feet) / Sample Date / Parameter | Units | B-6A 0-0.5 4/12/10 | B-6B 0-0.5 4/13/10 | B-7 0-0.5 4/13/10 | B-8 0-0.5 4/13/10 | B-9 0-0.5 4/13/10 | B-10 0-0.5 4/13/10 | Direct Contact - Residual Contamination Level (RCL) Non-Industrial | Direct Contact - Residual Contamination Level (RCL) Industrial | Groundwater Pathway - Residual Contaminant Level (RCL) | USEPA RSL for Residential Soil | USEPA RSL for Industrial Soil | USEPA RSL Protection of Groundwater (Migration to Groundwater) Risk-Based SSL | WDNR RCL Protection of Groundwater - Maximum Contaminant Level (MCL) RAVE SCLs | Illinois EPA/IEPA 742/Tiered Approach to Corrective Action Objectives (TACO) Background soils |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **VOCs** | | | | | | | | | | | | | | | |
| Acetone | mg/kg | <0.0047 | <0.005 | NA | NA | NA | NA | NE | NE | NE | 61000 | 630000 | 4.5 | NE | NE |
| Methyl acetate | mg/kg | <0.0047 | <0.005 | NA | NA | NA | NA | NE | NE | NE | 78000 | 1000000 | 7.5 | NE | NE |
| Methyl Ethyl Ketone | mg/kg | <0.0047 | <0.005 | NA | NA | NA | NA | NE | NE | NE | 28000 | 200000 | 1.5 | NE | NE |
| **PNAs** | | | | | | | | | | | | | | | |
| Acenaphthene | mg/kg | **0.053 J** | **0.018 J** | NA | NA | NA | NA | 900 | 60000 | 38 | 3400 | 33000 | 22 | NE | NE |
| Acenaphthylene | mg/kg | **0.02 J** | **0.039** | NA | NA | NA | NA | 18 | 360 | 0.7 | NE | NE | NE | NE | NE |
| Anthracene | mg/kg | **0.13** | **0.049** | NA | NA | NA | NA | 5000 | 300000 | 3000 | 17000 | 178000 | 360 | NE | NE |
| Benzo(a)anthracene | mg/kg | **0.44** | **0.18** | NA | NA | NA | NA | 0.088 | 3.9 | 17 | 0.15 | 2.1 | 0.01 | NE | NE |
| Benzo(a)pyrene | mg/kg | **0.36** | **0.18** | NA | NA | NA | NA | 0.0088 | 0.39 | 48 | 0.015 | 0.21 | 0.0035 | NE | NE |
| Benzo(b)fluoranthene | mg/kg | **0.41** | **0.22** | NA | NA | NA | NA | 0.088 | 3.9 | 360 | 0.15 | 2.1 | 0.035 | NE | NE |
| Benzo(g,h,i)perylene | mg/kg | **0.22** | **0.15** | NA | NA | NA | NA | 1.8 | 39 | 6800 | NE | NE | NE | NE | NE |
| Benzo(k)fluoranthene | mg/kg | **0.29** | **0.12** | NA | NA | NA | NA | 0.88 | 39 | 870 | 1.5 | 21 | 0.35 | NE | NE |
| Chrysene | mg/kg | **0.5** | **0.2** | NA | NA | NA | NA | 8.8 | 390 | 37 | 15 | 210 | 1.1 | NE | NE |
| Dibenzo(a,h)anthracene | mg/kg | **0.075** | **0.038 J** | NA | NA | NA | NA | 0.0088 | 0.39 | 38 | 0.015 | 0.21 | 0.011 | NE | NE |
| Fluoranthene | mg/kg | **0.86** | <0.2 | NA | NA | NA | NA | 600 | 40000 | 500 | 2300 | 22000 | 27 | NE | NE |
| Fluorene | mg/kg | **0.057** | **0.016 J** | NA | NA | NA | NA | 600 | 40000 | 100 | 2300 | 22000 | 27 | NE | NE |
| Indeno(1,2,3-cd)pyrene | mg/kg | **0.2** | **0.13** | NA | NA | NA | NA | 0.088 | 3.9 | 680 | 0.15 | 2.1 | 0.12 | NE | NE |
| Naphthalene | mg/kg | **0.29** | **0.019 J** | NA | NA | NA | NA | 20 | 110 | 0.4 | 3.6 | 18 | 0.00047 | NE | NE |
