

# Phase I Environmental Site Assessment Report

East St. Paul Avenue Waukesha, Wisconsin



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## **EXECUTIVE SUMMARY**

## **General Description**

The subject property, which contains approximately 3.58 acres, is located off the southeast corner of East St. Paul Avenue and Barstow Street in the City of Waukesha, Waukesha County, Wisconsin. The subject property historically utilized the street addresses of 100, 151, 210 and 313 Bank (Cherry) Street and 100 Madison Street. At the time of this assessment, the subject property was undeveloped and unoccupied. Historically, the subject property was occupied by the Waukesha Novelty Co. (woodworking shop, storage & painting), railroad ROW, stockyards, the Wilbur Lumber Company (with coal storage), a machine shop, a welding company, an auto repair facility, Waukesha Auto Trim (automotive paint shop) and retail stores/offices. All buildings on the subject property were razed in 2013/2014. Since 2014 the subject property has been undeveloped/unoccupied.

### **Recognized Environmental Conditions**

As part of environmental site investigation activities at the adjacent Waukesha Coal Gas Site, fill soils were identified at the subject property. The fill soils could have negatively impacted the subject property via soil, groundwater or vapor.

A review of City of Waukesha building inspection records identified a permit, dated November 5, 1952, for the installation of a 275-gallon fuel oil tank at 100 Madison Street and a permit, dated Dec 20, 1955, for the installation of a 2,000-gallon fuel oil tank at 313 Bank Street. Additionally, a gas tank was depicted on the eastern portion of the subject property in the 1929 Sanborn map. No further information regarding the tanks was available for review. A release from the tank systems could have negatively impacted the subject property via soil, groundwater or vapor.

A review of historical information indicated that occupants of the subject property included the Waukesha Novelty Co. (woodworking shop, storage & painting), railroad ROW, the Wilbur Lumber Company (with coal storage), a machine shop, an auto repair facility and Waukesha Auto Trim (automotive paint shop). Historical occupants likely performed operations with the use of hazardous materials and the generation and storage of hazardous waste. A release from historical operations could have negatively impacted the subject property via soil, groundwater or vapor.

Additionally, RECs associated with off-site properties were identified. Please note, with respect to the potential off-site issues, the State of Wisconsin created the "property affected by off-site discharges" exemption, s. 292.13, Wisconsin Statues, which limits the responsibilities of property owners when soil or groundwater contamination is confirmed to be migrating onto his or her property from off site. Property owners will not be responsible for taking appropriate environmental response actions if certain conditions are met. The RECs are as follows:

The Waukesha Coal Gas Site located at 130 Barstow Street (adjacent to the northeast of the subject property) is a closed ERP site (BRRTS #02-68-000617) with soil and groundwater impacts. Groundwater impacts of benzene, ethylbenzene and naphthalene above state groundwater enforcement standards found in Chapter NR 140, Wisconsin Administrative Code extend to the subject property. Certain land use controls are in effect at the subject property. Responsibilities include obtaining WDNR approval before changing certain physical or land use conditions, including:

• Proper handling and disposal of encountered impacted soils in accordance with state and federal requirements, if disturbance cannot be avoided. This land use control is to address impacts that are associated with historic fill soils at the subject property.

- Special construction standards for any water supply well constructed on the subject property may be required along with WDNR approval.
- Assessment of the subsurface environmental conditions on building construction methods if a building is constructed.

A review of city directories indicated that dry cleaners were historically located at 151 & 161 Bank St. (adjacent to the southeast of the subject property). Based on the relative distance between the sites and the subject property, a release from off-site dry-cleaning operations could have negatively impacted the subject property via soil, groundwater or vapor.

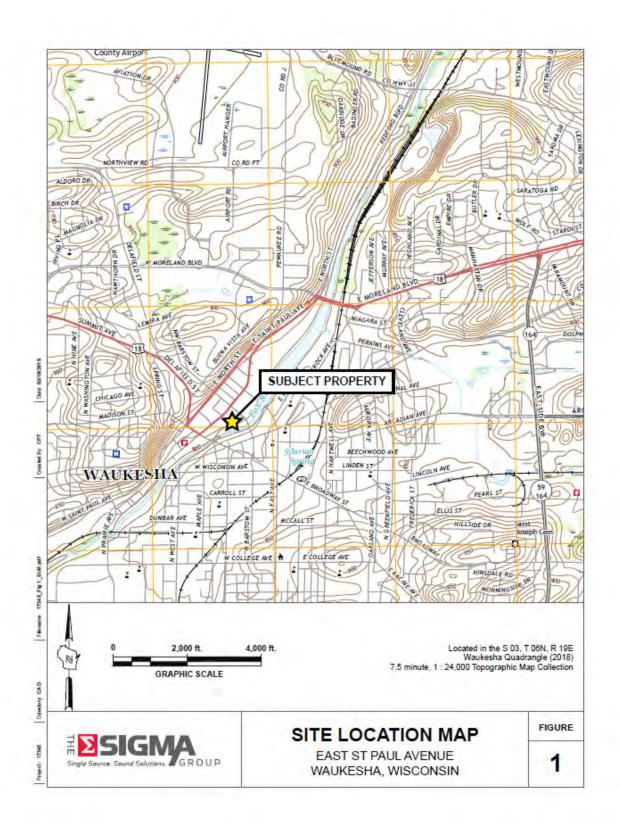
A map depicting the approximate location of the RECs is included as **Appendix H**.

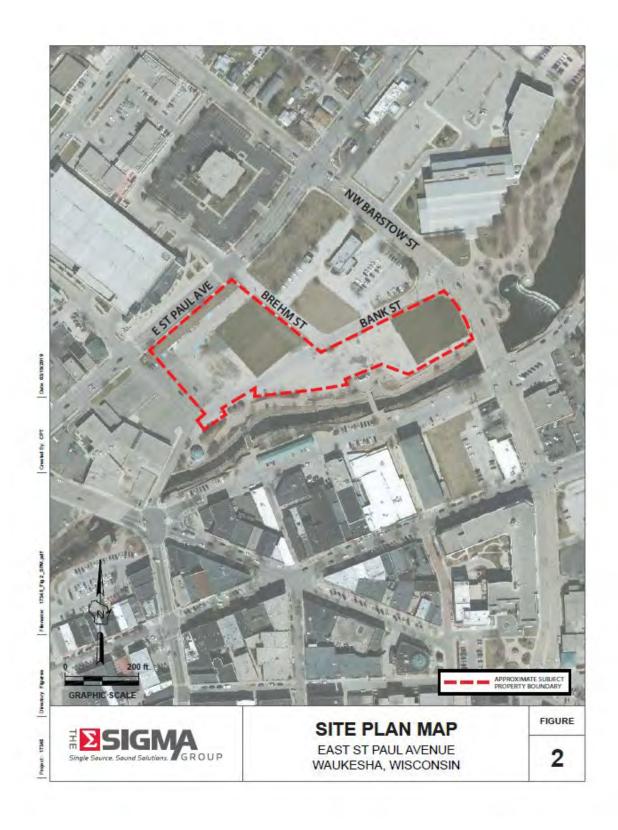
# **Controlled Recognized Environmental Conditions**

Not identified

Historical Recognized Environmental Conditions

Not identified





## 1. Introduction

## Purpose

Mr. Michael Campbell, on behalf of Campbell Capital Group, LLC, retained The Sigma Group, Inc. (Sigma) of Milwaukee, Wisconsin to conduct an AAI Phase I Environmental Site Assessment (ESA) at property located East St. Paul Avenue in Waukesha, Wisconsin (the "Subject Property"). The purpose of the environmental assessment was to identify any recognized environmental conditions (RECs), as defined by ASTM in its Standard Practice for Environmental Site Assessments (E 1527-13), on the subject property. To perform the service, Sigma compiled a site history, reviewed available regulatory documents, reviewed area geology and hydrogeology and conducted limited site observations between February 28 and March 29, 2019. The findings of the assessment are summarized in this report.

The ASTM Standard E 1527-13 defines a REC as:

"The presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment; or 3) under conditions that pose a material threat of a future release to the environment." The term includes hazardous substances or petroleum products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions".

The ASTM Standard E 1527-13 defines a controlled recognized environmental condition (CREC) as:

"A recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)".

The ASTM Standard E 1527-13 defines a historical recognized environmental condition (HREC) as:

"A past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls)".

## Reason for Performing the Phase I ESA

The purpose of this report is to qualify for the innocent landowner defense to CERCLA liability and to assist the user in making business decisions in regard to the subject property.

#### Methodology

Research of the property evaluated its historical use and examined the generation, treatment, storage, and disposal of hazardous chemicals, materials, substances, and wastes for potential sources of environmental concern. Research included a review of reasonably ascertainable records, interviews of knowledgeable local and state officials, and a site reconnaissance.

#### User Reliance

This document contains proprietary and confidential information, which is the sole and exclusive property of The Sigma Group, Inc. and Campbell Capital Group, LLC. This document may not be used or duplicated by those other than Campbell Capital Group, LLC in any manner without the express written consent of The Sigma Group, Inc. and the Campbell Capital Group, LLC. The environmental conditions of an operating facility change continuously. This report documents the status of environmental issues as of the date of the report. We caution reliance on this information as time progresses without an appropriate review and update to this environmental assessment.

#### **Document Review**

The Sigma Group, Inc. (Sigma) reviewed records or documents that were readily available and reasonably ascertainable in completion of the assessment. Accuracy and completeness of information varies among information sources. Sigma did not identify mistakes or insufficiencies in the information provided. Sigma made reasonable effort to compensate for mistakes or insufficiencies of information reviewed that were obvious considering other information obtained in the process of conducting the Phase I ESA or otherwise known to the consultant.

# 2. Site Description

Address:	East St. Paul Avenue, Waukesha, Wisconsin
	The subject property historically utilized the street addresses of 100, 151, 210 and 313 Bank (Cherry) Street and 100 Madison Street.
Parcel (s) #:	An ALTA survey of the subject property, obtained from Campbell Capital Group, LLC, is included in <b>Appendix A</b> .
Easting & Northing:	Sec. 3, T6N, R19E
Zoning:	Central Business District (B-2)
Owner:	Waukesha State Bank and Waukesha Loan
Land Area:	3.58 acres
General Elevation:	812 Feet Above Mean Sea Level (MSL)
Building Description:	Undeveloped
Building Square Foot:	Undeveloped
Year Built:	Undeveloped
Basement/Lowest Level:	None
Elevator(s)	None
Potable Water System:	Municipal water
Sanitary Sewer System:	City of Waukesha POTW
Current Use:	Unoccupied
Use of Adjoining Parcels:	
North:	A vacant Hardees restaurant and St. Paul Ave. then the Waukesha Metro Center
South:	Fox River
East:	Barstow Street then residential developments
West:	Waukesha State Bank

# 3. User-Provided Information

In accordance with the ASTM Standard E 1527-13, Sigma requested the following information from the Falls Plaza LLC, via Mr. Ted Balistreri:

Title Records:	Deed information was not available at the printing of this report. Although deed information was not available for review for the subject property, based on the information that was available for review, it is Sigma's opinion that the data gap does not significantly affect the ability to identify recognized environmental conditions in connection with the property.
Environmental Liens or Activity and Use Limitations:	No knowledge of environmental liens was reported.
Specialized Knowledge:	Mr. Campbell provided Sigma with a copy of a Phase I ESA report that was previously completed at 100 Bank Street, which includes a portion of the subject property. The report, which was prepared by Midwest Engineering Services, Inc. (MES), is dated October 15, 1997. In summary, MES identified the following items that warranted further investigation:
	Former Occupants – A paint shop, a grain elevator and feed mill with a gas- powered engine, buildings utilizing fuel fired furnaces, railroad tracks and possibly portions of a welding works and machine shop are known to have been present at the property in the past. The long-term use of possibly hazardous materials at such facilities can result in incidental releases during normal operation.
	Fill Materials – Fill materials consisting of foundry sand, slag, glass, wood, railroad ties and building rubble have been encountered during previous subsurface investigations performed by MES in the vicinity of the property. Similar fill soils were indicated to be present on the property by representatives of Waukesha State Bank. In addition, cyanide has been detected in similar soils encountered on several surrounding properties, including a site currently under construction near the eastern boundary of the property.
	ACM – Asbestos Containing Material (ACM) was observed in the building located on the property.
	A copy of the Phase I ESA report is included in <b>Appendix B</b> .
Valuation Reduction of Environmental Issues:	No value reduction was reported.

## 4. Records Review

Sigma utilized the services of Environmental Data Resources (EDR) to provide regulatory data, meeting the ASTM Standard E 1527-13, from Federal and State agencies. The federal regulatory data includes the National Priorities List (NPL), the Resource Conservation and Recovery Act (RCRA) notifiers, the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) database, and the Emergency Response Notification System (ERNS) database. The state data includes the Leaking Underground Storage Tanks (LUST) list, the Registered Underground Storage Tank list, and the State Solid Waste Facilities/Landfill Sites list. During review of the data provided by EDR, Sigma focused on sites within a 1.0-mile radius or less of the property. The EDR summary report is included as **Appendix C** of this Phase I Environmental Site Assessment report. The findings of select inventories are discussed below.

#### Standard Environmental Record Sources

National Priority List:	The EPA publishes a National Priorities List (NPL) of sites included in the "Superfund" program as authorized by CERCLA and the Superfund Amendments and Reauthorization Act (SARA). EDR did not identify the subject property as a "Proposed" Superfund, Superfund or "Delisted" Superfund site, nor were "Proposed" Superfund, Superfund or "Delisted" Superfund sites identified within a 1.0-mile radius of the subject property.
Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS):	The CERCLIS list is a compilation of known or suspected uncontrolled or abandoned hazardous waste sites that are under investigation or have been investigated by the EPA to determine if the site(s) should be remediated under the Superfund program. EDR did not identify the subject property as a CERCLIS or CERCLIS - No Further Remedial Action Planned (NFRAP) site; however, one CERCLIS-NFRAP site was identified within a 0.50-mile radius of the subject property. Based on the relative distance between the reported site and the subject property and the site status, the site is not expected to impact the subject property.
Resource Conservation and Recovery Action Corrective Action Report (CORRACTS):	The United States EPA maintains the CORRACTS database. The database includes RCRA facilities, which are undergoing corrective action due to a release of hazardous waste or constituents into the environment. EDR did not identify the subject property as a CORRACTS site; however, one CORRACTS site was identified within a 1.0-mile radius of the subject property. Based on the relative distance between the reported site and the subject property, the CORRACTS site is not expected to impact the subject property.
Resource Conservation and Recovery Action (RCRA):	RCRA includes selective information compiled by the EPA on sites, which generate, store, transport, treat, and/or dispose of hazardous waste. EDR did not identify the subject property in the RCRA database; however, the subject property (100, 210 & 313 Bank Street) was identified in the Solid & Hazardous Waste Information Management System (SHWIMS) database. Details of waste disposal were not found; however, no violations were identified for the subject property.
	EDR identified 19 RCRA hazardous waste generators within a 0.25-mile radius of the subject property. Based on the relative distance between the reported sites and the subject property and/or the site status, the RCRA sites are not expected to impact the subject property.
RCRA-Treatment, Storage, or Disposal Facility (TSDF):	EDR did not identify the subject property as a RCRA-Treatment, storage, or disposal facility, nor were RCRA-Treatment, storage, or disposal facilities

	identified within a 0.50-mile radius of the subject property.
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Emergency Response Notification System (ERNS):	The ERNS list contains information on reported releases of oil and hazardous substances. EDR identified the subject property address of 210/220 E. Bank Street in the ERNS and Wisconsin Spills databases. A traffic accident occurred near the subject property on May 21, 1993 and approximately 30-gallons of diesel fuel was released to the Fox River. The spill case was closed by the WDNR the same day requiring no further action.
	EDR also identified the subject property address of 313 Bank Street (near Goodwill) in the Wisconsin Spills database with a release to the surface water (Fox River) on November 16, 1994. The release, which was potentially a dye test, was closed by the WDNR on November 17, 1994 requiring no further action.
State Hazardous Waste (SHWS):	The state hazardous waste site record, the Hazard Ranking List, is compiled by the WDNR and is generally the state's equivalent to the CERCLIS list. EDR did not identify the subject property as a state hazardous waste site, nor were SHWS sites identified within a 1.0-mile radius of the subject property.
State Landfill:	The state landfill list, the Registry of Waste Disposal Sites, is compiled by the WDNR and includes an inventory of solid waste disposal facilities or landfills. EDR did not identify the subject property as a state landfill or waste disposal site, nor were state landfill or waste disposal sites identified within a 0.50-mile radius of the subject property.
Leaking Underground Storage Tank (LUST):	The LUST list is compiled by the WDNR and contains an inventory of reported LUST incidents. EDR did not identify the subject property as a LUST site; however, 42 LUST sites were identified within a 0.50-mile radius of the subject property. Based on the relative distance between the reported sites and the subject property and/or the closed status, the LUST sites are not expected to impact the subject property.
Underground Storage Tanks (USTs):	The list of registered USTs is compiled by the State of Wisconsin and contains information on the site name, location, and number of tanks. EDR did not identify the subject property as a registered UST site; however, 52 UST sites were identified within a 0.25-mile radius of the subject property. Based on the relative distance between the reported sites and the subject property and/or the closed status, the UST sites are not expected to impact the subject property.
Above Ground Storage Tanks:	The list of registered ASTs is compiled by the State of Wisconsin and contains information on the site name, location, and number of tanks. EDR did not identify the subject property in the AST database; however, EDR did identify 100 Bank Street (located west of the subject property) in the AST database with a 175-gallon diesel AST that was closed/removed on March 18, 2003 and a 240-gallon diesel AST for a backup generator that is currently in use. Based on the relative distance between the AST and the subject property and/or the closed status, the ASTs are not expected to impact the subject property.
Wisconsin Environmental Repair Program (ERP)	The ERP program database is compiled by the WDNR and generally includes non-UST related spills. EDR did not identify the subject property in the ERP database; however, 17 ERP sites were identified within a 0.50-mile radius of the subject property. Based on the relative distance between the reported sites and the subject property and/or the closed status, the ERP sites are not expected to impact the subject property with the exception of the Waukesha Coal Gas Site.
	The Waukesha Coal Gas Site located at 130 Barstow Street (adjacent to the northeast of the subject property) is a closed ERP site (BRRTS #02-68-000617)

with soil and groundwater impacts. Sigma reviewed the WDNR case file for the site. A summary of relevant documents is provided below in chronological order.

Letter to City of Waukesha Engineering Department from Wisconsin Electric Power Company, January 29, 1997

In a letter dated January 29, 1997, Wisconsin Electric Power Company (WEPCO) discussed the discovery of blue stained soil during excavation work being completed in the Goodwill parking lot area (potentially within the limits of the subject property) and the potential for the stained soils to be associated with the former manufactured gas plant (MGP) property located at 130 NW Barstow St., to the north and east of the limits of the subject property. In the letter, WEPCO indicated they were preparing a work plan for site investigation to determine if any off-site soils were impacted by the former MGP operations.

Letter to Wisconsin Department of Natural Resources from WEPCO, March 17, 1997

In a letter dated March 17, 1997, WEPCO discussed the excavation and temporary storage of soil from the Barstow Plaza Project (potentially within the limits of the subject property). The letter indicated that the blue stained soil was determined to contain ferric ferrocyanide or Prussian Blue material and contained concentrations of total cyanide varying between 142 to 2,250 milligrams per kilogram (mg/kg), equivalent to parts per million. The letter also noted a weak acid dissociable cyanide concentration of 274 mg/kg and non-detect cyanide amenable to chlorination, indicating the impacted material is "rather non-reactive".

The letter stated that approximately 500 cubic yards of impacted material had been excavated and hauled to WEPCO's Waukesha Service Center for temporary storage (on plastic sheeting over asphalt and covered with additional plastic) prior to landfill disposal once landfill approval was received. (Approximately 850 tons of material was excavated and disposed of in total at this time).

The letter also stated that STS Consultants (STS) had conducted a soil boring investigation in the area of the fountain easement (located at the north end of a new pedestrian bridge being constructed over the Fox River) and discussed management of excavation dewatering via sanitary sewer. The letter stated that STS was in the process of developing a work plan for site investigation that would be submitted to Wisconsin Department of Natural Resources (WDNR).

Phase I Environmental Site Assessment, 100 Bank Street, Waukesha, Wisconsin – Midwest Engineering Services Inc., October 15, 1997

On behalf of Waukesha State Bank, Midwest Engineering Services, Inc. completed a Phase I Environmental Site Assessment (Phase I ESA) for the property located at 100 Bank Street, Waukesha, Wisconsin (the 100 Bank Street parcel identified in the report generally corresponds to the parcel currently associated with the address of 151 E. St. Paul Avenue). A portion of the 151 E. St. Paul Avenue parcel is included within the limits of the subject property.

The Phase I ESA identified the following recognized environmental conditions (RECs):

- Historical use of the property as a paint shop, a grain elevator and feed mill with a gas-powered engine, buildings utilizing fuel fired furnaces, railroad tracks and possibly portions of a welding works and machine shop were present on the subject site in the past.
- Fill materials including foundry sand, slag, glass, wood, and building debris are present in the subsurface at surrounding properties. Similar fill was indicated to be present on the 100 Bank Street/151 E. St. Paul Avenue property by representatives of Waukesha State Bank. Cyanide was reportedly detected within the fill material at select surrounding properties.

Workplan for Off-Site Subsurface Exploration for the Former Manufactured Gas Plant Site, Waukesha, Wisconsin – STS Consultants, April 26, 1999

On behalf of WEPCO, STS prepared a work plan for additional investigation of the potential off-site extent of impacts associated with the former MGP operations located at 130 NW Barstow St. The work plan was prepared in response to the 1997 excavation activities, described above, when presumed oxide box waste was encountered during excavation for a pedestrian bridge along the Fox River. The affected soil in the immediate vicinity of the bridge construction was remediated; however, additional investigation was warranted to evaluate this area for the potential presence of additional areas of oxide box waste from the former MGP operations.

Therefore, STS proposed completion of the following within the approximate limits of the subject property submitted for application to the VPLE program: 1) completion of seven soil probes in the area along the Fox River to the east and west of the location where the oxide box waste had been encountered and removed in 1997, 2) completion of three soil borings to the southeast of the substation area of the MGP property to evaluate for the presence of tarry soil, and 3) install two groundwater monitoring wells to the southeast and southwest of the substation area of the MGP property to evaluate groundwater quality in the vicinity of the former MGP property.

Proposed Scope of Work for the Former Waukesha Manufactured Gas Plant Site – STS Consultants, March 22, 2000

On behalf of WEPCO, STS prepared a scope of work for additional investigation, including at locations within the limits of the subject property. The propose scope of work appeared to be in response to the results of the site investigation work described in the April 1999 work plan. The additional scope of work proposed for the subject property included the following: 1) completion of three additional soil probes in the area east of the new bridge/fountain and 2) completion of four additional soil probes in the area to the south/southwest of the substation area of the MGP property to allow installation of temporary groundwater monitoring wells to allow collection of groundwater samples for cyanide analysis.

Site Investigation, Remedial Alternatives Analysis, Waukesha MGP Site - STS Consultants, November 7, 2000

On behalf of WEPCO, STS prepared a report summarizing the results of the completed site investigation activities described in the April 1999 and March

2000 workplan documents described above. Site investigation activities completed within the limits of the subject property included the following:

- Completion of soil borings GP-99-1 through GP-99-7, soil borings B-99-6 through B-99-7B, and installation of monitoring wells MW-99-3 and MW-99-4 in areas to the east, southeast, south and southwest of the former MGP property in June 1999; and
- Sampling of wells MW-3 and MW-4 in January 2000 and March 2000 and three temporary wells (GP00-1, GP00-2 and GP00-3) in April 2000; and
- Completion of an exploratory excavation program in the area to the north and east of the pedestrian bridge abutment in August 2000.

Results of the activities completed within the limits of the VPLE parcel are summarized as follows:

- Subsurface lithology in the vicinity of the former MGP parcel consists of fill material (silt, sand, gravel, slag/cinders, brick and wood fragments) to depths between 4 to 7.5 feet, silt/clay varying in thickness between 2 to 10 feet, sand and gravel varying in thickness between 0 to 5 feet, and then weathered dolomite bedrock. Bedrock was generally encountered at depths between 14 to 16 feet bgs in soil borings completed within the subject property.
- Shallow groundwater elevations measured in monitoring wells installed within the subject property indicate depths to groundwater between 5 to 6 feet below grade. Shallow groundwater flow is generally towards the southwest, parallel to the Fox River. Hydraulic conductivity testing completed in wells MW-99-3 and MW-99-4 indicated hydraulic conductivities of 1.8 x 10-4 and 1.7 x 10-4 cm/s, respectively.
- No evidence of oxide box waste or cyanide bearing materials was observed in soil samples collected from soil borings GP-99-1 through GP-99-7.
- No evidence of tarry soil was observed in soil samples collected from soil borings B-99-6 and B-99-7B.
- The exploratory excavation completed in August 2000 identified additional apparent cyanide-bearing materials. Approximately 129.7 tons of material was excavated and disposed of off-site at a licensed landfill facility.
- Cyanide impacts greater than applicable ch. NR 140 standards were identified within groundwater samples collected from monitoring wells MW-99-3 and MW-99-4. The extent of down-gradient cyanide impacts to shallow groundwater was defined by samples collected from temporary wells GP00-1, GP00-2 and GP00-3.

Site Data Summary Report, Former Manufactured Gas Plant Facility, 130 NW Barstow Street, Waukesha, Wisconsin – STS Consultants, July 19, 2006

In 2001, WEPCO completed a remedial action at the former MGP facility consisting of excavation of approximately 6,000 tons of impacted soil, off-site thermal treatment and backfilling/compaction of the treated soil in the remedial excavation area. Following completion of the remedial action, WDNR required completion of post-remediation groundwater monitoring including investigation/monitoring of off-site impacts to deeper groundwater (40 to 60 feet deep) within fractured dolomite bedrock as impacts suspected to be associated with the former MGP facility were identified within a municipal well (City Well #1) located to the west/southwest of the subject property.

In addition, as part of the post-remediation sampling, WDNR required collection of additional soil samples beyond the limits of the completed remedial excavation to document the presence of any residual impacts as confirmation samples had not been collected from the limits of the completed remedial excavation. The additional soil sampling included installation of two soil borings B-05-7 and B-05-8 within the limits of the subject property.

Two to three soil samples from each boring were submitted for laboratory analysis of petroleum VOCs (PVOCs) and polynuclear aromatic hydrocarbons (PAHs). Following completion, the boreholes were abandoned in accordance with ch. NR 141.

No PVOC constituents were reported at concentrations greater than applicable Residual Contaminant Levels (RCLs) for the direct contact or protection of groundwater pathway. Select PAHs were reported at concentrations greater than applicable RCLs within shallow (within 5 feet of the ground surface) soil samples collected from both borings B-05-7 and B-05-8. PAHs were not reported at concentrations greater than applicable RCLs within deeper soil samples collected from each boring.

Based on comparison of the relative concentrations of individual PAH compounds within soil samples collected from the limits of shallow fill material and soil samples collected within the limits of MGP impacts (soil exhibiting strong petroleum odors or black staining, STS determined that the PAHs identified within shallow off-site soil samples (within the limits of the VPLE parcel) are associated with nonspecific industrial or historic filling activities and not the former MGP property. In a letter dated January 22, 2007, WDNR indicated that they generally agreed with this conclusion.

Final Case Closure with Continuing Obligations – WDNR, February 3, 2012

Following completion of additional groundwater monitoring and submittal of all required documentation, WDNR approved final case closure for the former MGP site in February 2012. The site was closed with continuing obligations including maintaining an engineered barrier over residual soil contamination and with groundwater impacts located within bedrock extending off-site (including beneath the subject property) at concentrations greater than applicable ch. NR 140 Enforcement Standards (ESs).

A copy of the GIS Registry Packet is included as **Appendix D**.

RCRA Administration Action Tracking System (RAATS):

RAATS contains records based on the enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. EDR did not identify the subject property in the RAATS database.

Hazardous Materials Incident Report System (HMIRS):	HMIRS contains a log of hazardous material spill incidents, which have been reported to the United States Department of Transportation. EDR did not identify the subject property in the HMIRS database.
PCB Activity Database:	PADS identifies generators, transporters, commercial storers and/or brokers, and disposers of polychlorinated biphenyls (PCBs) who are required to notify the EPA of such activities. EDR did not identify the subject property in the PADS database.
Facility Index System (FINDS):	The FINDS list contains facility information related to various environmental registrations and regulatory submissions performed by facilities including obtaining a hazardous waste generator number, annual reporting, etc. EDR did not identify the subject property in the FINDS database.
Toxic Release Inventory System (TRIS):	TRIS identifies facilities, which release toxic chemicals to the air, water, and land in "reportable quantities" under Title III of SARA. EDR did not identify the subject property in the TRIS database.
Toxic Substance Control Act (TSCA):	TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. EDR did not identify the subject property in the TSCA database.
Historical Auto Stations:	The EDR Historical Auto Stations list includes listings of potential gas station/filling station/service station establishments. EDR did not identify the subject property as a historical auto station site.
National Pollution Discharge Elimination System (NPDES) Permit Listing:	The NPDES database identifies properties with storm water permit information. EDR did not identify the subject property in the NPDES database.
Tier 2 Facility Listings (TIER 2):	The Tier 2 database includes listings of facilities which store or manufacture hazardous materials that submit an annual chemical inventory report. EDR did not identify the subject property in the Tier 2 database.
Orphan Summary:	Orphan sites are sites with incomplete addresses that could not be plotted on the EDR Radius Map. EDR reported four orphan sites in its Radius Map report. Based on the address information that was available for review, the sites are not located at or adjacent to the subject property and are not expected to impact the subject property.
Tier I Vapor Encroachment Screen:	Sigma conducted a Tier I Vapor Encroachment Screen (VES) in general conformance with the ASTM Standard 2600-10, Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, dated June 1, 2010.
	The purpose of the Tier I VES is to conduct an initial screening to identify a potential vapor encroachment condition (VEC) in the area of concern (AOC). A VEC is defined as the presence or likely presence of chemical(s) of concern vapors in the subsurface of the subject property, caused by the release of vapors from contaminated soil or groundwater either on or near the subject property.
	The Tier I VES is based on a review of regulatory databases, including but not limited to Federal, State, local, and tribal government records, as reported in the regulatory database report and based upon information obtained regarding historic and current use of the property. In addition, geographic location, distance, topography and hydrogeology, groundwater depth and flow information, local geology, and preferential migration pathways are reviewed and evaluated relative to the VES. Additionally, the Tier I VES was completed in general conformance with "Addressing Vapor Intrusion at Remediation & Redevelopment Sites Wisconsin" (RR-800) guidance published by the WDNR.

Potential VECs include a release from historical operations, identified fill material, a release from historical tank systems and off-site historical use/releases. It should be noted that the Tier I Vapor Encroachment Screen is not a formal assessment of indoor air quality and did not include testing or sampling.

#### **Physical Setting Sources**

United States Geological Survey Topographic Map:	Elevation: 812ft. above sea level  Topography with a general slope toward the southeast (fox River).  General vicinity slopes toward the east.
Regional Geology:	Sigma reviewed the WDNR case file for the Waukesha Coal Gas Site (MGP) located adjacent to the subject property for information concerning the geology and hydrogeology beneath the subject property.
	Subsurface lithology in the vicinity of the former MGP parcel consists of fill material (silt, sand, gravel, slag/cinders, brick and wood fragments) to depths between 4 to 7.5 feet, silt/clay varying in thickness between 2 to 10 feet, sand and gravel varying in thickness between 0 to 5 feet, and then weathered dolomite bedrock. Bedrock was generally encountered at depths between 14 to 16 feet bgs in soil borings completed within the subject property parcel.

# Historical Use Information on the Subject Property

parallel to the Fox River.

# Occupancy History – City Directories:

Regional Hydrogeology:

Available city directories, dating from 1964 to 2014, were provided in approximately five-year increments by Environmental Data Resources (EDR) for the subject property. A review of the city directories indicated that the subject property was historically occupied by family Heirlooms Antique Shop (210 bank St.), Waukesha Antique Mall (313 Bank St.), Morts Market of Waukesha (21 Bank St.), Riverpark/Woodside Community Church (210 Bank St.), Salvation Army (313 Bank St.), Goodwill (313 Bank St.), Sentry Foods (210 Bank St.), Waukesha State Bank (223 E. St. Paul Ave.), Farm & Fleet (313 Bank St.), Challenger Battery Service 203 & 229 E. St. Paul Ave.), A&P Food Store (313 Bank St.), Waukesha Auto Trim (213 Bank St.) and Wonderene Co. – wholesale & retail store (217 E. St. Paul Ave.). No other listings were available for the subject property parcels. Waukesha Auto Trim (automotive paint shop) likely performed operations with the use of hazardous materials and the generation and storage of hazardous waste. A release from historical operations could have negatively impacted the subject property. A copy of the City Directory report is presented in **Appendix E**.

Shallow groundwater elevations measured in monitoring wells installed at the

subject property parcel indicate depths to groundwater between 5 to 6 feet below grade. Shallow groundwater flow is generally towards the southwest,

#### Aerial Photographs:

Available photographs, obtained from EDR, were dated 1937, 1950, 1955, 1963, 1969, 1979, 1980, 1987, 1992, 2000, 2006, 2010, 2013 and 2017. Based on the scale and general nature of the historical photographs, only major development or construction projects could be confirmed.

The 1937 through 1955 photographs depict the subject property improved with railroad ROW and several structures (lumber company). Beginning with the 1963 photograph, the subject property is redeveloped with two larger commercial structures (one on the eastern border of the property and one in the center of the property) and smaller storefronts along St. Paul Avenue. The 1987 photograph no longer depicts the smaller structures along St. Paul Avenue. Beginning with the 2013 photograph, no structures are depicted on the subject property. No significant changes are depicted to the subject property in the remaining photograph. USTs, ASTs or specific RECs were not identified at the

subject property during the aerial photograph review. Copies of the photographs are included in **Appendix F**.

#### Certified Fire Insurance Maps:

Sigma contacted EDR for available Sanborn Fire Insurance maps depicting the subject property. Developed in the late 1800's, the maps were used until approximately the mid-1900s. EDR reported that Sanborn map coverage in the area of the subject property was available for 1884, 1890, 1895, 1901, 1911, 1917, 1922, 1929, 1949 and 1970.

The 1884 map depicts the subject property as undeveloped. The 1890 map depicts the subject property improved with railroad ROW, a dwelling and the Waukesha Novelty Co. (woodworking shop, storage & painting). The 1895 map depicts the subject property occupied by stock yards, railroad ROW, a dwelling and coal storage buildings. The 1901 map depicts the subject property occupied by the Wilbur Lumber Company with coal storage, a stock yard, railroad ROW and a dwelling. The 1911 map no longer depicts the stock yard, or the dwelling and the lumber company is expanded. A gas tank is depicted east of the Planing Mill on the eastern portion of the subject property in the 1929 map. The 1949 map depicts a welding company, a machine shop and two storefronts on the northwestern border of the subject property. The 1970 map depicts the subject property redeveloped with the River Park Shopping Center which included a store, a bank, an auto upholstery company, an auto repair facility and what appears to be a furniture store. Historical occupants likely performed operations with the use of hazardous materials and the generation and storage of hazardous waste. A release from the gas tank system depicted in the 1929 map or from historical operations could have negatively impacted the subject property via soil, groundwater or vapor. A copy of the Sanborn Map report is presented in Appendix G.

## Historical Use Information on Adjoining Properties

# Occupancy History – City Directories:

Available city directories, dating from 1964 to 2014, were provided in approximately five-year increments by Environmental Data Resources (EDR) for the adjoining properties. Historical occupants on Bank Street and East St. Paul Avenue in the vicinity of the subject property included a bank, retail stores, offices, salons/beauty parlors, dry cleaners (151 & 161 Bank St.) and residential properties. Based on the relative distance between the dry cleaner sites and the subject property, a release from off-site dry-cleaning operations could have negatively impacted the subject property via soil, groundwater or vapor. A copy of the City Directory report is presented in **Appendix E**.

#### Aerial Photographs:

Available photographs, obtained from EDR, were dated 1937, 1950, 1955, 1963, 1969, 1979, 1980, 1987, 1992, 2000, 2006, 2010, 2013 and 2017. Based on the scale and general nature of the historical photographs, only major development or construction projects could be confirmed.

A review of the aerial photographs indicated that subject property was located in an area of Waukesha that was fully developed by the 1937 photograph. The Waukesha Gas & Electric Company (manufactured gas plant (MGP)) is depicted to the northeast of the subject property in the 1937 through 1963 photographs. Lumber Company operations are depicted to the south and west of the subject property in the 1937 through 1955 photographs. Beginning with the 1963 photograph, the immediately adjoining properties appear to be going under redevelopment into retail/commercial uses from industrial/manufacturing. The current large Waukesha Metro Center building is depicted across St. Paul Avenue to the northwest of the subject property beginning with the 2006 photograph. With the exception of building additions/modifications, no significant changes are depicted to the adjoining properties in the remaining photographs. Offsite MGP operations have negatively impacted the subject property (discussed in Section 4). Copies of the photographs are included in **Appendix F**.

#### Certified Fire Insurance Maps:

Sigma contacted EDR for available Sanborn Fire Insurance maps depicting the subject property. Developed in the late 1800's, the maps were used until approximately the mid-1900s. EDR reported that Sanborn map coverage in the area of the subject property was available for 1884, 1890, 1895, 1901, 1911, 1917, 1922, 1929, 1949 and 1970.

A review of the maps indicated that the subject property was historically adjoined by St. Paul Avenue then dwellings to the northwest, the Waukesha Gas & Electric Company (manufactured gas plant (MGP)) to the northeast, Barstow Street then a welding company, storefronts, a warehouse and a dairy to the east, lumber company operations and the Fox River to the south and railroad ROW, a grain elevator and lumber company operations to the west. Offsite MGP operations have negatively impacted the subject property (discussed in Section 4). A copy of the Sanborn Map report is presented in **Appendix G**.

# 5. Site Reconnaissance

Sigma completed a walk-through of the subject parcel in accordance with the requirements of the ASTM Standard.

## Methodology and Limitations

Sigma conducted a limited inspection of the subject property to examine the site for visual signs of contamination. Observations of the subject property were made of readily accessible and visually apparent areas. Where observations were limited, Sigma renders no opinion as to the presence of hazardous substances, wastes or contamination potential.

Sigma recorded the following observations:

### Observations

Date of the site visit:	March 26, 2019
Weather Conditions:	38 Deg F; sunny skies
Staff Conducting the Visit:	Mr. Dale Palkowski
Hazardous Substances and Petroleum Products Not Necessarily Used in Connection with Identified Uses:	Not observed
Hazardous Substances and Petroleum Products in Connection with Identified Uses:	Not observed
Storage Tanks and Drums:	Not observed
Odors, Pools and Liquids, Stained Soil or Pavement, Stressed Vegetation:	Not observed
Hazardous Substances and Petroleum Products Not Necessarily Used in Connection with Identified Uses:	Not observed
Unidentified Substance Containers:	Not observed
Polychlorinated Biphenyls (PCBs):	Not observed
Wastewater Pits, Ponds or Lagoons:	Not observed
Wastewater:	Not observed
Solid Waste:	With the exception of wind-blown refuse, solid waste was not observed.
Heating:	Not applicable
Emergency Generators:	Not observed

Interior Stains or Corrosion:	Not applicable
Drains or Sumps:	Not observed
Other Observations:	None



**Photo 1**-View of the subject property from the northeast.



**Photo 2**-View of the subject property from the southeast.



**Photo 3**-View of the subject property from the northwest.



**Photo 4**-View of the subject property from the southwest.

#### 6. Interviews

In accordance with the ASTM Standard, Sigma attempted to interview relevant parties regarding current conditions and history of the property:

# Owner, Property Manager, Occupant Information:

Representatives from Waukesha State Bank and Waukesha Loan (owners of the subject property) with knowledge of the historical use of the subject property and any potential environmental concerns associated with the property, were not identified. In lieu of interviews, Sigma was provided a copy of a Phase I ESA report that was previously completed at 100 Bank Street, which includes a portion of the subject property. The report was discussed in Section 3.

# Interview with Local Government Officials:

#### Assessors' Office:

Representatives from the City of Waukesha assessor's department with historical knowledge of the subject property were not identified. In lieu of interviews, on March 26, 2019, Sigma reviewed available assessor records for the subject property at the Waukesha City Hall. A review of assessor records indicated that the subject property historically utilized the street addresses of 100, 151, 210 and 313 Bank (Cherry) Street and 100 Madison Street. Records of environmental significance were not identified. Records of historical significance included historical occupancy of the subject property by the Wilbur Lumber Company, Sentry Foods, a Goodwill Donation Center and a Salvation Army Thrift Store.

#### **Building Inspection Office:**

Representatives from the City of Waukesha building inspection department with historical knowledge of the subject property were not identified. In lieu of interviews, on March 26, 2019, Sigma reviewed available building inspection permits for the subject property (100, 151, 210 and 313 Bank (Cherry) Street and 100 Madison Street) at the Waukesha City Hall. Records of environmental significance included a permit, dated November 5, 1952, for the installation of a 275-gallon fuel oil tank at 100 Madison Street and a permit, dated Dec 20, 1955, for the installation of a 2,000-gallon fuel oil tank at 313 Bank Street. No further information regarding the tanks was available for review. A release from the tanks could have negatively impacted the subject property via soil, groundwater or vapor.

Records of historical significance included records indicating that the Wilbur Lumber Company buildings were razed in 1955, records indicating that the building located at 210 Bank Street was razed in 2013 and records indicating that the building located at 313 Bank Street was razed in 2014. Additionally, historical occupants included the Wilbur Lumber Company, Sentry Foods, Goodwill Donation Center, Woodside Community Church, Waldheim Furniture Store, Farm & Fleet, Atlantic & Pacific Tea Company, Waukesha Antique Mall and Salvation Army Thrift Store.