| Phenanthrene | mg/kg | **0.89** | **0.25** | NA | NA | NA | NA | 18 | 390 | 1.8 | NE | NE | NE | NE | NE |
| Pyrene | mg/kg | **0.79** | **0.33** | NA | NA | NA | NA | 500 | 30000 | 8700 | NE | NE | NE | NE | NE |
| **SVOCs** | | | | | | | | | | | | | | | |
| 2-Methylnaphthalene | mg/kg | **0.45** | <0.2 | NA | NA | NA | NA | 600 | 40000 | 20 | 310 | 4100 | 0.75 | NE | NE |
| 3,4-Methylphenol | mg/kg | <0.19 | <0.2 | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | NE | NE |
| Bis(2-ethylhexyl) phthalate | mg/kg | <0.19 | 25 | NA | NA | NA | NA | NE | NE | NE | 35 | 120 | 1.1 | 1.4 | 1.4 |
| Carbazole | mg/kg | **0.067 J** | <0.2 | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | NE | NE |
| Dibenzofuran | mg/kg | **0.39** | <0.2 | NA | NA | NA | NA | NE | NE | NE | 78 | 1000 | 0.68 | NE | NE |
| **PCBs** | | | | | | | | | | | | | | | |
| PCB-1254 | mg/kg | <0.020 | <0.021 | <0.020 | <0.020 | <0.019 | <0.019 | NE | NE | NE | 0.22 | 0.74 | 0.01 | NE | NE |
| **METALS, TOTAL** | | | | | | | | | | | | | | | |
| Antimony | mg/kg | **1.0 J** | **0.49 J** | NA | NA | NA | NA | NE | NE | NE | 31 | 410 | 0.66 | 0.27 | 4/3.3 |
| Arsenic | mg/kg | **120** | **28** | NA | NA | NA | NA | 0.039 | 1.6 | NE | 0.39 | 1.6 | 0.0013 | 0.29 | 13/11.3 |
| Barium | mg/kg | **79** | **52** | NA | NA | NA | NA | NE | NE | NE | 15000 | 190000 | 300 | 82 | 110/122 |
| Beryllium | mg/kg | **0.83** | **0.67** | NA | NA | NA | NA | NE | NE | NE | 160 | 2000 | 58 | 3.2 | 0.59/0.56 |
| Cadmium | mg/kg | **0.23** | **0.12 J** | NA | NA | NA | NA | 8 | 510 | NE | 70 | 800 | 1.4 | 0.38 | 0.6/0.5 |
| Chromium | mg/kg | **16** | **18** | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | 180000 | 16.3/13 |
| Copper | mg/kg | **42** | **27** | NA | NA | NA | NA | NE | NE | NE | 3100 | 41000 | 51 | 46 | 19.6/12 |
| Lead | mg/kg | **76 B** | **36 B** | NA | NA | NA | NA | 50 | 500 | NE | 400 | 800 | NE | 14 | 36/20.9 |
| Mercury | mg/kg | **0.083** | **0.12** | NA | NA | NA | NA | NE | NE | NE | 5.6 | 34 | 0.03 | 0.1 | 0.06/0.05 |
| Nickel | mg/kg | **13** | **17** | NA | NA | NA | NA | NE | NE | NE | 1500 | 20000 | 48 | NE | 18/13 |
| Selenium | mg/kg | **0.94 J B** | **0.62 J B** | NA | NA | NA | NA | NE | NE | NE | 390 | 5100 | 0.95 | 0.26 | 0.48/0.37 |
| Silver | mg/kg | **0.15 J** | <0.52 | NA | NA | NA | NA | NE | NE | NE | 390 | 5100 | 1.6 | NE | 0.55/0.5 |
| Thallium | mg/kg | **0.43 J** | **0.48 J** | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | 0.14 | 0.32/0.42 |
| Zinc | mg/kg | **140** | **50** | NA | NA | NA | NA | NE | NE | NE | 23000 | 310000 | 680 | NE | 95/60.2 |
| **pH** | | | | | | | | | | | | | | | |
| pH | s.u. | **8.44** | **7.98** | NA | NA | NA | NA | NE | NE | NE | NE | NE | NE | NE | NE |