# Records of Environmental Significance:

Records of environmental significance included a permit, dated November 5, 1952, for the installation of a 275-gallon fuel oil tank at 100 Madison Street and a permit, dated Dec 20, 1955, for the installation of a 2,000-gallon fuel oil tank at 313 Bank Street. No further information regarding the tanks was available for review. A release from the tanks could have negatively impacted the subject property via soil, groundwater or vapor.

# Records of Historical Significance:

Records of historical significance included records indicating that the Wilbur Lumber Company buildings were razed in 1955, records indicating that the building located at 210 Bank Street was razed in 2013 and records indicating that the building located at 313 Bank Street was razed in 2014. Additionally, historical occupants included the Wilbur Lumber Company, Sentry Foods, Goodwill Donation Center, Woodside Community Church, Waldheim Furniture Store, Farm & Fleet, Atlantic & Pacific Tea Company, Waukesha Antique Mall and Salvation Army Thrift Store.

# 7. Findings

Sigma has identified the following findings based on the work outlined in this report:

Parcel Size:	Approximate 3.58 acres
Parcel(s) #:	An ALTA survey of the subject property, obtained from Campbell Capital Group, LLC, is included in <b>Appendix A</b> .
Site Address(es):	East St. Paul Avenue, Waukesha, Wisconsin
	The subject property historically utilized the street addresses of 100, 151, 210 and 313 Bank (Cherry) Street and 100 Madison Street.
Improvements at the time of the inspection:	Undeveloped
Construction Date(s):	Undeveloped
Current Use(s):	Unoccupied
Past Use(s):	Historical occupants of the subject property included the Waukesha Novelty Co. (woodworking shop, storage & painting), railroad ROW, stockyards, the Wilbur Lumber Company with coal storage, a machine shop, a welding company, an auto repair facility, Waukesha Auto Trim (automotive paint shop) and retail stores/offices.
Historical Use Findings:	As part of environmental site investigation activities at the adjacent Waukesha Coal Gas Site, fill soils were identified at the subject property.
	A review of City of Waukesha building inspection records identified a permit, dated November 5, 1952, for the installation of a 275-gallon fuel oil tank at 100 Madison Street and a permit, dated Dec 20, 1955, for the installation of a 2,000-gallon fuel oil tank at 313 Bank Street. Additionally, a gas tank was depicted on the eastern portion of the subject property in the 1929 Sanborn map. No further information regarding the tanks was available for review.
	A review of historical information indicated that occupants of the subject property included the Waukesha Novelty Co. (woodworking shop, storage & painting), railroad ROW, the Wilbur Lumber Company (with coal storage), a machine shop, an auto repair facility and Waukesha Auto Trim (automotive paint shop). Historical occupants likely performed operations with the use of hazardous materials and the generation and storage of hazardous waste.
	A review of city directories indicated that dry cleaners were historically located at 151 $\&$ 161 Bank St. (adjacent to the southeast of the subject property).
Database Findings:	A search of available environmental records was conducted by Environmental Data Resources Inc. (EDR). EDR identified the subject property (100, 210 & 313 Bank Street) in the Solid & Hazardous Waste Information Management System (SHWIMS) database. Details of waste disposal were not found; however, no violations were identified for the subject property.
	The EDR search identified several properties in the vicinity of the subject property on one or more of the environmental databases researched by EDR.
	The Waukesha Coal Gas Site located at 130 Barstow Street (adjacent to the northeast of the subject property) is a closed ERP site (BRRTS #02-68-000617) with soil and groundwater impacts. Groundwater impacts of benzene, ethylbenzene and naphthalene above state groundwater enforcement standards found in Chapter NR 140, Wisconsin Administrative Code extend to the subject property. Certain land use controls are in effect at the subject property. Responsibilities include obtaining WDNR approval before changing certain physical or land use conditions, including:

Proper handling and disposal of encountered impacted soils in accordance with state and federal requirements, if disturbance cannot be avoided. This land use control is to address impacts that are associated with historic fill soils at the subject property. Special construction standards for any water supply well constructed on the subject property may be required along with WDNR approval. Assessment of the subsurface environmental conditions on building construction methods if a building is constructed.

# 8. Opinions

Sigma offers the following opinion(s) based on the information identified during completion of this AAI Phase I ESA completed pursuant to ASTM Standard E1527-13:

Opinions:

As part of environmental site investigation activities at the adjacent Waukesha Coal Gas Site, fill soils were identified at the subject property. The fill soils could have negatively impacted the subject property via soil, groundwater or vapor.

A review of City of Waukesha building inspection records identified a permit, dated November 5, 1952, for the installation of a 275-gallon fuel oil tank at 100 Madison Street and a permit, dated Dec 20, 1955, for the installation of a 2,000-gallon fuel oil tank at 313 Bank Street. Additionally, a gas tank was depicted on the eastern portion of the subject property in the 1929 Sanborn map. No further information regarding the tanks was available for review. A release from the tank systems could have negatively impacted the subject property via soil, groundwater or vapor.

A review of historical information indicated that occupants of the subject property included the Waukesha Novelty Co. (woodworking shop, storage & painting), railroad ROW, the Wilbur Lumber Company (with coal storage), a machine shop, an auto repair facility and Waukesha Auto Trim (automotive paint shop). Historical occupants likely performed operations with the use of hazardous materials and the generation and storage of hazardous waste. A release from historical operations could have negatively impacted the subject property via soil, groundwater or vapor.

A review of city directories indicated that dry cleaners were historically located at 151 & 161 Bank St. (adjacent to the southeast of the subject property). Based on the relative distance between the sites and the subject property, a release from off-site dry-cleaning operations could have negatively impacted the subject property via soil, groundwater or vapor.

A search of available environmental records was conducted by Environmental Data Resources Inc. (EDR). EDR identified several properties in the vicinity of the subject property on one or more of the environmental databases researched by EDR. Based on the relative distance between the reported sites and the subject property and/or the reported site status, the identified sites are not expected to impact the subject property with the exception of the Waukesha Coal Gas Site.

The Waukesha Coal Gas Site located at 130 Barstow Street (adjacent to the northeast of the subject property) is a closed ERP site (BRRTS #02-68-000617) with soil and groundwater impacts. Groundwater impacts of benzene, ethylbenzene and naphthalene above state groundwater enforcement standards found in Chapter NR 140, Wisconsin Administrative Code extend to the subject property. Certain land use controls are in effect at the subject property. Responsibilities include obtaining WDNR approval before changing certain physical or land use conditions, including:

- Proper handling and disposal of encountered impacted soils in accordance with state and federal requirements, if disturbance cannot be avoided. This land use control is to address impacts that are associated with historic fill soils at the subject property.
- Special construction standards for any water supply well constructed on the subject property may be required along with WDNR approval.
- Assessment of the subsurface environmental conditions on building construction methods if a building is constructed.

The ERP site is considered a REC.

## 9. Conclusions

Sigma has performed an environmental site assessment, in conformance with the scope and limitations of ASTM Practice E 1527-13. Any exceptions to, or deletions from, this practice are described in Section 10 of this report. This assessment has not revealed evidence of RECs, CRECs or HRECs at the subject property:

# Recognized Environmental Conditions (RECs):

As part of environmental site investigation activities at the adjacent Waukesha Coal Gas Site, fill soils were identified at the subject property. The fill soils could have negatively impacted the subject property via soil, groundwater or vapor.

A review of City of Waukesha building inspection records identified a permit, dated November 5, 1952, for the installation of a 275-gallon fuel oil tank at 100 Madison Street and a permit, dated Dec 20, 1955, for the installation of a 2,000-gallon fuel oil tank at 313 Bank Street. Additionally, a gas tank was depicted on the eastern portion of the subject property in the 1929 Sanborn map. No further information regarding the tanks was available for review. A release from the tank systems could have negatively impacted the subject property via soil, groundwater or vapor.

A review of historical information indicated that occupants of the subject property included the Waukesha Novelty Co. (woodworking shop, storage & painting), railroad ROW, the Wilbur Lumber Company (with coal storage), a machine shop, an auto repair facility and Waukesha Auto Trim (automotive paint shop). Historical occupants likely performed operations with the use of hazardous materials and the generation and storage of hazardous waste. A release from historical operations could have negatively impacted the subject property via soil, groundwater or vapor.

Additionally, RECs associated with off-site properties were identified. Please note, with respect to the potential off-site issues, the State of Wisconsin created the "property affected by off-site discharges" exemption, s. 292.13, Wisconsin Statues, which limits the responsibilities of property owners when soil or groundwater contamination is confirmed to be migrating onto his or her property from off site. Property owners will not be responsible for taking appropriate environmental response actions if certain conditions are met. The RECs are as follows:

The Waukesha Coal Gas Site located at 130 Barstow Street (adjacent to the northeast of the subject property) is a closed ERP site (BRRTS #02-68-000617) with soil and groundwater impacts. Groundwater impacts of benzene, ethylbenzene and naphthalene above state groundwater enforcement standards found in Chapter NR 140, Wisconsin Administrative Code extend to the subject property. Certain land use controls are in effect at the subject property. Responsibilities include obtaining WDNR approval before changing certain physical or land use conditions, including:

- Proper handling and disposal of encountered impacted soils in accordance with state and federal requirements, if disturbance cannot be avoided. This land use control is to address impacts that are associated with historic fill soils at the subject property.
- Special construction standards for any water supply well constructed on the subject property may be required along with WDNR approval.
- Assessment of the subsurface environmental conditions on building construction methods if a building is constructed.

A review of city directories indicated that dry cleaners were historically located at 151 & 161 Bank St. (adjacent to the southeast of the subject property). Based on the relative distance between the sites and the subject property, a release from off-site dry-cleaning operations could have negatively impacted the subject

	property via soil, groundwater or vapor. A map depicting the approximate location of the RECs is included as <b>Appendix H</b> .
Controlled Recognized Environmental Conditions (CRECs):	ne
Historical Recognized Environmental Conditions (HRECs):	None

### 10. Miscellaneous

#### **Deviations**

There were no intentional deviations from or additions to standard practices identified in the ASTM standard for Phase 1 ESAs ASTM-1527-13 except as noted within this report.

#### **Significant Assumptions**

This report was prepared under constraints of cost, time, and scope, and reflects a limited assessment and evaluation rather than a total, complete, or extensive assessment and evaluation. Sigma's review was performed using the degree of care and skill ordinarily exercised under similar localities. No other warranty or guarantee, expressed or implied, is made as to the conclusions and recommendations included in this report.

The findings of this report, to the best of our knowledge, are valid as of the date of this review. However, changes in the conditions of a property can occur with the passage of time, whether due to natural processes or the works of man on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation, from the broadening of knowledge, or from other reasons. Accordingly, the findings of this report may be invalidated wholly or partially by changes outside our control.

Specified information contained in this report has been obtained from publicly available sources and other secondary sources of information produced by entities other than Sigma. Although care has been taken by Sigma in compiling the information, Sigma disclaims any and all liability for any errors, omissions, or inaccuracies of the third parties in such information and data, and for any consequences arising there from. The conclusions contained in this report are based upon information provided by the client, a limited on-site inspection, and our investigation of available public records and should not be considered legal advice. Latent conditions at the site are not known. The review did not include sampling of rock, soil, groundwater, surface water, air or all on-site substances or materials. It is, therefore, not possible to confirm the presence or absence of toxic or hazardous substances, wastes or materials in the environments associated with the site. Sigma makes no warranties, expressed or implied, as to marketability or fitness of the property for a particular purpose.

## **Limitations and Exceptions**

Conclusions in this report represent our professional judgment and are limited to those site conditions and potential impacts from neighboring properties that could be discovered under the scope of services authorized by the proposal. The conclusions presented were based on an inspection of the property and a review of relevant records.

Sigma attempted to review all reasonably ascertainable, practically reviewable information regarding the history of the subject property; however, data gaps were encountered during preparation of this report. It is Sigma's opinion that the data gaps do not significantly affect, as defined by ASTM E1527-13, the ability to identify recognized environmental conditions in connection with the subject property.

Additionally, Sigma attempted to review all pertinent regulatory agency files for the subject property and adjoining properties; however, time constraints limited the regulatory file review. Based on a review of on-

line, historical and municipal records, user and owner provided information and regulatory information provided by Environmental Data Resources (EDR) it is Sigma's opinion that the regulatory file review constraints do not significantly affect, as defined by ASTM E1527-13, the ability to identify recognized environmental conditions in connection with the subject property.

The conclusions and interpretations of this report do not collectively define all the risks associated with purchase or other use of the property. Should you, our client, or other interested parties, wish to further reduce the risks associated with undiscovered or unquantified environmental impacts, you may want to consider having additional assessment activities performed such as collecting and analyzing soil, groundwater, or other appropriate samples for compounds of relevant and particular concern, or complete other investigation activities as appropriate.

This report does not address or include regulatory compliance issues, cultural or historic resources, industrial hygiene, health and safety issues, ecological resources, endangered species, mold or indoor air quality. Further this report does not purport to identify or quantify asbestos, radon, lead-based paint, lead in drinking water, extremely low frequency radiation (ELF) or electromagnetic frequency radiation (EMF) on-site.

Based on Sigma's review of historic information available, manufacturing of PFAS/PFOA related products does not appear to have occurred at the subject property; additionally, manufacturing processes such as plating for example, or the manufacture of materials using PFAS as an active ingredient also does not appear to have occurred. While this does not preclude the use of products such as paints, polishes, and cleaning products that could have contained PFAS/PFOA, the use of such would likely be considered incidental and/or *de minimis* in nature.

## **Special Terms and Conditions**

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#### References

Published referenced sources relied upon in preparing this Phase I Environmental Site Assessment are as noted in the body of the report.

# 11. Signature of Environmental Professionals

We declare that, to the best of our professional knowledge and belief, we meet the definition of environmental professional as defined in section 312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. We have developed and performed the all appropriate inquires in general conformance with the standards and practices set forth in 40 CFR Part 312.

Dale R. Palkowski

Project Scientist

Randy E. Boness, P.G.

Manager, Geosciences Group

The Sigma Group, Inc Wisconsin. Project te	. is a full-service enviror am resumes are include	nmental consulting and in <b>Appendix I</b> .	and engineering firn	n located in Milwaukee



## FEMA MAP NOT TO SCALE Legend With BFE or Depth Some A.E. AO, AVL VE. AV. PECIAL FLOOD 0.2% Annual Chance Flood Hazard, Area of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zoo Future Conditions 1% Annual Chance Flood Hazard Zone # Area with Reduced Flood Risk due to Lovee, See Notes, Zonn X LOOD HAZARD Area with Flood Risk due to Levee Zone CB=N39\*15'59"E CH=266.63' R=1206.00' L=267.18' VICINITY MAP - NOT TO SCALE WAKC1305374 OWNER: HISTORIC PRAIRIEVILLE LP CB=S32\49\08"E CH=136.89 R=365.00' L=137.70'4 STORY MASONRY AND LOT. 3 NO BUILDINGS ON SURVEYED SITE LEGEND LOT 10 BLOCK L'ETTERED "B" AREAS OF 0.2% ANNUAL CHANCE BOLLARD + SOIL BORING/MONITORING WELL AREA: 125,969 SQ. FT. 2.8919 ACRES - SIGN AIR CONDITIONER B CONTROL BOX BLOCK LETTERED "P" 中 TRAFFIC SIGNAL CABLE PEDESTAL NORTH WEST ADDITION TO VILLAGE PRAIRIEVILLE BENCHMARK N. END TOP OF WALL Ø POWER POLE 人GUY POLE T GUY WIRE EL.=31,82' X LIGHT POLE ➤ SPOT/YARD/PEDESTAL LIGHT & HANDICAPPED PARKING © ELECTRIC MANHOLE ELECTRIC PEDESTAL ☐ ELECTRIC METER TELECTRIC TRANSFORMER TELEPHONE MANHOLE ] TELEPHONE PEDESTAL S80.15'23"W 79.50' UTILITY VAULT M GAS VALVE GAS METER S84'44'50"W 171.79' SGAS WARNING SIGN TAX KEY: WAKC1305370 STORM MANHOLE ROUND INLET OWNER: WAUKESHA STATE BANK SQUARE INLET STORM SEWER END SECTION EXCEPTION PER DOC. 2714229 S SANITARY MANHOLE SANITARY CLEANOUT OR SEPTIC VENT SANITARY INTERCEPTOR MANHOLE MISCELLANEOUS MANHOLE RRIGATION CONTROL BOX ⊗ WATER VALVE **W** HYDRANT © WATER SERVICE CURB STOP This survey was prepared based on American Land Title Association title commitment number 1811C0230, effective date of L WELL ₹ WATER SURFACE October 29, 2018, which lists the following easements and/or restrictions from schedule B-II: WETLANDS FLAG 1-4, 9, 20. Not survey related **▲** MARSH ★ CONIFEROUS TREE DECIDUOUS TREE 5-8. Visible evidence shown, if any SOUTHEAST CORNER LOT 1 BLOCK P -EDGE OF TREES 10. Waukesha Redevelopment Project No. 2 recorded on February 5, 1985 in Reel 655, Image 123, as Document No. 1285650. — — s –Sanitary sewer — — — sto-storm sewer Affects site by location - General in nature, cannot be plotted ----w-WATERMAIN ----- G -MARKED GAS MAIN 11. Utility Easement recorded on January 3, 1986 in Reel 727, Image 498, as Document No. 1327547. Does not affect site ----- ε −MARKED ELECTRIC ---OHW-OVERHEAD WIRES — · · · — в — BUREAU ELEC. SERV. 12. Reservation for easements set forth in a Warranty Deed recorded on January 13, 1986 in Reel 729, Image 269, as Document ----- T -MARKED TELEPHONE Campbell Capital Group, LLC, a Georgia limited liability company No. 1328553. Does not affect site American Land Title Association INDICATES EXISTING CONTOUR ELEVATION 13. Utility Easement recorded on August 17, 1988 in Reel 1031, Image 62, as Document No. 1495854. Does not affect site This is to certify that this map or plat and the survey on which it is based were made in accordance with the 2016 Minimum INDICATES EXISTING SPOT ELEVATION × 780.55 Standard Detail Requirements for ALTA/NSPS Land Title Surveys, jointly established and adopted by ALTA and NSPS and 14. Right-of-Way Grant recorded on April 23, 1990 in Reel 1194, Image 725, as Document No. 1587861. Affects site by location -WAUKESHA LOAN includes items 1, 2, 3, 4, 5, 7(a), 7(b), 8, 9, 11 and 13 of Table A thereof. WAUKESHA STATE BANK TO BE PURCHASED The fieldwork was completed on December 14, 2018. 15. Waukesha Redevelopment Plan - Waukesha Redevelopment District No. 5 recorded on May 7, 2001 as Document No. Date of Plat or Map: December 21, 2018 2650883. Affects site by location - General in nature, cannot be plotted DIGGERS HOTLINE TICKET #20184608455 Eric R. Sturm THE UNDERGROUND UTILITY INFORMATION AS SHOWN HEREON IS 16. Agreement Regarding Restrictive Covenants recorded on January 31, 2003 as Document No. 2922559. Affects site by location Professional Land Surveyor BASED. IN PART, UPON INFORMATION FURNISHED BY UTILITY - General in nature, cannot be plotted COMPANIES AND THE LOCAL MUNICIPALITY. WHILE THIS INFOR— Registration Number 2309 MATION IS BELIEVED TO BE RELIABLE, ITS ACCURACY AND eric.sturm@rasmith.com COMPLETENESS CANNOT BE GUARANTEED NOR CERTIFIED TO. 17. License Agreement recorded on January 31, 2003 as Document No. 2922560. Affects site by location - General in nature,

STURM

S-2309

**EAGLE** 

(P) INDICATES PIPE SIZES PER RECORD PLANS. OTHER PIPE

WITHOUT FURTHER VERIFICATION.

SIŹES ARE ESTIMATED. NO PIPE SIZES SHOULD BE RELIED UPON

cannot be plotted

nature, cannot be plotted

18. Permanent Limited Easement recorded on February 18, 2011 as Document No. 3818382. Affects site by location - Shown

19. Mineral rights reservation set forth in a Quit Claim Deed recorded on July 13, 1989 in Reel 1122, Image 527, as Document No. 1544790. Statement of Mineral Claim recorded on March 30, 2018 as Document No. 4331830. Affects site by location - General in

# ALTA/NSPS LAND TITLE SURVEY WITH TOPOGRAPHIC DATA

Known as East St. Paul Avenue, Waukesha, Wisconsin

All that part of Lots Six (6), Seven (7), Eight (8), Nine (9), Ten (10) and Eleven (11) in Block Lettered "P", NORTH WEST ADDITION TO VILLAGE PRAIRIEVILLE, all that part of the Northeast One-quarter (1/4) of Section Three (3), in Township Six (6) North, Range Nineteen (19) East, in the City of Waukesha, Waukesha County, Wisconsin, and all that part of Lots One (1) and Two (2) and all of Lots Three (3), Four (4), Five (5), Six (6), Seven (7), Eight (8), Nine (9) and Ten (10) in Block Lettered "B" in BERGELER'S ADDITION to the Village (now City) of Waukesha, Waukesha County, Wisconsin, described as follows, to-wit: Commencing at the Southeast corner of Lot 1 of said Block "P", thence North 39°33' West 39.00 feet; thence North 50°27' East along the Southeasterly line of Lots 3, 4, 5 and 6 of said Block "P" 263.67 feet to the point of beginning of the lands herein described; thence North 50°30' West 30.38 feet; thence North 49°33' East along the Southeasterly line of C.M. St. P & P R.R. right of way 106.66 feet; thence 182.52 feet along arc of curve to left of radius 3669.28 feet, chord bears North 48°07'33" East 182.51 feet; thence South 49°26' East along the Southwesterly line of vacated Mary Street 196.38 feet; thence North 63°09' East along the Southeasterly line of Cherry Street 371.59 feet; thence Southeasterly along arc of curve to right and along Southwesterly line of Barstow Street chord bears South 31°32'53" East 129.24 feet; thence South 20°39' East along said Southwesterly line 63.95 feet to the low water line of the Fox River; thence South 62°28' West along said low water line 185.73 feet; thence South 71°38' West along said low water line 85.83 feet; thence South 81°11' West 332.16 feet; thence South 55°01' West along said low water line 165.11 feet; thence North 33°01' West 102.99 feet; thence North 54°17' East 75.12 feet; thence North 50°30' West 120.00 feet to the point of beginning. Excepting therefrom those lands conveyed in a Quit Claim Deed recorded on March 16, 1998 in Reel 2618, Image 1140, as Document No. 2298447. Also excepting therefrom those lands conveyed in a Quit Claim Deed recorded on September 29, 1999 in Reel 2988, Image 10, as Document No. 2506669. Also excepting therefrom those lands conveyed in a Warranty Deed recorded on May 24, 2001 as Document No. 2658320. Also excepting therefrom those lands conveyed in a Warranty Deed recorded on October 26, 2001 as Document No. 2714229. Also excepting therefrom those lands conveyed in a Quit Claim Deed recorded on August 14, 2002 as Document No. 2832279. Also excepting therefrom those lands conveyed in a Quit Claim Deed recorded on March 21, 2003 as Document No. 2954971

## PARCEL

Part of Lots Seven (7), Eight (8), Nine (9) and Eleven (11) in Block Lettered "P", NORTH WEST ADDITION TO PRAIRIEVILLE, being a part of the Southeast One-quarter (1/4) of the Northeast One- quarter (1/4) of Section Three (3), in Township Six (6) North, Range Nineteen (19) East, in the City of Waukesha, Waukesha County, Wisconsin, bounded and described as follows: Beginning at the North corner of Lot 9, Block P, North West Addition to Prairieville; thence South 49°34'51" East along the Southwesterly line of Brehm Street 82.69 feet to a point on the Southerly line of lands described in Document No. 1549269; thence South 47°30' 26" West along said line 182.59 feet to a point; thence South 48°37'48" West along said line 101.83 feet to a point; thence South 50°57'00" East along said line

30.18 feet to a point; thence North 49°40'00" East 0.29 feet to a point; thence South 51°17'00" East along the Northeasterly line of lands described in Warranty Deed recorded as Document No. 716445 for a distance of 120.00 feet to a point; thence South 54°48' 50" West along said line 39.86 feet to a point; thence North 40°20'00" West and perpendicular to the Southeasterly line of East St. Paul Avenue 234.24 feet to a point; thence North 49°40'00" East along the aforesaid line 282.03 feet to the point of beginning.

## PARCEL B:

Part of Lots One (1), Two (2), Three (3), Four (4) and Five (5) in Block Lettered "Q", NORTH WEST ADDITION TO PRAIRIEVILLE and part Public Square adjacent, being a part of the Southeast One- quarter (1/4) of the Northeast One-quarter (1/4) of Section Three (3), in Township Six (6) North, Range Nineteen (19) East, in the City of Waukesha, Waukesha County, Wisconsin, bounded and described as follows: Commencing at the North corner of Lot 9, Block P, North West Addition to Village; thence North 49°02'58" East 50.86 feet to a point, thence South 51°28'30" East 6.04 feet to the Northeast corner of the intersection of East Saint Paul Avenue & Brehm Street and the point of beginning of lands to be described; thence Northeasterly 267.18 feet along Easterly line of East Saint Paul Avenue and an arc of a curve whose center lies to the Northwest, whose radius is 1206.00 feet, and whose chord bears North 40°44'29" East 266.63 feet to a point; thence North 81°54'40" East along said Easterly line 38.61 feet to a point in the Southerly line of NW Barstow Street; thence South 49°59'37" East along said Southerly line 73.99 feet to a point; thence South 40°38'14" West 295.35 feet to a point; thence North 50°00'01" West 99.95 feet to the point of beginning.

Prepared for: Campbell Capital Group Survey No. 167682-BDG

# A. Basis of Bearings

Bearings are based on the West line of the Northeast 1/4 of Section 3, Township 6 North, Range 19 East, which is assumed to bear North 00°33'13" East.

# B. <u>Title Commitment</u>

This survey was prepared based on American Land Title Association title commitment number 1811C0236, effective date of October 31, 2018, which lists the following easements and/or restrictions from schedule B-II:

1-4, 9, 22. Not survey related

# 5-8, 10, 19. Visible evidence shown, if any

11. Rights of the public in any portion of the subject premises lying below the ordinary high water mark of the Fox River, and the rights of the government to regulate the use of the shore and riparian rights. Affects site by location - General in nature, cannot be plotted

12. The policy, when issued, does not insure the exact location of any portion of the land created by gradual buildup of the shore (accretion) or the lowering of the water level (reliction), the title to land cut off by a change in the course of the water body (avulsion), or ownership of artificially filled land. Affects site by location - General in nature, cannot be plotted

13. Waukesha Redevelopment Project No. 2 - Redevelopment Plan recorded on February 5, 1985 in Reel 655, Image 123, as Document No. 1285650. Affects site by location - General in nature, cannot be plotted

14. Waukesha Redevelopment District No. 5 - Redevelopment Plan recorded on May 7, 2001 as Document No. 2650883. Affects site by location - General in nature, cannot be plotted

15. Ameritech Temporary Construction Easement recorded on April 6, 2001 as Document No. 2640011. Affects site by location -

16. Ameritech General Easement recorded on April 6, 2001 as Document No. 2640010. Does not affect site by location - Shown

17. Utility and Ingress and Egress Agreement recorded on March 16, 1998 in Reel 2618, Image 1141, as Document No. 2298448. Affects site by location - Shown

18. Easement recorded on May 8, 1991 in Reel 1300, Image 541, as Document No. 1647657. Affects site by location - Shown

20. Easement recorded on October 2, 1913 in Volume 139 of Deeds, Page 83, as Document No. 83166. Affects site by location - General in nature, cannot be plotted

21. Easement recorded on March 27, 1909 in Volume 125 of Deeds, Page 11, as Document No. 67960. Affects site by location - General in nature, cannot be plotted

# C. Flood Note

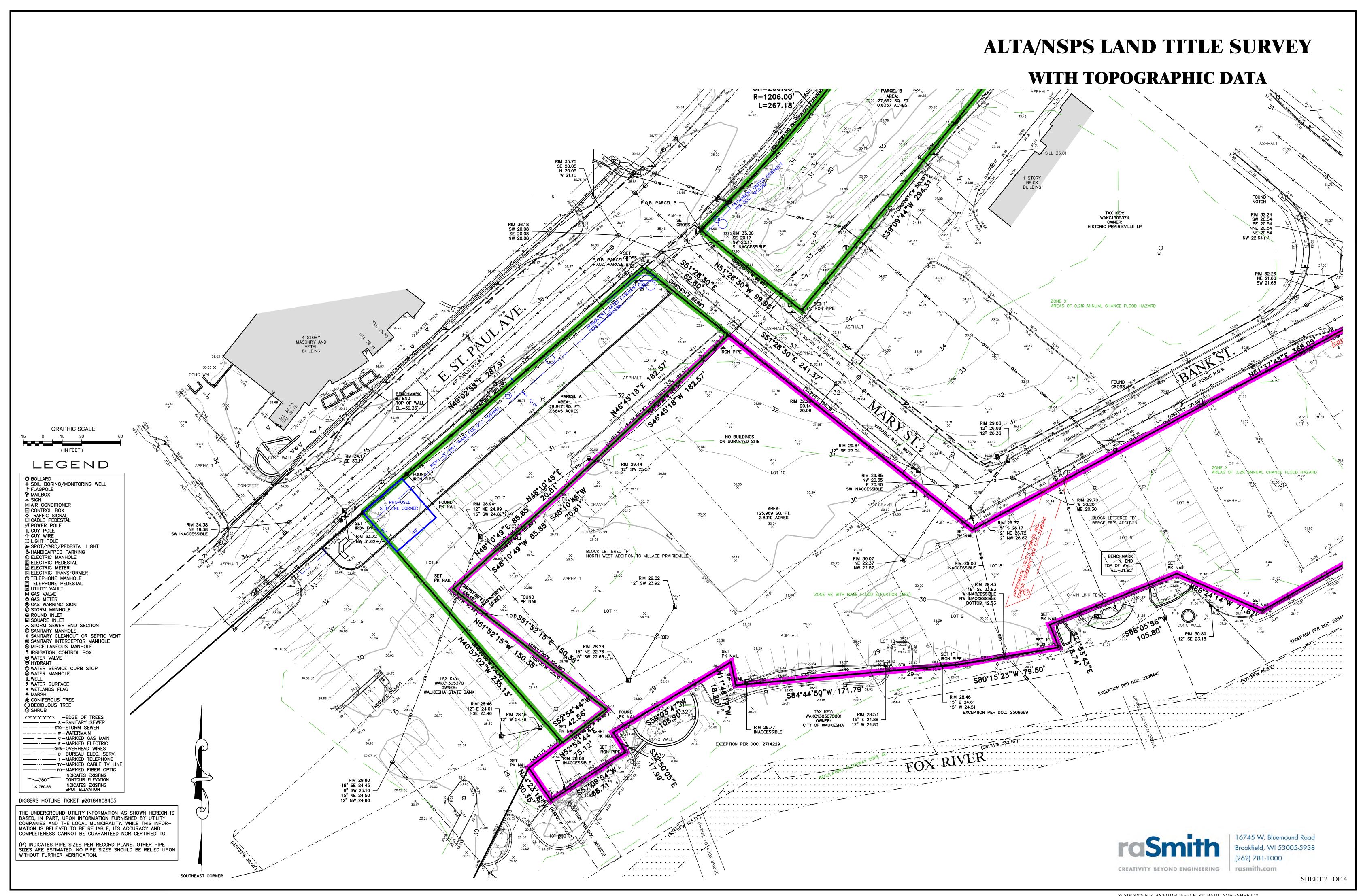
According to flood insurance rate map of the City of Waukesha, community panel number 55133C0213G, effective date of November 5, 2014, this site falls in Zone AE (Regulatory Floodway), and Zone X (0.2% Annual Chance Flood Hazard) See FEMA map image below.

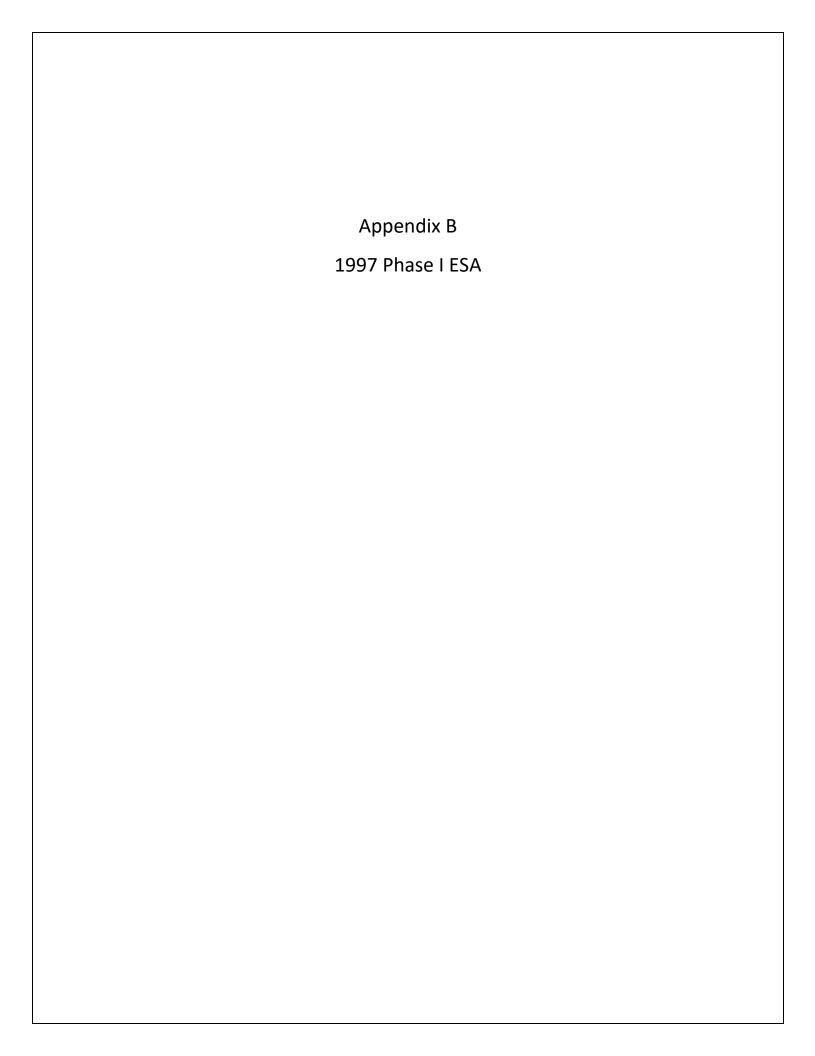
D. <u>Elevations</u>
Elevations refer to the City of Waukesha Datum.



16745 W. Bluemound Road Brookfield, WI 53005-5938 (262) 781-1000 rasmith.com

SHEET 1 OF 4







## midwest engineering services, inc.

geotechnical environmental materials engineers

## PHASE I ENVIRONMENTAL SITE ASSESSMENT

100 Bank Street
Waukesha, Wisconsin

Prepared for

Waukesha State Bank

P.O. Box 648

Waukesha, Wisconsin 53187

MES Project No. 7-71081

October 15, 1997

## midwest engineering services, inc.



205 Wilmont Drive Waukesha, WI 53186 414-521-2125 FAX 414-521-2471



October 15, 1997

Mr. Ty Taylor Waukesha State Bank 100 Bank Street P.O. Box 648 Waukesha, Wisconsin 53187

Subject: Phase I Environmental Site Assessment

100 Bank Street

Waukesha, Wisconsin MES Project No. 7-71081

Dear Mr. Taylor,

Midwest Engineering Services, Inc. is pleased to submit herewith the results of a Phase I Environmental Site Assessment conducted for the above referenced project. The results of the assessment, including pertinent observations and a summary of the findings can be found in the accompanying report, three (3) copies of which are included herein.

Should you have any questions regarding the contents of this report, or if we could be of any further assistance on this or other projects, please call at any time. Midwest Engineering appreciates the opportunity to be of service.

Sincerely yours,

MIDWEST ENGINEERING SERVICES, INC.

Shelley L. Hildebrandt, P.G.

Staff Geologist

Craig Zen**t**graf, RE.

Pepartment Manager

Environmental Services Department

James M. Becco, P.E.

Branch Manager

## PHASE I ENVIRONMENTAL SITE ASSESSMENT

100 Bank Street

Waukesha, Wisconsin

Prepared for

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P.O. Box 648

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#### INTRODUCTION

## <u>General</u>

This report presents the findings and conclusions of the Phase I Environmental Site Assessment performed on the property located at 100 Bank Street in Waukesha, Wisconsin. The assessment was performed for Waukesha State Bank, at the request of Mr. Ty Taylor.

### <u>Purpose</u>

This assessment was conducted for the purpose of evaluating the potential for environmental concerns on the subject property. These concerns are typically related to the overt or recorded disposal, manufacture, usage, or storage of hazardous materials or constituents, which might have had an adverse environmental impact upon the property.

#### <u>Scope</u>

The scope of services for this "Phase I" assessment included a visual walk-through reconnaissance of the property on one occasion; a review of various city, state and federal regulatory agency listings, files, records and databases; a review of aerial photographs, and other maps; informal interviews with various parties; and a description of adjacent properties as viewed from the subject site or public access points. Photographs which were taken as part of the site reconnaissance are included in the Appendix. An asbestos survey was not requested to be part of this assessment.

#### <u>Authorization</u>

Authorization to perform this assessment was in the form of a signed acceptance copy of MES Proposal No. 7-7291, dated September 17, 1997.

## **GENERAL QUALIFICATIONS**

Various terms, definitions and categorizations used to describe hazardous wastes, materials, or constituents are contained in numerous federal and state regulations, statutes, and other formal documents. A generalized usage of these terms, based on descriptive characteristics included ASTM Practice E1527-94 "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process", is intended in this report. As used herein, the terms are intended to refer to substances described as the range of contaminants within the scope of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) as defined in 42 USC 9601(35)(13), and to petroleum products which are described

as those substances included within the meaning of the petroleum exclusion to CERCLA, 42 USC 9601(14), as interpreted by the courts and the Environmental Protection Agency (EPA).

The conclusions presented in this report are formulated on the basis of a prescribed work scope, and are reliant upon the credibility of others and accuracy of information sources reviewed. Such limitations can result in a redirection of conclusions and interpretations where new or changed information is obtained. The walk-through survey was performed within the property boundaries, and the findings do not necessarily encompass potential contamination sources present on adjacent properties, or at concealed areas on the subject site.

This environmental site survey was conducted in general accordance ASTM Practice E1527-94 in a manner consistent with that level of care ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representations, expressed or implied, and no warranty or guarantee is included or intended in this report.

#### SITE OBSERVATIONS

## Site Location and Description

The subject site encompasses approximately 3.43 acres located at 100 Bank Street, in the City of Waukesha, Wisconsin. The site lies within the Southwest 1/4 of the Northeast 1/4 of Section 3 in Township 6 North, and Range 19 East of Waukesha County. The location of the subject parcel is shown on the Site Location Map (Figure 1) in the Appendix.

The subject site is an irregularly shaped parcel situated at a northeast-southwest angle, located along the west bank of the Fox River. At the time of the site visit, a two story concrete masonry unit (CMU) building with a full basement and a flat built-up asphalt roof was present on the southwestern end of the property. The southwestern corner of the building was built over the Fox River. Currently this building is occupied by the Waukesha State Bank and encompasses about 62,000 square feet. The rooms comprising the building were generally utilized as offices, conference rooms, bank service stations, storage rooms and mechanical Generally, the basement was used to store bank records. According to a representative of Waukesha State Bank, Mr. Dave Frazier, the southwestern portion of the building was built in 1955, with additions built to the north and west in the 1970s, 1980s and early 1990s. Natural gas fired furnaces, hot water heaters, water softeners, several large air handling units, and two sump pits were observed in five mechanical/boiler rooms, located in various areas of the building. Several one pint to five gallon containers of road salt, paint, paint thinner, boiler treatment, and household cleaners were observed in the mechanical rooms during the site visit. Generally, these containers were carefully stored and no obvious

evidence of leaks or spills was observed in the vicinity of these containers at the time of the site visit. Floor tile and pipe insulation, of the type typically found to contain asbestos, was observed in the basement, outside of and within the south boiler room #1. Several rooms were not accessed during the site visit, due to security reasons.

The remainder of the property surface was covered with an asphalt parking lot, which was relatively flat, except for an elevated landscaped area present along the northwestern property boundary. This area was about three to six feet higher than the parking lot, and a concrete retaining wall was present between the parking lot and the landscaped area. Currently, the subject site is serviced by underground natural gas, telephone, and electric lines, and underground water, sanitary sewer, and storm sewer lines. Overhead electric lines were observed near the southeastern and northeastern property boundaries. One pad mounted, and two pole mounted, electrical transformers were observed, therefore, the Wisconsin Electric Power Company (WEPCO), the owner of the transformers, was contacted to obtain information on the probability of these transformers to contain PCBs. WEPCO stated, in a written response, that there was a zero percent (0%) probability of the pad mounted transformer to contain PCBs, and a sixty four (64%) percent probability for each of the pole mounted transformers. The transformers appeared to be in good condition and no obvious evidence of leaks or corrosion was observed at the time of the site visit. Also, should any releases occur from these transformers WEPCO would be responsible for any investigation or remediation activities.

## <u>Adjacent Properties</u>

The subject site is located within an area of mixed commercial and residential properties. A description of the adjacent properties is provided below:

NORTH: Mary Street and a Sentry Food Store are located immediately north of the subject site, beyond which is a WEPCO electrical substation, a Hardees Restaurant, West St. Paul Avenue, and the Barstow Office Plaza.

SOUTH: Madison Street is located immediately south of the subject site, beyond which is a gravel parking lot, the Fox River, Edward D. Jones Investments, and Hannons Restaurant.

EAST: Immediately east of the subject site is a strip mall and the Fox River, beyond which is a bus terminal and shops located on West Main Street.

WEST: Immediately west of the subject site is East St. Paul Avenue, beyond which are private residences, two taverns, Automotive Cooling Specialists, Professional Auto Repair Service, and other commercial properties.

## REVIEW OF INFORMATION

## Aerial Photograph Review

A series of readily available aerial photographs (scale 1" = 400') dated 1963, 1967, 1970, 1975, 1980, 1985, 1990, and 1995 were obtained from the Southeastern Wisconsin Regional Planning Commission (SEWRPC) and reviewed as part of this assessment. The photographs can provide some insight into development trends in the general area of the site and to major changes in topographic features or uses of the property.

The original, southeastern corner of the Waukesha State Bank building can be observed on the subject site in the 1963 photo. A covered drive-through appears to extend from the building, about fifty feet to the north and west. Two other buildings can be also observed on the subject site in this photo. These buildings are located to the northwest of the Bank building. According to Mr. Ty Taylor of the Waukesha State Bank, these buildings were taverns that were present on the property when it was purchased in 1956. Also evident in the 1963 photo are railroad tracks present along the northwestern property boundary, to the south of St. Paul Avenue. At least five buildings are present on the subject site along this boundary, between the railroad tracks and St. Paul Avenue. According to Mr. Taylor these buildings were storage sheds for the Wilbur Lumber Company, which occupied the subject site previously. The subject site appears relatively unchanged in the 1967 and 1970 photos. In the 1975 photo, the small buildings reportedly occupied by taverns, are no longer present on the subject site. An addition to the original bank building can be seen in the area these small buildings formerly occupied. In addition, two or three of the storage sheds located along St. Paul Avenue appear to have been removed by this time. No significant changes can be observed on the subject site in the 1975 through 1980 photos.

In the 1990 photo, an addition to the northwest corner of the bank building can be observed extending towards St. Paul Avenue, across the railroad tracks. Disturbance of the ground surface on the west corner of the subject site can also be observed in this photo. This disturbance may be related to the construction of the addition. Another addition can be observed to the northeast side of the bank building in the 1995 photo, and the west property corner appears to be paved. Also, the storage shed buildings and railroad tracks are no longer present along the northwestern property boundary. This area appears as currently developed in this photo.

The adjacent West St. Paul Avenue, Madison Street, and Fox River appear relatively unchanged throughout the series of photos reviewed. The eastern and northern adjacent strip mall and Sentry Foods buildings, and the neighboring Goodwill Store building and WEPCO

electrical substation, appear as currently developed in the 1963 photo. These buildings remain relatively unchanged in the remaining photos reviewed.

The majority of the surrounding properties appear as currently developed in the 1963 photo. An apparent seventy five (75) foot diameter aboveground storage tank, and three buildings can be observed along Barstow Street in this photo. As discussed in later sections, this property was formerly occupied by Waukesha Coal Gas. The storage tank is no longer present in the 1967 photo, although the three buildings can be observed through the 1985 photo. This property is currently occupied by the Hardees Restaurant, which can be observed in the 1990 and 1995 photos. Numerous buildings are present on the current parking lot property, located to the south of Madison Street, in the 1963 through 1990 photos, numerous buildings are present on the current parking lot property, located to the south of Madison Street.

Some areas of surface disturbance were observed on the subject site, however, there were no widespread land feature changes or evidence of systematic landfilling (such as shadows indicative of deep vertical cuts), site development changes or other overt signs evident in the photos, related to potential hazardous materials presence or disposal on the subject site.

## Quadrangle Map Review

A review was made of U.S. Geological Survey Waukesha Quadrangle maps, dated 1959 and photorevised in 1971 and 1994. The maps indicate the subject site to be within a densely developed area of the City of Waukesha and individual buildings are generally not indicated. The 1971 revision does indicate the presence of the railroad tracks along St. Paul Avenue, including a spur which extends onto the northeastern portion of the subject site. The railroad tracks are no longer present on the 1994 revision. The contour lines indicate the surface of the subject site to be flat, with an elevation difference of ten feet between the subject site and the Fox River.

There were no indications on the map of any gravel pit or landfilling operations or other land uses which might be associated with the disposal, usage or storage of hazardous materials on the subject site.

## Soil Conservation Map Review

A review of the Soil Survey Map for Waukesha County, Wisconsin dated July 1971 and prepared by the U.S. Soil Conservation Service, indicates that the subject site is in an area that typically contains Loamy Land. This classification consists of fill areas, and cut or borrow areas. It is found mainly within cities or towns, where substantial development has occurred.

In fill areas the material can be somewhat variable, and may contain cinders, rocks, and concrete debris.

There were no indications of quarry or gravel pit operations, or surface dumping, landfill operations or other land uses associated with the disposal, usage, or storage of hazardous materials on the subject site.

## Sanborn Maps

Locally available Sanborn Fire Insurance Maps dated 1911, 1917, and 1929, corrected to 1950, were reviewed at the Waukesha Public Library as part of this assessment. On the 1911 map there are numerous buildings indicated to have been present on the subject site. Some of these buildings were occupied by an office, which was built on a stone pier over the Fox River; a meat vendor; an electric shop; and two other small businesses. The remaining businesses appear to have been lumber sheds belonging to the Wilbur Lumber Company. The railroad tracks indicated on the aerial photos and quadrangle maps are also shown. Also, a Grain Elevator and Feed Mill, and a flag house, are indicated to be present near the western corner of the subject site. The map indicates that the Grain Elevator and Feed Mill was powered by a gas engine, however no tanks are indicated on the property. The Wilbur Lumber Company buildings are indicated to have had steam heat, and a hot air supply fueled by coal, fuel and waste. The different heating systems may have been associated with different buildings or, more likely, with different years of operations. No tanks are indicated on this property on the 1911 map.

The subject site appears relatively unchanged on the 1917 map, although the flag house is no longer indicated to be present. On the 1929 map, (with changes noted to 1950) a paint shop is indicated to be present on the subject site, to the northeast of the previously mentioned vendors. The vendors are still present on the subject site, although the Feed Mill is indicated to be J.L. Davies & Sons Feeds & Flour. A machine shop and welding works is shown to the northeast, extending to Mary Street. There are no tanks indicated to have been present on the subject site on the maps reviewed.

Neighboring properties shown on these maps include oil and coal warehouses, filling stations, fuel supply depots, a foundry, Peoples Coal and Coke Company, Standard Oil Company, and the Waukesha Gas and Electric Company. Several above and underground petroleum storage tanks are indicated to have been present on these properties.

## Plat Map Review

Locally available plat maps for Waukesha County were reviewed at the Waukesha Public Library, as part of this assessment. The maps, published by Rockford Map Publishers, Inc., were dated 1973, 1975, 1978, 1980, 1982, 1987, 1990 and 1994. These publications provide past ownerships of the subject property at the time they were issued, however, they were not available for every year and therefore should not be considered a complete chain of ownership.

The subject site is shown within the City of Waukesha on all the plat maps reviewed, and individual ownerships are not shown.

## City of Waukesha Directories

City of Waukesha Directories from 1955 through 1993 were reviewed at approximately five year intervals at the Waukesha Public Library as part of this assessment. A review of the directories provides information regarding past ownership's or occupancy of the subject property, however, they should not be considered a complete chain of ownership.

Bank Street is not listed in the 1955 directory. Waukesha State Bank is listed at the address of 323 West Main Street in this directory. Waukesha State Bank is indicated to occupy 100 Bank Street in the remaining directories reviewed. Adelman Cleaners is listed at the address of 151 Bank Street in the 1960 through 1975 directories. This address is in the strip mall located on the eastern adjacent property.

## REVIEW OF STATE AND FEDERAL PUBLICATIONS

## "Registry of Waste Disposal Sites In Wisconsin"

This listing includes the location of known active and abandoned landfills in Wisconsin, and was reviewed for sites listed in Waukesha County. Inclusion on this list generally indicates that solid or hazardous waste has been or may have been deposited on the property identified; however, the DNR indicates that inclusion of a site on the Registry is not intended to suggest that environmental problems have occurred, are occurring, or will occur in the future. The potential environmental hazard, if any, is evaluated through the use of criteria established in the Wisconsin Administrative Code, Section NR 550.20 (5). Sites which are identified to cause or threaten to cause environmental pollution are then added to a separate inventory, discussed in a later section of this report. Neither the subject site nor any properties within a 1/2 mile radius were included in this listing.

# "Inventory of Sites or Facilities Which May Cause or Threaten to Cause Environmental Pollution"

The State report is an inventory of the sites which have caused or may cause environmental pollution, compiled by requirements of Wisconsin Statutes, Section 144.4242 (4) (a). The sites appearing on this inventory are prioritized by the State for eventual clean-up, and are ranked by the hazards they project to the public health. There were no such sites listed as of the December 1991 publication that were within a 1/2 mile radius of the subject site.

## "Wisconsin Environmental Repair Program, Hazard Ranking List"

The DNR is currently using the State Environmental Repair Fund, along with cooperating responsible parties to correct the uncontrolled release of contaminants to the environment. The Environmental Repair Fund provides for Federal and State funding to correct contamination problems, where such problems are not large enough to be eligible for remedial action under Superfund, but still endanger the public health, welfare and safety. These sites are placed upon the Hazard Ranking List and are assigned a score based upon the type of contaminants and the relative threat to public health and the environment.

The Hazard Ranking List is a dynamic list, which will change as sites are added or deleted. There were no sites named in this publication that were within a 1/2 mile radius of the subject site.

## "SEWRPC Technical Record, Volume 4, No. 3"

This publication, dated February 1982, was developed to provide a compilation of information related to general development considerations in the Southeastern Wisconsin area. The document contains a section which addresses environmental concerns, and includes several listings which were reviewed as part of this Phase I Environmental Site Assessment. The listings were compiled from information obtained collectively from SEWRPC inventories, DNR files, and Soil Conservation Survey Maps. The compilation dates for these sections are the most current available at this time. These sections include:

- "Selected Characteristics of Known and Proposed Solid Waste Landfills in Southeastern Wisconsin"; 1980
- "Selected Characteristics of Known Municipal and Private Solid Waste Incinerators in Southeastern Wisconsin"; 1980

- "Preregulation Landfills or "Dumps" that Are Known To Exist in Southeastern Wisconsin"
- "Solid Waste Disposal Sites in Southeastern Wisconsin Known to Contain Toxic and Hazardous Material"; 1977

Neither the subject site nor properties within 1/2 mile of the subject site were included on any of the lists outlined above.

### **DILHR Database**

The Department of Industry, Labor, and Human Relations computer database of registered underground storage tanks (USTs) and aboveground storage tanks (ASTs) was accessed to obtain information regarding the presence of tanks within the City of Waukesha. There were no underground or aboveground storage tanks registered on the subject site or immediately adjacent properties.

The closest neighboring properties with registered tanks are Edward D. Jones (344 West Broadway), and Professional Auto Repair Service (201 Madison Street). There are five (5) USTs registered for the Edward D. Jones property, located about 100 feet east of the subject site. The records indicate that these tanks, which ranged in capacity from 1000 to 4000 gallons, were installed in 1967 and removed in 1995. The tanks were used to store fuel oil, waste oil, and unleaded gasoline. There are six (6) USTs registered for Professional Auto Repair, located about 100 feet west of the subject site. These tanks were used to store waste oil, fuel oil and unleaded gasoline, and were removed in 1995. These properties will be discussed further in the following section.

## "Wisconsin DNR - Leaking Underground Storage Tanks (LUST) Database"

This listing is compiled at the local district of the DNR, and includes sites at which releases from underground storage tank systems have been reported. The listing includes the names of facilities, including gasoline stations, manufacturing plants, residential, agricultural, commercial and municipal properties from which known leaks have been reported. As of the September 2, 1997 listing, the subject site is not included in this listing. A review of the listings for properties located within about 1/2 mile of the subject site indicated that there are twenty eight registered LUST sites within this area. At the request of the client, information regarding only those sites within about 500 feet of the subject site was reviewed.

There are nine (9) LUST sites within this radius. Three of the sites, Waukesha Water Utility (132 East North Street), Edward D. Jones (344 West Broadway), and the Waukesha Fire

Station (130 West St. Paul), were closed in 1994 and 1997, respectively. This indicates that the DNR is not requiring further investigation or remediation on these sites at this time.

Soil contaminated with leaded gasoline and fuel oil was reported in 1992 at Berg Management (212 East North Street), located about 500 feet to the northwest. The Berg Management site has been referred to the Department of Commerce, indicating that groundwater has not been affected. Soil and groundwater contamination due to releases of leaded and unleaded gasoline, fuel oil, and waste oil, was reported at a Waukesha Park and Recreation property (234 Mary Street). This property is located about 500 feet north of the subject site. A review of the DNR file for this site was performed for another Phase I assessment conducted recently in the general area. These records indicated that the soil and groundwater contamination were confined to the Waukesha Park and Recreation property, and that the contaminated soil was removed from the site.

There is a second listing in this database for the Waukesha Water Utility, mentioned previously. This facility has two USTs registered in the DILHR database as still in use on this property. These tanks, a 5000 gallon diesel fuel storage tank, and a 12,000 unleaded gasoline storage tank, are indicated to have been installed in 1976 and 1962, respectively. Mr. Dave Heil, of the Waukesha Water Utility, was contacted regarding this reported release. He indicated that low concentrations of polynuclear aromatic hydrocarbons (PAH), and trichloroethylene were detected in soil samples collected near the fuel dispensers. Mr. Heil indicated that these compounds may be indicative of releases from other sources, and are not necessarily related to the present tanks. He stated that groundwater was not encountered in the borings performed, and therefore, was not tested. He also stated that the detected contamination was confined to the Water Utility property. Mr. Heil indicated that the current USTs were to be removed in 1998.

D & D Automotive Repair Service (105 East North Street), located about 450 feet northwest of the subject site reported soil and groundwater contamination in 1995. The removal of five USTs from this property was observed by MES in 1995, and tank assessments were performed. The tank assessments and subsequent site investigation indicated that soil and groundwater contamination has occurred, due to releases from the gasoline storage system. Groundwater contamination extends about twenty-five feet beyond the D & D Auto Repair property boundaries, to the east and south. Currently, removal of the most highly affected soils is planned in order to prevent additional groundwater contamination. Active groundwater remediation is not planned at this time, however it is anticipated that the groundwater quality at the D & D Auto site will be monitored for several years

The closest open LUST site which has been reported is at Professional Auto Repair Service (201 Madison Street), about 100 feet west of the subject site. MES also performed tank assessments and a site investigation on this property. In 1995, five gasoline, waste oil, and

fuel oil USTs were removed from this property. Visual observations and analytical sampling of soil and groundwater samples collected on-site indicated soil contamination from gasoline constituents, in concentrations exceeding DNR standards, to be present at the northern and eastern extent of the study area. Due to access limitations the study area did not extend beyond the northern or eastern boundaries of the Professional Auto Repair Service property. (towards Madison Street and St. Paul Avenue). The most recent tests of the groundwater collected from the monitoring well located closest to the subject site indicated concentrations of Benzene, Tetrachloroethene, and Trichloroethene, slightly in excess of their respective standards, to be present in the water collected from this well. A Risk-Based Corrective Action Evaluation performed by MES on the Professional Auto Repair Property indicated that it was unlikely that the affected soils would act as a secondary source for groundwater contamination, and that there was no threat to human health or welfare. At this time, no active remediation of the soils or groundwater is planned, and it has been recommended that the DNR consider this site for closure.

## Wisconsin DNR Spills Database

This document includes a listing of spills or illicit dumping, of varying volumes of known or suspected hazardous materials, petroleum products, or unidentified substances, which are reported to and subsequently investigated by the DNR. The database indicates no recorded spills at the subject site as of the September 1997 listing. Several spills of petroleum products into the Fox River have been reported in the vicinity of the subject site. There is also a spill which resulted from the deliberate dumping of four barrels of an unknown substance in 1986. This spill was reportedly at St. Paul Avenue, near the railroad tracks and the Fox River. No other details regarding the exact location of the spill are available.

## "Emergency and Remedial Response Program Case Tracking System"

This publication is a combination of information from the Registry of Waste Disposal Sites, a listing of the Active Responsible Persons, and data collected during formal and informal Wisconsin DNR observations or inspections. It also includes information on the location of "Sites Which Cause or Threaten to Cause Environmental Pollution". However, inclusion on the list does not necessarily indicate that contamination exists at the sites. The sites are scored and ranked by a system which evaluates the extent to which a site poses a danger to public health and the environment. As of September 2, 1997, the subject site was not included on this listing.

There are listings in this database for Waukesha Parks and Recreation Department (234 Mary St.) and Waukesha Coal Gas (130 North Barstow). The records indicate the Waukesha Parks and Recreation Department site to case to have been opened in 1980, with a low priority ranking. No further details regarding this site are available in the database. The Waukesha

Coal Gas facility reported a release of volatile organic compounds in 1988. However, this case is closed, indicating that the DNR is not requiring further investigation or remediation at this time.

## "National Priority List of Sites in Wisconsin"

The National Priority List (NPL) is a compilation of uncontrolled or abandoned hazardous waste sites which have been targeted for remediation under the EPA Superfund Program. As of June 1997, there were seven sites listed in Waukesha County, however none were within a one mile radius of the subject site.

## "Federal EPA RCRA Generator and TSD Sites"

The Resource Conservation and Recovery Act (RCRA) program of the Federal EPA, tracks hazardous waste from the point of generation to the point of disposal. The EPA compiles a database of reporting facilities which generate, store, transport, treat, or dispose of hazardous waste. A review of the July 1997 listing of the 53188 and 53186 zip code areas indicated that neither the subject site nor any immediately adjacent properties are included in this database. There are listings for many of the previously discussed LUST sites. Typically these listings relate to the disposal of tank sludge or contaminated soils related to tank removal activities.

There is also a listing in the database for the Barstow Plaza Project, at 111 through 117 North Barstow Street. This listing relates to cyanide contamination fill soils which were encountered during construction of the State Office Building and Barstow Plaza. This is discussed further in a subsequent section of this report.

The RCRA TSD (Treatment, Storage and/or Disposal facilities) listing contained no sites within a one mile radius of the subject site.

## "Federal EPA RCRA Violators/Enforcement Sites"

The listing of facility violators investigated by the EPA, and enforcement actions taken by the Agency under the RCRA program was reviewed as part of the assessment. There are no violations listed for either the subject site or neighboring properties.

## "Federal EPA Enforcement Docket"

The EPA Civil Enforcement Docket is a system which tracks civil judicial cases filed by the Department of Justice. It contains information on civil cases filed since 1972. A review of the April 1996 listing revealed no facilities within 1/4 mile of the subject property.

## "Federal EPA CERCLIS Database"

The CERCLIS is an automated inventory of known potential uncontrolled hazardous waste sites, based upon State investigation efforts and upon reports received by the US EPA under the Comprehensive Environmental Response Compensation and Liability Act. Some of these sites are being evaluated for inclusion on the National Priority List (Superfund). The subject site is not included in the June 1997 listing. There is a listing for the Waukesha County Technical College, located at 327 and 325 East Broadway. This is about one half mile southeast of the subject site. The database indicates that upon investigation of this site, either not contamination was found, the contamination was removed, or the contamination was not serious enough for this site to warrant action or consideration under the Federal Superfund.

## "Federal ERNS Database"

The EPA Emergency Response and Notification Systems (ERNS) is a database of information on releases of oil and hazardous substances initially reported to the federal government by any party. The ERNS combines data from the National Response Center and the EPA. A review of the July 1997 listing revealed no listings for the subject site.

There is a listing in this database for 210 Bank Street, which is the location of Sentry Foods. The records indicate that Pepsi Cola Bottling was responsible for the release of forty gallons of oil and diesel fuel on this property in 1993. Reportedly, booms and sorbents were used to contain and recover the fuel.

## "Federal EPA FINDS Sites"

The Facility Index System (FINDS) is a database of sites which the EPA has investigated, reviewed, or been made aware of as part of its various regulatory programs. Neither the subject site nor any of the adjacent properties were indicated on the July 1996 listing. The facilities discussed in the RCRA Generator and TSD Sites section are included in this database due to their inclusion on the Generator database.

## INTERVIEWS

### Current Owner

Representatives of Waukesha State Bank, Mr. Dave Frazier and Mr. Ty Taylor, were interviewed for this assessment. Mr. Frazier stated that the original portion of the bank building was built in 1955, with additions built in 1961, 1975, 1989 and 1990. He indicated

that the building had always been heated by natural gas and was currently serviced by City of Waukesha water and sanitary sewer lines.

Mr. Frazier stated that pipe wrap, floor tile and ceiling tile containing asbestos had previously been removed from the basement, and that other non-friable materials are known to still be present. Mr. Taylor stated that , prior to the purchase by the Bank, the subject site had been occupied by the Wilbur Lumber Company, and a few taverns. Both representatives indicated that fill placed on the subject site contained foundry sand, railroad ties, and miscellaneous debris. Neither representative was aware of the current or past presence of any aboveground or underground storage tanks, releases of petroleum products, or other known environmental problems, on the subject site. According to Mr. Frazier the Adelman Cleaners, formerly located on the eastern adjacent property, was only a collection point for clothing, which was transported to another location for processing.

## City of Waukesha Fire Department

Inspector Mike Brand of the City of Waukesha Fire Department was contacted regarding any emergency responses related to the cleanup of hazardous materials that had required the department's services on the subject site or surrounding properties. Inspector Brand was not aware of any hazardous material related responses that were conducted on, or in the vicinity of, the subject site, or of the current or past presence of any petroleum storage tanks. Inspector Brand was aware of the cyanide contamination encountered near the Fox River.

## City of Waukesha

The City director of Public Works, Mr. Paul Feller, was interviewed for this assessment. Mr. Feller indicated that he was aware of the contamination present on the Waukesha Parks and Recreation site, mentioned previously, and at various locations near the Fox River. Mr. Feller stated that cyanide contaminated fill soils were encountered during construction of the Barstow Plaza, the Hardees Restaurant, and the Lee Dreyfus Plaza. The Lee Dreyfus Plaza is the site currently under construction along the Fox River, near the eastern boundary of the subject site. Mr. Feller indicated that the cyanide is believed to have been generated by the Wisconsin Natural Gas Company, at the previously mentioned Waukesha Coal Gas facility. He also stated that it appears the cyanide was randomly dumped in various locations in this general area.

#### CONCLUSIONS

On the basis of the information gathered to date during the course of this assessment, there are several items which warrant further discussion.

## Former Occupants

A paint shop, a grain elevator and feed mill with a gas-powered engine, buildings utilizing fuel fired furnaces, railroad tracks, and possibly portions of a welding works and machine shop are known to have been present on the subject site in the past. The long term use of possibly hazardous materials at such facilities can result in incidental releases during normal operation. At the time of the site visit, no leaks or spills, and no obvious evidence of underground storage tanks was observed. Recognizing the limitations of Phase I Assessment and noting the time that has passed since some of these facilities were present, there are no obvious indications that the previous activities resulted in contamination of the subsurface. If further information is desired, a subsurface exploration would be required.

## Fill Materials

Fill materials, consisting of foundry sand, slag, glass, wood, railroad ties, and building rubble have been encountered during previous subsurface investigations performed by MES in the vicinity of the subject site. Similar fill soils were indicated to be present on the subject site by representatives of the Waukesha State Bank. In addition, cyanide has been detected in similar fill soils encountered on several surrounding properties, including a site currently under construction near the eastern boundary of the subject site. If additional information is required, subsurface testing would be necessary.

### <u>Other</u>

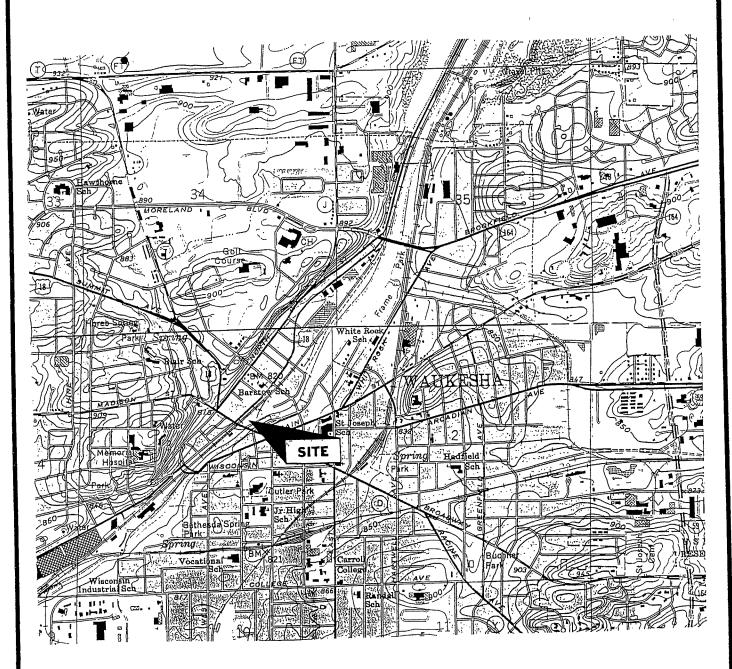
As previously mentioned, possible asbestos containing materials were observed in the basement of the Waukesha State Bank building. Suspect ACM roofing materials were also observed. Mr. Dave Frazier stated that previous asbestos abatement activities have occurred, during which the pipe wrap and floor tiles were confirmed to contain asbestos. There are no state, EPA, or OSHA regulations mandating removal of ACM from an office or commercial building, however, EPA (40 CFR Part 61, Subpart M) and OSHA (29CFR Part 1926) regulations require that asbestos be properly handled during renovation and demolition. In areas where ACM has been identified and is not to be completely removed immediately, the EPA recommends that a pro-active operations and maintenance (O & M) program be implemented. The O & M program should include repair of damaged ACM, clean-up of areas contaminated with ACM, training of employees and routine inspection of ACM.

## Recommendations

If investigation of the subsurface of the subject site related to the issues discussed above is desired, it is recommended that soil borings be performed in order to collect soil and

groundwater samples. Should contaminants be found to have migrated to the subject site from off-site sources, the DNR would typically require that any investigation or remedial activities be conducted by the party responsible for the release, provided the parties can be identified and remain financially solvent. In addition, it is believed that WEPCO (as a descendant owner of the former Waukesha Coal Gas facility) has participated in the cleanup of cyanide on neighboring properties. In such a case, the DNR would generally request (or require) that adjacent property owners (Waukesha State Bank) extend access permission to complete investigation or remedial activities, but typically would not hold them responsible for implementing or contributing monetarily to assessing or remediating contamination attributable to off-site sources.

# APPENDIX



USGS Waukesha Quadrangle Map





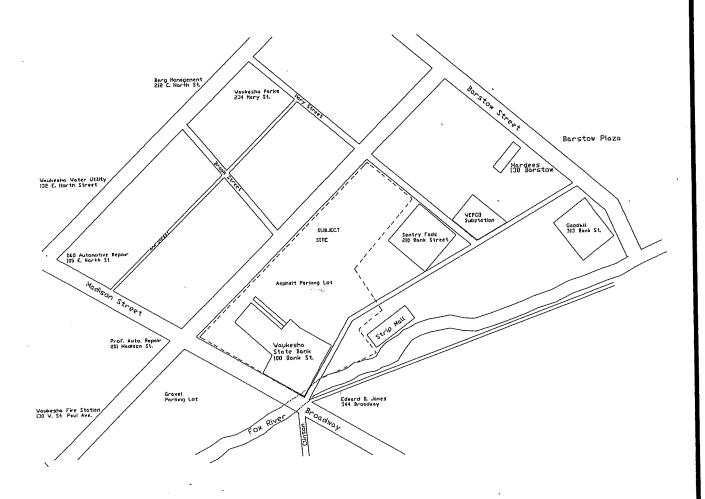
100 Bank Street Waukesha, Wisconsin

SITE LOCATION MAP

 $1'' = 2000' \pm$ 

Project Number: 7-71081

Date: 10/10/97





100 Bank Street Waukesha, Wisconsin

Site Area Diagram Phase I Environmental Site Assessment Scale: Not to Scale

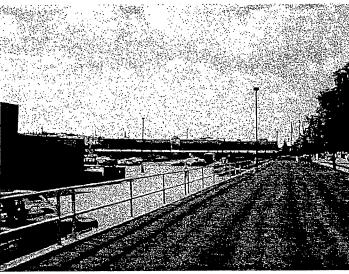
Project Number: 7-71081

Date: 10/10/97

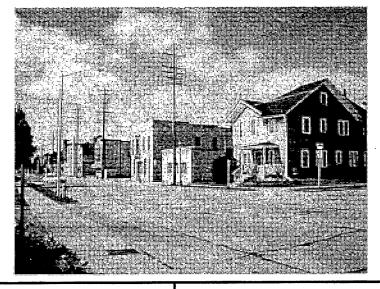
Drawn By: slh



1. View of the subject site from the southwest, looking northeast.



2. View of the subject site from the northeast, looking southwest.



3. View of the adjacent properties to the northeast; East St. Paul Avenue, Residential and Commercial Properties.



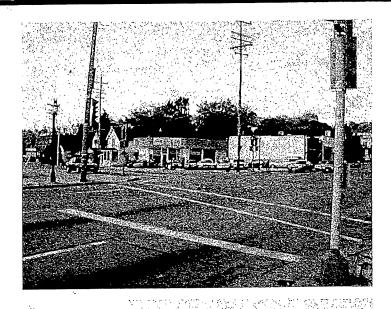
Phase I Environmental Site Assessment 100 Bank Street

SITE PHOTOGRAPHS

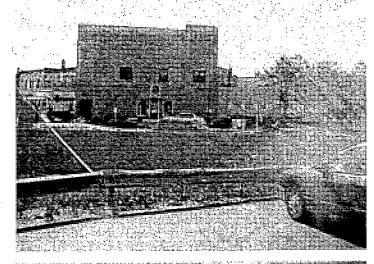
Project Number:

7-71081

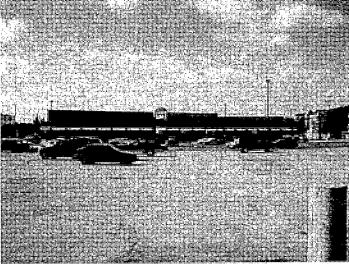
Initials:



4. View of the western adjacent and neighboring properties; Madison Street, Professional Auto Repair (LUST).



5. View of the southeastern adjacent properties: Fox River, Edward D. Jones (LUST), Salvation Army Thrift Store



6. View of the eastern adjacent properties; Strip Mall



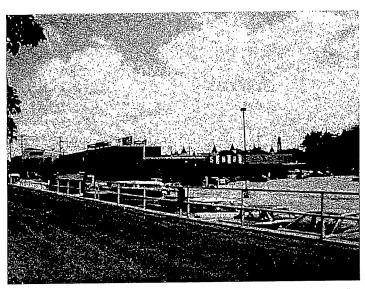
Phase I Environmental Site Assessment 100 Bank Street

SITE PHOTOGRAPHS

Project Number:

7-71081

Initials:



7. View of the adjacent properties to the northeast; Sentry Food Store.



8. Photo of the transformer observed near the eastern property boundary, along Fox River.



 Photo of the transformer observed near the northeastern property boundary, along Mary Street. WEPCO substation can be seen in the background.



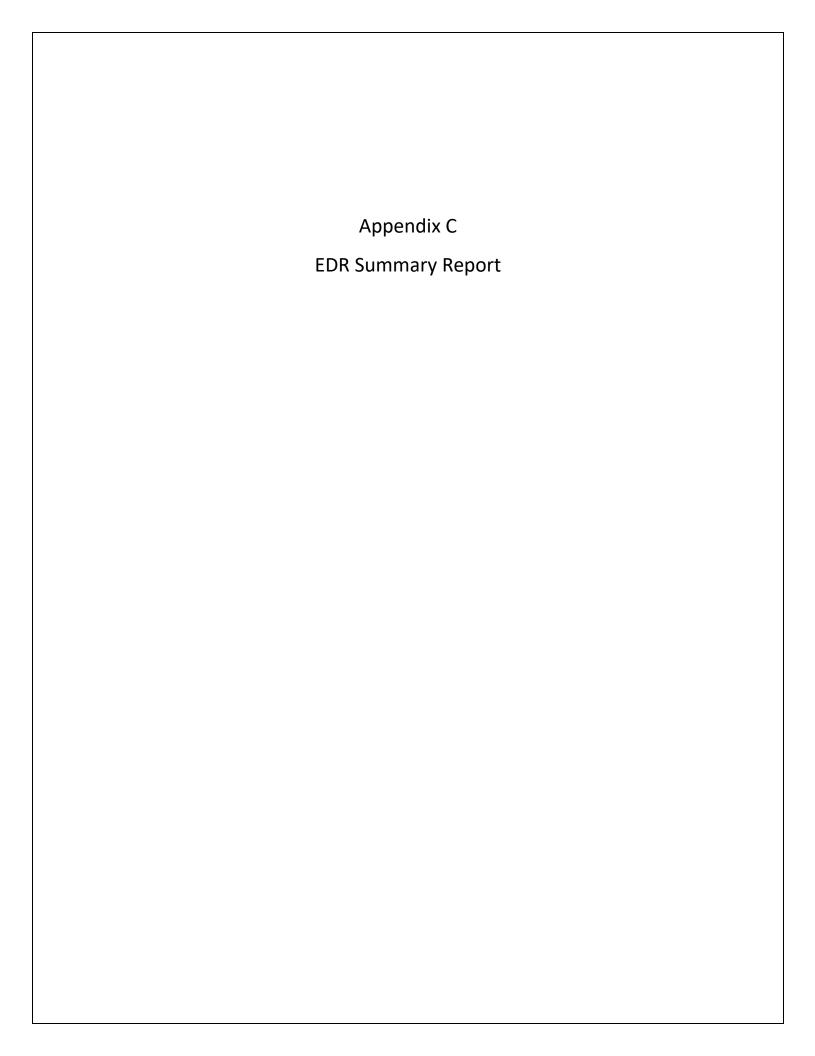
Phase I Environmental Site Assessment 100 Bank Street

SITE PHOTOGRAPHS

Project Number:

7-71081

Initials:



East St. Paul Avenue East St. Paul Avenue Waukesha, WI 53188

Inquiry Number: 5575612.2s

February 28, 2019

## **EDR Summary Radius Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

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**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

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#### **EXECUTIVE SUMMARY**

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

#### TARGET PROPERTY INFORMATION

#### **ADDRESS**

EAST ST. PAUL AVENUE WAUKESHA, WI 53188

#### **COORDINATES**

Latitude (North): 43.0131690 - 43° 0' 47.40" Longitude (West): 88.2317670 - 88° 13' 54.36"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 399618.8 UTM Y (Meters): 4762798.5

Elevation: 812 ft. above sea level

#### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property: TF

Source: U.S. Geological Survey

Target Property: SE

Source: U.S. Geological Survey

Target Property: SW

Source: U.S. Geological Survey

Target Property: NW

Source: U.S. Geological Survey

#### **AERIAL PHOTOGRAPHY IN THIS REPORT**

Portions of Photo from: 20150922, 20150915

Source: USDA

Target Property Address: EAST ST. PAUL AVENUE WAUKESHA, WI 53188

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1		210 EAST BANK ST.	ERNS	Higher	1 ft.
A2	210 BANK ST	210 BANK ST	SHWIMS	Higher	1 ft.
A3	220 E BANK ST	220 E BANK ST	SPILLS	Lower	1 ft.
B4	313 BANK ST	313 BANK ST	SHWIMS	Lower	1 ft.
B5	313 BANK ST (NEAR GO	313 BANK ST	SPILLS	Lower	1 ft.
A6	BANK STREET PROPERTI	210 BANK STREET 313	ASBESTOS	Higher	1 ft.
C7	BARSTOW PLAZA RIVER	111-117 N BARSTOW ST	SHWIMS	Lower	85, 0.016, ENE
8	212 E ST PAUL AVE (C	212 E ST PAUL AVE (C	SHWIMS	Higher	88, 0.017, NW
B9	WAUKESHA COAL GAS SI	130 BARSTOW	WI ERP, CRS, AUL, BROWNFIELDS, BRRTS	Higher	134, 0.025, NE
C10	SPIC & SPAN CLEANERS	922 N BARSTOW	EDR Hist Cleaner	Lower	176, 0.033, ESE
D11	SPIC & SPAN CLEANERS	920 N BARSTOW	EDR Hist Cleaner	Lower	183, 0.035, ESE
E12	WAUKESHA STATE BANK	100 BANK ST	AST	Lower	186, 0.035, SW
E13	100 BANK ST (WAUKESH	100 BANK ST (WAUKESH	SHWIMS	Lower	186, 0.035, SW
F14	EMERSON BUILDING	311-325 W ST PAUL AV	WI ERP, AUL, BROWNFIELDS, BRRTS	Higher	193, 0.037, North
E15	WAUKESHA REALTY DEVE	344 W BROADWAY	SHWIMS, LUST, RCRA NonGen / NLR, FINDS, ECHO	Lower	245, 0.046, SSW
E16	EDWARD D JONES & CO	344 W BROADWAY	UST	Lower	245, 0.046, SSW
G17	PFUDPUCKERS	921 FREIDMAN DR	UST	Lower	259, 0.049, South
D18	DISCOUNT LIQUORS	919 N BARSTOW ST	UST	Lower	265, 0.050, ESE
G19	THOMAS PRESS INC	920 FRIEDMAN DR	RCRA-CESQG, SHWIMS, FINDS, ECHO, MANIFEST	Lower	268, 0.051, South
H20	COMO HOTEL & BAR	116 E ST PAUL AVE	LUST	Higher	289, 0.055, West
H21	COMO HOTEL & BAR	116 E ST PAUL AVE	UST	Higher	289, 0.055, West
22	A PLUS	100 CORRINA BLVD	EDR Hist Auto	Higher	302, 0.057, East
23	SPEEDS BUILDING	234 W MAIN ST	UST	Lower	330, 0.062, SE
<b>I</b> 24	WAUKESHA PARK AND RE	234 MARY ST	SHWIMS, LUST, CRS, AUL, SPILLS, BRRTS	Higher	359, 0.068, NW
I25	WAUKESHA PARK AND RE	234 MARY ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	359, 0.068, NW
<b>I</b> 26	WAUKESHA PARKS & REC	234 MARY ST	UST	Higher	359, 0.068, NW
F27	WAUKESHA COUNTY COMM	210 NW BARSTOW STREE	SHWIMS	Higher	380, 0.072, North
F28	WAUKESHA FAMILIY PRA	210 NW BARSTOW ST	RCRA-CESQG	Higher	380, 0.072, North
F29	WAUKESHA FAMILIY PRA	210 NW BARSTOW ST	SHWIMS	Higher	380, 0.072, North
F30	WAUKESHA FAMILIY PRA	210 NW BARSTOW ST	MANIFEST	Higher	380, 0.072, North
F31	SUBURBAN N W CARWASH	169 N W BARSTOW	UST	Higher	382, 0.072, NNE
E32	FORMER RAILROAD DEPO	129 MADISON ST	UST, AST	Lower	382, 0.072, SW
D33	KFC RESTAURANT	170 W MAIN ST	UST	Higher	421, 0.080, ESE
D34	KENTUCKY FRIED CHICK	170 W MAIN ST	RCRA-CESQG, FINDS, ECHO	Higher	421, 0.080, ESE
D35	KENTUCKY FRIED CHICK	170 W MAIN ST	SHWIMS, LUST	Higher	421, 0.080, ESE
F36	CONSOLIDATED CAR WAS	169 N W BARSTOW ST	EDR Hist Auto	Higher	428, 0.081, NNE
F37	EXPRESS AUTO SPA	169 NW BARSTOW ST	LUST, CRS, AUL	Higher	428, 0.081, NNE
D38	BARSTOW & MAIN STATI	205 W MAIN ST	UST	Higher	437, 0.083, ESE
D39	EMPIRE OIL (FORMER)	205 W MAIN ST	LUST	Higher	437, 0.083, ESE