Footnotes on last page.

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*Prepared by: MJ*
*Checked by: MV*
Date Printed: 7/8/2010

**TABLE 1**
**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**
**2326 NORTH CAMBRIDGE AVENUE**
**MILWAUKEE, WISCONSIN**

| Sample ID / Sample Depth (feet) / Sample Date | | B-1 0.5-5.0 5/13/10 | B-2 0.5-1.5 5/13/10 | B-3 0.5-2 5/13/10 | B-4 4-5 5/13/10 | B-5 4-5 5/13/10 | B-6 4-5 5/13/10 | Direct Contact - Residential Contaminant Cleanup (RCL) Non-Industrial | Direct Contact - Residential Contaminant Cleanup (RCL) Industrial | Groundwater Pathway - Residual Contaminant Level (RCL) | USEPA RSL for Residential Soil | USEPA RSL for Industrial Soil | USEPA RSL Protection of Groundwater - Generic SSL | USEPA/OSWER Protection of Groundwater - Migration to Groundwater SSL | Illinois EPA TACO 35 Appendix A Tier 1 Soil Values for Class 1 Groundwater (mg/kg) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Parameter | Units | | | | | | | | | | | | | | |
| **VOCs** | | | | | | | | | | | | | | | |
| Acetone | mg/kg | NA | NA | NA | NA | 0.036 | NA | NE | NE | NE | 61000 | 630000 | 4.5 | NE | NE |
| Methyl acetate | mg/kg | NA | NA | NA | NA | <0.0061 | NA | NE | NE | NE | 78000 | 1000000 | 7.5 | NE | NE |
| Methyl Ethyl Ketone | mg/kg | NA | NA | NA | NA | 0.0086 | NA | NE | NE | NE | 28000 | 200000 | 1.5 | NE | NE |
| **PNAs** | | | | | | | | | | | | | | | |
| Acenaphthene | mg/kg | NA | NA | NA | NA | 0.34 | NA | 900 | 60000 | 38 | 3400 | 33000 | 22 | NE | NE |
| Acenaphthylene | mg/kg | NA | NA | NA | NA | 0.035 J | NA | 18 | 360 | 0.7 | NE | NE | NE | NE | NE |
| Anthracene | mg/kg | NA | NA | NA | NA | 0.84 | NA | 5000 | 300000 | 3000 | 17000 | 170000 | 360 | NE | NE |
| Benzo(a)anthracene | mg/kg | NA | NA | NA | NA | 1.6 | NA | 0.088 | 3.9 | 17 | 0.15 | 2.1 | 0.01 | NE | NE |
| Benzo(a)pyrene | mg/kg | NA | NA | NA | NA | 1.6 | NA | 0.0088 | 0.39 | 48 | 0.015 | 0.21 | 0.0035 | NE | NE |
| Benzo(b)fluoranthene | mg/kg | NA | NA | NA | NA | 1.4 | NA | 0.088 | 3.9 | 360 | 0.15 | 2.1 | 0.035 | NE | NE |
| Benzo(g,h,i)perylene | mg/kg | NA | NA | NA | NA | 7.6 | NA | 1.8 | 39 | 6800 | NE | NE | NE | NE | NE |
| Benzo(k)fluoranthene | mg/kg | NA | NA | NA | NA | 7.3 | NA | 0.88 | 39 | 870 | 1.5 | 21 | 0.35 | NE | NE |
| Chrysene | mg/kg | NA | NA | NA | NA | 1.3 | NA | 8.8 | 390 | 37 | 15 | 210 | 1.1 | NE | NE |
| Dibenzo(a,h)anthracene | mg/kg | NA | NA | NA | NA | 0.28 | NA | 0.0088 | 0.39 | 38 | 0.015 | 0.21 | 0.011 | NE | NE |
| Fluoranthene | mg/kg | NA | NA | NA | NA | 3 | NA | 600 | 40000 | 500 | 2300 | 22000 | 27 | NE | NE |
| Fluorene | mg/kg | NA | NA | NA | NA | 0.47 | NA | 600 | 40000 | 100 | 2300 | 22000 | 27 | NE | NE |