## Target Property Address: EAST ST. PAUL AVENUE WAUKESHA, WI 53188

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
D40	J & L OIL CO INC	205 W MAIN ST	EDR Hist Auto	Higher	437, 0.083, ESE
J41	KENNEDY KEVIN DDS	324 W MAIN ST	RCRA-CESQG, FINDS, ECHO	Higher	447, 0.085, SSW
J42	KENNEDY KEVIN DDS	324 W MAIN ST	SHWIMS	Higher	447, 0.085, SSW
H43	WALGREENS	230 MADISON ST	UST	Higher	471, 0.089, West
H44	WALGREENS	230 MADISON ST	SHWIMS, LUST, CRS, AUL, RCRA NonGen / NLR, FIND	S, Higher	471, 0.089, West
K45	KIRBY CO	145 E NORTH ST	UST	Higher	491, 0.093, WNW
H46	WAUKESHA REALTY DEV	201 MADISON ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	507, 0.096, WSW
H47	PROFESSIONAL AUTO RE	201 MADISON ST	UST	Higher	507, 0.096, WSW
H48	PROFESSIONAL AUTO RE	201 MADISON ST	WI ERP, SHWIMS, LUST, CRS, AUL	Higher	507, 0.096, WSW
J49	CITY OF WAUKESHA	346 W MAIN ST	UST	Lower	527, 0.100, SSW
H50	RAEBEL ALOYSIUS	214 MADISON ST	EDR Hist Auto	Higher	533, 0.101, West
H51	WHITMORE ENGINE SERV	214 MADISON ST	UST	Higher	533, 0.101, West
H52	REETZ PROPERTY	214 MADISON ST	LUST	Higher	533, 0.101, West
J53	NICE ASH CIGAR BAR	327 W MAIN ST	SHWIMS, MANIFEST	Higher	539, 0.102, SSW
J54	NICE ASH CIGAR BAR	327 W MAIN ST	RCRA NonGen / NLR	Higher	539, 0.102, SSW
K55	SIMMON MARTINEZ	147 E NORTH ST	UST	Higher	542, 0.103, WNW
K56	FRANK PADRAZA	124 NORTH ST	UST	Higher	551, 0.104, West
L57	AMERICAN FAMILY INSU	145 W MAIN ST	UST	Higher	575, 0.109, ESE
L58	AMERICAN FAMILY INSU	145 W MAIN ST	LUST	Higher	575, 0.109, ESE
K59	WAUKESHA WATER UTILI	132 E NORTH ST	UST	Higher	580, 0.110, WNW
K60	WAUKESHA WATER UTILI	132 E NORTH ST	LUST	Higher	580, 0.110, WNW
M61	229 NW BARSTOW	229 NW BARSTOW	SHWIMS	Higher	583, 0.110, North
N62	AVALON SQUARE	222 PARK PLACE	UST	Higher	586, 0.111, SE
N63	DOUGLAS WILLIAM A	845 N BARSTOW	EDR Hist Auto	Higher	591, 0.112, ESE
N64	PROGRESS INC	238 W BROADWAY	EDR Hist Cleaner	Higher	614, 0.116, SSE
M65	235 NW BARSTOW	235 NW BARSTOW	SHWIMS	Higher	617, 0.117, North
O66	FORMER WAUKESHA FARM	125 W ST PAUL AVE	UST	Lower	652, 0.123, WSW
P67	BERG MANAGEMENT CO/S	212 E NORTH ST	SHWIMS, LUST, WI WRRSER	Higher	654, 0.124, NW
P68	WEBER BREWERY	212 E NORTH ST	UST	Higher	654, 0.124, NW
P69	BERG MANAGEMENT CO/S	212 E NORTH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	654, 0.124, NW
P70	SPRING CITY AUTO BOD	210 E NORTH ST	RCRA-CESQG, SHWIMS, FINDS, ECHO	Higher	670, 0.127, NW
71	D & D AUTOMOTIVE REP	105 E NORTH ST	UST	Higher	684, 0.130, West
K72	WAUKESHA WATER UTILI	115 DELAFIELD ST	SHWIMS, UST, RCRA NonGen / NLR, FINDS, ECHO	Higher	692, 0.131, WNW
M73	HOPSON SERVICE STATI	401 E NORTH ST	SHWIMS, LUST, CRS, AUL, WI WRRSER	Higher	695, 0.132, NNW
M74	401 MOBIL	401 E NORTH ST	UST, Financial Assurance	Higher	695, 0.132, NNW
M75	MIANS OIL CORP	401 E NORTH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	695, 0.132, NNW
O76	WARREN REAL ESTATE I	111 ANN ST	UST	Higher	704, 0.133, WSW
N77	WAUKESHA FREEMAN	811 BARSTOW ST	UST	Higher	711, 0.135, SE
N78	WAUKESHA FREEMAN	200 PARK PL	RCRA-CESQG, WI ERP, SHWIMS	Higher	716, 0.136, SE

Target Property Address: EAST ST. PAUL AVENUE WAUKESHA, WI 53188

MAP ID	SITE NAME	ADDRESS		ELATIVE LEVATION	DIST (ft. & mi.) DIRECTION
79	CITY OF WAUKESHA	390 W MAIN ST	UST	Lower	744, 0.141, SW
N80	WAUKESHA FREEMAN	801 N BARSTOW ST	WI ERP, SHWIMS, RCRA NonGen / NLR, FINDS, ECHO,	Higher	754, 0.143, SE
O81	FORMER HUNTER FUEL &	149 W ST PAUL AVE	UST, AST	Lower	797, 0.151, WSW
O82	FORMER CITIES SERVIC	155 W ST PAUL AVE	UST, AST	Lower	834, 0.158, WSW
P83	CITY OF WAUKESHA CIT	201 DELAFIELD ST	UST	Higher	836, 0.158, NW
P84	WAUKESHA CTY HALL	201 DELAFIELD ST	LUST, BRRTS	Higher	836, 0.158, NW
Q85	GOHR POWER	412 E NORTH ST	RCRA-CESQG, SHWIMS, LUST, FINDS, ECHO	Higher	849, 0.161, NNW
Q86	GOHR POWER CO	412 E NORTH ST	UST	Higher	849, 0.161, NNW
R87	WAUKESHA MEMORIAL HO	723 CLINTON	LUST	Higher	851, 0.161, South
R88	WAUKESHA MEMORIAL HO	723 CLINTON ST	UST	Higher	851, 0.161, South
S89	SOUTHEAST WISC REGIO	916 N EAST AVE	RCRA-CESQG, SHWIMS, FINDS, ECHO	Higher	866, 0.164, East
T90	237 MADISON ST	237 MADISON ST	SHWIMS	Higher	878, 0.166, WSW
91	INTELLIGRAPHICS INTE	741 N GRAND AVE	SHWIMS, RCRA NonGen / NLR, FINDS, ECHO	Higher	888, 0.168, South
U92	O'REILLY AUTO PARTS	1501 STH 164 S	RCRA-CESQG	Higher	897, 0.170, SE
U93	O'REILLY AUTO PARTS	1501 STH 164 S	SHWIMS	Higher	897, 0.170, SE
R94	TOTEM BOWL INC	714 CLINTON ST	UST	Higher	952, 0.180, SSW
T95	WAUKESHA CITY OF FIR	130 W SAINT PAUL AVE	SHWIMS, LUST, RCRA NonGen / NLR, FINDS, ECHO	Lower	954, 0.181, WSW
T96	CITY OF WAUKESHA FIR	130 W ST PAUL AVE	UST	Lower	954, 0.181, WSW
V97	ST JOSEPHS CHURCH	822 N EAST AVE	UST	Higher	965, 0.183, ESE
V98	ST JOSEPHS MEDICAL &	826 N EAST AVE	RCRA-CESQG, SHWIMS, MANIFEST	Higher	965, 0.183, ESE
W99	DIXON OIL INC (FORME	625 E ST PAUL AVE	SHWIMS, LUST, CRS, AUL, SPILLS	Higher	1002, 0.190, NNE
W100	DIXON OIL INC	625 E ST PAUL AVE	RCRA NonGen / NLR, MANIFEST	Higher	1002, 0.190, NNE
W101	DIXON OIL COMPANY	625 EAST ST PAUL AVE	WI ERP, AUL, VCP, BROWNFIELDS, BRRTS	Higher	1002, 0.190, NNE
W102	DIXON OIL INC	625 E ST PAUL AVE	UST, AST	Higher	1002, 0.190, NNE
X103	WAU WIS TRADING POST	511 E NORTH ST	UST	Higher	1003, 0.190, North
X104	MONAHAN, STEPHANIE	511 E NORTH ST	SHWIMS, BRRTS	Higher	1003, 0.190, North
X105	MONAHAN STEPHANIE	511 E NORTH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1003, 0.190, North
Y106	BILL RANKIN AUTO SVC	431 W MAIN ST	SHWIMS, RCRA NonGen / NLR, FINDS, ECHO, BRRTS	Lower	1017, 0.193, SW
Y107	RANKINS SERVICE	431 W MAIN ST	UST	Lower	1017, 0.193, SW
V108	COMPLETE FAMILY DENT	823 N EAST AVE	RCRA-CESQG, SHWIMS, FINDS, ECHO	Higher	1066, 0.202, ESE
Z109	SARATOGA HEIGHTS	120 CORRINA BLVD	UST, AST	Higher	1084, 0.205, ENE
Z110	WAUKESHA CNTY HOUSIN	120 CORRINA BLVD	SHWIMS, BRRTS	Higher	1084, 0.205, ENE
S111	GEORGE J HANACIK	110 ARCADIAN AVE	UST	Higher	1085, 0.205, ESE
AA112	AEROSHARP TOOL CO IN	122 SOUTH ST	SHWIMS, RCRA NonGen / NLR	Higher	1087, 0.206, SE
AB113	RANDYS IMPORT AUTO R	117 E MAIN ST	UST	Higher	1110, 0.210, East
AC114	WAUKESHA STATE BANK	W ST PAUL AVE VACANT	WI ERP, LAST, LUST, CRS, AUL	Lower	1116, 0.211, WSW
AD115	WISCONSIN BELL INC P	220 WISCONSIN AVE	RCRA-CESQG, SHWIMS, LUST, FINDS, ECHO, MANIFEST	, Higher	1130, 0.214, SSE
AD116	AT&T WISCONSIN	220 W WISCONSIN AVE	UST, AST	Higher	1130, 0.214, SSE
117	JUDY MAYER	415 BUENA VISTA AVE	UST	Higher	1140, 0.216, NNW

Target Property Address: EAST ST. PAUL AVENUE WAUKESHA, WI 53188

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AB118	SCOTTYS AUTO SALES	200 E MAIN	UST	Higher	1149, 0.218, East
AB119	RIGHT OF WAY	200 E MAIN	UST	Higher	1149, 0.218, East
AB120	SCOTTYS AUTO SALES	200 E MAIN	SHWIMS, LUST, RCRA NonGen / NLR, FINDS, ECHO	Higher	1149, 0.218, East
AA121	FERRIS TRAVEL	144 W BROADWAY	UST	Higher	1153, 0.218, SE
AD122	SCHLEY BALDWIN INS	204 WISCONSIN AVE	UST	Higher	1153, 0.218, SSE
V123	DR RICHARD OFFERMAN	817 N EAST AVE	UST	Higher	1165, 0.221, ESE
V124	OFFERMAN R E DR	817 N EAST AVE	SHWIMS	Higher	1165, 0.221, ESE
V125	OFFERMAN R E DR	817 N EAST AVE	RCRA-CESQG, FINDS, ECHO	Higher	1165, 0.221, ESE
AC126	GLENS AUTO BODY INC	200 W ST PAUL AVE	RCRA-CESQG, SHWIMS, FINDS, ECHO	Lower	1195, 0.226, WSW
AE127	JENDUSA PHARMACY-AUR	304 DELAFIELD ST	SHWIMS	Higher	1208, 0.229, NW
AA128	THE CARE CENTER	726 EAST AVE	WI ERP, MANIFEST	Higher	1221, 0.231, SE
AA129	THE CARE CENTER	726 EAST AVE	SHWIMS	Higher	1221, 0.231, SE
AE130	ONE HOUR MARTINIZING	310 DELAFIELD ST	RCRA-CESQG, WI ERP, SHWIMS, CRS, AUL, FINDS, EC	HO,Higher	1232, 0.233, NW
AF131	KURTSCH ROBERT DDS S	148 WISCONSIN AVE	RCRA-CESQG, FINDS, ECHO	Higher	1246, 0.236, SSE
AF132	KURTSCH ROBERT DDS S	148 WISCONSIN AVE	SHWIMS	Higher	1246, 0.236, SSE
AA133	WOMENS CENTER	726 N EAST AVE	UST	Higher	1246, 0.236, SE
AA134	R D WOODS CO (WOMENS	726 N EAST AVE SITE	RCRA NonGen / NLR	Higher	1246, 0.236, SE
AA135	R D WOODS CO WOMENS	726 N EAST AVE	SHWIMS	Higher	1246, 0.236, SE
AE136	SHELL FORMER WILLIAM	318 DELAFIELD ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1267, 0.240, NW
AE137	MOON'S AUTOMOTIVE RE	318 DELAFIELD ST	UST, AST	Higher	1267, 0.240, NW
AE138	WILLIAMS SHELL (FORM	318 DELAFIELD ST	SHWIMS, LUST, CRS, AUL	Higher	1267, 0.240, NW
AD139	JOHNSON TERRENCE DDS	217 WISCONSIN AVE ST	RCRA-CESQG, FINDS, ECHO	Higher	1268, 0.240, SSE
AD140	DENTAL OFFICE	217 WISCONSIN AVE ST	RCRA-CESQG, SHWIMS, FINDS, ECHO	Higher	1268, 0.240, SSE
AD141	JOHNSON, TERRENCE DD	217 WISCONSIN AVE ST	SHWIMS	Higher	1268, 0.240, SSE
AC142	TOMS HEATING SERVICE	212 W ST PAUL AVE	RCRA-CESQG, SHWIMS, LUST, FINDS, ECHO	Lower	1268, 0.240, WSW
AC143	TOMS HEATING SERVICE	212 W ST PAUL AVE	UST	Lower	1268, 0.240, WSW
AG144	CAR DOCTORS	215 W NORTH ST	SHWIMS, RCRA NonGen / NLR, FINDS, ECHO	Higher	1307, 0.248, WSW
145	SEIER RAYMOND	487 W MAIN ST	SHWIMS, LUST, SPILLS	Lower	1346, 0.255, SW
146	STAY-LITE LIGHTING I	222 W ST PAUL AVE	SHWIMS, BRRTS	Lower	1397, 0.265, WSW
147	BERTRAM RESIDENCE	420 NW BARSTOW ST	LUST, CRS, AUL	Higher	1407, 0.266, NW
AH148	EVANS CHARLES L DDS	717 N EAST AVE A	RCRA-CESQG, SHWIMS, FINDS, ECHO	Higher	1438, 0.272, SE
AH149	DAVIES ROBERT E	717 N EAST AVE B	RCRA-CESQG, SHWIMS, FINDS, ECHO	Higher	1438, 0.272, SE
AG150	PRECISION MOLD PLATI	131 EMILY ST	SHWIMS, RCRA NonGen / NLR, FINDS, ECHO	Higher	1450, 0.275, WSW
151	PARTS HUT INC	735 PLEASANT ST	WI ERP, CRS, AUL	Higher	1626, 0.308, ESE
AI152	MOBIL OIL CORP	101 E BROADWAY	SHWIMS	Higher	1666, 0.316, SE
AI153	MOBIL OIL CORP	101 E BROADWAY	LUST, SPILLS	Higher	1666, 0.316, SE
AI154	S F PETROLEUM	114 E BROADWAY	SHWIMS, LUST	Higher	1714, 0.325, SE
AJ155	315 ARCADIAN AVE	315 ARCADIAN AVE	SHWIMS	Higher	1742, 0.330, ESE
AJ156	RESIDENTIAL	319 ARCADIAN AVE	SHWIMS, ASBESTOS	Higher	1786, 0.338, ESE

Target Property Address: EAST ST. PAUL AVENUE WAUKESHA, WI 53188

MAP	SITE NAME	ADDRESS		RELATIVE	DIST (ft. & mi.) DIRECTION
ID Al157	SITE NAME BURAK PROPERY (FMR)	200 E BROADWAY	DATABASE ACRONYMS WI ERP, CRS, AUL	ELEVATION Higher	1794, 0.340, SE
AJ158	403 ARCADIAN AVE	403 ARCADIAN AVE	SHWIMS	Higher	1808, 0.342, ESE
AK159	OLDE ENGLISH FLOWER	210 E BROADWAY	SHWIMS, RCRA NonGen / NLR, FINDS, ECHO, BRRTS	Higher	1850, 0.350, SE
AL160	BAUER SCHMIDT BAYER	429 N GRAND AVE	SHWIMS, RCRA NonGen / NLR, FINDS, ECHO	Higher	1862, 0.353, South
AJ161	WHITE AIRE ENGINE DI	405 ARCADIAN AVE	SHWIMS, LUST, LAST, CRS, AUL, RCRA NonGen / NLR,.	Higher	1875, 0.355, ESE
AM162	410 ARCADIAN AVE	410 ARCADIAN AVE	SHWIMS	Higher	1882, 0.356, East
AN163	VACANT MCGLENN PARCE	E MAIN ST AND N HART	WI ERP	Higher	1952, 0.370, East
AL164	CENTRAL MIDDLE SCHOO	400 N GRAND AVE	SHWIMS	Higher	2011, 0.381, South
165	FAMILY DOLLAR #6294	139 E BROADWAY	SHWIMS, BRRTS	Higher	2035, 0.385, SE
AK166	USPS WAUKESHA	300 E BROADWAY	WI ERP, SHWIMS, LUST, RCRA NonGen / NLR, FINDS,	Higher	2055, 0.389, SE
AM167	ARCADIAN SPRINGS APA	900 N HARTWELL AVE	LUST	Higher	2094, 0.397, East
AO168	SINDIC AUTO BODY	423 ARCADIAN AVE	SHWIMS, SPILLS, RCRA NonGen / NLR, FINDS, ECHO,	Higher	2102, 0.398, ESE
169	ZAMZOW HARVEY	1139 WHITEROCK AVE	SHWIMS, BRRTS	Higher	2103, 0.398, ENE
170	ARBYS 1353	235 E BROADWAY	SHWIMS, LUST, CRS, AUL, WI WRRSER	Higher	2145, 0.406, SE
AP171	CHOS TAE KWON DO CEN	1013 HARTWELL	LUST	Higher	2163, 0.410, East
AN172	RR CROSSING @ MAIN S	RR CROSSING @ MAIN &	WI ERP, SPILLS	Higher	2190, 0.415, ENE
AN173	TRAIN DERAILMENT	WI CENTRAL ROW MAIN	WI ERP	Higher	2195, 0.416, East
174	THE MEDICAL BLDG	403 N GRAND AVE	SHWIMS	Higher	2198, 0.416, South
AO175	GLEN ROCK MOTORS	808 N HARTWELL AVE	SHWIMS, LUST, UST	Higher	2225, 0.421, ESE
176	WAUKESHA QUICK MART	518 DELAFIELD ST	LUST, CRS, AUL, BROWNFIELDS, BRRTS	Higher	2236, 0.423, NW
AP177	KOSTUCK ROBERT	529 E MAIN ST	SHWIMS, LUST, WI WRRSER	Higher	2258, 0.428, East
AQ178	CARROLL COLLEGE	315 BARSTOW AVE	LUST, WI WRRSER	Higher	2314, 0.438, SSE
179	GENE ELDERS SERVICE	500 ARCADIAN AVE	SHWIMS, LUST, CRS, AUL, BRRTS, WI WRRSER	Higher	2324, 0.440, East
AQ180	CARROLL UNIVERSITY	316 N BARSTOW ST	BROWNFIELDS, BRRTS	Higher	2330, 0.441, SSE
AR181	WAUKESHA CNTY PUBLIC	325 E BROADWAY	SHWIMS	Higher	2430, 0.460, SE
AS182	LIBERTY GLASS/BOB SC	601 E MAIN ST	LUST, ASBESTOS	Higher	2435, 0.461, ENE
AR183	GTE AUTOMATIC ELECTR	327 E BROADWAY	SHWIMS	Higher	2437, 0.462, SE
AR184	WAUKESHA COUNTY TECH	327 E BROADWAY & 325	SEMS-ARCHIVE, CORRACTS, RCRA NonGen / NLR, 202	0 Higher	2437, 0.462, SE
185	NEW TRIBES BIBLE INS	915 N HARTWELL AVE	SHWIMS	Higher	2439, 0.462, East
AT186	GRAND AVENUE TOTAL G	304 N GRAND AVE	LUST, SPILLS, WI WRRSER	Higher	2473, 0.468, South
187	CYBROS BAKERY	417 BARNEY ST	BROWNFIELDS, BRRTS	Higher	2474, 0.469, SE
AS188	WI CENTRAL LTD	600-700 E MAIN ST	WI ERP	Higher	2504, 0.474, ENE
AT189	301 N GRAND AVE	301 N GRAND AVE	LUST, CRS, AUL	Higher	2535, 0.480, South
AS190	SCOTT OIL CO	612 E MAIN ST	WI ERP, SHWIMS, LUST, LAST, SPILLS	Higher	2575, 0.488, ENE
AS191	MCGLENN A LIMITED PA	612 MAIN ST	SHWIMS, RCRA NonGen / NLR, FINDS, ECHO	Higher	2575, 0.488, ENE
192	SPEEDWAY #4119	400 SUMMIT AVE	SHWIMS, LUST, UST, SPILLS, Financial Assurance	Higher	2592, 0.491, NW
193	WAUKESHA COUNTY MOOR	438 PROSPECT AVE	SHWIMS, MANIFEST	Higher	2597, 0.492, NNW
194	WAUKESHA COAL GAS SI	130 N. BARSTOW	EDR MGP	Higher	3344, 0.633, South
195	SCHAEFER BRUSH MFG C	1101 SOUTH PRAIRIE A	SEMS-ARCHIVE, CORRACTS, RCRA-CESQG, SHWIMS,	2020.Higher	5131, 0.972, SW

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

#### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### STANDARD ENVIRONMENTAL RECORDS

#### Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 12/13/2018 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA COUNTY TECH Site ID: 0506991 EPA Id: WID000808782	327 E BROADWAY & 325	SE 1/4 - 1/2 (0.462 mi.)	AR184	64

#### Federal RCRA CORRACTS facilities list

CORRACTS: A review of the CORRACTS list, as provided by EDR, and dated 03/01/2018 has revealed that there are 2 CORRACTS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA COUNTY TECH EPA ID:: WID000808782	327 E BROADWAY & 325	SE 1/4 - 1/2 (0.462 mi.)	AR184	64
SCHAEFER BRUSH MFG C EPA ID:: WID006075642	1101 SOUTH PRAIRIE A	SW 1/2 - 1 (0.972 mi.)	195	69

## Federal RCRA generators list

RCRA-CESQG: A review of the RCRA-CESQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 19 RCRA-CESQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA FAMILIY PRA EPA ID:: WIR000151977	210 NW BARSTOW ST	N 0 - 1/8 (0.072 mi.)	F28	15
KENTUCKY FRIED CHICK EPA ID:: WI0000051433	170 W MAIN ST	ESE 0 - 1/8 (0.080 mi.)	D34	16
<b>KENNEDY KEVIN DDS</b> EPA ID:: WI0000126789	324 W MAIN ST	SSW 0 - 1/8 (0.085 mi.)	J41	18
SPRING CITY AUTO BOD EPA ID:: WID981094568	210 E NORTH ST	NW 1/8 - 1/4 (0.127 mi.)	P70	26
WAUKESHA FREEMAN EPA ID:: WID102207644	200 PARK PL	SE 1/8 - 1/4 (0.136 mi.)	N78	29
<b>GOHR POWER</b> EPA ID:: WI0000322552	412 E NORTH ST	NNW 1/8 - 1/4 (0.161 mi.)	Q85	31
SOUTHEAST WISC REGIO EPA ID:: WID988593539	916 N EAST AVE	E 1/8 - 1/4 (0.164 mi.)	S89	32
O'REILLY AUTO PARTS EPA ID:: WIR000152272	1501 STH 164 S	SE 1/8 - 1/4 (0.170 mi.)	U92	33
ST JOSEPHS MEDICAL & EPA ID:: WIR000120527	826 N EAST AVE	ESE 1/8 - 1/4 (0.183 mi.)	V98	35
COMPLETE FAMILY DENT EPA ID:: WI0000117903	823 N EAST AVE	ESE 1/8 - 1/4 (0.202 mi.)	V108	39
WISCONSIN BELL INC P EPA ID:: WID980794325	220 WISCONSIN AVE	SSE 1/8 - 1/4 (0.214 mi.)	AD115	41
<b>OFFERMAN R E DR</b> EPA ID:: WI0000138750	817 N EAST AVE	ESE 1/8 - 1/4 (0.221 mi.)	V125	44
ONE HOUR MARTINIZING EPA ID:: WID982423733	310 DELAFIELD ST	NW 1/8 - 1/4 (0.233 mi.)	AE130	45
KURTSCH ROBERT DDS S EPA ID:: WI0000136150	148 WISCONSIN AVE	SSE 1/8 - 1/4 (0.236 mi.)	AF131	46
JOHNSON TERRENCE DDS EPA ID:: WI0000125831	217 WISCONSIN AVE ST	SSE 1/8 - 1/4 (0.240 mi.)	AD139	48
DENTAL OFFICE EPA ID:: WI0000117481	217 WISCONSIN AVE ST	SSE 1/8 - 1/4 (0.240 mi.)	AD140	49
Lower Elevation	Address	Direction / Distance	Map ID	Page
THOMAS PRESS INC EPA ID:: WI0000057653	920 FRIEDMAN DR	S 0 - 1/8 (0.051 mi.)	G19	12
GLENS AUTO BODY INC EPA ID:: WIR000000554	200 W ST PAUL AVE	WSW 1/8 - 1/4 (0.226 mi.)	AC126	44
TOMS HEATING SERVICE EPA ID:: WI0000148155	212 W ST PAUL AVE	WSW 1/8 - 1/4 (0.240 mi.)	AC142	49

### Federal ERNS list

ERNS: A review of the ERNS list, as provided by EDR, and dated 09/24/2018 has revealed that there is 1 ERNS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
Not reported NRC Report #: 175439	210 EAST BANK ST.	0 - 1/8 (0.000 mi.)	A1	8

### State- and tribal - equivalent CERCLIS

WI ERP: A review of the WI ERP list, as provided by EDR, and dated 11/01/2018 has revealed that there are 17 WI ERP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA COAL GAS SI Status: CLOSED Site Id: 4385000 Faclity ID: 268381740	130 BARSTOW	NE 0 - 1/8 (0.025 mi.)	В9	9
EMERSON BUILDING Status: OPEN Site Id: 18095900 Faclity ID: 268595030	311-325 W ST PAUL AV	N 0 - 1/8 (0.037 mi.)	F14	11
PROFESSIONAL AUTO RE Status: CLOSED Site Id: 4195700 Faclity ID: 268499220	201 MADISON ST	WSW 0 - 1/8 (0.096 mi.)	H48	21
WAUKESHA FREEMAN Status: CLOSED Site Id: 1015600 Faclity ID: 268212560	200 PARK PL	SE 1/8 - 1/4 (0.136 mi.)	N78	29
WAUKESHA FREEMAN Status: OPEN Site Id: 6457500 Faclity ID: 268530350	801 N BARSTOW ST	SE 1/8 - 1/4 (0.143 mi.)	N80	29
DIXON OIL COMPANY Status: CLOSED Site Id: 17751900 Faclity ID: 268590190	625 EAST ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W101	36
THE CARE CENTER Status: CLOSED Site Id: 2737000 Faclity ID: 268404950	726 EAST AVE	SE 1/8 - 1/4 (0.231 mi.)	AA128	45
ONE HOUR MARTINIZING Status: CLOSED Site Id: 1244100 Faclity ID: 268226090	310 DELAFIELD ST	NW 1/8 - 1/4 (0.233 mi.)	AE130	45
PARTS HUT INC	735 PLEASANT ST	ESE 1/4 - 1/2 (0.308 mi.)	151	53

WAUKESHA STATE BANK Status: CLOSED Site Id: 7610400 Faclity ID: 368009070	W ST PAUL AVE VACANT	WSW 1/8 - 1/4 (0.211 mi.)	AC114	40
Lower Elevation	Address	Direction / Distance	Map ID	Page
SCOTT OIL CO Status: CLOSED Site Id: 4403100 Faclity ID: 268113670	612 E MAIN ST	ENE 1/4 - 1/2 (0.488 mi.)	AS190	66
WI CENTRAL LTD Status: CLOSED Site Id: 4307800 Faclity ID: 268255130	600-700 E MAIN ST	ENE 1/4 - 1/2 (0.474 mi.)	AS188	66
TRAIN DERAILMENT Status: CLOSED Site Id: 7019500 Faclity ID: 268554880	WI CENTRAL ROW MAIN	E 1/4 - 1/2 (0.416 mi.)	AN173	61
RR CROSSING @ MAIN S Status: CLOSED Site Id: 17655900 Faclity ID: 268589750	RR CROSSING @ MAIN &	ENE 1/4 - 1/2 (0.415 mi.)	AN172	61
USPS WAUKESHA Status: CLOSED Site Id: 2300800 Faclity ID: 268312110	300 E BROADWAY	SE 1/4 - 1/2 (0.389 mi.)	AK166	58
VACANT MCGLENN PARCE Status: OPEN Site Id: 30325900 Faclity ID: 268673790	E MAIN ST AND N HART	E 1/4 - 1/2 (0.370 mi.)	AN163	57
Status: CLOSED Site Id: 29081900 Faclity ID: 268666090  BURAK PROPERY (FMR) Status: CLOSED Site Id: 19567900 Faclity ID: 268600970	200 E BROADWAY	SE 1/4 - 1/2 (0.340 mi.)	AI157	54

### State and tribal landfill and/or solid waste disposal site lists

SHWIMS: A review of the SHWIMS list, as provided by EDR, and dated 11/21/2018 has revealed that there are 81 SHWIMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
210 BANK ST FID: NONE Status: UNKNOWN	210 BANK ST	0 - 1/8 (0.000 mi.)	A2	8
212 E ST PAUL AVE (C	212 E ST PAUL AVE (C	NW 0 - 1/8 (0.017 mi.)	8	9

FID: NONE Status: UNKNOWN				
WAUKESHA PARK AND RE FID: 268350610 Status: OPERATING	234 MARY ST	NW 0 - 1/8 (0.068 mi.)	124	13
WAUKESHA COUNTY COMM FID: 268610430 Status: OPERATING	210 NW BARSTOW STREE	N 0 - 1/8 (0.072 mi.)	F27	15
WAUKESHA FAMILIY PRA FID: 368002140 Status: OPERATING	210 NW BARSTOW ST	N 0 - 1/8 (0.072 mi.)	F29	15
KENTUCKY FRIED CHICK FID: 268420900 Status: OPERATING	170 W MAIN ST	ESE 0 - 1/8 (0.080 mi.)	D35	17
KENNEDY KEVIN DDS FID: 268432780 Status: OPERATING	324 W MAIN ST	SSW 0 - 1/8 (0.085 mi.)	J42	19
WALGREENS FID: 268499880 FID: 268566870 Status: OPERATING	230 MADISON ST	W 0 - 1/8 (0.089 mi.)	H44	19
PROFESSIONAL AUTO RE FID: 268498230 Status: OPERATING	201 MADISON ST	WSW 0 - 1/8 (0.096 mi.)	H48	21
NICE ASH CIGAR BAR FID: 268619010 Status: OPERATING	327 W MAIN ST	SSW 0 - 1/8 (0.102 mi.)	J53	22
229 NW BARSTOW FID: NONE Status: UNKNOWN	229 NW BARSTOW	N 0 - 1/8 (0.110 mi.)	M61	24
235 NW BARSTOW FID: NONE Status: UNKNOWN	235 NW BARSTOW	N 0 - 1/8 (0.117 mi.)	M65	25
BERG MANAGEMENT CO/S FID: 268435310 Status: OPERATING	212 E NORTH ST	NW 0 - 1/8 (0.124 mi.)	P67	25
SPRING CITY AUTO BOD FID: 268179780 Status: OPERATING	210 E NORTH ST	NW 1/8 - 1/4 (0.127 mi.)	P70	26
WAUKESHA WATER UTILI FID: 268023800 Status: CLOSED	115 DELAFIELD ST	WNW 1/8 - 1/4 (0.131 mi.)	K72	27
HOPSON SERVICE STATI FID: 268452580 Status: OPERATING	401 E NORTH ST	NNW 1/8 - 1/4 (0.132 mi.)	M73	27
WAUKESHA FREEMAN FID: 268212560 Status: OPERATING	200 PARK PL	SE 1/8 - 1/4 (0.136 mi.)	N78	29
WAUKESHA FREEMAN	801 N BARSTOW ST	SE 1/8 - 1/4 (0.143 mi.)	N80	29

FID: 268530350 Status: OPERATING				
GOHR POWER FID: 268450490 Status: OPERATING	412 E NORTH ST	NNW 1/8 - 1/4 (0.161 mi.)	Q85	31
SOUTHEAST WISC REGIO FID: 268278340 Status: OPERATING	916 N EAST AVE	E 1/8 - 1/4 (0.164 mi.)	S89	32
237 MADISON ST FID: NONE Status: UNKNOWN	237 MADISON ST	WSW 1/8 - 1/4 (0.166 mi.)	T90	33
INTELLIGRAPHICS INTE FID: 268458740 Status: OPERATING	741 N GRAND AVE	S 1/8 - 1/4 (0.168 mi.)	91	33
O'REILLY AUTO PARTS FID: 268647830 Status: OPERATING	1501 STH 164 S	SE 1/8 - 1/4 (0.170 mi.)	U93	33
ST JOSEPHS MEDICAL & FID: 268534970 Status: OPERATING	826 N EAST AVE	ESE 1/8 - 1/4 (0.183 mi.)	V98	35
DIXON OIL INC (FORME FID: 268442130 Status: CLOSED	625 E ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W99	35
MONAHAN, STEPHANIE FID: 268305070 Status: OPERATING	511 E NORTH ST	N 1/8 - 1/4 (0.190 mi.)	X104	37
COMPLETE FAMILY DENT FID: 268430580 Status: OPERATING	823 N EAST AVE	ESE 1/8 - 1/4 (0.202 mi.)	V108	39
WAUKESHA CNTY HOUSIN FID: 999967540 Status: OPERATING	120 CORRINA BLVD	ENE 1/8 - 1/4 (0.205 mi.)	Z110	39
AEROSHARP TOOL CO IN FID: 268238300 Status: OPERATING	122 SOUTH ST	SE 1/8 - 1/4 (0.206 mi.)	AA112	40
WISCONSIN BELL INC P FID: 268159430 Status: OPERATING	220 WISCONSIN AVE	SSE 1/8 - 1/4 (0.214 mi.)	AD115	41
SCOTTYS AUTO SALES FID: 268543880 Status: OPERATING	200 E MAIN	E 1/8 - 1/4 (0.218 mi.)	AB120	42
OFFERMAN R E DR FID: 268436850 Status: OPERATING	817 N EAST AVE	ESE 1/8 - 1/4 (0.221 mi.)	V124	44
JENDUSA PHARMACY-AUR FID: 268569950 Status: OPERATING	304 DELAFIELD ST	NW 1/8 - 1/4 (0.229 mi.)	AE127	45
THE CARE CENTER FID: 268404950	726 EAST AVE	SE 1/8 - 1/4 (0.231 mi.)	AA129	45

Status: OPERATING				
ONE HOUR MARTINIZING FID: 268226090 Status: OPERATING	310 DELAFIELD ST	NW 1/8 - 1/4 (0.233 mi.)	AE130	45
KURTSCH ROBERT DDS S FID: 268437510 Status: OPERATING	148 WISCONSIN AVE	SSE 1/8 - 1/4 (0.236 mi.)	AF132	47
R D WOODS CO WOMENS FID: 268517260 Status: OPERATING	726 N EAST AVE	SE 1/8 - 1/4 (0.236 mi.)	AA135	47
WILLIAMS SHELL (FORM FID: 268350720 Status: OPERATING	318 DELAFIELD ST	NW 1/8 - 1/4 (0.240 mi.)	AE138	48
DENTAL OFFICE FID: 268430910 Status: OPERATING	217 WISCONSIN AVE ST	SSE 1/8 - 1/4 (0.240 mi.)	AD140	49
JOHNSON, TERRENCE DD FID: 268435420 Status: OPERATING	217 WISCONSIN AVE ST	SSE 1/8 - 1/4 (0.240 mi.)	AD141	49
CAR DOCTORS FID: 268415950 Status: OPERATING	215 W NORTH ST	WSW 1/8 - 1/4 (0.248 mi.)	AG144	50
EVANS CHARLES L DDS FID: 268430360 Status: OPERATING	717 N EAST AVE A	SE 1/4 - 1/2 (0.272 mi.)	AH148	52
DAVIES ROBERT E FID: 268433440 Status: OPERATING	717 N EAST AVE B	SE 1/4 - 1/2 (0.272 mi.)	AH149	52
FID: 268433440	717 N EAST AVE B	SE 1/4 - 1/2 (0.272 mi.) WSW 1/4 - 1/2 (0.275 mi.)		52 52
FID: 268433440 Status: OPERATING PRECISION MOLD PLATI FID: 268195730		,		
FID: 268433440 Status: OPERATING PRECISION MOLD PLATI FID: 268195730 Status: CLOSED MOBIL OIL CORP FID: 268281530	131 EMILY ST	WSW 1/4 - 1/2 (0.275 mi.)	AG150	52
FID: 268433440 Status: OPERATING  PRECISION MOLD PLATI  FID: 268195730 Status: CLOSED  MOBIL OIL CORP FID: 268281530 Status: OPERATING  S F PETROLEUM FID: 268480630	<b>131 EMILY ST</b> 101 E BROADWAY	WSW 1/4 - 1/2 (0.275 mi.) SE 1/4 - 1/2 (0.316 mi.)	<b>AG150</b> Al152	<b>52</b>
FID: 268433440 Status: OPERATING  PRECISION MOLD PLATI  FID: 268195730 Status: CLOSED  MOBIL OIL CORP FID: 268281530 Status: OPERATING  S F PETROLEUM FID: 268480630 Status: OPERATING  315 ARCADIAN AVE FID: NONE	131 EMILY ST  101 E BROADWAY  114 E BROADWAY	WSW 1/4 - 1/2 (0.275 mi.) SE 1/4 - 1/2 (0.316 mi.) SE 1/4 - 1/2 (0.325 mi.)	<b>AG150</b> AI152 <b>AI154</b>	<b>52</b> 53
FID: 268433440 Status: OPERATING  PRECISION MOLD PLATI FID: 268195730 Status: CLOSED  MOBIL OIL CORP FID: 268281530 Status: OPERATING  S F PETROLEUM FID: 268480630 Status: OPERATING  315 ARCADIAN AVE FID: NONE Status: UNKNOWN  RESIDENTIAL FID: NONE	131 EMILY ST  101 E BROADWAY  114 E BROADWAY  315 ARCADIAN AVE	WSW 1/4 - 1/2 (0.275 mi.)  SE 1/4 - 1/2 (0.316 mi.)  SE 1/4 - 1/2 (0.325 mi.)  ESE 1/4 - 1/2 (0.330 mi.)	<b>AG150</b> AI152 <b>AI154</b> AJ155	<b>52</b> 53 <b>54</b>
FID: 268433440 Status: OPERATING  PRECISION MOLD PLATI FID: 268195730 Status: CLOSED  MOBIL OIL CORP FID: 268281530 Status: OPERATING  S F PETROLEUM FID: 268480630 Status: OPERATING  315 ARCADIAN AVE FID: NONE Status: UNKNOWN  RESIDENTIAL FID: NONE Status: UNKNOWN  403 ARCADIAN AVE FID: NONE	131 EMILY ST  101 E BROADWAY  114 E BROADWAY  315 ARCADIAN AVE	WSW 1/4 - 1/2 (0.275 mi.)  SE 1/4 - 1/2 (0.316 mi.)  SE 1/4 - 1/2 (0.325 mi.)  ESE 1/4 - 1/2 (0.330 mi.)  ESE 1/4 - 1/2 (0.338 mi.)	AG150 AI152 AI154 AJ155 AJ156	<b>52</b> 53 <b>54</b> 54

FID: 268449500 Status: UNKNOWN				
WHITE AIRE ENGINE DI FID: 268519900 Status: OPERATING	405 ARCADIAN AVE	ESE 1/4 - 1/2 (0.355 mi.)	AJ161	56
410 ARCADIAN AVE FID: NONE Status: UNKNOWN	410 ARCADIAN AVE	E 1/4 - 1/2 (0.356 mi.)	AM162	57
CENTRAL MIDDLE SCHOO FID: 268286920 Status: OPERATING	400 N GRAND AVE	S 1/4 - 1/2 (0.381 mi.)	AL164	57
FAMILY DOLLAR #6294 FID: 268653550 Status: OPERATING	139 E BROADWAY	SE 1/4 - 1/2 (0.385 mi.)	165	58
USPS WAUKESHA FID: 268312110 Status: OPERATING	300 E BROADWAY	SE 1/4 - 1/2 (0.389 mi.)	AK166	58
SINDIC AUTO BODY FID: 268185940 Status: UNKNOWN	423 ARCADIAN AVE	ESE 1/4 - 1/2 (0.398 mi.)	AO168	59
ZAMZOW HARVEY FID: 268421560 Status: OPERATING	1139 WHITEROCK AVE	ENE 1/4 - 1/2 (0.398 mi.)	169	59
<b>ARBYS 1353</b> FID: 268468310 Status: CLOSED	235 E BROADWAY	SE 1/4 - 1/2 (0.406 mi.)	170	60
THE MEDICAL BLDG FID: 268330150 Status: CLOSED	403 N GRAND AVE	S 1/4 - 1/2 (0.416 mi.)	174	61
GLEN ROCK MOTORS FID: 268527160 Status: OPERATING	808 N HARTWELL AVE	ESE 1/4 - 1/2 (0.421 mi.)	AO175	61
KOSTUCK ROBERT FID: 268416940 Status: CLOSED	529 E MAIN ST	E 1/4 - 1/2 (0.428 mi.)	AP177	62
GENE ELDERS SERVICE FID: 268304850 Status: OPERATING	500 ARCADIAN AVE	E 1/4 - 1/2 (0.440 mi.)	179	63
WAUKESHA CNTY PUBLIC FID: 268298690 Status: OPERATING	325 E BROADWAY	SE 1/4 - 1/2 (0.460 mi.)	AR181	64
GTE AUTOMATIC ELECTR FID: 268157670 Status: OPERATING	327 E BROADWAY	SE 1/4 - 1/2 (0.462 mi.)	AR183	64
NEW TRIBES BIBLE INS FID: 998092370 Status: OPERATING	915 N HARTWELL AVE	E 1/4 - 1/2 (0.462 mi.)	185	65
<b>SCOTT OIL CO</b> FID: 268456650	612 E MAIN ST	ENE 1/4 - 1/2 (0.488 mi.)	AS190	66

Status: OPERATING				
MCGLENN A LIMITED PA FID: 268358200 Status: CLOSED	612 MAIN ST	ENE 1/4 - 1/2 (0.488 mi.)	AS191	67
SPEEDWAY #4119 FID: 268197710 Status: OPERATING	400 SUMMIT AVE	NW 1/4 - 1/2 (0.491 mi.)	192	67
WAUKESHA COUNTY MOOR FID: 268287910 Status: OPERATING	438 PROSPECT AVE	NNW 1/4 - 1/2 (0.492 mi.)	193	68
Lower Elevation	Address	Direction / Distance	Map ID	Page
313 BANK ST FID: NONE Status: UNKNOWN	313 BANK ST	0 - 1/8 (0.000 mi.)	B4	8
BARSTOW PLAZA RIVER FID: 268322230 Status: OPERATING	111-117 N BARSTOW ST	ENE 0 - 1/8 (0.016 mi.)	C7	9
100 BANK ST (WAUKESH FID: NONE Status: UNKNOWN	100 BANK ST (WAUKESH	SW 0 - 1/8 (0.035 mi.)	E13	10
WAUKESHA REALTY DEVE FID: 268498450 Status: OPERATING	344 W BROADWAY	SSW 0 - 1/8 (0.046 mi.)	E15	11
THOMAS PRESS INC FID: 268159760 Status: OPERATING	920 FRIEDMAN DR	S 0 - 1/8 (0.051 mi.)	G19	12
WAUKESHA CITY OF FIR FID: 268277570 Status: OPERATING	130 W SAINT PAUL AVE	WSW 1/8 - 1/4 (0.181 mi.)	T95	34
BILL RANKIN AUTO SVC FID: 268514840 Status: OPERATING	431 W MAIN ST	SW 1/8 - 1/4 (0.193 mi.)	Y106	38
GLENS AUTO BODY INC FID: 268474030 Status: OPERATING	200 W ST PAUL AVE	WSW 1/8 - 1/4 (0.226 mi.)	AC126	44
TOMS HEATING SERVICE FID: 268113450 Status: OPERATING	212 W ST PAUL AVE	WSW 1/8 - 1/4 (0.240 mi.)	AC142	49
SEIER RAYMOND FID: 268424970 Status: OPERATING	487 W MAIN ST	SW 1/4 - 1/2 (0.255 mi.)	145	50
STAY-LITE LIGHTING I FID: 998291470 Status: OPERATING	222 W ST PAUL AVE	WSW 1/4 - 1/2 (0.265 mi.)	146	51

## State and tribal leaking storage tank lists

LUST: A review of the LUST list, as provided by EDR, and dated 11/01/2018 has revealed that there are 42 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COMO HOTEL & BAR Facility Status: CLOSED Site Id: 6537900 Facility ID: 268534200	116 E ST PAUL AVE	W 0 - 1/8 (0.055 mi.)	H20	13
WAUKESHA PARK AND RE Facility Status: CLOSED Site Id: 2535800 Facility ID: 268350610	234 MARY ST	NW 0 - 1/8 (0.068 mi.)	124	13
KENTUCKY FRIED CHICK Facility Status: CLOSED Site Id: 2713200 Facility ID: 268420900	170 W MAIN ST	ESE 0 - 1/8 (0.080 mi.)	D35	17
EXPRESS AUTO SPA Facility Status: CLOSED Site Id: 26133900 Facility ID: 268136220	169 NW BARSTOW ST	NNE 0 - 1/8 (0.081 mi.)	F37	17
EMPIRE OIL (FORMER) Facility Status: CLOSED Site Id: 8030400 Facility ID: 268198920	205 W MAIN ST	ESE 0 - 1/8 (0.083 mi.)	D39	18
WALGREENS Facility Status: CLOSED Site Id: 4505400 Facility ID: 268499880	230 MADISON ST	W 0 - 1/8 (0.089 mi.)	H44	19
PROFESSIONAL AUTO RE Facility Status: CLOSED Site Id: 4195700 Facility ID: 268499220	201 MADISON ST	WSW 0 - 1/8 (0.096 mi.)	H48	21
REETZ PROPERTY Facility Status: CLOSED Site Id: 6584800 Facility ID: 268535960	214 MADISON ST	W 0 - 1/8 (0.101 mi.)	H52	22
AMERICAN FAMILY INSU Facility Status: CLOSED Site Id: 6897100 Facility ID: 268549490	145 W MAIN ST	ESE 0 - 1/8 (0.109 mi.)	L58	23
WAUKESHA WATER UTILI Facility Status: CLOSED Site Id: 4096600 Facility ID: 268525400	132 E NORTH ST	WNW 0 - 1/8 (0.110 mi.)	K60	24
BERG MANAGEMENT CO/S Facility Status: CLOSED Site Id: 2769300 Facility ID: 268435310	212 E NORTH ST	NW 0 - 1/8 (0.124 mi.)	P67	25
HOPSON SERVICE STATI	401 E NORTH ST	NNW 1/8 - 1/4 (0.132 mi.)	M73	27

Facility Status: CLOSED Site Id: 4066900 Facility ID: 268135340				
WAUKESHA CTY HALL Facility Status: CLOSED Site Id: 3965000 Facility ID: 268368980	201 DELAFIELD ST	NW 1/8 - 1/4 (0.158 mi.)	P84	31
GOHR POWER Facility Status: CLOSED Site Id: 2844400 Facility ID: 268450490	412 E NORTH ST	NNW 1/8 - 1/4 (0.161 mi.)	Q85	31
WAUKESHA MEMORIAL HO Facility Status: CLOSED Site Id: 4186100 Facility ID: 268495700	723 CLINTON	S 1/8 - 1/4 (0.161 mi.)	R87	32
PIXON OIL INC (FORME Facility Status: CLOSED Site Id: 2881000 Facility ID: 268442130	625 E ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W99	35
WISCONSIN BELL INC P Facility Status: CLOSED Site Id: 1095100 Facility ID: 268159430	220 WISCONSIN AVE	SSE 1/8 - 1/4 (0.214 mi.)	AD115	41
SCOTTYS AUTO SALES Facility Status: CLOSED Site Id: 6777700 Facility ID: 268543880	200 E MAIN	E 1/8 - 1/4 (0.218 mi.)	AB120	42
WILLIAMS SHELL (FORM Facility Status: CLOSED Site Id: 2536000 Facility ID: 268350720	318 DELAFIELD ST	NW 1/8 - 1/4 (0.240 mi.)	AE138	48
Facility Status: CLOSED Site Id: 28312000 Facility ID: 268510610	420 NW BARSTOW ST	NW 1/4 - 1/2 (0.266 mi.)	147	51
MOBIL OIL CORP Facility Status: CLOSED Site Id: 1475800 Facility ID: 268281530	101 E BROADWAY	SE 1/4 - 1/2 (0.316 mi.)	AI153	53
S F PETROLEUM Facility Status: CLOSED Site Id: 3099200 Facility ID: 268480630	114 E BROADWAY	SE 1/4 - 1/2 (0.325 mi.)	AI154	54
WHITE AIRE ENGINE DI Facility Status: CLOSED Site Id: 4760700 Facility ID: 268519900	405 ARCADIAN AVE	ESE 1/4 - 1/2 (0.355 mi.)	AJ161	56
USPS WAUKESHA Facility Status: CLOSED Site Id: 2300800 Facility ID: 268312110	300 E BROADWAY	SE 1/4 - 1/2 (0.389 mi.)	AK166	58
ARCADIAN SPRINGS APA	900 N HARTWELL AVE	E 1/4 - 1/2 (0.397 mi.)	AM167	59

WAUKESHA REALTY DEVE	344 W BROADWAY	SSW 0 - 1/8 (0.046 mi.)	E15	11
Lower Elevation	Address	Direction / Distance	Map ID	Page
SPEEDWAY #4119 Facility Status: CLOSED Site Id: 2418100 Facility ID: 268197710	400 SUMMIT AVE	NW 1/4 - 1/2 (0.491 mi.)	192	67
SCOTT OIL CO Facility Status: CLOSED Site Id: 2888500 Facility ID: 268456650	612 E MAIN ST	ENE 1/4 - 1/2 (0.488 mi.)	AS190	66
301 N GRAND AVE Facility Status: CLOSED Site Id: 13776600 Facility ID: 268580840	301 N GRAND AVE	S 1/4 - 1/2 (0.480 mi.)	AT189	66
GRAND AVENUE TOTAL G Facility Status: CLOSED Site Id: 3305400 Facility ID: 268134460	304 N GRAND AVE	S 1/4 - 1/2 (0.468 mi.)	AT186	65
LIBERTY GLASS/BOB SC Facility Status: CLOSED Site Id: 3622500 Facility ID: 268386580	601 E MAIN ST	ENE 1/4 - 1/2 (0.461 mi.)	AS182	64
GENE ELDERS SERVICE Facility Status: CLOSED Site Id: 2115900 Facility ID: 268304850	500 ARCADIAN AVE	E 1/4 - 1/2 (0.440 mi.)	179	63
CARROLL COLLEGE Facility Status: CLOSED Site Id: 3581600 Facility ID: 268378990	315 BARSTOW AVE	SSE 1/4 - 1/2 (0.438 mi.)	AQ178	63
Facility Status: CLOSED Site Id: 4065100 Facility ID: 268400440	529 E MAIN ST	E 1/4 - 1/2 (0.428 mi.)	AP177	62
WAUKESHA QUICK MART Facility Status: CLOSED Site Id: 4077000 Facility ID: 268133140	518 DELAFIELD ST	NW 1/4 - 1/2 (0.423 mi.)	176	62
GLEN ROCK MOTORS Facility Status: CLOSED Site Id: 4940500 Facility ID: 268527160	808 N HARTWELL AVE	ESE 1/4 - 1/2 (0.421 mi.)	AO175	61
CHOS TAE KWON DO CEN Facility Status: CLOSED Site Id: 4488600 Facility ID: 268501310	1013 HARTWELL	E 1/4 - 1/2 (0.410 mi.)	AP171	60
ARBYS 1353 Facility Status: CLOSED Site Id: 3037300 Facility ID: 268468310	235 E BROADWAY	SE 1/4 - 1/2 (0.406 mi.)	170	60
Facility Status: CLOSED Site Id: 4892900 Facility ID: 268523640				

Facility Status: CLOSED Site Id: 4484900 Facility ID: 268499770 WAUKESHA CITY OF FIR 130 W SAINT PAUL AVE WSW 1/8 - 1/4 (0.181 mi.) T95 34 Facility Status: CLOSED Site Id: 1452200 Facility ID: 268277570 WAUKESHA STATE BANK W ST PAUL AVE VACANT WSW 1/8 - 1/4 (0.211 mi.) AC114 40 Facility Status: CLOSED Site Id: 7610400 Facility ID: 368009070 TOMS HEATING SERVICE 212 W ST PAUL AVE WSW 1/8 - 1/4 (0.240 mi.) AC142 49 Facility Status: CLOSED Site Id: 2811000 Facility ID: 268113450 SEIER RAYMOND 487 W MAIN ST SW 1/4 - 1/2 (0.255 mi.) 145 50 Facility Status: CLOSED Site Id: 4088700 Facility ID: 268414080

LAST: A review of the LAST list, as provided by EDR, and dated 11/01/2018 has revealed that there are 3 LAST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WHITE AIRE ENGINE DI Status: CLOSED Site ID: 4760700 Facility ID: 268519900	405 ARCADIAN AVE	ESE 1/4 - 1/2 (0.355 mi.)	AJ161	56
SCOTT OIL CO Status: CLOSED Site ID: 2888500 Facility ID: 268456650	612 E MAIN ST	ENE 1/4 - 1/2 (0.488 mi.)	AS190	66
Lower Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA STATE BANK Status: CLOSED Site ID: 7610400 Facility ID: 368009070	W ST PAUL AVE VACANT	WSW 1/8 - 1/4 (0.211 mi.)	AC114	40

### State and tribal registered storage tank lists

UST: A review of the UST list, as provided by EDR, and dated 12/10/2018 has revealed that there are 52 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COMO HOTEL & BAR	116 E ST PAUL AVE	W 0 - 1/8 (0.055 mi.)	H21	13

Fire Dept ID: 6706				
WAUKESHA PARKS & REC Fire Dept ID: 6706	234 MARY ST	NW 0 - 1/8 (0.068 mi.)	I26	15
SUBURBAN N W CARWASH Fire Dept ID: 6706	169 N W BARSTOW	NNE 0 - 1/8 (0.072 mi.)	F31	16
KFC RESTAURANT Fire Dept ID: 6706	170 W MAIN ST	ESE 0 - 1/8 (0.080 mi.)	D33	16
BARSTOW & MAIN STATI Fire Dept ID: 6706	205 W MAIN ST	ESE 0 - 1/8 (0.083 mi.)	D38	18
WALGREENS Fire Dept ID: 6706	230 MADISON ST	W 0 - 1/8 (0.089 mi.)	H43	19
KIRBY CO Fire Dept ID: 6706	145 E NORTH ST	WNW 0 - 1/8 (0.093 mi.)	K45	20
PROFESSIONAL AUTO RE Fire Dept ID: 6706	201 MADISON ST	WSW 0 - 1/8 (0.096 mi.)	H47	20
WHITMORE ENGINE SERV Fire Dept ID: 6706	214 MADISON ST	W 0 - 1/8 (0.101 mi.)	H51	22
SIMMON MARTINEZ Fire Dept ID: 6706	147 E NORTH ST	WNW 0 - 1/8 (0.103 mi.)	K55	23
FRANK PADRAZA Fire Dept ID: 6706	124 NORTH ST	W 0 - 1/8 (0.104 mi.)	K56	23
AMERICAN FAMILY INSU Fire Dept ID: 6706	145 W MAIN ST	ESE 0 - 1/8 (0.109 mi.)	L57	23
WAUKESHA WATER UTILI Fire Dept ID: 6706	132 E NORTH ST	WNW 0 - 1/8 (0.110 mi.)	K59	23
AVALON SQUARE Fire Dept ID: 6706	222 PARK PLACE	SE 0 - 1/8 (0.111 mi.)	N62	24
WEBER BREWERY Fire Dept ID: 6706	212 E NORTH ST	NW 0 - 1/8 (0.124 mi.)	P68	25
D & D AUTOMOTIVE REP Fire Dept ID: 6706	105 E NORTH ST	W 1/8 - 1/4 (0.130 mi.)	71	26
WAUKESHA WATER UTILI Fire Dept ID: 6706	115 DELAFIELD ST	WNW 1/8 - 1/4 (0.131 mi.)	K72	27
401 MOBIL Fire Dept ID: 6706	401 E NORTH ST	NNW 1/8 - 1/4 (0.132 mi.)	M74	28
WARREN REAL ESTATE I Fire Dept ID: 6706	111 ANN ST	WSW 1/8 - 1/4 (0.133 mi.)	O76	28
WAUKESHA FREEMAN Fire Dept ID: 6706	811 BARSTOW ST	SE 1/8 - 1/4 (0.135 mi.)	N77	29
CITY OF WAUKESHA CIT Fire Dept ID: 6706	201 DELAFIELD ST	NW 1/8 - 1/4 (0.158 mi.)	P83	31
GOHR POWER CO Fire Dept ID: 6706	412 E NORTH ST	NNW 1/8 - 1/4 (0.161 mi.)	Q86	32
WAUKESHA MEMORIAL HO Fire Dept ID: 6706	723 CLINTON ST	S 1/8 - 1/4 (0.161 mi.)	R88	32
TOTEM BOWL INC	714 CLINTON ST	SSW 1/8 - 1/4 (0.180 mi.)	R94	34

ST JOSEPHS CHURCH Fire Dept ID: 6706	822 N EAST AVE	ESE 1/8 - 1/4 (0.183 mi.)	V97	35
DIXON OIL INC Fire Dept ID: 6706	625 E ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W102	37
WAU WIS TRADING POST Fire Dept ID: 6706	511 E NORTH ST	N 1/8 - 1/4 (0.190 mi.)	X103	37
SARATOGA HEIGHTS Fire Dept ID: 6706	120 CORRINA BLVD	ENE 1/8 - 1/4 (0.205 mi.)	Z109	39
GEORGE J HANACIK Fire Dept ID: 6706	110 ARCADIAN AVE	ESE 1/8 - 1/4 (0.205 mi.)	S111	40
RANDYS IMPORT AUTO R Fire Dept ID: 6706	117 E MAIN ST	E 1/8 - 1/4 (0.210 mi.)	AB113	40
AT&T WISCONSIN Fire Dept ID: 6706	220 W WISCONSIN AVE	SSE 1/8 - 1/4 (0.214 mi.)	AD116	42
JUDY MAYER Fire Dept ID: 6706	415 BUENA VISTA AVE	NNW 1/8 - 1/4 (0.216 mi.)	117	42
SCOTTYS AUTO SALES Fire Dept ID: 6706	200 E MAIN	E 1/8 - 1/4 (0.218 mi.)	AB118	42
RIGHT OF WAY Fire Dept ID: 6706	200 E MAIN	E 1/8 - 1/4 (0.218 mi.)	AB119	42
FERRIS TRAVEL Fire Dept ID: 6706	144 W BROADWAY	SE 1/8 - 1/4 (0.218 mi.)	AA121	43
SCHLEY BALDWIN INS Fire Dept ID: 6706	204 WISCONSIN AVE	SSE 1/8 - 1/4 (0.218 mi.)	AD122	43
DR RICHARD OFFERMAN	817 N EAST AVE	ESE 1/8 - 1/4 (0.221 mi.)	V123	43
Fire Dept ID: 6706				
WOMENS CENTER Fire Dept ID: 6706	726 N EAST AVE	SE 1/8 - 1/4 (0.236 mi.)	AA133	47
WOMENS CENTER	726 N EAST AVE  318 DELAFIELD ST	SE 1/8 - 1/4 (0.236 mi.)  NW 1/8 - 1/4 (0.240 mi.)	AA133 <i>AE137</i>	47 <b>48</b>
WOMENS CENTER Fire Dept ID: 6706  MOON'S AUTOMOTIVE RE		,		
WOMENS CENTER Fire Dept ID: 6706  MOON'S AUTOMOTIVE RE Fire Dept ID: 6706	318 DELAFIELD ST	NW 1/8 - 1/4 (0.240 mi.)	AE137	48
WOMENS CENTER Fire Dept ID: 6706  MOON'S AUTOMOTIVE RE Fire Dept ID: 6706  Lower Elevation  EDWARD D JONES & CO	318 DELAFIELD ST  Address	NW 1/8 - 1/4 (0.240 mi.)  Direction / Distance	AE137	48 Page
WOMENS CENTER Fire Dept ID: 6706  MOON'S AUTOMOTIVE RE Fire Dept ID: 6706  Lower Elevation  EDWARD D JONES & CO Fire Dept ID: 6706  PFUDPUCKERS	Address 344 W BROADWAY	NW 1/8 - 1/4 (0.240 mi.)  Direction / Distance  SSW 0 - 1/8 (0.046 mi.)	<b>Map ID</b> E16	<b>48 Page</b> 12
WOMENS CENTER Fire Dept ID: 6706  MOON'S AUTOMOTIVE RE Fire Dept ID: 6706  Lower Elevation  EDWARD D JONES & CO Fire Dept ID: 6706  PFUDPUCKERS Fire Dept ID: 6706  DISCOUNT LIQUORS	Address 344 W BROADWAY 921 FREIDMAN DR	NW 1/8 - 1/4 (0.240 mi.)  Direction / Distance  SSW 0 - 1/8 (0.046 mi.)  S 0 - 1/8 (0.049 mi.)	<b>Map ID</b> E16 G17	<b>Page</b> 12
WOMENS CENTER Fire Dept ID: 6706  MOON'S AUTOMOTIVE RE Fire Dept ID: 6706  Lower Elevation  EDWARD D JONES & CO Fire Dept ID: 6706  PFUDPUCKERS Fire Dept ID: 6706  DISCOUNT LIQUORS Fire Dept ID: 6706  SPEEDS BUILDING	Address 344 W BROADWAY 921 FREIDMAN DR 919 N BARSTOW ST	NW 1/8 - 1/4 (0.240 mi.)  Direction / Distance  SSW 0 - 1/8 (0.046 mi.)  S 0 - 1/8 (0.049 mi.)  ESE 0 - 1/8 (0.050 mi.)	<b>Map ID</b> E16 G17 D18	<b>Page</b> 12 12 12
WOMENS CENTER Fire Dept ID: 6706  MOON'S AUTOMOTIVE RE Fire Dept ID: 6706  Lower Elevation  EDWARD D JONES & CO Fire Dept ID: 6706  PFUDPUCKERS Fire Dept ID: 6706  DISCOUNT LIQUORS Fire Dept ID: 6706  SPEEDS BUILDING Fire Dept ID: 6706  FORMER RAILROAD DEPO	Address 344 W BROADWAY 921 FREIDMAN DR 919 N BARSTOW ST 234 W MAIN ST	NW 1/8 - 1/4 (0.240 mi.)  Direction / Distance  SSW 0 - 1/8 (0.046 mi.)  S 0 - 1/8 (0.049 mi.)  ESE 0 - 1/8 (0.050 mi.)  SE 0 - 1/8 (0.062 mi.)	Map ID E16 G17 D18 23	<b>Page</b> 12 12 12 13

Fire Dept ID: 6706				
CITY OF WAUKESHA Fire Dept ID: 6706	390 W MAIN ST	SW 1/8 - 1/4 (0.141 mi.)	79	29
FORMER HUNTER FUEL & Fire Dept ID: 6706	149 W ST PAUL AVE	WSW 1/8 - 1/4 (0.151 mi.)	O81	30
FORMER CITIES SERVIC Fire Dept ID: 6706	155 W ST PAUL AVE	WSW 1/8 - 1/4 (0.158 mi.)	O82	30
CITY OF WAUKESHA FIR Fire Dept ID: 6706	130 W ST PAUL AVE	WSW 1/8 - 1/4 (0.181 mi.)	T96	34
RANKINS SERVICE Fire Dept ID: 6706	431 W MAIN ST	SW 1/8 - 1/4 (0.193 mi.)	Y107	38
TOMS HEATING SERVICE Fire Dept ID: 6706	212 W ST PAUL AVE	WSW 1/8 - 1/4 (0.240 mi.)	AC143	50

AST: A review of the AST list, as provided by EDR, and dated 12/10/2018 has revealed that there are 8 AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DIXON OIL INC Fire Dept ID: 6706	625 E ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W102	37
SARATOGA HEIGHTS Fire Dept ID: 6706	120 CORRINA BLVD	ENE 1/8 - 1/4 (0.205 mi.)	Z109	39
AT&T WISCONSIN Fire Dept ID: 6706	220 W WISCONSIN AVE	SSE 1/8 - 1/4 (0.214 mi.)	AD116	42
MOON'S AUTOMOTIVE RE Fire Dept ID: 6706	318 DELAFIELD ST	NW 1/8 - 1/4 (0.240 mi.)	AE137	48
Lower Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA STATE BANK Fire Dept ID: 6706	100 BANK ST	SW 0 - 1/8 (0.035 mi.)	E12	10
FORMER RAILROAD DEPO Fire Dept ID: 6706	129 MADISON ST	SW 0 - 1/8 (0.072 mi.)	E32	16
FORMER HUNTER FUEL & Fire Dept ID: 6706	149 W ST PAUL AVE	WSW 1/8 - 1/4 (0.151 mi.)	O81	30
FORMER CITIES SERVIC Fire Dept ID: 6706	155 W ST PAUL AVE	WSW 1/8 - 1/4 (0.158 mi.)	O82	30

### State and tribal institutional control / engineering control registries

AUL: A review of the AUL list, as provided by EDR, and dated 11/01/2018 has revealed that there are 20 AUL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA COAL GAS SI	130 BARSTOW	NE 0 - 1/8 (0.025 mi.)	B9	9

Status: CLOSED Site Id: 4385000 Facid: 268381740				
EMERSON BUILDING Status: OPEN Site Id: 18095900 Facid: 268595030	311-325 W ST PAUL AV	N 0 - 1/8 (0.037 mi.)	F14	11
WAUKESHA PARK AND RE Status: CLOSED Site Id: 2535800 Facid: 268350610	234 MARY ST	NW 0 - 1/8 (0.068 mi.)	124	13
EXPRESS AUTO SPA Status: CLOSED Site Id: 26133900 Facid: 268136220	169 NW BARSTOW ST	NNE 0 - 1/8 (0.081 mi.)	F37	17
WALGREENS Status: CLOSED Site Id: 4505400 Facid: 268499880	230 MADISON ST	W 0 - 1/8 (0.089 mi.)	H44	19
PROFESSIONAL AUTO RE Status: CLOSED Site Id: 4195700 Facid: 268499220	201 MADISON ST	WSW 0 - 1/8 (0.096 mi.)	H48	21
HOPSON SERVICE STATI Status: CLOSED Site Id: 4066900 Facid: 268135340	401 E NORTH ST	NNW 1/8 - 1/4 (0.132 mi.)	M73	27
DIXON OIL INC (FORME Status: CLOSED Site Id: 2881000 Facid: 268442130	625 E ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W99	35
DIXON OIL COMPANY Status: CLOSED Site Id: 17751900 Facid: 268590190	625 EAST ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W101	36
ONE HOUR MARTINIZING Status: CLOSED Site Id: 1244100 Facid: 268226090	310 DELAFIELD ST	NW 1/8 - 1/4 (0.233 mi.)	AE130	45
WILLIAMS SHELL (FORM Status: CLOSED Site Id: 2536000 Facid: 268350720	318 DELAFIELD ST	NW 1/8 - 1/4 (0.240 mi.)	AE138	48
BERTRAM RESIDENCE Status: CLOSED Site Id: 28312000 Facid: 268510610	420 NW BARSTOW ST	NW 1/4 - 1/2 (0.266 mi.)	147	51
PARTS HUT INC Status: CLOSED Site Id: 29081900 Facid: 268666090	735 PLEASANT ST	ESE 1/4 - 1/2 (0.308 mi.)	151	53
BURAK PROPERY (FMR)	200 E BROADWAY	SE 1/4 - 1/2 (0.340 mi.)	AI157	54

Status: CLOSED Site Id: 19567900 Facid: 268600970				
WHITE AIRE ENGINE DI Status: CLOSED Site Id: 4760700 Facid: 268519900	405 ARCADIAN AVE	ESE 1/4 - 1/2 (0.355 mi.)	AJ161	56
ARBYS 1353 Status: CLOSED Site Id: 3037300 Facid: 268468310	235 E BROADWAY	SE 1/4 - 1/2 (0.406 mi.)	170	60
WAUKESHA QUICK MART Status: CLOSED Site Id: 4077000 Facid: 268133140	518 DELAFIELD ST	NW 1/4 - 1/2 (0.423 mi.)	176	62
GENE ELDERS SERVICE Status: CLOSED Site Id: 2115900 Facid: 268304850	500 ARCADIAN AVE	E 1/4 - 1/2 (0.440 mi.)	179	63
301 N GRAND AVE Status: CLOSED Site Id: 13776600 Facid: 268580840	301 N GRAND AVE	S 1/4 - 1/2 (0.480 mi.)	AT189	66
Lower Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA STATE BANK Status: CLOSED Site Id: 7610400 Facid: 368009070	W ST PAUL AVE VACANT	WSW 1/8 - 1/4 (0.211 mi.)	AC114	40

### State and tribal voluntary cleanup sites

VCP: A review of the VCP list, as provided by EDR, and dated 11/01/2018 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DIXON OIL COMPANY Status: VPLE WITHDRAWN Site Id: 17751900 Faclity ID: 268590190	625 EAST ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W101	36

### State and tribal Brownfields sites

BROWNFIELDS: A review of the BROWNFIELDS list, as provided by EDR, has revealed that there are 6

BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA COAL GAS SI Database: BROWNFIELDS, Date o Status: GEN PROP Faclity ID: 268381740 Site Id: 4385000	130 BARSTOW f Government Version: 11/01/2018	NE 0 - 1/8 (0.025 mi.)	В9	9
EMERSON BUILDING Database: BROWNFIELDS, Date o Status: GEN PROP Faclity ID: 268595030 Site Id: 18095900	<b>311-325 W ST PAUL AV</b> f Government Version: 11/01/2018	N 0 - 1/8 (0.037 mi.)	F14	11
DIXON OIL COMPANY Database: BROWNFIELDS, Date o Status: VPLE WITHDRAWN Faclity ID: 268590190 Site Id: 17751900	625 EAST ST PAUL AVE f Government Version: 11/01/2018	NNE 1/8 - 1/4 (0.190 mi.)	W101	36
WAUKESHA QUICK MART Database: BROWNFIELDS, Date o Status: GEN PROP Faclity ID: 268133140 Site Id: 4077000	518 DELAFIELD ST f Government Version: 11/01/2018	NW 1/4 - 1/2 (0.423 mi.)	176	62
CARROLL UNIVERSITY Database: BROWNFIELDS, Date o Status: GEN PROP Faclity ID: 268666310 Site Id: 29093900	316 N BARSTOW ST f Government Version: 11/01/2018	SSE 1/4 - 1/2 (0.441 mi.)	AQ180	63
CYBROS BAKERY Database: BROWNFIELDS, Date o Status: GEN PROP Faclity ID: 268611310 Site Id: 21685900	417 BARNEY ST f Government Version: 11/01/2018	SE 1/4 - 1/2 (0.469 mi.)	187	65

### ADDITIONAL ENVIRONMENTAL RECORDS

### Records of Emergency Release Reports

SPILLS: A review of the SPILLS list, as provided by EDR, and dated 11/01/2018 has revealed that there are 2 SPILLS sites within approximately 0.001 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page	
220 E BANK ST Site Id: 5479400 Status: HISTORIC SPILL	220 E BANK ST	0 - 1/8 (0.000 mi.)	A3	8	
313 BANK ST (NEAR GO Site Id: 6855100 Status: CLOSED	313 BANK ST	0 - 1/8 (0.000 mi.)	B5	8	

### Other Ascertainable Records

RCRA NonGen / NLR: A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/01/2018 has revealed that there are 19 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA PARK AND RE EPA ID:: WID988634416	234 MARY ST	NW 0 - 1/8 (0.068 mi.)	<i>1</i> 25	14
WALGREENS EPA ID:: WIR00008342	230 MADISON ST	W 0 - 1/8 (0.089 mi.)	H44	19
WAUKESHA REALTY DEV EPA ID:: WIR000008300	201 MADISON ST	WSW 0 - 1/8 (0.096 mi.)	H46	20
NICE ASH CIGAR BAR EPA ID:: WIR000139428	327 W MAIN ST	SSW 0 - 1/8 (0.102 mi.)	J54	22
BERG MANAGEMENT CO/S EPA ID:: WI0000122424	212 E NORTH ST	NW 0 - 1/8 (0.124 mi.)	P69	26
WAUKESHA WATER UTILI EPA ID:: WIR000021063	115 DELAFIELD ST	WNW 1/8 - 1/4 (0.131 mi.)	K72	27
MIANS OIL CORP EPA ID:: WI0000289272	401 E NORTH ST	NNW 1/8 - 1/4 (0.132 mi.)	M75	28
WAUKESHA FREEMAN EPA ID:: WIR000028902	801 N BARSTOW ST	SE 1/8 - 1/4 (0.143 mi.)	N80	29
INTELLIGRAPHICS INTE EPA ID:: WIR000011775	741 N GRAND AVE	S 1/8 - 1/4 (0.168 mi.)	91	33
DIXON OIL INC EPA ID:: WI0000673327	625 E ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W100	36
MONAHAN STEPHANIE EPA ID:: WID988615076	511 E NORTH ST	N 1/8 - 1/4 (0.190 mi.)	X105	38
AEROSHARP TOOL CO IN EPA ID:: WID006095723	122 SOUTH ST	SE 1/8 - 1/4 (0.206 mi.)	AA112	40
SCOTTYS AUTO SALES EPA ID:: WIR000032698	200 E MAIN	E 1/8 - 1/4 (0.218 mi.)	AB120	42
R D WOODS CO (WOMENS EPA ID:: WIR000017855	726 N EAST AVE SITE	SE 1/8 - 1/4 (0.236 mi.)	AA134	47
SHELL FORMER WILLIAM EPA ID:: WID988634390	318 DELAFIELD ST	NW 1/8 - 1/4 (0.240 mi.)	AE136	47
CAR DOCTORS EPA ID:: WI0000038901	215 W NORTH ST	WSW 1/8 - 1/4 (0.248 mi.)	AG144	50
Lower Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA REALTY DEVE EPA ID:: WIR000008359	344 W BROADWAY	SSW 0 - 1/8 (0.046 mi.)	E15	11
WAUKESHA CITY OF FIR EPA ID:: WID988593356	130 W SAINT PAUL AVE	WSW 1/8 - 1/4 (0.181 mi.)	T95	34
BILL RANKIN AUTO SVC	431 W MAIN ST	SW 1/8 - 1/4 (0.193 mi.)	Y106	38

EPA ID:: WIR000017434

ASBESTOS: A review of the ASBESTOS list, as provided by EDR, and dated 11/26/2018 has revealed that there is 1 ASBESTOS site within approximately 0.001 miles of the target property.

Equal/Higher Elevation	Address	<b>Direction / Distance</b>	Map ID	Page
BANK STREET PROPERTI	210 BANK STREET 313	0 - 1/8 (0.000 mi.)	A6	9

MANIFEST: A review of the MANIFEST list, as provided by EDR, and dated 12/31/2017 has revealed that there are 10 MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WAUKESHA FAMILIY PRA ACT Status: A FID: 368002140 EPA ID: WIR000151977	210 NW BARSTOW ST	N 0 - 1/8 (0.072 mi.)	F30	15
WALGREENS ACT Status: I FID: 268499880 EPA ID: WIR000008342	230 MADISON ST	W 0 - 1/8 (0.089 mi.)	H44	19
NICE ASH CIGAR BAR ACT Status: A FID: 268619010 EPA ID: WIR000139428	327 W MAIN ST	SSW 0 - 1/8 (0.102 mi.)	J53	22
WAUKESHA FREEMAN ACT Status: I FID: 268530350 EPA ID: WIR000028902	801 N BARSTOW ST	SE 1/8 - 1/4 (0.143 mi.)	N80	29
ST JOSEPHS MEDICAL & ACT Status: A FID: 268534970 EPA ID: WIR000120527	826 N EAST AVE	ESE 1/8 - 1/4 (0.183 mi.)	V98	35
DIXON OIL INC ACT Status: A FID: 268442130 EPA ID: WI0000673327	625 E ST PAUL AVE	NNE 1/8 - 1/4 (0.190 mi.)	W100	36
WISCONSIN BELL INC P ACT Status: I ACT Status: A FID: 268159430 EPA ID: WID980794325	220 WISCONSIN AVE	SSE 1/8 - 1/4 (0.214 mi.)	AD115	41
THE CARE CENTER  ACT Status: A  FID: 268404950  EPA ID: WI0000083188	726 EAST AVE	SE 1/8 - 1/4 (0.231 mi.)	AA128	45
ONE HOUR MARTINIZING	310 DELAFIELD ST	NW 1/8 - 1/4 (0.233 mi.)	AE130	45

ACT Status: A ACT Status: I FID: 268226090 EPA ID: WID982423733

Lower Elevation	Address	Direction / Distance	Map ID	Page	
THOMAS PRESS INC	920 FRIEDMAN DR	S 0 - 1/8 (0.051 mi.)	G19	12	

ACT Status: A ACT Status: I FID: 268159760 EPA ID: WI0000057653

### **EDR HIGH RISK HISTORICAL RECORDS**

### **EDR Exclusive Records**

EDR MGP: A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within approximately 1 mile of the target property.

Equal/Higher Elevation	Higher Elevation Address		Map ID	Page
WAUKESHA COAL GAS SI	130 N. BARSTOW	S 1/2 - 1 (0.633 mi.)	194	68

EDR Hist Auto: A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 5 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page	
A PLUS	100 CORRINA BLVD	E 0 - 1/8 (0.057 mi.)	22	13	
CONSOLIDATED CAR WAS	169 N W BARSTOW ST	NNE 0 - 1/8 (0.081 mi.)	F36	17	
J & L OIL CO INC	205 W MAIN ST	ESE 0 - 1/8 (0.083 mi.)	D40	18	
RAEBEL ALOYSIUS	214 MADISON ST	W 0 - 1/8 (0.101 mi.)	H50	21	
DOUGLAS WILLIAM A	845 N BARSTOW	ESE 0 - 1/8 (0.112 mi.)	N63	24	

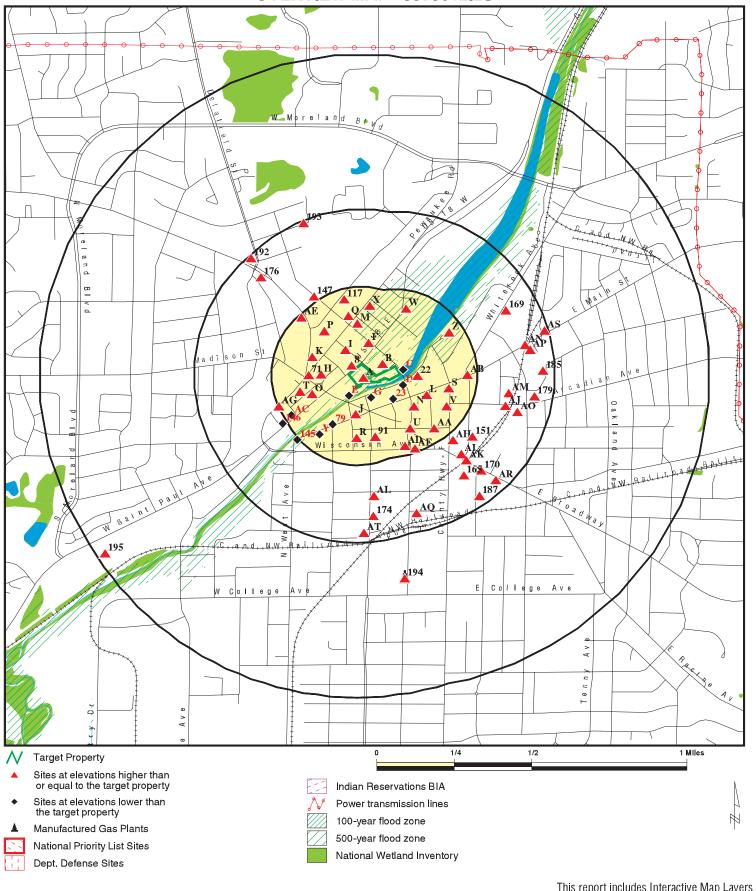
EDR Hist Cleaner: A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 3 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PROGRESS INC 238 W BROADWAY		SSE 0 - 1/8 (0.116 mi.)	N64	24
Lower Elevation	Address	Direction / Distance	Map ID	Page
SPIC & SPAN CLEANERS	922 N BARSTOW	ESE 0 - 1/8 (0.033 mi.)	C10	10

Count: 4 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)	
WAUKESHA	S102454857	CARROLL COLLEGE PROPERTY	232 EAST AVE		LUST	
WAUKESHA	S111066218	CARROLL COLLEGE ART ANNEX BLDG #56	N BARSTOW	53	86 LUST, LAST	
WAUKESHA	S101134189	HARVEY RINDT SERVICE	19600 W NATIONAL AVE		LUST	
WAUKESHA	S105702498	HOWELL PROPERTY	S16 W27212 MADISON ST		LUST	

## **OVERVIEW MAP - 5575612.2S**



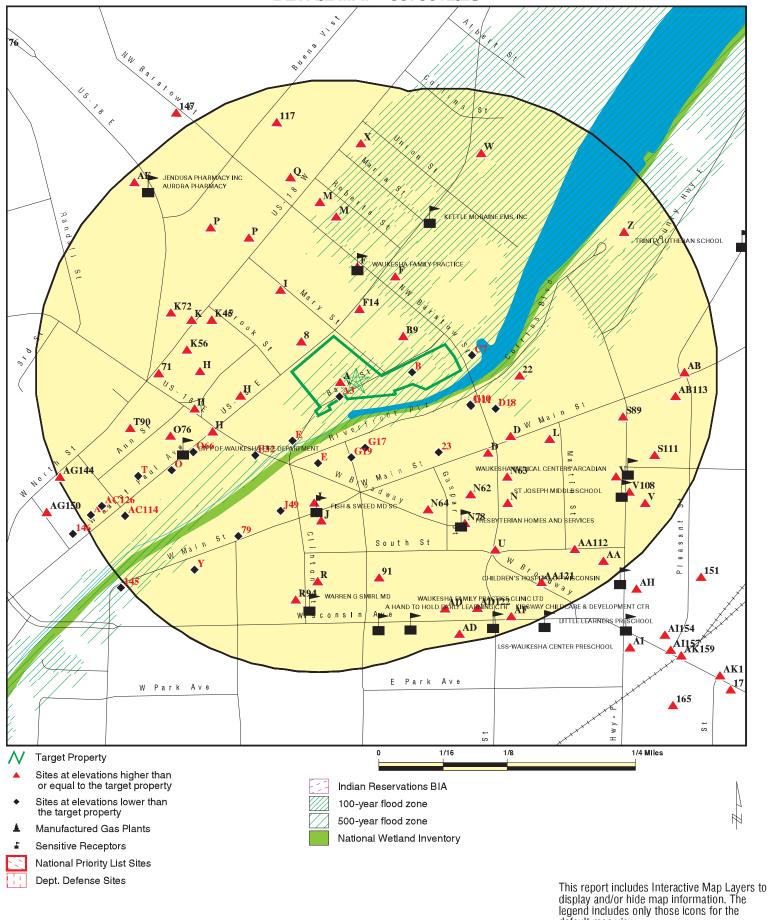
This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: East St. Paul Avenue
ADDRESS: East St. Paul Avenue
Waukesha WI 53188

CLIENT: Sigma Env. Services, Inc. CONTACT: Dale Palkowski
INQUIRY#: 5575612.2s

LAT/LONG: 43.013169 / 88.231767 DATE: February 28, 2019 12:25 pm

## **DETAIL MAP - 5575612.2S**



SITE NAME: East St. Paul Avenue
ADDRESS: East St. Paul Avenue
Waukesha WI 53188
LAT/LONG: 43.013169 / 88.231767

CLIENT: Sigma Env. Services, Inc.
CONTACT: Dale Palkowski
INQUIRY #: 5575612.2s
DATE: February 28, 2019 12:26 pm

default map view.