| Indeno(1,2,3-cd)pyrene | mg/kg | NA | NA | NA | NA | 0.7 | NA | 0.088 | 3.9 | 680 | 0.15 | 2.1 | 0.12 | NE | NE |
| Naphthalene | mg/kg | NA | NA | NA | NA | 0.22 | NA | 20 | 110 | 0.4 | 3.6 | 18 | 0.00047 | NE | NE |
| Phenanthrene | mg/kg | NA | NA | NA | NA | 2.6 | NA | 18 | 390 | 1.8 | NE | NE | NE | NE | NE |
| Pyrene | mg/kg | NA | NA | NA | NA | 2.7 | NA | 500 | 30000 | 8700 | NE | NE | NE | NE | NE |
| **SVOCs** | | | | | | | | | | | | | | | |
| 2-Methylnaphthalene | mg/kg | NA | NA | NA | NA | 0.11 J | NA | 600 | 40000 | 20 | 310 | 4100 | 0.75 | NE | NE |
| 3,4-Methylphenol | mg/kg | NA | NA | NA | NA | 0.14 J | NA | NE | NE | NE | NE | NE | NE | NE | NE |
| Bis(2-ethylhexyl) phthalate | mg/kg | NA | NA | NA | NA | 3.3 | NA | NE | NE | NE | 35 | 120 | 1.1 | 1.4 | 1.4 |
| Carbazole | mg/kg | NA | NA | NA | NA | 0.19 J | NA | NE | NE | NE | NE | NE | NE | NE | NE |
| Dibenzofuran | mg/kg | NA | NA | NA | NA | 0.32 | NA | NE | NE | NE | 78 | 1000 | 0.68 | NE | NE |
| **PCBs** | | | | | | | | | | | | | | | |
| PCB-1254 | mg/kg | <0.018 | <0.020 | 0.011 J | <0.020 | <0.021 | <0.021 | NE | NE | NE | 0.22 | 0.74 | 0.01 | NE | NE |
| **METALS, TOTAL** | | | | | | | | | | | | | | | |
| Antimony | mg/kg | NA | NA | NA | NA | 0.31 J | NA | NE | NE | NE | 31 | 410 | 0.66 | 0.27 | 4/3.3 |
| Arsenic | mg/kg | NA | NA | NA | NA | 5.8 | NA | 0.039 | 1.6 | NE | 0.39 | 1.6 | 0.0013 | 0.29 | 13/11.3 |
| Barium | mg/kg | NA | NA | NA | NA | 65 | NA | NE | NE | NE | 15000 | 190000 | 300 | 82 | 110/122 |
| Beryllium | mg/kg | NA | NA | NA | NA | 0.57 | NA | NE | NE | NE | 160 | 2000 | 58 | 3.2 | 0.59/0.56 |
| Cadmium | mg/kg | NA | NA | NA | NA | 0.38 | NA | 8 | 510 | NE | 70 | 800 | 1.4 | 0.38 | 0.6/0.5 |
| Chromium | mg/kg | NA | NA | NA | NA | 19 | NA | NE | NE | NE | NE | NE | NE | 180000 | 16.3/13 |
| Copper | mg/kg | NA | NA | NA | NA | 39 | NA | NE | NE | NE | 3100 | 41000 | 51 | 46 | 19.6/12 |
| Lead | mg/kg | NA | NA | NA | NA | 340 B | NA | 50 | 500 | NE | 400 | 800 | NE | 14 | 36/20.9 |
| Mercury | mg/kg | NA | NA | NA | NA | 0.23 | NA | NE | NE | NE | 5.6 | 34 | 0.03 | 0.1 | 0.06/0.05 |
| Nickel | mg/kg | NA | NA | NA | NA | 13 | NA | NE | NE | NE | 1500 | 20000 | 48 | NE | 18/13 |
| Selenium | mg/kg | NA | NA | NA | NA | 0.45 J B | NA | NE | NE | NE | 390 | 5100 | 0.95 | 0.26 | 0.48/0.37 |
| Silver | mg/kg | NA | NA | NA | NA | <0.64 | NA | NE | NE | NE | 390 | 5100 | 1.6 | NE | 0.55/0.5 |
| Thallium | mg/kg | NA | NA | NA | NA | <1.3 | NA | NE | NE | NE | NE | NE | NE | 0.14 | 0.32/0.42 |
| Zinc | mg/kg | NA | NA | NA | NA | 130 | NA | NE | NE | NE | 23000 | 310000 | 680 | NE | 95/60.2 |
| **pH** | | | | | | | | | | | | | | | |
| pH | s.u. | NA | NA | NA | NA | 7.58 | NA | NE | NE | NE | NE | NE | NE | NE | NE |

Footnotes on last page.

*MACTEC Engineering and Consulting, Inc.*
*Prepared by: MJ*
*Checked by: MV*
**Date Printed: 7/8/2010**

**TABLE 1**
**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**
**2326 NORTH CAMBRIDGE AVENUE**
**MILWAUKEE, WISCONSIN**

| Sample ID / Sample Depth (feet) / Sample Date / Parameter | Units | B-1 / 3.0-4.0 / 5/12/10 | B-1S / 3.0-4.0 / 5/12/10 | B-2 / 3.5-5 / 5/12/10 | | | | Direct Contact Residual Contaminant Level (RCL) | | Groundwater Protection Residual Contaminant Level (RCL) | USEPA RSL for Residential Soil | USEPA RSL for Industrial Soil | USEPA RSL Protection of Groundwater Soil-Water Dilution Factor = 20 | DNR Soil Cleanup Standards Protection of Groundwater Maximum Contaminant Level (MCL) Based RCL | Ambient Soil RCL for Inorganic Chemicals in Background Soil |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | Non-Industrial | Industrial | | | | | | |
| **VOCs** | | | | | | | | | | | | | | | |
| Acetone | mg/kg | NA | NA | <0.0082 | | | | NE | NE | NE | 61000 | 630000 | 4.5 | NE | NE |
| Methyl acetate | mg/kg | NA | NA | <0.0082 | | | | NE | NE | NE | 78000 | 1000000 | 7.5 | NE | NE |
| Methyl Ethyl Ketone | mg/kg | NA | NA | <0.0082 | | | | NE | NE | NE | 28000 | 200000 | 1.5 | NE | NE |
| **PNAs** | | | | | | | | | | | | | | | |
| Acenaphthene | mg/kg | NA | NA | <0.042 | | | | 900 | 60000 | 38 | 3400 | 33000 | 22 | NE | NE |
| Acenaphthylene | mg/kg | NA | NA | <0.042 | | | | 18 | 360 | 0.7 | NE | NE | NE | NE | NE |
| Anthracene | mg/kg | NA | NA | <0.042 | | | | 5000 | 300000 | 3000 | 17000 | 170000 | 360 | NE | NE |
| Benzo(a)anthracene | mg/kg | NA | NA | 0.02 J | | | | 0.088 | 3.9 | 17 | 0.15 | 2.1 | 0.01 | NE | NE |
| Benzo(a)pyrene | mg/kg | NA | NA | 0.024 J | | | | 0.0088 | 0.39 | 48 | 0.015 | 0.21 | 0.0035 | NE | NE |
| Benzo(b)fluoranthene | mg/kg | NA | NA | 0.021 J | | | | 0.088 | 3.9 | 360 | 0.15 | 2.1 | 0.035 | NE | NE |
| Benzo(g,h,i)perylene | mg/kg | NA | NA | 0.028 J | | | | 1.8 | 39 | 6800 | NE | NE | NE | NE | NE |
| Benzo(k)fluoranthene | mg/kg | NA | NA | 0.012 J | | | | 0.88 | 39 | 870 | 1.5 | 21 | 0.35 | NE | NE |
| Chrysene | mg/kg | NA | NA | 0.018 J | | | | 8.8 | 390 | 37 | 15 | 210 | 1.1 | NE | NE |
| Dibenz(a,h)anthracene | mg/kg | NA | NA | 0.0091 J | | | | 0.0088 | 0.39 | 38 | 0.015 | 0.21 | 0.011 | NE | NE |
| Fluoranthene | mg/kg | NA | NA | 0.035 J | | | | 600 | 40000 | 500 | 2300 | 22000 | 27 | NE | NE |
| Fluorene | mg/kg | NA | NA | <0.042 | | | | 600 | 40000 | 100 | 2300 | 22000 | 27 | NE | NE |
| Indeno(1,2,3-cd)pyrene | mg/kg | NA | NA | 0.22 J | | | | 0.088 | 3.9 | 680 | 0.15 | 2.1 | 0.12 | NE | NE |
| Naphthalene | mg/kg | NA | NA | <0.042 | | | | 20 | 110 | 0.4 | 3.6 | 18 | 0.00047 | NE | NE |
| Phenanthrene | mg/kg | NA | NA | 0.042 | | | | 18 | 390 | 1.8 | NE | NE | NE | NE | NE |
| Pyrene | mg/kg | NA | NA | 0.024 J | | | | 500 | 30000 | 8700 | NE | NE | NE | NE | NE |
| **SVOCs** | | | | | | | | | | | | | | | |
| 2-Methylnaphthalene | mg/kg | NA | NA | <0.21 | | | | 600 | 40000 | 20 | 310 | 4100 | 0.75 | NE | NE |
| 3,4-Methylphenol | mg/kg | NA | NA | <0.21 | | | | NE | NE | NE | NE | NE | NE | NE | NE |