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY SEMS	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRA	P site list							
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	1	1	NR	2
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 4	0 0 15	NR NR NR	NR NR NR	NR NR NR	0 0 19
Federal institutional con engineering controls reg								
LUCIS US ENG CONTROLS US INST CONTROL	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001		1	NR	NR	NR	NR	1
State- and tribal - equiva	lent CERCLIS	6						
SHWS WI ERP	1.000 0.500		0 3	0 6	0 8	0 NR	NR NR	0 17
State and tribal landfill a solid waste disposal site								
SWF/LF WDS SHWIMS	0.500 0.500 0.500		0 0 18	0 0 32	0 0 31	NR NR NR	NR NR NR	0 0 81
State and tribal leaking s	storage tank l	ists						
LUST	0.500		12	11	19	NR	NR	42

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
LAST INDIAN LUST	0.500 0.500		0 0	1 0	2 0	NR NR	NR NR	3 0	
State and tribal registered storage tank lists									
FEMA UST UST AST INDIAN UST	0.250 0.250 0.250 0.250		0 22 2 0	0 30 6 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 52 8 0	
State and tribal institutional control / engineering control / engineering control registries									
CRS AUL	0.001 0.500		0 6	NR 6	NR 8	NR NR	NR NR	0 20	
State and tribal voluntary	cleanup site	es							
INDIAN VCP VCP	0.500 0.500		0 0	0 1	0 0	NR NR	NR NR	0 1	
State and tribal Brownfie	State and tribal Brownfields sites								
BEAP BROWNFIELDS	0.500 0.500		0 2	0 1	0 3	NR NR	NR NR	0 6	
ADDITIONAL ENVIRONMENTAL RECORDS									
Local Brownfield lists									
US BROWNFIELDS	0.500		0	0	0	NR	NR	0	
Local Lists of Landfill / Solid Waste Disposal Sites									
SWRCY INDIAN ODI DEBRIS REGION 9 ODI IHS OPEN DUMPS	0.500 0.500 0.500 0.500 0.500		0 0 0 0	0 0 0 0	0 0 0 0	NR NR NR NR NR	NR NR NR NR NR	0 0 0 0	
Local Lists of Hazardous Contaminated Sites	waste /								
US HIST CDL CDL US CDL	0.001 0.001 0.001		0 0 0	NR NR NR	NR NR NR	NR NR NR	NR NR NR	0 0 0	
Local Land Records									
LIENS LIENS 2	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0	
Records of Emergency Release Reports									
HMIRS SPILLS AGSPILLS SPILLS 90	0.001 0.001 0.001 0.001		0 2 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	0 2 0 0	

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SPILLS 80	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Rec	ords							
RCRA NonGen / NLR	0.250		6	13	NR	NR	NR	19
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR EPA WATCH LIST	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.230		0	NR	NR	NR	NR	0
TRIS	0.001		Ő	NR	NR	NR	NR	Ő
SSTS	0.001		0	NR	NR	NR	NR	Ō
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR NB	NR NB	NR NB	NR NB	0
FTTS MLTS	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		Ö	NR	NR	NR	NR	Ö
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	0.001		0	NR	NR	NR	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA LEAD SMELTERS	0.500 0.001		0 0	0 NR	0 NR	NR NR	NR NR	0 0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.001		Ő	NŘ	NR	NR	NR	Ŏ
FINDS	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
ECHO	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
ASPESTOS	0.001		0	NR	NR	NK	NK	0
ASBESTOS BRRTS	0.001 0.001		1 0	NR NR	NR NR	NR NR	NR NR	1 0
COAL ASH	0.500		0	0	0	NR	NR	0
DRYCLEANERS	0.250		Ö	ő	NR	NR	NR	Ö
Financial Assurance	0.001		Ö	NR	NR	NR	NR	Ö
LEAD	0.001		Ö	NR	NR	NR	NR	Ō
MANIFEST	0.250		4	6	NR	NR	NR	10
NPDES	0.001		0	NR	NR	NR	NR	0
TIER 2	0.001		0	NR	NR	NR	NR	0
WI WRRSER	0.001		0	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP EDR Hist Auto EDR Hist Cleaner	1.000 0.125 0.125		0 5 3	0 NR NR	0 NR NR	1 NR NR	NR NR NR	1 5 3
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF RGA LUST	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
- Totals		0	91	128	73	2	0	294

### NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID MAP FINDINGS Direction

Distance **EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

Α1 ERNS 93175439 N/A

210 EAST BANK ST. WAUKESHA, WI

< 1/8 1 ft.

Click here for full text details

Relative: Higher

**ERNS** 

NRC Report #: 175439

**A2 210 BANK ST** SHWIMS \$118356233

**210 BANK ST** WAUKESHA, WI < 1/8

1 ft.

Click here for full text details

Relative: Higher

**SHWIMS** FID: NONE

Status: UNKNOWN

220 E BANK ST SPILLS \$104949580 А3

220 E BANK ST N/A

MILWAUKEE, WI < 1/8

1 ft.

Click here for full text details Relative:

Lower

**SPILLS** 

Site Id: 5479400 Status: HISTORIC SPILL

313 BANK ST SHWIMS \$118356661 **B**4

**313 BANK ST** N/A

< 1/8 WAUKESHA, WI

1 ft.

Click here for full text details

Relative: Lower

**SHWIMS** 

FID: NONE Status: UNKNOWN

**B5** 313 BANK ST (NEAR GOODWILL) SPILLS S103339438 N/A

313 BANK ST

< 1/8

UNKNOWN, WI

1 ft.

Click here for full text details

Relative: Lower

**SPILLS** 

Site Id: 6855100 Status: CLOSED N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

A6 **BANK STREET PROPERTIES** ASBESTOS S120544903 N/A

210 BANK STREET 313 BANK STREET WAUKESHA, WI

1 ft.

< 1/8

Relative: Higher

Click here for full text details

**C7 BARSTOW PLAZA RIVER PROJECT** 

**ENE 111-117 N BARSTOW ST** < 1/8 WAUKESHA, WI 53188

0.016 mi. 85 ft.

Click here for full text details

Relative: Lower

SHWIMS

FID: 268322230 Status: OPERATING

8 212 E ST PAUL AVE (CITY OF WAUKESHA PARKS GA SHWIMS S118356247

NW 212 E ST PAUL AVE (CITY OF WAU < 1/8 WAUKESHA, WI

0.017 mi. 88 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: NONE Status: UNKNOWN

**WAUKESHA COAL GAS SITE WI ERP** S108168067 **B9** 

NE 130 BARSTOW CRS N/A < 1/8 WAUKESHA, WI AUL 0.025 mi. **BROWNFIELDS** 134 ft. **BRRTS** 

Relative:

Click here for full text details

Higher

**WI ERP** 

Status: CLOSED Site Id: 4385000 Faclity ID: 268381740

**CRS** 

Site ID: 4385000 Facility ID: 268381740

AUL

Status: CLOSED Site Id: 4385000 Facid: 268381740

**BROWNFIELDS** 

Status: GEN PROP

SHWIMS

S108149192

N/A

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

WAUKESHA COAL GAS SITE (Continued)

S108168067

EDR Hist Cleaner 1020092370

N/A

1020092369

N/A

SHWIMS \$118355456

N/A

Faclity ID: 268381740 Site Id: 4385000

**BRRTS** 

Site Id: 4385000 Status: GEN PROP

Click here for WDNR BRRTS Link

C10 **SPIC & SPAN CLEANERS** 

**ESE** 922 N BARSTOW < 1/8 WAUKESHA, WI 53186

0.033 mi. 176 ft.

Click here for full text details

Relative: Lower

D11 **EDR Hist Cleaner SPIC & SPAN CLEANERS** 

**ESE** 920 N BARSTOW < 1/8 WAUKESHA, WI 53186

0.035 mi. 183 ft.

Click here for full text details Relative:

Lower

E12 **WAUKESHA STATE BANK** AST A100262816 N/A

SW 100 BANK ST < 1/8 WAUKESHA, WI 53188

0.035 mi. 186 ft.

Click here for full text details

Relative: Lower

**AST** 

Fire Dept ID: 6706

E13 100 BANK ST (WAUKESHA STATE BANK) 100 BANK ST (WAUKESHA STATE BA SW WAUKESHA, WI < 1/8

0.035 mi. 186 ft.

Relative:

Click here for full text details

Lower

**SHWIMS** FID: NONE

Status: UNKNOWN

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

F14 EMERSON BUILDING WI ERP \$108633560

North 311-325 W ST PAUL AVE AUL N/A

< 1/8 WAUKESHA, WI 53188 BROWNFIELDS 0.037 mi. BRRTS 193 ft.

Relative: Higher

WI ERP
Status: OPEN
Site Id: 18095900
Faclity ID: 268595030

AUL Status: OPEN

Site Id: 18095900 Facid: 268595030

**BROWNFIELDS** 

Status: GEN PROP Faclity ID: 268595030 Site Id: 18095900

**BRRTS** 

Site Id: 18095900 Status: GEN PROP

Click here for WDNR BRRTS Link

E15 WAUKESHA REALTY DEVELOPMENT CO SHWIMS 1001082294
SSW 344 W BROADWAY LUST WIR000008359

SSW 344 W BROADWAY < 1/8 WAUKESHA, WI 53186 0.046 mi. 245 ft.

Relative:
Lower

SHWIMS FID: 268498450

LUST

Status: OPERATING

Facility Status: CLOSED Site Id: 4484900 Facility ID: 268499770

RCRA NonGen / NLR EPA Id: WIR000008359

Registry ID:: 110005512971

**ECHO** 

**FINDS** 

Registry ID: 110005512971

**RCRA NonGen / NLR** 

**FINDS** 

**ECHO** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

E16 **EDWARD D JONES & CO** UST U003249321 SSW **344 W BROADWAY** N/A

WAUKESHA, WI 53186 < 1/8 0.046 mi.

245 ft.

Click here for full text details

Relative: Lower

UST

Fire Dept ID: 6706

G17 **PFUDPUCKERS** UST U003663604 N/A

South 921 FREIDMAN DR < 1/8 WAUKESHA, WI 53188 0.049 mi.

259 ft.

Click here for full text details

Relative: Lower

UST

Fire Dept ID: 6706

U003486262 D18 **DISCOUNT LIQUORS** UST N/A

**ESE** 919 N BARSTOW ST < 1/8 WAUKESHA, WI 53186

0.050 mi. 265 ft.

Click here for full text details

Relative: Lower

UST

Fire Dept ID: 6706

G19 **THOMAS PRESS INC** South 920 FRIEDMAN DR < 1/8 WAUKESHA, WI 53187 0.051 mi.

268 ft.

Click here for full text details Relative:

Lower

RCRA-CESQG

EPA Id: WI0000057653

**SHWIMS** 

FID: 268159760 Status: OPERATING

**FINDS** 

Registry ID:: 110005265701

Registry ID: 110005265701

**MANIFEST** 

ACT Status: A ACT Status: I

RCRA-CESQG

SHWIMS

**MANIFEST** 

**FINDS** 

**ECHO** 

1000879373

WI0000057653

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**THOMAS PRESS INC (Continued)** 

1000879373

FID: 268159760

EPA ID: WI0000057653

H20 LUST S102850836 **COMO HOTEL & BAR** 

N/A

West 116 E ST PAUL AVE < 1/8 WAUKESHA, WI

0.055 mi. 289 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 6537900 Facility ID: 268534200

H21 **COMO HOTEL & BAR** UST U003822849

N/A

West 116 E ST PAUL AVE < 1/8 WAUKESHA, WI 53188

0.055 mi. 289 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

22 A PLUS **EDR Hist Auto** 1021472883

N/A

N/A

**East 100 CORRINA BLVD** WAUKESHA, WI 53186 < 1/8

0.057 mi.

302 ft.

Click here for full text details

Relative: Higher

U003459519 **SPEEDS BUILDING** UST 23 SE 234 W MAIN ST

< 1/8 0.062 mi. 330 ft.

WAUKESHA, WI 53186

Click here for full text details

Relative: Lower

Fire Dept ID: 6706

SHWIMS 124 **WAUKESHA PARK AND RECREATION DEPT** S103337317

NW **234 MARY ST** LUST N/A < 1/8 WAUKESHA, WI 53188 **CRS** 0.068 mi. **AUL** 

359 ft. **SPILLS BRRTS** Click here for full text details

Relative:

Higher

**SHWIMS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

### WAUKESHA PARK AND RECREATION DEPT (Continued)

S103337317

FID: 268350610 Status: OPERATING

### LUST

Facility Status: CLOSED Site Id: 2535800 Facility ID: 268350610

### CRS

Site ID: 2535800 Facility ID: 268350610

### AUL

Status: CLOSED Site Id: 2535800 Facid: 268350610

#### SPILLS

Site Id: 6088600 Status: HISTORIC SPILL

### **BRRTS**

Site Id: 2535800 Status: NAR

Click here for WDNR BRRTS Link

WAUKESHA PARK AND RECREATION DPT 234 MARY ST

NW < 1/8

WAUKESHA, WI 53188

0.068 mi. 359 ft.

125

Click here for full text details

Relative: Higher

RCRA NonGen / NLR EPA Id: WID988634416

**FINDS** 

Registry ID:: 110005500476

**ECHO** 

Registry ID: 110005500476

RCRA NonGen / NLR 1000814601

**FINDS** 

**ECHO** 

WID988634416

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

126 **WAUKESHA PARKS & RECREATION** UST U003268283

NW **234 MARY ST** 

WAUKESHA, WI 53186 < 1/8

0.068 mi. 359 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

S109616173 F27 WAUKESHA COUNTY COMMUNITY DENTAL CLINIC SHWIMS N/A

210 NW BARSTOW STREET STE 305 North WAUKESHA, WI 53188

< 1/8 0.072 mi.

380 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268610430 Status: OPERATING

**WAUKESHA FAMILIY PRACTICE CENTER** F28 **RCRA-CESQG** 1016977827 WIR000151977

North 210 NW BARSTOW ST < 1/8 WAUKESHA, WI 53188

0.072 mi.

380 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WIR000151977

F29 SHWIMS \$108159297 **WAUKESHA FAMILIY PRACTICE CENTER** 

210 NW BARSTOW ST North < 1/8 WAUKESHA, WI 53188

0.072 mi. 380 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 368002140 Status: OPERATING

F30 **WAUKESHA FAMILIY PRACTICE CENTER** MANIFEST S118559353 N/A

North 210 NW BARSTOW ST < 1/8 WAUKESHA, WI 53188

0.072 mi. 380 ft.

Click here for full text details

Relative: Higher

**MANIFEST** 

ACT Status: A FID: 368002140 EPA ID: WIR000151977 N/A

N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

F31 SUBURBAN N W CARWASH INC UST U003461066
NNE 169 N W BARSTOW N/A

NNE 169 N W BARSTOW < 1/8 WAUKESHA, WI 53186

0.072 mi. 382 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

E32 FORMER RAILROAD DEPOT UST U003756777
SW 129 MADISON ST AST N/A

SW 129 MADISON ST < 1/8 WAUKESHA, WI 53187 0.072 mi.

382 ft.

Click here for full text details

Relative: Lower

UST

Fire Dept ID: 6706

**AST** 

Fire Dept ID: 6706

D33 KFC RESTAURANT UST 1000879349
ESE 170 W MAIN ST N/A

ESE 170 W MAIN ST < 1/8 WAUKESHA, WI 53186 0.080 mi.

421 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

 D34
 KENTUCKY FRIED CHICKEN
 RCRA-CESQG
 1004795234

 ESE
 170 W MAIN ST
 FINDS
 WI0000051433

< 1/8 0.080 mi. 421 ft.

170 W MAIN ST WAUKESHA, WI 53186

Relative:

Click here for full text details

Higher

RCRA-CESQG

EPA Id: WI0000051433

**FINDS** 

Registry ID:: 110005265499

**ECHO** 

Registry ID: 110005265499

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

D35 **KENTUCKY FRIED CHICKEN** SHWIMS S102454223 **ESE** 170 W MAIN ST **LUST** N/A

WAUKESHA, WI 53186 < 1/8 0.080 mi.

421 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268420900 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 2713200 Facility ID: 268420900

F36 **CONSOLIDATED CAR WASH CORP EDR Hist Auto** 1020139989 N/A

NNE 169 N W BARSTOW ST < 1/8 WAUKESHA, WI 53186

0.081 mi. 428 ft. Relative:

Click here for full text details

Higher

F37 **EXPRESS AUTO SPA** LUST S113928637 NNE 169 NW BARSTOW ST **CRS** N/A

< 1/8 0.081 mi.

WAUKESHA, WI 53186

428 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 26133900 Facility ID: 268136220

**CRS** 

Site ID: 26133900 Facility ID: 268136220

AUL

Status: CLOSED Site Id: 26133900 Facid: 268136220 **AUL** 

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

D38 BARSTOW & MAIN STATION UST U003244367

ESE 205 W MAIN ST N/A < 1/8 WAUKESHA, WI 53186

< 1/8 WAUKESHA 0.083 mi.

437 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

D39 EMPIRE OIL (FORMER) LUST \$105799108
ESE 205 W MAIN ST N/A

ESE 205 W MAIN ST < 1/8 WAUKESHA, WI 0.083 mi.

0.083 m 437 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 8030400 Facility ID: 268198920

D40 J & L OIL CO INC EDR Hist Auto 1021015681
ESE 205 W MAIN ST N/A

ESE 205 W MAIN ST < 1/8 WAUKESHA, WI 53186

0.083 mi. 437 ft.

Click here for full text details

Relative: Higher

\_\_\_\_\_

J41 KENNEDY KEVIN DDS RCRA-CESQG

SSW 324 W MAIN ST < 1/8 WAUKESHA, WI 53186 0.085 mi.

447 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WI0000126789

**FINDS** 

Registry ID:: 110005410448

**ECHO** 

Registry ID: 110005410448

1004795357

WI0000126789

**FINDS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

J42 **KENNEDY KEVIN DDS** SHWIMS S108153566 N/A

SSW 324 W MAIN ST WAUKESHA, WI 53186 < 1/8

0.085 mi. 447 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268432780 Status: OPERATING

**WALGREENS** H43 UST U003956574 230 MADISON ST N/A

West < 1/8 WAUKESHA, WI 53186

0.089 mi. 471 ft.

Click here for full text details Relative:

Higher

UST

Fire Dept ID: 6706

H44 **WALGREENS** SHWIMS 1001082293 West 230 MADISON ST LUST WIR000008342

WAUKESHA, WI 53188 < 1/8 **CRS** 0.089 mi. **AUL** 

471 ft. RCRA NonGen / NLR

Click here for full text details **FINDS** Relative: **ECHO** Higher

**SHWIMS** 

FID: 268499880 FID: 268566870 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 4505400 Facility ID: 268499880

CRS

Site ID: 4505400 Facility ID: 268499880

AUL

Status: CLOSED Site Id: 4505400 Facid: 268499880

**RCRA NonGen / NLR** 

EPA Id: WIR000008342

**FINDS** 

**MANIFEST** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**WALGREENS (Continued)** 1001082293

Registry ID:: 110005512962

**ECHO** 

Registry ID: 110005512962

**MANIFEST** 

ACT Status: I FID: 268499880 EPA ID: WIR000008342

**KIRBY CO** K45 UST U003440105 WNW 145 E NORTH ST N/A

< 1/8 WAUKESHA, WI 53188 0.093 mi.

491 ft.

Click here for full text details Relative:

Higher

UST

Fire Dept ID: 6706

H46 RCRA NonGen / NLR 1001082289 WAUKESHA REALTY DEV CORP **WSW FINDS** WIR000008300

201 MADISON ST < 1/8 WAUKESHA, WI 53186 0.096 mi.

507 ft. Click here for full text details

Relative: Higher **RCRA NonGen / NLR** 

EPA Id: WIR000008300

**FINDS** 

Registry ID:: 110005512935

**ECHO** 

Registry ID: 110005512935

H47 UST U003261647 PROFESSIONAL AUTO REPAIR SERV N/A

wsw 201 MADISON ST < 1/8 WAUKESHA, WI 53188 0.096 mi.

507 ft. Relative:

Click here for full text details

Higher UST

Fire Dept ID: 6706

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

H48 PROFESSIONAL AUTO REPAIR SERVICE **WI ERP** wsw 201 MADISON ST **SHWIMS** 

WAUKESHA, WI 53186 < 1/8

0.096 mi. 507 ft.

Click here for full text details

Relative: Higher

**WI ERP** 

Status: CLOSED Site Id: 4195700 Faclity ID: 268499220

**SHWIMS** 

FID: 268498230 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 4195700 Facility ID: 268499220

**CRS** 

Site ID: 4195700 Facility ID: 268499220

AUL

Status: CLOSED Site Id: 4195700 Facid: 268499220

**CITY OF WAUKESHA** UST U003708759 J49 SSW 346 W MAIN ST N/A

< 1/8 0.100 mi.

527 ft.

Click here for full text details

Relative: Lower

UST

Fire Dept ID: 6706

WAUKESHA, WI 53188

H50 **EDR Hist Auto** 1020192817 **RAEBEL ALOYSIUS** West 214 MADISON ST N/A

< 1/8 0.101 mi. 533 ft.

WAUKESHA, WI 53186

Relative:

Click here for full text details

Higher

S101710578

N/A

**LUST** 

CRS

AUL

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

H51 WHITMORE ENGINE SERVICE UST U003268736 West N/A

214 MADISON ST

< 1/8 WAUKESHA, WI 53186 0.101 mi.

533 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

H52 REETZ PROPERTY LUST S102850979 N/A

West 214 MADISON ST < 1/8 WAUKESHA, WI 0.101 mi.

533 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 6584800 Facility ID: 268535960

S110674879 J53 **NICE ASH CIGAR BAR** SHWIMS **MANIFEST** N/A

SSW 327 W MAIN ST < 1/8 WAUKESHA, WI 53186

0.102 mi. 539 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268619010 Status: OPERATING

**MANIFEST** 

ACT Status: A FID: 268619010 EPA ID: WIR000139428

J54 **NICE ASH CIGAR BAR** RCRA NonGen / NLR 1014402479 WIR000139428

SSW 327 W MAIN ST < 1/8 WAUKESHA, WI 53186

0.102 mi. 539 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR EPA Id: WIR000139428

TC5575612.2s Page 22

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

K55 **SIMMON MARTINEZ** UST U003814332 WNW 147 E NORTH ST N/A

WAUKESHA, WI 53188 < 1/8 0.103 mi.

542 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

K56 FRANK PADRAZA UST U003818637 N/A

124 NORTH ST West < 1/8 WAUKESHA, WI 53186 0.104 mi.

551 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

L57 **AMERICAN FAMILY INSURANCE** UST U003473431 N/A

145 W MAIN ST **ESE** < 1/8 WAUKESHA, WI 53186

0.109 mi. 575 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

L58 **AMERICAN FAMILY INSURANCE** LUST S103340040

**ESE 145 W MAIN ST** < 1/8 WAUKESHA, WI

0.109 mi. 575 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 6897100 Facility ID: 268549490

K59 UST U004180232 **WAUKESHA WATER UTILITY** N/A

WNW 132 E NORTH ST < 1/8 WAUKESHA, WI 53188

0.110 mi. 580 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

K60 **WAUKESHA WATER UTILITY** LUST S102454430 N/A

WNW 132 E NORTH ST < 1/8 WAUKESHA, WI

0.110 mi. 580 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 4096600 Facility ID: 268525400

SHWIMS \$118356347 M61 229 NW BARSTOW N/A

North 229 NW BARSTOW < 1/8 WAUKESHA, WI

0.110 mi. 583 ft.

Click here for full text details

Relative: Higher

**SHWIMS** FID: NONE

Status: UNKNOWN

N62 **AVALON SQUARE** UST U003955519

222 PARK PLACE SE < 1/8 WAUKESHA, WI 53186

0.111 mi. 586 ft.

Click here for full text details Relative:

Higher

UST

Fire Dept ID: 6706

**EDR Hist Auto** N63 **DOUGLAS WILLIAM A** 1022019801 N/A

**ESE** 845 N BARSTOW < 1/8 WAUKESHA, WI 53186

0.112 mi.

591 ft.

Click here for full text details Relative:

Higher

SSE 238 W BROADWAY < 1/8 WAUKESHA, WI 53186

**PROGRESS INC** 

0.116 mi.

N64

614 ft.

Click here for full text details

Relative: Higher

TC5575612.2s Page 24

1020067986

N/A

**EDR Hist Cleaner** 

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

M65 235 NW BARSTOW SHWIMS S118356381 N/A

North 235 NW BARSTOW < 1/8 WAUKESHA, WI

0.117 mi. 617 ft.

Click here for full text details

Relative: Higher

**SHWIMS** FID: NONE Status: UNKNOWN

066 FORMER WAUKESHA FARM SUPPLY COOP UST U003756775 N/A

wsw 125 W ST PAUL AVE < 1/8 WAUKESHA, WI 53187

0.123 mi. 652 ft.

Click here for full text details Relative:

Lower

UST

Fire Dept ID: 6706

P67 BERG MANAGEMENT CO/SILVERSTONE CO LTD SHWIMS S100674487

NW 212 E NORTH ST **LUST** N/A WI WRRSER

WAUKESHA, WI 53188 < 1/8

0.124 mi. 654 ft.

Click here for full text details

Relative: Higher

SHWIMS

FID: 268435310 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 2769300 Facility ID: 268435310

P68 WEBER BREWERY UST U003268461 NW 212 E NORTH ST N/A

< 1/8 WAUKESHA, WI 53188

0.124 mi. 654 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

P69 BERG MANAGEMENT CO/SILVERSTONE CO LTD RCRA NonGen / NLR 1000879583 **FINDS** WI0000122424 NW 212 E NORTH ST

< 1/8 WAUKESHA, WI 53188 0.124 mi.

654 ft.

Click here for full text details

Relative: Higher

**RCRA NonGen / NLR** EPA Id: WI0000122424

**FINDS** 

Registry ID:: 110005409824

**ECHO** 

Registry ID: 110005409824

P70 **SPRING CITY AUTO BODY INC** RCRA-CESQG 1000257762 NW 210 E NORTH ST SHWIMS WID981094568

1/8-1/4 WAUKESHA, WI 53188 0.127 mi.

670 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WID981094568

SHWIMS

FID: 268179780 Status: OPERATING

**FINDS** 

Registry ID:: 110005454132

**ECHO** 

Registry ID: 110005454132

71 **D & D AUTOMOTIVE REPAIR** West 105 E NORTH ST 1/8-1/4 WAUKESHA, WI 53188

0.130 mi. 684 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

**ECHO** 

**FINDS** 

**ECHO** 

UST

U003247200

N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

K72 WAUKESHA WATER UTILITY WNW 115 DELAFIELD ST

1/8-1/4 WAUKESHA, WI 53188 0.131 mi.

692 ft. Relative: Higher

Click here for full text details

SHWIMS

FID: 268023800 Status: CLOSED

UST

Fire Dept ID: 6706

RCRA NonGen / NLR EPA ld: WIR000021063

FINDS

Registry ID:: 110005522728

ECHO

Registry ID: 110005522728

M73 HOPSON SERVICE STATION NNW 401 E NORTH ST

1/8-1/4 WAUKESHA, WI 53188 0.132 mi. 695 ft.

Relative: Higher **Click here for full text details** 

ner SHWIMS

> FID: 268452580 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 4066900 Facility ID: 268135340

CRS

Facility ID: 268135340

AUL

Status: CLOSED Site Id: 4066900 Facid: 268135340 SHWIMS UST

1001126237 WIR000021063

RCRA NonGen / NLR

FINDS ECHO

SHWIMS

WI WRRSER

LUST

**CRS** 

AUL

S100674872

N/A

TC5575612.2s Page 27

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

 M74
 401 MOBIL
 UST
 U003251907

 NNW
 401 E NORTH ST
 Financial Assurance
 N/A

1/8-1/4 WAUKESHA, WI 53186 0.132 mi.

695 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

**Financial Assurance** 

Building ID: 110444

Regulatory Object Id: 366100 Regulatory Object Id: 366516 Regulatory Object Id: 366165 Regulatory Object Id: 366698 Regulatory Object Id: 366517 Regulatory Object Id: 366101 Regulatory Object Id: 366166 Regulatory Object Id: 366167

 M75
 MIANS OIL CORP
 RCRA NonGen / NLR
 1000892360

 NNW
 401 E NORTH ST
 FINDS
 WI0000289272

 1/8-1/4
 WAUKESHA, WI 53188
 ECHO

0.132 mi. 695 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR EPA ld: WI0000289272

**FINDS** 

Registry ID:: 110005413383

**ECHO** 

Registry ID: 110005413383

 O76
 WARREN REAL ESTATE INC
 UST
 U004124766

 WSW
 111 ANN ST
 N/A

1/8-1/4 WAUKESHA, WI 53186

0.133 mi.

0.133 m 704 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

N77 WAUKESHA FREEMAN UST U003465901
SE 811 BARSTOW ST N/A

1/8-1/4 WAUKESHA, WI 53186 0.135 mi.

711 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

N78 WAUKESHA FREEMAN RCRA-CESQG 1004796553
SE 200 PARK PL WI ERP WID102207644

1/8-1/4 WAUKESHA, WI 53187 0.136 mi.

0.136 m 716 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WID102207644

**WI ERP** 

Status: CLOSED Site Id: 1015600 Faclity ID: 268212560

**SHWIMS** 

FID: 268212560 Status: OPERATING

79 CITY OF WAUKESHA UST U003719347 SW 390 W MAIN ST N/A

1/8-1/4 0.141 mi. 744 ft.

Click here for full text details

WAUKESHA, WI 53186

Relative: Lower

UST

Fire Dept ID: 6706

\_\_\_\_

 N80
 WAUKESHA FREEMAN
 WI ERP
 1001216601

 SE
 801 N BARSTOW ST
 SHWIMS
 WIR000028902

 1/8-1/4
 WAUKESHA, WI 53186
 RCRA NonGen / NLR

0.143 mi.
754 ft.
Click here for full text details
MANIFEST

Relative: Higher

....

WI ERP Status: OPEN

Site Id: 6457500 Faclity ID: 268530350

SHWIMS

FID: 268530350

**SHWIMS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

WAUKESHA FREEMAN (Continued)

1001216601

UST

**AST** 

UST

AST

U003756774

U003756773

N/A

N/A

Status: OPERATING

**RCRA NonGen / NLR** 

EPA Id: WIR000028902

**FINDS** 

Registry ID:: 110005528553

**ECHO** 

Registry ID: 110005528553

**MANIFEST** 

ACT Status: I FID: 268530350 EPA ID: WIR000028902

FORMER HUNTER FUEL & ICE CO **O81** 149 W ST PAUL AVE

**WSW** 1/8-1/4 0.151 mi.

WAUKESHA, WI 53187

Relative:

797 ft.

**Click here for full text details** 

Lower

UST

Fire Dept ID: 6706

**AST** 

Fire Dept ID: 6706

**O82** FORMER CITIES SERVICE OIL CO

wsw 1/8-1/4 0.158 mi. 834 ft.

155 W ST PAUL AVE WAUKESHA, WI 53187

Relative:

Click here for full text details

Lower

UST

Fire Dept ID: 6706

**AST** 

Fire Dept ID: 6706

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

P83 CITY OF WAUKESHA CITY HALL UST U003955502
NW 201 DELAFIELD ST N/A

1/8-1/4 WAUKESHA, WI 53188 0.158 mi.

836 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

WAUKESHA, WI

 P84
 WAUKESHA CTY HALL
 LUST
 \$100553242

 NW
 201 DELAFIELD ST
 BRRTS
 N/A

1/8-1/4 0.158 mi. 836 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 3965000 Facility ID: 268368980

**BRRTS** 

Site Id: 3965000 Status: NAR

Click here for WDNR BRRTS Link

 Q85
 GOHR POWER
 RCRA-CESQG
 1004795504

 NNW
 412 E NORTH ST
 SHWIMS
 WI0000322552

1/8-1/4 0.161 mi. 849 ft. 412 E NORTH ST WAUKESHA, WI 53188

Click here for full text details
Relative:

Relative: Higher

RCRA-CESQG

EPA ld: WI0000322552

SHWIMS

FID: 268450490 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 2844400 Facility ID: 268450490

FINDS

Registry ID:: 110005413445

**ECHO** 

Registry ID: 110005413445

LUST

**FINDS** 

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

Q86 GOHR POWER CO UST U003251979
NNW 412 E NORTH ST N/A

NNW 412 E NORTH ST 1/8-1/4 WAUKESHA, WI 53188 0.161 mi.

849 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

R87 WAUKESHA MEMORIAL HOSPITAL PROPERTY LUST U003024328
South 723 CLINTON N/A

South 723 CLINTON 1/8-1/4 WAUKESHA, WI 0.161 mi.

0.161 m 851 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 4186100 Facility ID: 268495700

R88 WAUKESHA MEMORIAL HOSP INC UST U003268280
South 723 CLINTON ST N/A

South 723 CLINTON ST 1/8-1/4 WAUKESHA, WI 53186

0.161 mi. 851 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

S89 SOUTHEAST WISC REGIONAL PLNG COMM RCRA-CESQG
East 916 N EAST AVE SHWIMS

East 916 N EAST AVE 1/8-1/4 WAUKESHA, WI 53186 0.164 mi.

Relative: Click here for full text details

Higher

866 ft.

RCRA-CESQG

EPA Id: WID988593539

SHWIMS

FID: 268278340 Status: OPERATING

FINDS

Registry ID:: 110005476662

**ECHO** 

Registry ID: 110005476662

1004797671

**FINDS** 

**ECHO** 

WID988593539

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

T90 237 MADISON ST SHWIMS S118356388 N/A

wsw 237 MADISON ST 1/8-1/4 WAUKESHA, WI 0.166 mi.

878 ft.

Click here for full text details

Relative: Higher

**SHWIMS** FID: NONE Status: UNKNOWN

INTELLIGRAPHICS INTERNATIONAL SHWIMS 1001092504 91

South 741 N GRAND AVE 1/8-1/4

WAUKESHA, WI 53186 0.168 mi.

RCRA NonGen / NLR WIR000011775 **FINDS ECHO** 

Relative: Higher

888 ft.

Click here for full text details

**SHWIMS** 

FID: 268458740 Status: OPERATING

RCRA NonGen / NLR EPA Id: WIR000011775

**FINDS** 

Registry ID:: 110005515512

**ECHO** 

Registry ID: 110005515512

U92 O'REILLY AUTO PARTS #3283 RCRA-CESQG 1016977857

SE 1501 STH 164 S 1/8-1/4 WAUKESHA, WI 53186

0.170 mi. 897 ft.

Click here for full text details Relative:

Higher

**RCRA-CESQG** 

EPA Id: WIR000152272

U93 O'REILLY AUTO PARTS #3283 SHWIMS S117343601 N/A

SE 1501 STH 164 S 1/8-1/4 WAUKESHA, WI 53186 0.170 mi.

897 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268647830 Status: OPERATING WIR000152272

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

R94 **TOTEM BOWL INC** UST U003815676 SSW 714 CLINTON ST N/A

1/8-1/4 0.180 mi.

952 ft.

Relative:

Click here for full text details

Higher

UST

Fire Dept ID: 6706

WAUKESHA, WI 53186

T95 **WAUKESHA CITY OF FIRE STATION 1** SHWIMS 1000662516 wsw 130 W SAINT PAUL AVE LUST WID988593356

WAUKESHA, WI 53188 **RCRA NonGen / NLR** 1/8-1/4 0.181 mi. 954 ft.

Relative:

Click here for full text details

Lower **SHWIMS** 

> FID: 268277570 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 1452200 Facility ID: 268277570

**RCRA NonGen / NLR** EPA Id: WID988593356

**FINDS** 

Registry ID:: 110005476573

**ECHO** 

Registry ID: 110005476573

T96 **CITY OF WAUKESHA FIRE DEPT** UST U003482091 wsw 130 W ST PAUL AVE

1/8-1/4 0.181 mi. 954 ft.

Click here for full text details

Relative: Lower

UST

Fire Dept ID: 6706

WAUKESHA, WI 53188

N/A

**FINDS** 

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

V97 ST JOSEPHS CHURCH UST U003952785
ESE 822 N EAST AVE N/A

1/8-1/4 0.183 mi. 965 ft.

Click here for full text details

WAUKESHA, WI 53186

Relative: Higher

UST

Fire Dept ID: 6706

WAUKESHA, WI 53186

 V98
 ST JOSEPHS MEDICAL & DENTAL CLINIC
 RCRA-CESQG
 1007881513

 ESE
 826 N EAST AVE
 SHWIMS
 WIR000120527

1/8-1/4 0.183 mi. 965 ft.

Relative: Higher Click here for full text details

RCRA-CESQG

EPA Id: WIR000120527

SHWIMS

FID: 268534970 Status: OPERATING

**MANIFEST** 

ACT Status: A FID: 268534970 EPA ID: WIR000120527

W99 DIXON OIL INC (FORMER)
NNE 625 E ST PAUL AVE
1/8-1/4 WAUKESHA, WI 53188
0.190 mi.

Relative: Higher

1002 ft.

Click here for full text details

SHWIMS

FID: 268442130 Status: CLOSED

LUST

Facility Status: CLOSED Site Id: 2881000 Facility ID: 268442130

**CRS** 

Site ID: 17751900 Site ID: 2881000 Facility ID: 268590190 Facility ID: 268442130

**AUL** 

Status: CLOSED

TC5575612.2s Page 35

**MANIFEST** 

**SHWIMS** 

**LUST** 

**CRS** 

**AUL** 

**SPILLS** 

S105108339

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**DIXON OIL INC (FORMER) (Continued)** 

S105108339

**VCP** 

**BRRTS** 

**BROWNFIELDS** 

Site Id: 2881000 Facid: 268442130

**SPILLS** 

Site Id: 5216800 Status: HISTORIC SPILL

W100 **DIXON OIL INC** RCRA NonGen / NLR 1000921114 WI0000673327 NNE 625 E ST PAUL AVE MANIFEST

1/8-1/4 WAUKESHA, WI 53188 0.190 mi.

1002 ft.

Click here for full text details Relative:

Higher

RCRA NonGen / NLR EPA Id: WI0000673327

**MANIFEST** 

ACT Status: A FID: 268442130 EPA ID: WI0000673327

W101 **DIXON OIL COMPANY WI ERP** S108436683 NNE **625 EAST ST PAUL AVE AUL** N/A

1/8-1/4 0.190 mi. 1002 ft.

WAUKESHA, WI

Click here for full text details Relative:

Higher **WI ERP** 

> Status: CLOSED Site Id: 17751900 Faclity ID: 268590190

AUL

Status: CLOSED Site Id: 17751900 Facid: 268590190

**VCP** 

Status: VPLE WITHDRAWN Site Id: 17751900 Faclity ID: 268590190

**BROWNFIELDS** 

Status: VPLE WITHDRAWN Faclity ID: 268590190 Site Id: 17751900

**BRRTS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**DIXON OIL COMPANY (Continued)** 

Site Id: 17751900 Status: NAR

Click here for WDNR BRRTS Link

W102 **DIXON OIL INC** UST U003469312 NNE 625 E ST PAUL AVE AST N/A

1/8-1/4 WAUKESHA, WI 53188 0.190 mi. 1002 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

**AST** 

Fire Dept ID: 6706

X103 **WAU WIS TRADING POST** UST U003268235 N/A

North **511 E NORTH ST** 1/8-1/4 WAUKESHA, WI 53188

0.190 mi. 1003 ft.

Click here for full text details Relative:

Higher

UST

Fire Dept ID: 6706

WAUKESHA, WI 53188

X104 MONAHAN, STEPHANIE **SHWIMS** S105846899 North **511 E NORTH ST BRRTS** N/A

1/8-1/4 0.190 mi.

1003 ft.

Click here for full text details

Relative: Higher

SHWIMS

FID: 268305070 Status: OPERATING

**BRRTS** 

Site Id: 2118200 Status: NAR

Click here for WDNR BRRTS Link

S108436683

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

X105 **MONAHAN STEPHANIE** RCRA NonGen / NLR 1000664622 North **511 E NORTH ST** FINDS WID988615076

1/8-1/4 WAUKESHA, WI 53188 0.190 mi. 1003 ft.

Click here for full text details Relative:

Higher RCRA NonGen / NLR EPA Id: WID988615076

**ECHO** 

**FINDS** Registry ID:: 110005489131

Registry ID: 110005489131

Y106 **BILL RANKIN AUTO SVC CTR** SHWIMS 1001121879 SW 431 W MAIN ST RCRA NonGen / NLR WIR000017434

1/8-1/4 **FINDS** WAUKESHA, WI 53186 0.193 mi. **ECHO** 1017 ft. **BRRTS** 

Click here for full text details Relative:

SHWIMS FID: 268514840 Status: OPERATING

Lower

RCRA NonGen / NLR

EPA Id: WIR000017434

**FINDS** Registry ID:: 110005519956

**ECHO** Registry ID: 110005519956

Site Id: 4685200 Status: NAR

Click here for WDNR BRRTS Link

UST U003262096 Y107 **RANKINS SERVICE** SW 431 W MAIN ST N/A

1/8-1/4 WAUKESHA, WI 53186 0.193 mi. 1017 ft. Click here for full text details

Relative:

Fire Dept ID: 6706

Lower

**BRRTS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

V108 **COMPLETE FAMILY DENTISTRY** 

**ESE** 823 N EAST AVE WAUKESHA, WI 53186 1/8-1/4

0.202 mi. 1066 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WI0000117903

**SHWIMS** 

FID: 268430580 Status: OPERATING

**FINDS** 

Registry ID:: 110005409548

**ECHO** 

Registry ID: 110005409548

Z109 **SARATOGA HEIGHTS** 120 CORRINA BLVD

**ENE** 1/8-1/4 0.205 mi. 1084 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

WAUKESHA, WI 53186

**AST** 

Fire Dept ID: 6706

WAUKESHA, WI 53186

Z110 **WAUKESHA CNTY HOUSING AUTHORITY** 120 CORRINA BLVD

**ENE** 1/8-1/4 0.205 mi. 1084 ft.

Click here for full text details

Relative: Higher

SHWIMS

FID: 999967540 Status: OPERATING

**BRRTS** 

Site Id: 1939800 Status: NAR

Click here for WDNR BRRTS Link

RCRA-CESQG 1004795310 SHWIMS WI0000117903

U003956918

S105848641

N/A

N/A

UST

**AST** 

SHWIMS

**BRRTS** 

**FINDS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

S111 **GEORGE J HANACIK** UST U003493841 **ESE** 110 ARCADIAN AVE N/A

WAUKESHA, WI 53186 1/8-1/4 0.205 mi.

1085 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

**AA112 AEROSHARP TOOL CO INC** SHWIMS 1004795898 WID006095723 RCRA NonGen / NLR

SE 122 SOUTH ST 1/8-1/4 **WALES, WI 53183** 0.206 mi.

1087 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268238300 Status: OPERATING

RCRA NonGen / NLR EPA Id: WID006095723

U003262093 **AB113 RANDYS IMPORT AUTO REPAIR** UST N/A

East 117 E MAIN ST 1/8-1/4 WAUKESHA, WI 53186

0.210 mi. 1110 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

AC114 **WAUKESHA STATE BANK PROPERTY** WI ERP S107032837 wsw W ST PAUL AVE VACANT 5 ACRES LAST N/A

1/8-1/4 WAUKESHA, WI

0.211 mi. 1116 ft.

Click here for full text details

Relative: Lower

**WI ERP** 

Status: CLOSED Site Id: 7610400 Faclity ID: 368009070

LAST

Status: CLOSED Site ID: 7610400 Facility ID: 368009070

LUST

Facility Status: CLOSED Site Id: 7610400

**LUST** 

**CRS** 

AUL

Direction Distance Elevation

Site Da

EDR ID Number Database(s) EPA ID Number

## WAUKESHA STATE BANK PROPERTY (Continued)

S107032837

1000104406

WID980794325

RCRA-CESQG

SHWIMS

LUST

**FINDS** 

**ECHO** 

TIER 2

**MANIFEST** 

Facility ID: 368009070

**CRS** 

Site ID: 7610400 Facility ID: 368009070

AUL

Status: CLOSED Site Id: 7610400 Facid: 368009070

AD115 SSE 1/8-1/4 0.214 mi. 1130 ft. WISCONSIN BELL INC PF0112 220 WISCONSIN AVE WAUKESHA, WI 53186

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WID980794325

SHWIMS

FID: 268159430 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 1095100 Facility ID: 268159430

**FINDS** 

Registry ID:: 110005452768

**ECHO** 

Registry ID: 110005452768

**MANIFEST** 

ACT Status: I ACT Status: A FID: 268159430 EPA ID: WID980794325

TIER 2

Facility ID: 13071 Facility ID: 21407 Facility ID: 132560 Facility ID: 21406

Direction Distance

**EDR ID Number** Database(s) Elevation Site **EPA ID Number** 

**AD116 AT&T WISCONSIN** UST U003973681 SSE 220 W WISCONSIN AVE **AST** N/A

1/8-1/4 WAUKESHA, WI 53186 0.214 mi.

1130 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

**AST** 

Fire Dept ID: 6706

UST U003830743 117 **JUDY MAYER** 

NNW **415 BUENA VISTA AVE** 1/8-1/4 WAUKESHA, WI 53188

0.216 mi. 1140 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

**SCOTTYS AUTO SALES** UST U004285211 **AB118** N/A

East **200 E MAIN** 

1/8-1/4 WAUKESHA, WI 53186 0.218 mi.

1149 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

AB119 **RIGHT OF WAY** U004285210 East **200 E MAIN** N/A

1/8-1/4 WAUKESHA, WI 53186

0.218 mi. 1149 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

**AB120 SCOTTYS AUTO SALES** SHWIMS 1001226521

LUST WIR000032698 **East** 200 E MAIN 1/8-1/4 WAUKESHA, WI 53186 RCRA NonGen / NLR

0.218 mi. **FINDS** 1149 ft. **ECHO** 

Relative: Higher

Click here for full text details

**SHWIMS** 

FID: 268543880 Status: OPERATING

LUST

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

SCOTTYS AUTO SALES (Continued)

1001226521

Facility Status: CLOSED Site Id: 6777700 Facility ID: 268543880

RCRA NonGen / NLR

EPA Id: WIR000032698

**FINDS** 

Registry ID:: 110005531291

**ECHO** 

Registry ID: 110005531291

**AA121 FERRIS TRAVEL** UST U003250440 SE 144 W BROADWAY N/A 1/8-1/4 WAUKESHA, WI 53186

0.218 mi. 1153 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

AD122 **SCHLEY BALDWIN INS** UST U003458369

SSE **204 WISCONSIN AVE** 1/8-1/4 WAUKESHA, WI 53186 0.218 mi.

1153 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

WAUKESHA, WI 53186

UST U003818874 V123 DR RICHARD OFFERMAN ESE 817 N EAST AVE N/A

1/8-1/4 0.221 mi. 1165 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

V124 **OFFERMAN R E DR** SHWIMS S108155709 **ESE** 817 N EAST AVE N/A

WAUKESHA, WI 53186 1/8-1/4 0.221 mi. 1165 ft.

Relative:

Click here for full text details

Higher

**SHWIMS** 

FID: 268436850 Status: OPERATING

V125 RCRA-CESQG 1004795384 OFFERMAN R E DR WI0000138750 **ESE** 817 N EAST AVE **FINDS** WAUKESHA, WI 53186 **ECHO** 

1/8-1/4 0.221 mi.

1165 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WI0000138750

**FINDS** 

Registry ID:: 110005410910

**ECHO** 

Registry ID: 110005410910

AC126 **GLENS AUTO BODY INC** wsw 200 W ST PAUL AVE 1/8-1/4 WAUKESHA, WI 53188

0.226 mi. 1195 ft.

Click here for full text details

Relative: Lower

**RCRA-CESQG** 

EPA Id: WIR00000554

**SHWIMS** 

FID: 268474030 Status: OPERATING

**FINDS** 

Registry ID:: 110005507629

**ECHO** 

Registry ID: 110005507629

RCRA-CESQG

SHWIMS

**FINDS** 

**ECHO** 

1000993339

WIR00000554

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**AE127** JENDUSA PHARMACY-AURORA PHARMACY INC **SHWIMS** S108153255 NW **304 DELAFIELD ST** N/A

1/8-1/4 WAUKESHA, WI 53188 0.229 mi.

1208 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268569950 Status: OPERATING

S109326843 **AA128** THE CARE CENTER WI ERP SE 726 EAST AVE **MANIFEST** N/A

1/8-1/4 0.231 mi.

WAUKESHA, WI 53186

Relative:

1221 ft.

Click here for full text details

Higher

**WI ERP** 

Status: CLOSED Site Id: 2737000 Faclity ID: 268404950

**MANIFEST** 

ACT Status: A FID: 268404950 EPA ID: WI0000083188

SHWIMS \$109319327

**AA129** THE CARE CENTER SE 726 EAST AVE 1/8-1/4 WAUKESHA, WI 53186

0.231 mi. 1221 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268404950 Status: OPERATING

AE130 **ONE HOUR MARTINIZING** RCRA-CESQG 1000221186 NW 310 DELAFIELD ST WI ERP WID982423733

WAUKESHA, WI 53188 1/8-1/4 0.233 mi. 1232 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** EPA Id: WID982423733

**WI ERP** 

Status: CLOSED Site Id: 1244100

TC5575612.2s Page 45

N/A

SHWIMS

**CRS** 

**AUL** 

**FINDS** 

**ECHO** 

**MANIFEST** 

Direction Distance Elevation

**EDR ID Number** Site Database(s) **EPA ID Number** 

**ONE HOUR MARTINIZING (Continued)** 

1000221186

Faclity ID: 268226090

**SHWIMS** 

FID: 268226090 Status: OPERATING

**CRS** 

Site ID: 1244100 Facility ID: 268226090

AUL

Status: CLOSED Site Id: 1244100 Facid: 268226090

**FINDS** 

Registry ID:: 110005462276

**ECHO** 

Registry ID: 110005462276

**MANIFEST** 

ACT Status: A ACT Status: I FID: 268226090

EPA ID: WID982423733

SSE 1/8-1/4 0.236 mi.

AF131

**KURTSCH ROBERT DDS SC 148 WISCONSIN AVE** WAUKESHA, WI 53186

1246 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WI0000136150

Registry ID:: 110005410796

**ECHO** 

Registry ID: 110005410796

RCRA-CESQG 1004795373

WI0000136150

**FINDS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

AF132 **KURTSCH ROBERT DDS SC SHWIMS** S108153771 N/A

SSE **148 WISCONSIN AVE** 1/8-1/4 WAUKESHA, WI 53186 0.236 mi.

1246 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268437510 Status: OPERATING

UST U003959632 **AA133 WOMENS CENTER** N/A

SE 726 N EAST AVE 1/8-1/4 WAUKESHA, WI 53186

0.236 mi. 1246 ft.

Click here for full text details Relative:

Higher

UST

Fire Dept ID: 6706

R D WOODS CO (WOMENS CENTER) **AA134 RCRA NonGen / NLR** 1001121921 WIR000017855

SE 726 N EAST AVE SITE B 1/8-1/4 WAUKESHA, WI 53186

0.236 mi.

1246 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR EPA Id: WIR000017855

SHWIMS \$108156560 **AA135** R D WOODS CO WOMENS CENTER

SE 726 N EAST AVE 1/8-1/4 WAUKESHA, WI 53186

0.236 mi. 1246 ft.

Relative:

Click here for full text details

Higher

**SHWIMS** 

FID: 268517260 Status: OPERATING

AE136 SHELL FORMER WILLIAMS RCRA NonGen / NLR 1000839890 **FINDS** WID988634390

NW 318 DELAFIELD ST 1/8-1/4 WAUKESHA, WI 53186 0.240 mi.

1267 ft.

Click here for full text details

Relative: Higher

RCRA NonGen / NLR EPA Id: WID988634390

**FINDS** 

Registry ID:: 110005500458

**ECHO** 

N/A

Direction Distance

**EDR ID Number** Database(s) Elevation Site **EPA ID Number** 

SHELL FORMER WILLIAMS (Continued)

1000839890

U002216856

Registry ID: 110005500458

**AE137 MOON'S AUTOMOTIVE REPAIR**  UST U003269141 **AST** N/A

NW 318 DELAFIELD ST 1/8-1/4 WAUKESHA, WI 53188 0.240 mi.

1267 ft.

Click here for full text details

Relative: Higher

UST

Fire Dept ID: 6706

**AST** 

Fire Dept ID: 6706

**AE138** WILLIAMS SHELL (FORMER) NW 318 DELAFIELD ST 1/8-1/4 WAUKESHA, WI 53186 0.240 mi.

LUST N/A **CRS** AUL

SHWIMS

RCRA-CESQG

**FINDS** 

**ECHO** 

Relative: Higher

1267 ft.

Click here for full text details

**SHWIMS** 

FID: 268350720 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 2536000 Facility ID: 268350720

**CRS** 

Site ID: 2536000 Facility ID: 268350720

AUL

Status: CLOSED Site Id: 2536000 Facid: 268350720

AD139 **JOHNSON TERRENCE DDS** SSE 217 WISCONSIN AVE STE 324 1/8-1/4 WAUKESHA, WI 53186

0.240 mi. 1268 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WI0000125831

**FINDS** 

1004795343

WI0000125831

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**JOHNSON TERRENCE DDS (Continued)** 

1004795343

WI0000117481

RCRA-CESQG 1004795307

SHWIMS

**FINDS** 

**ECHO** 

Registry ID:: 110009513400

**ECHO** 

Registry ID: 110009513400

**DENTAL OFFICE** 

SSE 217 WISCONSIN AVE STE 401 1/8-1/4 WAUKESHA, WI 53186

0.240 mi. 1268 ft.

AD140

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA ld: WI0000117481

**SHWIMS** 

FID: 268430910 Status: OPERATING

**FINDS** 

Registry ID:: 110005409478

**ECHO** 

Registry ID: 110005409478

AD141 **JOHNSON, TERRENCE DDS** SSE 217 WISCONSIN AVE STE 324

WAUKESHA, WI 53186

1/8-1/4 0.240 mi.

1268 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268435420 Status: OPERATING

AC142 wsw 1/8-1/4 0.240 mi.

TOMS HEATING SERVICE INC 212 W ST PAUL AVE WAUKESHA, WI 53188

1268 ft.

Click here for full text details

Relative: Lower

**RCRA-CESQG** 

EPA Id: WI0000148155

SHWIMS

FID: 268113450 Status: OPERATING

LUST

WI0000148155

S108153412

N/A

LUST **FINDS** 

RCRA-CESQG 1004795398

**ECHO** 

SHWIMS

SHWIMS

TC5575612.2s Page 49

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**TOMS HEATING SERVICE INC (Continued)** 

1004795398

**ECHO** 

**SPILLS** 

Facility Status: CLOSED Site Id: 2811000 Facility ID: 268113450

**FINDS** 

Registry ID:: 110005411241

**ECHO** 

Registry ID: 110005411241

AC143 TOMS HEATING SERVICE INC UST U003463076 wsw 212 W ST PAUL AVE N/A

1/8-1/4 WAUKESHA, WI 53187 0.240 mi.

1268 ft.

Click here for full text details

Relative: Lower

UST

Fire Dept ID: 6706

WAUKESHA, WI 53188

AG144 **CAR DOCTORS** SHWIMS 1000879303 WSW 215 W NORTH ST RCRA NonGen / NLR WI0000038901 1/8-1/4 **FINDS** 

0.248 mi. 1307 ft.

Click here for full text details

Relative: Higher

SHWIMS

FID: 268415950 Status: OPERATING

**RCRA NonGen / NLR** 

EPA Id: WI0000038901

**FINDS** 

Registry ID:: 110005265159

**ECHO** 

Registry ID: 110005265159

SHWIMS 145 **SEIER RAYMOND** S105108747 SW 487 W MAIN ST LUST N/A

1/4-1/2 0.255 mi. 1346 ft.

Click here for full text details

Relative: Lower

SHWIMS

FID: 268424970 Status: OPERATING

WAUKESHA, WI 53186

Direction Distance Elevation

ce EDR ID Number ion Site Database(s) EPA ID Number

**SEIER RAYMOND (Continued)** 

S105108747

S108157853

S118354042

N/A

N/A

SHWIMS

**BRRTS** 

LUST

**CRS** 

**AUL** 

LUST

Facility Status: CLOSED Site Id: 4088700 Facility ID: 268414080

**SPILLS** 

Site Id: 6279700

Status: HISTORIC SPILL

146 STAY-LITE LIGHTING INC WSW 222 W ST PAUL AVE 1/4-1/2 WAUKESHA, WI 53187

0.265 mi. 1397 ft.

Click here for full text details

Relative: Lower

SHWIMS

FID: 998291470 Status: OPERATING

**BRRTS** 

Site Id: 26598000 Status: NAR

147 NW 1/4-1/2 0.266 mi. BERTRAM RESIDENCE 420 NW BARSTOW ST WAUKESHA, WI 53188

1407 ft. Relative:

Click here for full text details

Higher LUST

Facility Status: CLOSED Site Id: 28312000 Facility ID: 268510610

**CRS** 

Facility ID: 268510610

**AUL** 

Status: CLOSED Site Id: 28312000 Facid: 268510610

TC5575612.2s Page 51

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Database(s) Elevation Site **EPA ID Number** 

AH148 **EVANS CHARLES L DDS SC** RCRA-CESQG 1004795356 SE 717 N EAST AVE A SHWIMS WI0000126730

1/4-1/2 WAUKESHA, WI 53186 **FINDS** 0.272 mi. **ECHO** 

1438 ft.

Click here for full text details

Relative: Higher

**RCRA-CESQG** 

EPA Id: WI0000126730

**SHWIMS** 

FID: 268430360 Status: OPERATING

**FINDS** 

Registry ID:: 110005410411

**ECHO** 

Registry ID: 110005410411

AH149 **DAVIES ROBERT E** RCRA-CESQG 1004795355 WI0000126722 SE SHWIMS

717 N EAST AVE B 1/4-1/2 WAUKESHA, WI 53186 0.272 mi.

1438 ft.

Click here for full text details

Relative: Higher

RCRA-CESQG

EPA Id: WI0000126722

**SHWIMS** 

FID: 268433440 Status: OPERATING

**FINDS** 

Registry ID:: 110005410402

**ECHO** 

Registry ID: 110005410402

AG150 PRECISION MOLD PLATING INC SHWIMS 1000172130

RCRA NonGen / NLR wsw WID981537368 131 EMILY ST WAUKESHA, WI 53186 **FINDS** 1/4-1/2 0.275 mi. **ECHO** 

1450 ft.

Click here for full text details Relative:

Higher

SHWIMS

FID: 268195730 Status: CLOSED

RCRA NonGen / NLR

**FINDS** 

**ECHO** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

PRECISION MOLD PLATING INC (Continued)

1000172130

EPA Id: WID981537368

**FINDS** 

Registry ID:: 110005456951

**ECHO** 

Registry ID: 110005456951

151 **PARTS HUT INC WI ERP** S121292325 **ESE** 735 PLEASANT ST CRS N/A 1/4-1/2 WAUKESHA, WI 53186 **AUL** 

0.308 mi. 1626 ft.

Relative: Higher

Click here for full text details

WI ERP

Status: CLOSED Site Id: 29081900

Faclity ID: 268666090

**CRS** 

Facility ID: 268666090

AUL

Status: CLOSED Site Id: 29081900 Facid: 268666090

WAUKESHA, WI 53186

SHWIMS AI152 **MOBIL OIL CORP** 1000662749 SE **101 E BROADWAY** N/A

1/4-1/2 0.316 mi.

1666 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268281530 Status: OPERATING

WAUKESHA, WI 53186

AI153 **MOBIL OIL CORP** LUST S104946906 SE **101 E BROADWAY SPILLS** N/A

1/4-1/2 0.316 mi. 1666 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 1475800 Facility ID: 268281530

**SPILLS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

MOBIL OIL CORP (Continued)

Site Id: 5808400

Status: HISTORIC SPILL

SHWIMS S103228699 AI154 **S F PETROLEUM** SE 114 E BROADWAY LUST N/A

1/4-1/2 WAUKESHA, WI 53186 0.325 mi.

1714 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268480630 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 3099200 Facility ID: 268480630

AJ155 315 ARCADIAN AVE SHWIMS \$118356677 N/A

**ESE** 315 ARCADIAN AVE 1/4-1/2 WAUKESHA, WI

0.330 mi. 1742 ft.

Click here for full text details

Relative: Higher

**SHWIMS** FID: NONE

Status: UNKNOWN

AJ156 **RESIDENTIAL** SHWIMS S118356698 **ESE 319 ARCADIAN AVE ASBESTOS** N/A

1/4-1/2 WAUKESHA, WI 0.338 mi.

1786 ft.

Click here for full text details Relative:

Higher

**SHWIMS** FID: NONE Status: UNKNOWN

AI157 **BURAK PROPERY (FMR) WI ERP** S109014188 SE **200 E BROADWAY CRS** N/A 1/4-1/2 WAUKESHA, WI **AUL** 

0.340 mi. 1794 ft.

Click here for full text details Relative:

Higher

**WI ERP** 

Status: CLOSED Site Id: 19567900 Faclity ID: 268600970

**CRS** 

S104946906

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**BURAK PROPERY (FMR) (Continued)** 

S109014188

**FINDS** 

**ECHO** 

**BRRTS** 

Site ID: 19567900 Facility ID: 268600970

AUL

Status: CLOSED Site Id: 19567900 Facid: 268600970

AJ158 **403 ARCADIAN AVE** SHWIMS S118356857 N/A

**ESE 403 ARCADIAN AVE** 1/4-1/2 WAUKESHA, WI

0.342 mi. 1808 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: NONE Status: UNKNOWN

AK159 **OLDE ENGLISH FLOWER SHOPPE** SHWIMS 1001204152 RCRA NonGen / NLR WIR000025916

SE 210 E BROADWAY 1/4-1/2 WAUKESHA, WI 53186 0.350 mi.

1850 ft. Click here for full text details

Relative: Higher

SHWIMS

FID: 268532770 Status: OPERATING

RCRA NonGen / NLR EPA Id: WIR000025916

**FINDS** 

Registry ID:: 110005526369

**ECHO** 

Registry ID: 110005526369

**BRRTS** 

Site Id: 6523100 Status: NAR

Click here for WDNR BRRTS Link

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**AL160 BAUER SCHMIDT BAYER FAHL DRS** 

South **429 N GRAND AVE** 1/4-1/2 WAUKESHA, WI 53186

0.353 mi. 1862 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268449500 Status: UNKNOWN

**RCRA NonGen / NLR** 

EPA Id: WI0000361519

**FINDS** 

Registry ID:: 110005413999

**ECHO** 

Registry ID: 110005413999

WHITE AIRE ENGINE DIV AJ161 **ESE 405 ARCADIAN AVE** 

1/4-1/2 WAUKESHA, WI 53186 0.355 mi.

Relative:

1875 ft.

Higher

Click here for full text details

**SHWIMS** 

FID: 268519900 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 4760700 Facility ID: 268519900

LAST

Status: CLOSED Site ID: 4760700 Facility ID: 268519900

CRS

Site ID: 4760700 Facility ID: 268519900

**AUL** 

Status: CLOSED Site Id: 4760700

**SHWIMS** 1000920842 RCRA NonGen / NLR WI0000361519

**FINDS** 

SHWIMS

LUST

LAST CRS

AUL

**FINDS** 

**ECHO BRRTS** 

**RCRA NonGen / NLR** 

1001126217

WIR000020693

**ECHO** 

TC5575612.2s Page 56

Direction Distance

**EDR ID Number** Database(s) Elevation Site **EPA ID Number** 

WHITE AIRE ENGINE DIV (Continued)

1001126217

Facid: 268519900

**RCRA NonGen / NLR** 

EPA Id: WIR000020693

**FINDS** 

Registry ID:: 110005522416

**ECHO** 

Registry ID: 110005522416

**BRRTS** 

Site Id: 4760700 Status: GEN PROP

Click here for WDNR BRRTS Link

AM162 **410 ARCADIAN AVE** SHWIMS \$118356892 N/A

**East 410 ARCADIAN AVE** 1/4-1/2 WAUKESHA, WI

0.356 mi. 1882 ft.

Click here for full text details

Relative: Higher

SHWIMS FID: NONE

Status: UNKNOWN

AN163 S121898874 **VACANT MCGLENN PARCEL (FMR)** WI ERP N/A

E MAIN ST AND N HARTWELL AVE East

1/4-1/2 WAUKESHA, WI

0.370 mi.

1952 ft.

Click here for full text details Relative:

Higher

**WI ERP** 

Status: OPEN Site Id: 30325900 Faclity ID: 268673790

SHWIMS **AL164 CENTRAL MIDDLE SCHOOL** S108150042

South **400 N GRAND AVE** 1/4-1/2 WAUKESHA, WI 53186

0.381 mi. 2011 ft.

Click here for full text details

Relative: Higher

SHWIMS

FID: 268286920 Status: OPERATING N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

 165
 FAMILY DOLLAR #6294
 SHWIMS
 \$108633476

 SE
 139 E BROADWAY
 BRRTS
 N/A

1/4-1/2 0.385 mi. 2035 ft.

Click here for full text details

Relative: Higher

SHWIMS

FID: 268653550 Status: OPERATING

WAUKESHA, WI 53186

**BRRTS** 

Site Id: 17861900 Status: NAR

 AK166
 USPS WAUKESHA
 WI ERP
 1000697650

 SE
 300 E BROADWAY
 SHWIMS
 WI2180090464

1/4-1/2 WAUKESHA, WI 53186 LUST
0.389 mi. RCRA NonGen / NLR

2055 ft.

Click here for full text details

Relative:

BRRTS

Higher

**WI ERP** 

Status: CLOSED Site Id: 2300800 Faclity ID: 268312110

SHWIMS

FID: 268312110 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 2300800 Facility ID: 268312110

RCRA NonGen / NLR

EPA Id: WI2180090464

FINDS

Registry ID:: 110005420231

ECHC

Registry ID: 110005420231

**BRRTS** 

Site Id: 2300800 Status: NAR

Click here for WDNR BRRTS Link

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

AM167 ARCADIAN SPRINGS APARTMENTS LUST S102532750
East 900 N HARTWELL AVE N/A

East 900 N HARTWELL AVE 1/4-1/2 WAUKESHA, WI 0.397 mi.

2094 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 4892900 Facility ID: 268523640

AO168 SINDIC AUTO BODY SHWIMS 1000165884
ESE 423 ARCADIAN AVE SPILLS WID981193741

1/4-1/2 WAUKESHA, WI 53186 RCRA NonGen / NLR 0.398 mi. FINDS 2102 ft. ECHO

Relative: Higher Click here for full text details

SHWIMS

FID: 268185940 Status: UNKNOWN

**SPILLS** 

Site Id: 1135800 Status: CLOSED

RCRA NonGen / NLR EPA ld: WID981193741

**FINDS** 

Registry ID:: 110005455408

**ECHO** 

Registry ID: 110005455408

**BRRTS** 

Site Id: 1135800 Status: NAR

Click here for WDNR BRRTS Link

 169
 ZAMZOW HARVEY
 SHWIMS
 \$105847556

 ENE
 1139 WHITEROCK AVE
 BRRTS
 N/A

1/4-1/2 0.398 mi. 2103 ft.

Click here for full text details

Relative: Higher

SHWIMS

FID: 268421560 Status: OPERATING

WAUKESHA, WI 53186

**BRRTS** 

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**ZAMZOW HARVEY (Continued)** 

S105847556

S101392710

N/A

SHWIMS

WI WRRSER

**LUST** 

CRS

**AUL** 

**BRRTS** 

Site Id: 8415800 Site Id: 8449000 Status: NAR

170 **ARBYS 1353** SE 235 E BROADWAY 1/4-1/2 WAUKESHA, WI 53186 0.406 mi.

2145 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268468310 Status: CLOSED

LUST

Facility Status: CLOSED Site Id: 3037300 Facility ID: 268468310

**CRS** 

Site ID: 3037300 Facility ID: 268468310

AUL

Status: CLOSED Site Id: 3037300 Facid: 268468310

AP171

**CHOS TAE KWON DO CENTER** 

East 1/4-1/2 0.410 mi. 2163 ft.

**1013 HARTWELL** WAUKESHA, WI

Relative:

Click here for full text details

Higher

LUST

Facility Status: CLOSED Site Id: 4488600 Facility ID: 268501310

TC5575612.2s Page 60

LUST S102454866

N/A

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

AN172 RR CROSSING @ MAIN ST & HARTWELL WI ERP S109014050 ENE RR CROSSING @ MAIN & HARTWELL SPILLS N/A

1/4-1/2 WAUKESHA, WI 0.415 mi.

2190 ft.

Click here for full text details

Relative: Higher

WI ERP

Status: CLOSED Site Id: 17655900 Faclity ID: 268589750

**SPILLS** 

Site Id: 17655900 Status: CLOSED

AN173 TRAIN DERAILMENT WI ERP \$105113933
East WI CENTRAL ROW MAIN & HARTWELL N/A

1/4-1/2 WAUKESHA, WI

0.416 mi. 2195 ft.

Click here for full text details

Relative: Higher

**WI ERP** 

Status: CLOSED Site Id: 7019500 Faclity ID: 268554880

 174
 THE MEDICAL BLDG
 SHWIMS
 \$108519787

 South
 403 N GRAND AVE
 N/A

1/4-1/2 WAUKESHA, WI 53186 0.416 mi.

0.416 mi. 2198 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268330150 Status: CLOSED

A0175 GLEN ROCK MOTORS SHWIMS U003251898
ESE 808 N HARTWELL AVE LUST N/A
1/4-1/2 WAUKESHA, WI 53186 UST

1/4-1/2 0.421 mi. 2225 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268527160 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 4940500 Facility ID: 268527160

UST

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**GLEN ROCK MOTORS (Continued)** 

U003251898

Fire Dept ID: 6706

176 **WAUKESHA QUICK MART** NW **518 DELAFIELD ST** 1/4-1/2 WAUKESHA, WI 53186 0.423 mi.

LUST S110296052 **CRS** N/A AUL

**BROWNFIELDS BRRTS** 

Relative: Higher

2236 ft.

Click here for full text details

LUST

Facility Status: CLOSED Site Id: 4077000 Facility ID: 268133140

**CRS** 

Site ID: 4077000 Facility ID: 268133140

AUL

Status: CLOSED Site Id: 4077000 Facid: 268133140

**BROWNFIELDS** 

Status: GEN PROP Faclity ID: 268133140 Site Id: 4077000

**BRRTS** 

Site Id: 4077000 Site Id: 8495600 Status: GEN PROP Status: NAR

Click here for WDNR BRRTS Link

**AP177** East 1/4-1/2 0.428 mi. 2258 ft.

**KOSTUCK ROBERT** 529 E MAIN ST WAUKESHA, WI 53186

S100674857 SHWIMS LUST N/A WI WRRSER

Relative: Higher

Click here for full text details

**SHWIMS** 

FID: 268416940 Status: CLOSED

LUST

Facility Status: CLOSED Site Id: 4065100 Facility ID: 268400440

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**AQ178 CARROLL COLLEGE** LUST S100508164 SSE 315 BARSTOW AVE WI WRRSER N/A

WAUKESHA, WI 1/4-1/2 0.438 mi. 2314 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 3581600 Facility ID: 268378990

SHWIMS S100769703 179 **GENE ELDERS SERVICE STATION** 

East **500 ARCADIAN AVE** LUST N/A 1/4-1/2 WAUKESHA, WI 53186 **CRS** 0.440 mi. **AUL** 2324 ft.

**BRRTS** WI WRRSER Click here for full text details

Relative: Higher

SHWIMS

FID: 268304850 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 2115900 Facility ID: 268304850

**CRS** 

Site ID: 2115900 Facility ID: 268304850

AUL

Status: CLOSED Site Id: 2115900 Facid: 268304850

**BRRTS** 

Site Id: 2115900 Status: NAR

Click here for WDNR BRRTS Link

BROWNFIELDS S119094818 **AQ180 CARROLL UNIVERSITY** SSE 316 N BARSTOW ST **BRRTS** N/A

1/4-1/2 0.441 mi. 2330 ft.

Click here for full text details

Relative: Higher

**BROWNFIELDS** 

Status: GEN PROP Faclity ID: 268666310

WAUKESHA, WI 53186

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

**CARROLL UNIVERSITY (Continued)** 

S119094818

SHWIMS \$108159292

LUST

**ASBESTOS** 

SHWIMS

SEMS-ARCHIVE 1000102888

**CORRACTS** 

**RCRA NonGen / NLR** 

2020 COR ACTION

N/A

S102452786

S108152369

WID000808782

N/A

N/A

Site Id: 29093900

**BRRTS** 

Site Id: 29093900 Status: NAR Status: GEN PROP

Click here for WDNR BRRTS Link

WAUKESHA CNTY PUBLIC HEALTH DIV **AR181** 

325 E BROADWAY SE

1/4-1/2 WAUKESHA, WI 53186

0.460 mi. 2430 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268298690 Status: OPERATING

LIBERTY GLASS/BOB SCHULTZ PROPERTY **AS182** 

**ENE** 601 E MAIN ST 1/4-1/2 WAUKESHA, WI

0.461 mi. 2435 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 3622500 Facility ID: 268386580

AR183 GTE AUTOMATIC ELECTRIC INC

SE 327 E BROADWAY 1/4-1/2 WAUKESHA, WI 53187

0.462 mi. 2437 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268157670 Status: OPERATING

**AR184** WAUKESHA COUNTY TECHNICAL COLLEGE SE 327 E BROADWAY & 325 E BROADWAY WAUKESHA, WI 53186

1/4-1/2 0.462 mi.

2437 ft.

Click here for full text details

Relative: Higher

**SEMS-ARCHIVE** 

Site ID: 0506991 EPA Id: WID000808782

TC5575612.2s Page 64

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

WAUKESHA COUNTY TECHNICAL COLLEGE (Continued)

1000102888

S108155439

N/A

SHWIMS

WI WRRSER

BROWNFIELDS

**BRRTS** 

**CORRACTS** 

EPA ID:: WID000808782

**RCRA NonGen / NLR** 

EPA Id: WID000808782

2020 COR ACTION

EPA ID:: WID000808782

**NEW TRIBES BIBLE INSTITUTE** 185

915 N HARTWELL AVE East 1/4-1/2 WAUKESHA, WI 53186 0.462 mi.

2439 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 998092370 Status: OPERATING

AT186 **GRAND AVENUE TOTAL GAS STATION** S100672445 LUST **SPILLS** N/A

South **304 N GRAND AVE** 1/4-1/2 WAUKESHA, WI 53186

0.468 mi. 2473 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 3305400 Facility ID: 268134460

**SPILLS** 

Site Id: 3305400 Status: CLOSED

187 **CYBROS BAKERY 417 BARNEY ST** SE 1/4-1/2 WAUKESHA, WI

0.469 mi. 2474 ft.

Click here for full text details

Relative: Higher

**BROWNFIELDS** Status: GEN PROP Faclity ID: 268611310

Site Id: 21685900

**BRRTS** 

S109978861

N/A

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

CYBROS BAKERY (Continued)

S109978861

S102355133

S106973131

N/A

N/A

WI ERP

LUST

CRS

AUL

**WI ERP** 

LUST

**LAST** 

**SPILLS** 

SHWIMS

Site Id: 21685900 Status: NAR Status: GEN PROP

Click here for WDNR BRRTS Link

AS188 WI CENTRAL LTD **ENE** 600-700 E MAIN ST

1/4-1/2 WAUKESHA, WI 0.474 mi.

2504 ft.

Click here for full text details

Relative: Higher

WI ERP

Status: CLOSED Site Id: 4307800 Faclity ID: 268255130

AT189 **301 N GRAND AVE** South **301 N GRAND AVE** 1/4-1/2 WAUKESHA, WI 53187

0.480 mi. 2535 ft.

Click here for full text details

Relative: Higher

LUST

Facility Status: CLOSED Site Id: 13776600 Facility ID: 268580840

**CRS** 

Site ID: 13776600 Facility ID: 268580840

AUL

Status: CLOSED Site Id: 13776600 Facid: 268580840

AS190 SCOTT OIL CO 612 E MAIN ST **ENE** 1/4-1/2 WAUKESHA, WI 53186

0.488 mi. 2575 ft.

Click here for full text details

Relative: Higher

WI ERP

Status: CLOSED Site Id: 4403100 Faclity ID: 268113670

**SHWIMS** 

TC5575612.2s Page 66

S105108984

N/A

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

SCOTT OIL CO (Continued) S105108984

FID: 268456650 Status: OPERATING

LUST

Facility Status: CLOSED Site Id: 2888500 Facility ID: 268456650

LAST

Status: CLOSED Site ID: 2888500 Facility ID: 268456650

**SPILLS** 

Site Id: 5928200 Status: HISTORIC SPILL

AS191 MCGLENN A LIMITED PARTNERSHIP SHWIMS 1000814713
ENE 612 MAIN ST RCRA NonGen / NLR WID988635587

1/4-1/2 0.488 mi. 2575 ft.

WAUKESHA, WI 53186

Relative: Click here for full text details

Higher SHWIMS

FID: 268358200 Status: CLOSED

RCRA NonGen / NLR EPA ld: WID988635587

**FINDS** 

Registry ID:: 110005501297

**ECHC** 

Registry ID: 110005501297

192 SPEEDWAY #4119 SHWIMS U003265974 NW 400 SUMMIT AVE LUST N/A

NW 1/4-1/2 0.491 mi. 2592 ft.

Click here for full text details

Relative:

igner SHWIMS

FID: 268197710 Status: OPERATING

WAUKESHA, WI 53188

LUST

**FINDS** 

**ECHO** 

UST SPILLS

**Financial Assurance** 

MAP FINDINGS Map ID

Direction Distance

**EDR ID Number** Elevation Site Database(s) **EPA ID Number** 

SPEEDWAY #4119 (Continued)

U003265974

**SHWIMS** 

**MANIFEST** 

**EDR MGP** 

S108159289

1008407272

N/A

N/A

Facility Status: CLOSED Site Id: 2418100 Facility ID: 268197710

UST

Fire Dept ID: 6706

**SPILLS** 

Site Id: 2418100 Status: HISTORIC SPILL

**Financial Assurance** 

Building ID: 134970

Regulatory Object Id: 366433 Regulatory Object Id: 366430 Regulatory Object Id: 365898 Regulatory Object Id: 366432 Regulatory Object Id: 366431 Regulatory Object Id: 366153 Regulatory Object Id: 366154 Regulatory Object Id: 366155 Regulatory Object Id: 366152

193 WAUKESHA COUNTY MOOR DOWNS GC

NNW 1/4-1/2 0.492 mi. **438 PROSPECT AVE** WAUKESHA, WI 53188

2597 ft.

Click here for full text details

Relative: Higher

**SHWIMS** 

FID: 268287910 Status: OPERATING

**MANIFEST** 

ACT Status: I FID: 268287910 EPA ID: WID988599494

194 **WAUKESHA COAL GAS SITE** South 130 N. BARSTOW

1/2-1 0.633 mi.

WAUKESHA, WI 53188

3344 ft.

Click here for full text details

Relative: Higher

TC5575612.2s Page 68

Direction Distance

Elevation Site Database(s) **EPA ID Number** 

195 SCHAEFER BRUSH MFG CO SW 1101 SOUTH PRAIRIE AVE WAUKESHA, WI 53187

1/2-1 0.972 mi. 5131 ft.