| Bis(2-ethylhexyl) phthalate | mg/kg | NA | NA | <0.21 | | | | NE | NE | NE | 35 | 120 | 1.1 | 1.4 | 1.4 |
| Butyl benzyl phthalate | mg/kg | NA | NA | <0.21 | | | | NE | NE | NE | 260 | 2000 | 58 | 3.2 | 3.2 |
| Carbazole | mg/kg | NA | NA | <0.21 | | | | NE | NE | NE | NE | NE | NE | NE | NE |
| Dibenzofuran | mg/kg | NA | NA | <0.21 | | | | NE | NE | NE | 78 | 1000 | 0.68 | NE | NE |
| **PCBs** | | | | | | | | | | | | | | | |
| PCB-1254 | mg/kg | <0.020 | <0.018 | <0.021 | | | | NE | NE | NE | 0.22 | 0.74 | 0.01 | NE | NE |
| **METALS, TOTAL** | | | | | | | | | | | | | | | |
| Antimony | mg/kg | NA | NA | 0.59 J | | | | NE | NE | NE | 31 | 410 | 0.66 | 0.27 | 4/3.3 |
| Arsenic | mg/kg | NA | NA | 12 | | | | 0.039 | 1.6 | NE | 0.39 | 1.6 | 0.0013 | 0.29 | 13/11.3 |
| Barium | mg/kg | NA | NA | 180 | | | | NE | NE | NE | 15000 | 190000 | 300 | 82 | 110/122 |
| Beryllium | mg/kg | NA | NA | 0.96 | | | | NE | NE | NE | 160 | 2000 | 58 | 3.2 | 0.59/0.56 |
| Cadmium | mg/kg | NA | NA | 0.051 J | | | | 8 | 510 | NE | 70 | 800 | 1.4 | 0.38 | 0.6/0.5 |
| Chromium | mg/kg | NA | NA | 22 | | | | NE | NE | NE | NE | NE | NE | NE | 16.3/13 |
| Copper | mg/kg | NA | NA | 45 | | | | NE | NE | NE | 3100 | 41000 | 51 | 46 | 19.6/12 |
| Lead | mg/kg | NA | NA | 360 B | | | | 50 | 500 | NE | 400 | 800 | NE | 14 | 36/20.9 |
| Mercury | mg/kg | NA | NA | 0.36 | | | | NE | NE | NE | 5.6 | 34 | 0.03 | 0.1 | 0.06/0.05 |
| Nickel | mg/kg | NA | NA | 17 | | | | NE | NE | NE | 1500 | 20000 | 48 | NE | 18/13 |
| Selenium | mg/kg | NA | NA | 0.79 J B | | | | NE | NE | NE | 390 | 5100 | 0.95 | 0.26 | 0.48/0.37 |
| Silver | mg/kg | NA | NA | 0.62 | | | | NE | NE | NE | 390 | 5100 | 1.6 | NE | 0.55/0.5 |
| Thallium | mg/kg | NA | NA | 0.45 J | | | | NE | NE | NE | NE | NE | NE | 0.14 | 0.32/0.42 |
| Zinc | mg/kg | NA | NA | 73 | | | | NE | NE | NE | 23000 | 310000 | 680 | NE | 95/60.2 |
| **pH** | | | | | | | | | | | | | | | |
| pH | s.u. | NA | NA | 7.37 | | | | NE | NE | NE | NE | NE | NE | NE | NE |

Footnotes on last page.

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Date Printed: 7/8/2010

**TABLE 1**
**SUMMARY OF SOIL SAMPLE ANALYTICAL RESULTS**
**2326 NORTH CAMBRIDGE AVENUE**
**MILWAUKEE, WISCONSIN**

Notes:
(1): Residual Contaminant levels based on human health risk from direct contact related to land use, NR 720.11 Table 2 (Non-Industrial/Industrial).
(2): Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance, RR-519-97 April 1997 (corrected).
(3): USEPA Regional Screening Levels (RSL) for Chemical Contaminants at Superfund Sites.
(4): Illinois Concentrations of Inorganic Chemicals in Background Soils 35 IAC 742 (Similar Data Not Available for Wisconsin). First Number is within Metropolitan Areas, Second Number is outside Metropolitan Areas.

mg/kg Milligram per kilogram
NE Not established
NA Not Analyzed
J Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B Compound was found in the blank and sample.
**BOLD** Laboratory Analytical Detection
**BOLD = HIGHLIGHT** Laboratory Analytical Detection that exceeds the WDNR Industrial RCL.

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