**Click here for full text details** 

Relative: Higher

**SEMS-ARCHIVE** 

Site ID: 0507208 EPA Id: WID006075642

**CORRACTS** 

EPA ID:: WID006075642

RCRA-CESQG

EPA Id: WID006075642

**SHWIMS** 

FID: 268138750 Status: OPERATING

2020 COR ACTION

EPA ID:: WID006075642

MANIFEST

ACT Status: I ACT Status: A FID: 268138750 EPA ID: WID006075642

**NPDES** 

FIN: 10881 FID: 268138750

Status: 9 - NO EXPOSURE CERTIFICATION

SEMS-ARCHIVE 1000102889 CORRACTS RCRA-CESQG

**SHWIMS** 2020 COR ACTION **MANIFEST** 

**NPDES** 

WID006075642

**EDR ID Number** 

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
WI	AG SPILLS	Agricultural Spill Cases	Department of Agriculture, Trade & Consumer P	08/31/2018	11/08/2018	11/27/2018
WI	AIRS	Air Permit Program Listing	Department of Natural Resources	10/29/2018	10/30/2018	11/27/2018
WI	ASBESTOS	Asbestos Notification Listing	Department of Natural Resources	11/26/2018	11/27/2018	01/31/2019
WI	AST	Tanks Database	Department of Agriculture, Trade & Consumer P	12/10/2018	12/12/2018	02/20/2019
WI	AUL	Deed Restriction at Closeout Sites	Department of Natural Resources	11/01/2018	12/28/2018	02/21/2019
WI	BEAP	Brownfields Environmental Assessment Program	Department of Natural Resources	12/31/2000	05/29/2001	06/29/2001
WI	BROWNFIELDS	Brownfields Site Locations Listing	Department of Natural Resources	11/01/2018	12/28/2018	02/21/2019
WI	BRRTS	Bureau of Remediation & Redevelopment Tracking System	Department of Natural Resources	11/01/2018	12/28/2018	02/21/2019
WI	CDL	Clandestine Drug Lab Listing	Department of Justice	06/07/2016	08/01/2016	09/09/2016
WI	COAL ASH	Coal Ash Disposal Site Listing	Deaprtment of Natural Resources	06/20/2018	06/26/2018	08/16/2018
WI	CRS	Closed Remediation Sites	Department of Natural Resources	01/28/2019	01/31/2019	02/25/2019
WI	DRYCLEANERS	Five Star Recognition Program Sites	Department of Natural Resources	04/02/2012		04/24/2012
WI	ERP	Environmental Repair Program Database	Department of Natural Resources	11/01/2018	12/28/2018	02/21/2019
WI	Financial Assurance 1	Financial Assurance Information Listing	Department of Natural Resources	11/19/2018	11/21/2018	01/31/2019
WI	Financial Assurance 2	Financial Assurance Information Listing	Department of Agriculture, Trade & Consumer P	01/07/2019	01/09/2019	02/25/2019
WI	Financial Assurance 3	Financial Assurance Information Listing	Department of Natural Resources	11/19/2018	11/21/2018	01/31/2019
WI	LAST	Leaking Aboveground Storage Tank Listing	Department of Natural Resources	11/01/2018	12/28/2018	02/21/2019
WI	LEAD	Lead Inspection Data	Department of Health & Family Services	10/02/2018	10/18/2018	11/27/2018
WI	LEAD CERT	Lead Safe Housing Registry	Department of Environmental & Occupation	11/05/2018	11/06/2018	11/28/2018
WI	LIENS	Environmental Liens Listing	Department of Natural Resources	10/15/2018	10/16/2018	11/28/2018
WI	LUST	Leaking Underground Storage Tank Database	Department of Natural Resources	11/01/2018	12/28/2018	02/21/2019
WI	NPDES	NPDES Permit Listing	Department of Natural Resources	10/29/2018	11/16/2018	01/31/2019
WI	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Natural Resources	.0/20/20.0	07/01/2013	01/13/2014
WI	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	Department of Natural Resources		07/01/2013	12/27/2013
WI	SHWIMS	Solid & Hazardous Waste Information Management System	Department of Natural Resources	11/21/2018	12/26/2018	02/25/2019
WI	SHWS	Hazard Ranking List	Department of Natural Resources	11/30/1994	02/10/1995	03/01/1995
WI	SPILLS	Spills Database	Department of Natural Resources	11/01/2018	12/28/2018	02/25/2019
WI	SPILLS 80	SPILLS80 data from FirstSearch	FirstSearch	03/31/2003	01/03/2013	03/01/2013
WI	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	11/06/2012	01/03/2013	02/11/2013
WI	SWF/LF	List of Licensed Landfills	Department of Natural Resources	12/31/2018	01/03/2019	02/25/2019
WI	SWRCY	Recycling Center Listing	Solid & Hazardous Waste Education center	01/08/2019	01/10/2019	02/27/2019
WI	TIER 2	Tier 2 Facility Listing	Department of Natural Resources	12/31/2017	06/01/2018	07/09/2018
WI	UST	Registered Underground Storage Tanks	Department of Agriculture, Trade & Consumer P	12/10/2018	12/12/2018	02/20/2019
WI	VCP	Voluntary Party Liability Exemption Sites	Department of Natural Resources	11/01/2018	12/28/2018	02/25/2019
WI	WDS	Registry of Waste Disposal Sites	Department of Natural Resources	07/22/2013	10/03/2013	11/15/2013
WI	WI MANIFEST	Manifest Information	Department of Natural Resources	12/31/2017	06/15/2018	07/09/2018
WI	WRRSER	Wisconsin Remedial Response Site Evaluation Report	Department of Natural Resources	10/01/1995	01/02/1996	02/01/1996
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2018	09/11/2018	09/14/2018
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2015	02/22/2017	09/28/2017
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2005	08/07/2009	10/22/2009
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	07/01/2014	09/10/2014	10/20/2014
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	09/30/2018	10/12/2018	12/07/2018
US	CORRACTS	Corrective Action Report	EPA	03/01/2018	03/28/2018	06/22/2018
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/31/2018	07/26/2018	10/05/2018
US	DOD	Department of Defense Sites	USGS	12/31/2005	11/10/2006	01/11/2007
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St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	10/01/2018	10/30/2018	01/18/2019
US	Delisted NPL	National Priority List Deletions	EPA	12/12/2018	12/28/2018	01/11/2019
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	09/02/2018	09/05/2018	09/14/2018
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EPA WATCH LIST	EPA WATCH LIST	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	09/24/2018	09/25/2018	11/09/2018
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/07/2016	01/05/2017	04/07/2017
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	12/31/2005	02/06/2006	01/11/2007
US	FEMA UST	Underground Storage Tank Listing	FEMA	05/15/2017	05/30/2017	10/13/2017
US	FINDS	Facility Index System/Facility Registry System	EPA	11/15/2018	12/05/2018	01/11/2019
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	01/31/2015	07/08/2015	10/13/2015
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	08/22/2018	08/22/2018	10/05/2018
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	08/08/2017	09/11/2018	09/14/2018
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	03/26/2018	03/27/2018	06/08/2018
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	04/01/2014	08/06/2014	01/29/2015
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	04/13/2018	05/18/2018	07/20/2018
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	04/13/2018	05/18/2018	07/20/2018
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land  Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land  Leaking Underground Storage Tanks on Indian Land	EPA Region 7	04/24/2018	05/18/2018	07/20/2018
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	04/25/2018	05/18/2018	07/20/2018
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land  Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	04/23/2018	05/18/2018	07/20/2018
US	INDIAN COST R9	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	INDIAN ODI INDIAN RESERV	Indian Reservations	USGS	12/31/1998	07/14/2015	01/10/2017
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	04/13/2018	05/18/2018	07/20/2017
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/08/2018	05/18/2018	07/20/2018
US	INDIAN UST R5	Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land	EPA Region 5	04/12/2018	05/18/2018	07/20/2018
US	INDIAN UST R6	Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land	EPA Region 6	04/01/2018	05/18/2018	07/20/2018
US	INDIAN UST RO	Underground Storage Tanks on Indian Land  Underground Storage Tanks on Indian Land	EPA Region 7	04/01/2018	05/18/2018	07/20/2018
US		Underground Storage Tanks on Indian Land Underground Storage Tanks on Indian Land	•	04/25/2018	05/18/2018	07/20/2018
US	INDIAN UST R8 INDIAN UST R9		EPA Region 8	04/25/2018	05/18/2018	07/20/2018
		Underground Storage Tanks on Indian Land	EPA Region 9			
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	12/12/2018	12/28/2018	01/11/2019
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	12/12/2018	12/28/2018	01/11/2019
US	LUCIS	Land Use Control Information System	Department of the Navy	10/17/2018	10/25/2018	12/07/2018
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	08/30/2016	09/08/2016	10/21/2016

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	<b>Active Date</b>
US	NPL	National Priority List	EPA	12/12/2018	12/28/2018	01/11/2019
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	PADS	PCB Activity Database System	EPA	09/14/2018	10/11/2018	12/07/2018
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	05/24/2017	11/30/2017	12/15/2017
US	PRP	Potentially Responsible Parties	EPA	08/13/2018	10/04/2018	11/09/2018
US	Proposed NPL	Proposed National Priority List Sites	EPA	12/12/2018	12/28/2018	01/11/2019
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RADINFO	Radiation Information Database	Environmental Protection Agency	10/02/2018	10/03/2018	11/09/2018
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	03/01/2018	03/28/2018	06/22/2018
US	RMP	Risk Management Plans	Environmental Protection Agency	10/26/2018	11/06/2018	01/11/2019
US	ROD	Records Of Decision	EPA	12/12/2018	12/28/2018	01/11/2019
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	01/01/2017	02/03/2017	04/07/2017
US	SEMS	Superfund Enterprise Management System	EPA	12/12/2018	12/28/2018	01/11/2019
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	12/13/2018	12/28/2018	01/11/2019
US	SSTS	Section 7 Tracking Systems	EPA	12/31/2009	12/10/2010	02/25/2011
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2016	01/10/2018	01/12/2018
US	TSCA	Toxic Substances Control Act	EPA	12/31/2016	06/21/2017	01/05/2018
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	06/23/2017	10/11/2017	11/03/2017
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	12/17/2018	12/18/2018	01/11/2019
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	09/21/2018	09/21/2018	11/09/2018
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	08/31/2018	09/25/2018	11/09/2018
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	09/21/2018	09/21/2018	11/09/2018
US	US INST CONTROL	Sites with Institutional Controls	Environmental Protection Agency	07/31/2018	08/28/2018	09/14/2018
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	08/01/2018	08/29/2018	10/05/2018
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	12/05/2005	02/29/2008	04/18/2008
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/30/2017	06/19/2018	09/14/2018

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CT	CT MANIFEST	Hazardous Waste Manifest Data	Department of Energy & Environmental Protecti	11/12/2018	11/14/2018	12/04/2018
NJ	NJ MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2017	07/13/2018	08/01/2018
NY	NY MANIFEST	Facility and Manifest Data	Department of Environmental Conservation	01/01/2019	01/30/2019	02/14/2019
PA	PA MANIFEST	Manifest Information	Department of Environmental Protection	12/31/2017	10/23/2018	11/27/2018
RI	RI MANIFEST	Manifest information	Department of Environmental Management	12/31/2017	02/23/2018	04/09/2018
VT	VT MANIFEST	Hazardous Waste Manifest Data	Department of Environmental Conservation	01/16/2019	01/17/2019	02/19/2019
US	AHA Hospitals	Sensitive Receptor: AHA Hospitals	American Hospital Association, Inc.			
US	Medical Centers	Sensitive Receptor: Medical Centers	Centers for Medicare & Medicaid Services			
US	Nursing Homes	Sensitive Receptor: Nursing Homes	National Institutes of Health			
US	Public Schools	Sensitive Receptor: Public Schools	National Center for Education Statistics			
US	Private Schools	Sensitive Receptor: Private Schools	National Center for Education Statistics			
WI	Daycare Centers	Sensitive Receptor: Day Care Directory  Department of Health & Family Services				
US	Flood Zones	100-year and 500-year flood zones	Emergency Management Agency (FEMA)			
US	NWI	National Wetlands Inventory	U.S. Fish and Wildlife Service			
US	Topographic Map	·	U.S. Geological Survey			
US	Oil/Gas Pipelines		PennWell Corporation			
US	Electric Power Transmission Line D	Oata Oata	PennWell Corporation			

#### STREET AND ADDRESS INFORMATION

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## **GEOCHECK®- PHYSICAL SETTING SOURCE ADDENDUM**

#### **TARGET PROPERTY ADDRESS**

EAST ST. PAUL AVENUE EAST ST. PAUL AVENUE WAUKESHA, WI 53188

#### TARGET PROPERTY COORDINATES

Latitude (North): 43.013169 - 43° 0' 47.41" Longitude (West): 88.231767 - 88° 13' 54.36"

Universal Tranverse Mercator: Zone 16 UTM X (Meters): 399618.8 UTM Y (Meters): 4762798.5

Elevation: 812 ft. above sea level

#### **USGS TOPOGRAPHIC MAP**

Target Property Map: 5951693 WAUKESHA, WI

Version Date: 2013

Southeast Map: 5951005 MUSKEGO, WI

Version Date: 2013

Southwest Map: 5950999 GENESEE, WI

Version Date: 2013

Northwest Map: 5951675 HARTLAND, WI

Version Date: 2013

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

### **GROUNDWATER FLOW DIRECTION INFORMATION**

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

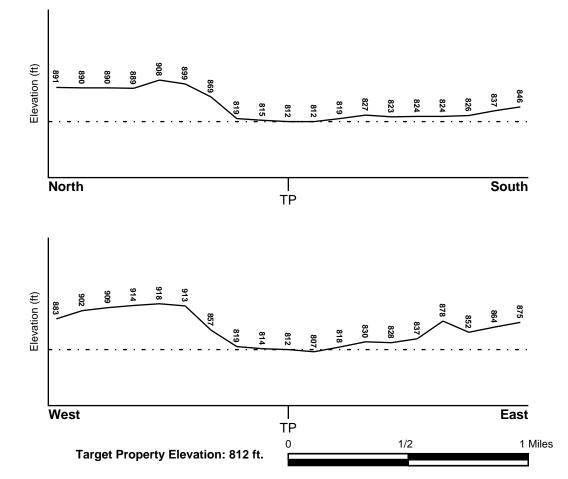
#### **TOPOGRAPHIC INFORMATION**

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

#### TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

#### SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

#### HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

#### **FEMA FLOOD ZONE**

Flood Plain Panel at Target Property	FEMA Source Type
55133C0213G	FEMA FIRM Flood data
Additional Panels in search area:	FEMA Source Type
55133C0194G 55133C0214G 55133C0326G	FEMA FIRM Flood data FEMA FIRM Flood data FEMA FIRM Flood data

#### **NATIONAL WETLAND INVENTORY**

	INVVI EIECTIONIC
NWI Quad at Target Property	Data Coverage
NOT AVAILABLE	VEC refer to the

NOT AVAILABLE YES - refer to the Overview Map and Detail Map

#### **HYDROGEOLOGIC INFORMATION**

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

NIMI Floatronia

## Site-Specific Hydrogeological Data\*:

Search Radius: 1.25 miles Status: Not found

### **AQUIFLOW**®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
1	1/8 - 1/4 Mile WSW	SE
A6	1/8 - 1/4 Mile West	S
11	1/4 - 1/2 Mile SW	NW
13	1/4 - 1/2 Mile NW	SE
16	1/2 - 1 Mile ENE	SW
21	1/2 - 1 Mile NE	SW

# **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
23	1/2 - 1 Mile ENE	Varies
24	1/2 - 1 Mile WSW	S
1G	1/2 - 1 Mile NE	SW
2G	1/2 - 1 Mile ENE	Varies
3G	1/4 - 1/2 Mile NW	SE
4G	1/2 - 1 Mile ENE	SW
5G	1/8 - 1/4 Mile West	S
6G	1/8 - 1/4 Mile WSW	SE
7G	1/4 - 1/2 Mile SW	NW
8G	1/2 - 1 Mile WSW	S

For additional site information, refer to Physical Setting Source Map Findings.

### **GROUNDWATER FLOW VELOCITY INFORMATION**

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### **ROCK STRATIGRAPHIC UNIT**

## **GEOLOGIC AGE IDENTIFICATION**

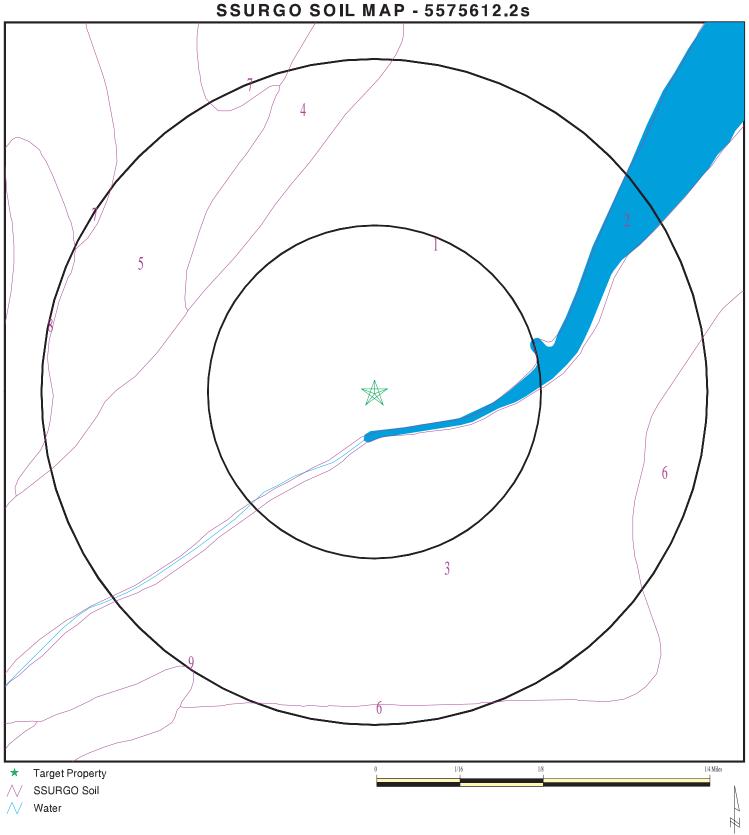
Era: Paleozoic Category: Stratifed Sequence

System: Silurian

Series: Middle Silurian (Niagoaran)

Code: S2 (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).



SITE NAME: East St. Paul Avenue ADDRESS: East St. Paul Avenue

Waukesha WI 53188 LAT/LONG: 43.013169 / 88.231767 CLIENT: Sigma Env. Services, Inc.
CONTACT: Dale Palkowski
INQUIRY#: 5575612.2s
DATE: February 28, 2019 12:27 pm

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: Sebewa

Soil Surface Texture: silt loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be

drained and are classified.

Soil Drainage Class: Poorly drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

**Soil Layer Information** Saturated **Boundary** Classification hvdraulic conductivity Soil Texture Class **AASHTO Group Unified Soil** Layer Upper Lower **Soil Reaction** micro m/sec (pH) 1 18 inches silt loam Not reported Max: 141 Max: 8.4 0 inches Not reported Min: 42 Min: 7.4 2 Not reported Max: 8.4 18 inches 31 inches gravelly sandy Not reported Max: 141 Min: 42 Min: 7.4 clay loam 3 31 inches 59 inches stratified Not reported Not reported Max: 141 Max: 8.4 gravel to sand Min: 42 Min: 7.4

Soil Map ID: 2

Soil Component Name: Water
Soil Surface Texture: silt loam

Hydrologic Group: Class B/D - Drained/undrained hydrology class of soils that can be

drained and are classified.

Soil Drainage Class:

Hydric Status: Unknown

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

No Layer Information available.

Soil Map ID: 3

Soil Component Name: Loamy land

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Moderately well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 107 inches

Soil Layer Information										
Roundary		Saturated hydraulic								
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)			
1	0 inches	9 inches	loam	Not reported	Not reported	Max: 0 Min:	Max: Min:			

## Soil Map ID: 4

Soil Component Name: Hochheim

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information									
	Boundary		Boundary		Classification				
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Oon Roadion		
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4		
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4		
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4		

Soil Map ID: 5

Soil Component Name: Hochheim

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information										
	Boundary			Classification		Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)				
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4				

	Soil Layer Information										
	Boundary			Classification		Saturated hydraulic					
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil						
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4				
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4				

Soil Map ID: 6

Soil Surface Texture:

Soil Component Name: Warsaw

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

loam

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Low

Depth to Bedrock Min: > 0 inches Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Bou	ındary		Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity Soil Reactio	
1	0 inches	11 inches	loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.9
2	11 inches	31 inches	sandy clay loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.9
3	31 inches	59 inches	stratified gravelly coarse sand to sand	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.9

Soil Map ID: 7

Soil Component Name: Hochheim

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information						
Boundary				Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity	Soil Reaction (pH)
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 8

Soil Component Name: Hochheim

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information						
Boundary				Classification		Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	
1	0 inches	5 inches	loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	5 inches	16 inches	clay loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	16 inches	59 inches	gravelly loam	Not reported	Not reported	Max: 14 Min: 4	Max: 8.4 Min: 7.4

Soil Map ID: 9

Soil Surface Texture:

Soil Component Name: Casco

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

loam

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information						
Roundary						Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Oon Roudin
1	0 inches	7 inches	loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4
2	7 inches	18 inches	clay loam	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4
3	18 inches	59 inches	stratified gravel to sand	Not reported	Not reported	Max: 141 Min: 141	Max: 8.4 Min: 7.4

## **LOCAL / REGIONAL WATER AGENCY RECORDS**

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

### WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 0.001 miles

State Database 1.000

#### FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A4	USGS40001309175	1/8 - 1/4 Mile West
A5	USGS40001329485	1/8 - 1/4 Mile West
7	USGS40001309192	1/8 - 1/4 Mile NW
8	USGS40001329487	1/4 - 1/2 Mile NE
B9	USGS40001329486	1/4 - 1/2 Mile ENE
B10	USGS40001309177	1/4 - 1/2 Mile ENE
C14	USGS40001329479	1/4 - 1/2 Mile SW
C15	USGS40001329478	1/4 - 1/2 Mile SW
17	USGS40001309174	1/2 - 1 Mile East
D18	USGS40001329472	1/2 - 1 Mile SW
D19	USGS40001309114	1/2 - 1 Mile SW
20	USGS40001309258	1/2 - 1 Mile North
22	USGS40001329503	1/2 - 1 Mile North
26	USGS40001329505	1/2 - 1 Mile North
E28	USGS40001309128	1/2 - 1 Mile WSW
F30	USGS40001309049	1/2 - 1 Mile SSW
F31	USGS40001329460	1/2 - 1 Mile SSW

#### FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

## STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	FROM TP
2	WI5000000328612	1/8 - 1/4 Mile SSW
A3	WI500000154300	1/8 - 1/4 Mile WNW
B12	WI500000056092	1/4 - 1/2 Mile ENE
25	WI500000376384	1/2 - 1 Mile South

LOCATION

## **GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE SUMMARY**

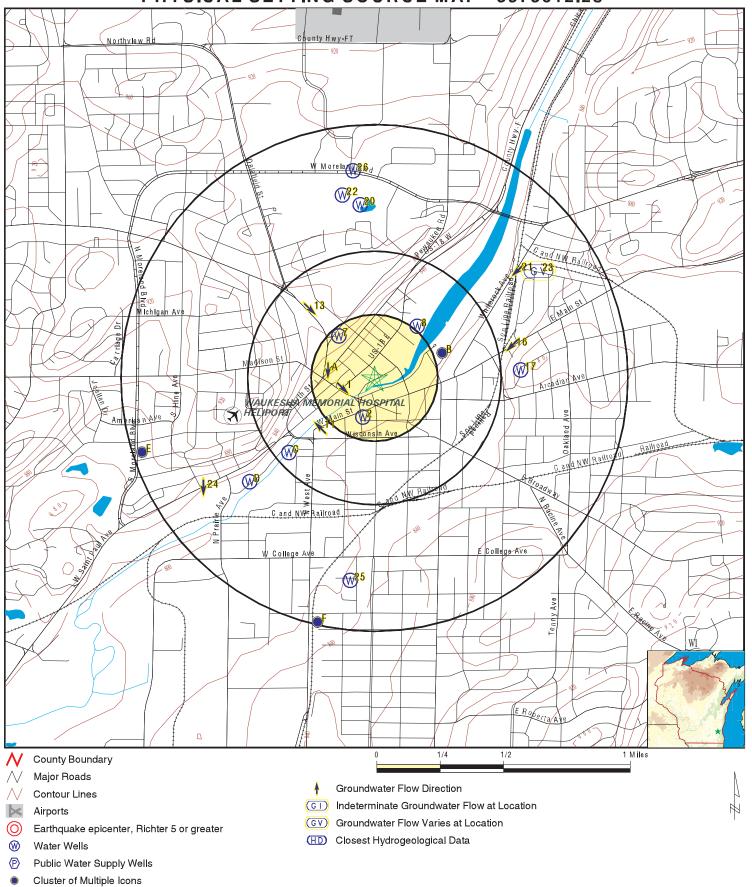
#### STATE DATABASE WELL INFORMATION

MAP ID WELL ID LOCATION FROM TP

 E27
 WI5000000156394
 1/2 - 1 Mile WSW

 F29
 WI5000000156395
 1/2 - 1 Mile SSW

## PHYSICAL SETTING SOURCE MAP - 5575612.2s



SITE NAME: East St. Paul Avenue ADDRESS: East St. Paul Avenue

Waukesha WI 53188 LAT/LONG: 43.013169 / 88.231767 CLIENT: Sigma Env. Services, Inc.

CONTACT: Dale Palkowski

INQUIRY #: 5575612.2s

DATE: February 28, 2019 12:27 pm

Map ID Direction Distance Elevation	Database	EDR ID Number
1 WSW Click here for full text details 1/8 - 1/4 Mile Higher	AQUIFLOW	42816
2 SSW <u>Click here for full text details</u> 1/8 - 1/4 Mile Higher	WI WELLS	WI5000000328612
A3 WNW Click here for full text details 1/8 - 1/4 Mile Higher	WI WELLS	WI5000000154300
A4 West Click here for full text details 1/8 - 1/4 Mile Higher	FED USGS	USGS40001309175
A5 West Click here for full text details 1/8 - 1/4 Mile Higher	FED USGS	USGS40001329485
A6 West Click here for full text details 1/8 - 1/4 Mile Higher	AQUIFLOW	42810
7 NW <u>Click here for full text details</u> 1/8 - 1/4 Mile Higher	FED USGS	USGS40001309192
8 NE Click here for full text details 1/4 - 1/2 Mile Higher	FED USGS	USGS40001329487

Map ID Direction Distance Elevation	Database	EDR ID Number
B9 ENE 1/4 - 1/2 Mile Higher	FED USGS	USGS40001329486
B10 ENE Click here for full text details 1/4 - 1/2 Mile Higher	FED USGS	USGS40001309177
11 SW Click here for full text details 1/4 - 1/2 Mile Lower	AQUIFLOW	42678
B12 ENE Click here for full text details 1/4 - 1/2 Mile Higher	WI WELLS	WI5000000056092
13 NW <u>Click here for full text details</u> 1/4 - 1/2 Mile Higher	AQUIFLOW	37800
C14 SW Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40001329479
C15 SW Click here for full text details 1/4 - 1/2 Mile Lower	FED USGS	USGS40001329478
16 ENE Click here for full text details 1/2 - 1 Mile Higher	AQUIFLOW	26144
17 East Click here for full text details 1/2 - 1 Mile Higher	FED USGS	USGS40001309174

Map ID Direction Distance Elevation		Database	EDR ID Number
D18 SW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40001329472
D19 SW 1/2 - 1 Mile Lower	Click here for full text details	FED USGS	USGS40001309114
20 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001309258
21 NE 1/2 - 1 Mile Higher	Click here for full text details	AQUIFLOW	26146
22 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001329503
23 ENE 1/2 - 1 Mile Higher	Click here for full text details	AQUIFLOW	42722
24 WSW 1/2 - 1 Mile Higher	Click here for full text details	AQUIFLOW	42808
25 South 1/2 - 1 Mile Higher	Click here for full text details	WI WELLS	WI5000000376384
26 North 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001329505

Map ID Direction Distance Elevation		Database	EDR ID Number
E27 WSW 1/2 - 1 Mile Higher	Click here for full text details	WI WELLS	WI5000000156394
E28 WSW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001309128
F29 SSW 1/2 - 1 Mile Higher	Click here for full text details	WI WELLS	WI5000000156395
F30 SSW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001309049
F31 SSW 1/2 - 1 Mile Higher	Click here for full text details	FED USGS	USGS40001329460
1G NE 1/2 - 1 Mile Lower	Click here for full text details	AQUIFLOW	26146
2G ENE 1/2 - 1 Mile Lower	Click here for full text details	AQUIFLOW	42722
3G NW 1/4 - 1/2 Mile Lower	Click here for full text details	AQUIFLOW	37800
4G ENE 1/2 - 1 Mile Lower	Click here for full text details	AQUIFLOW	26144

Map ID Direction Distance Elevation	Database	EDR ID Number
5G West <u>Click here for full text details</u> 1/8 - 1/4 Mile Lower	AQUIFLOW	42810
6G WSW Click here for full text details 1/8 - 1/4 Mile Lower	AQUIFLOW	42816
7G SW <u>Click here for full text details</u> 1/4 - 1/2 Mile Lower	AQUIFLOW	42678
8G WSW Click here for full text details 1/2 - 1 Mile Lower	AQUIFLOW	42808

#### AREA RADON INFORMATION

State Database: WI Radon

Radon Test Results

Num Tests	# 4-10 pCi/L	# > 10 pCi/L	Avg pCi/L	Max pCi/L
1185	445	179	6.0	90.0

Federal EPA Radon Zone for WAUKESHA County: 1

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 53188

Number of sites tested: 3

% <4 pCi/L Area Average Activity % 4-20 pCi/L % >20 pCi/L Not Reported Living Area - 1st Floor Not Reported Not Reported Not Reported Not Reported Living Area - 2nd Floor Not Reported Not Reported Not Reported 4.367 pCi/L 100% Basement 0% 0%

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### **TOPOGRAPHIC INFORMATION**

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Source: U.S. Geological Survey

#### HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

#### HYDROGEOLOGIC INFORMATION

AQUIFLOW<sup>R</sup> Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

#### **GEOLOGIC INFORMATION**

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

#### PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### LOCAL / REGIONAL WATER AGENCY RECORDS

#### FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

#### STATE RECORDS

Wisconsin Well Construction Report File Source: Department of Natural Resources

Telephone: 608-266-0153

In the past, not all latitude/longitudes were accurate. Many were protracted from centroid (center of the quarter sections given in PLSS). The ones that were not accurate were removed from the well database.

#### OTHER STATE DATABASE INFORMATION

#### RADON

State Database: WI Radon

Source: Department of Health & Family Services

Telephone: 608-266-1865

Wisconsin Measurement Summary

## Area Radon Information Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

#### **OTHER**

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

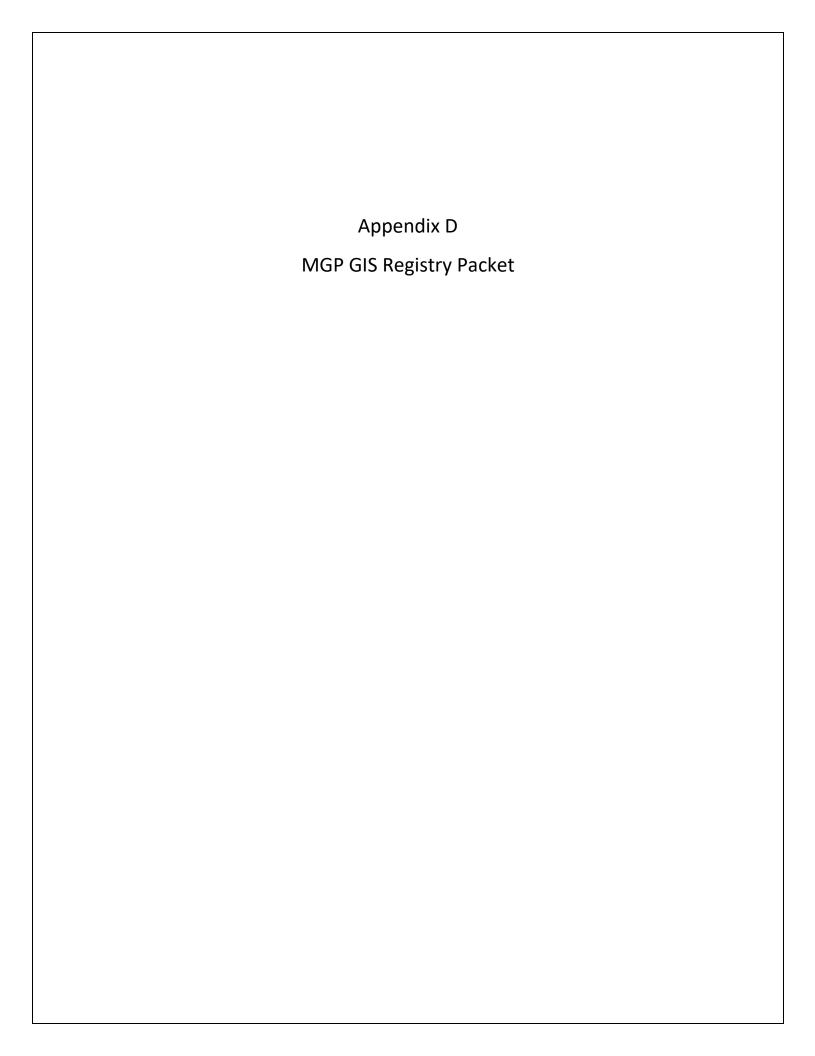
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

#### STREET AND ADDRESS INFORMATION

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State of Wisconsin Department of Natural Resources P.O. Box 7921, Madison, WI 53707-7921

## **GIS REGISTRY (Cover Sheet)**

Form 4400-280 (R 6/13)

Source Proper	ty Information			CLOSURE DATE: 02/03/2012
BRRTS #:	02-68-224334			
ACTIVITY NAME:	WAUKESHA COAL GAS MG	BP SITE		FID #: 268381740
				DATCP #:
PROPERTY ADDRESS:	130 Barstow St			PECFA#:
MUNICIPALITY:	Waukesha			
PARCEL ID #:	WAKC1305374, WAKC1305	375		
	*WTM COORDINATES:		WTM COORDIN	NATES REPRESENT:
X: 6	Y: <b>283865</b>	(	Approximate Cente	r Of Contaminant Source
	* Coordinates are in WTM83, NAD83 (1991)		Approximate Source	e Parcel Center
Please check as approp	priate: (BRRTS Action Code)			
	CONTIN	UING OF	BLIGATIONS	
Contaminated	l Media for Residual Co	ontamina	ation:	
	Contamination > ES (236)		Soil Contaminatio     Soil Contamin	n > *RCL or **SSRCL (232)
	ation in ROW		☐ Contamination	n in ROW
⊠ Off-Source	e Contamination		☐ Off-Source C	ontamination
	of off-source properties Off-Source Property Information 6")	,		ff-source properties Source Property Information,
Site Specific	Obligations:			
Soil: maintain	industrial zoning (220)			222)
•	ination concentrations trial and industrial levels)		☐ Direct Contac	et
	·		Soil to GW Pa	•
Structural Imp	ediment (224)		□ Vapor Mitigation (	(226)
Site Specific C	Condition (228)		Maintain Liability	. , ,
			( <b>note:</b> local government development corporation take a response action	n was directed to
		Monit	oring Wells:	
	Are all monitoring w	ells proper	ly abandoned per NF	R 141? <i>(</i> 23 <i>4)</i>
	<ul><li>Yes</li></ul>	○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 8/11)

Page 1 of 3

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 #:	02-68-224334	(No Dashes)	PARCEL ID #:	WAKC1305374, WAKC1305375	5					
ACTIVITY NAME:	•			WTM COORDINATES:	X: 664169 Y: 283865					
CLOSURE DOCUMENTS (the Department adds these items to the final GIS packet for posting on the Registry)										
<b>区</b> Closure Lette	er									
<b>⊠</b> Maintenance	Plan (if activity i	is closed with a land use	limitation or cond	dition (land use control) under s	292.12, Wis. Stats.)					
☐ Continuing C	<b>Obligation Cove</b>	<b>r Letter</b> (for property o	wners affected b	y residual contamination and/o	or continuing obligations)					
<b>◯</b> Conditional (	Closure Letter									
Certificate of	Completion (C	<b>OC)</b> (for VPLE sites)								

#### **SOURCE LEGAL DOCUMENTS**

- Deed: The most recent deed as well as legal descriptions, for the Source Property (where the contamination originated). Deeds for other, off-source (off-site) properties are located in the **Notification** section.
  - **Note:** If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- | Certified Survey Map: A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. (lots on subdivided or platted property (e.g. lot 2 of xyz subdivision)).

**Title: Plat of Survey** Figure #:

🔀 **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description accurately describes the correct contaminated property.

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

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

**Location Map:** A map outlining all properties within the contaminated site boundaries on a U.S.G.S. topographic map or plat map in sufficient detail to permit easy location of all parcels. If groundwater standards are exceeded, include the location of all potable wells within 1200 feet of the site.

**Note:** Due to security reasons municipal wells are not identified on GIS Packet maps. However, the locations of these municipal wells must be identified on Case Closure Request maps.

Figure #: A-1 **Title: Site Location Map** 

- 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 #: A-2 **Title: Site Features 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 #: 2 **Title: Post-Remedial Soil Analytical Map** 

State of Wisconsin GIS Registry Checklist Department of Natural Resources Form 4400-245 (R 8/11) Page 2 of 3 http://dnr.wi.gov ACTIVITY NAME: WAUKESHA COAL GAS MGP SITE BRRTS #: 02-68-224334 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. Title: Figure #: 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 #: 3-6 **Title: Summary of Analytical Results** ⊠ **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 #: 3-3 **Title: Water Table Contours - April 2009** Figure #: 3-5 Title: Bedrock Well Potentometric Surface April 2009 **TABLES** (meeting the requirements of s. NR 716.15(2)(h)(3)) Tables must be no larger than  $11 \times 17$  inches unless the table is submitted electronically. Tables <u>must not</u> 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. **Title: Summary of Soil Remaining 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 #: 3-4, 3-5 Title: Groundwater Analytical Results, Water Level Elevations: Table(s) that show the previous four (at minimum) water level elevation measurements/dates from all monitoring wells. If present, free product is to be noted on the table. Table #: 3-1 Title: Well Construction and Gauging **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

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).

State of Wisconsin	GIS Registry Checklist	
Department of Natural Resources http://dnr.wi.gov	Form 4400-245 (R 8/11)	Page 3 of 3

BRRTS #: 02-68-224334 ACTIVITY NAME: WAUKESHA COAL GAS MGP SITE

#### **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: 9

- 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.

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:

► 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 <a href="the the contaminated area">the contaminated area</a>, 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: 3

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

## **Impacted Off-Source Property Information**

Form 4400-246 (R 3/08)

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). 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	5#: 02-68-224334 (No Dashes)			
ACTIV	ITY NAME: WAUKESHA COAL GAS MGP SITE			
ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
Α	Bank St (City of Waukesha)	WAKC1305075001	664099	283760
В	212 E St Paul Ave (City of Waukesha Parks Garage)	WAKC1305319	663993	283863
С	210 Bank St	WAKC1305373	664067	283798
D	313 Bank St	WAKC1305075	664129	283781
E	Madison St (Waukesha State Bank Property)	WAKC1305325	663875	283633
F	Madison St (Waukesha State Bank Property)	WAKC 305993	663942	283654
G	Madison St (Waukesha State Bank Property)	WAKC1305326	663722	283668
Н	100 Bank St (Waukesha State Bank)	WAKC1305370	663974	283701
1	E St Paul Ave (Waukesha State Bank Property)	WAKC1035371001	664091	283866

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

Scott Walker, Governor Cathy Stepp, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay – 711



February 3, 2012

Mr. Mark J. Collins WE Energies 231 West Michigan Street Milwaukee, WI 53203

#### KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

Subject: Final Case Closure with Continuing Obligations

Former Waukesha Manufactured Gas Plant Site, 130 NW Barstow St., Waukesha, WI

FID# 268381740, BRRTS# 02-68-224334

Dear Mr. Collins:

The Department of Natural Resources (DNR) considers the former Waukesha Manufactured Gas Plant closed, with continuing obligations. No further investigation or remediation is required at this time. However, you and future property owners must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attached maintenance plan to anyone who purchases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under ch. NR 726, Wisconsin Administrative Code. The DNR reviews environmental remediation cases for compliance with state laws and standards to maintain consistency in the closure of these cases. A conditional closure letter was issued by the DNR on June 24, 2011, and documentation that the conditions in that letter were met was received on October 27, 2011 and January 17, 2012.

The former manufactured gas plant site has soil and groundwater that was contaminated with petroleum contamination. Remedial action included soil excavation and monitored natural attenuation. The conditions of closure and continuing obligations required were based on the property being used for commercial purposes.

## Continuing Obligations

The continuing obligations for this site are summarized below. Further details on actions required are found in the section <u>Closure Conditions</u>.

- Residual soil contamination 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.
- Groundwater contamination is present above ch. NR 140 enforcement standards.



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**GIS Registry** 

This site will be listed on the Remediation and Redevelopment Program's internet accessible Geographic Information System (GIS) Registry, to provide notice of residual contamination and of any continuing obligations. DNR approval prior to well construction or reconstruction is required for all sites shown on the GIS Registry, in accordance with s. NR 812.09(4) (w), Wis. Adm. Code. To obtain approval, complete and submit Form 3300-254 to the DNR Drinking and Groundwater program's regional water supply specialist. This form can be obtained on-line at <a href="http://dnr.wi.gov/org/water/dwg/3300254.pdf">http://dnr.wi.gov/org/water/dwg/3300254.pdf</a> or at the web address listed below for the GIS Registry.

All site information is also on file at the Southeast Regional DNR office, at 141 NW Barstow Street, Waukesha, 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 site on the GIS Registry web page, visit the RR Sites Map page at <a href="http://dnr.wi.gov/org/aw/rr/gis/index.htm">http://dnr.wi.gov/org/aw/rr/gis/index.htm</a>.

#### Prohibited Activities

Certain activities are prohibited at closed sites because maintenance of a barrier is intended to prevent contact with any remaining contamination. When a barrier is required, the condition of closure requires notification of the DNR before making a change, in order to determine if further action is needed to maintain the protectiveness of the remedy employed. The following activities are prohibited on any portion of the property where pavement, a building foundation and a soil cover are required, as shown on the **attached Land Use Controls map**, unless prior written approval has been obtained from the DNR:

- removal of the existing barrier;
- replacement with another barrier;
- excavating or grading of the land surface;
- filling on covered or paved areas;
- plowing for agricultural cultivation;
- construction or placement of a building or other structure;
- changing the use or occupancy of the property to a residential exposure setting, which may include certain uses, such as single or multiple family residences, a school, day care, senior center, hospital, or similar residential exposure settings;

#### Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you and the current property owner, and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter and the attached maintenance plans are met. If these requirements are not followed, the DNR 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.

## Residual Groundwater Contamination (ch. NR 140, Wis. Adm. Code)

Groundwater contamination greater than enforcement standards is present both on this contaminated property and off this contaminated property, as shown on the attached Summary of Analytical Results

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map. Affected property owners were notified of the presence of groundwater contamination. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Residual Soil Contamination (ch. NR 718, or ch. 289, Stats.; chs. 500 to 536, Wis. Adm. Code)

Soil contamination remains in the areas of borings B-05-2, B-05-3, B-05-4, B-05-5 and B-05-6 as indicated on the **attached Post-Remedial Soil Analytical map**. 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 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.

Cover or Barrier (s. 292.12 (2) (a), Wis. Stats)

The pavement, building foundation, and soil cover that exist in the locations shown on the **attached** Land Use Controls map shall be maintained in compliance with the attached maintenance plan in order to prevent direct contact with residual soil contamination that might otherwise pose a threat to human health.

A cover or barrier for industrial land uses, or certain types of commercial land uses may not be protective if use of the property were to change such that a residential exposure would apply. As listed above in the Prohibited Activities section of this letter, this may include, but is not limited to single or multiple family residences, a school, day care, senior center, hospital or similar settings. Before using the property for such purposes, you must notify the DNR to determine if additional response actions are warranted.

A request may be made to modify or replace a cover or barrier. The replacement or modified cover or barrier must be protective of the revised use of the property, and must be approved in writing by the DNR prior to implementation.

The attached maintenance plan and inspection log are to be kept up-to-date and on-site. Submit the inspection log to the DNR only upon request.

The following DNR fact sheet, "Continuing Obligations for Environmental Protection", RR-819, was included with this letter, to help explain a property owner's responsibility for continuing obligations on their property. If the fact sheet is lost, you may obtain a copy at <a href="http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf">http://dnr.wi.gov/org/aw/rr/archives/pubs/RR819.pdf</a>.

Please send written notifications in accordance with the above requirements to the Southeast Regional DNR office at 2300 N. Dr. Martin Luther King, Jr. Drive, Milwaukee WI 53212, to the attention of Environmental Program Assistant.

Mr. Mark J. Collins 02/03/2012

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 DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact Dave Volkert at 262-574-2166.

Sincerely,

Frances M. Koonce

Southeast Region Sub-Team Supervisor Remediation & Redevelopment Program

Frances M. Koonee

#### Attachments

- Maintenance Plan with Exhibits
- Land Use Controls Map
- Post-Remedial Soil Analytical Map
- Summary of Analytical Results Map
- DNR fact sheet RR-819

cc: Joseph Igl, Historic Prairieville LP Leo Linnemanstons, AECOM SER File

## Maintenance and Soils Management Plan October 2011

WDNR Case:

Former Waukesha Manufactured Gas Plant (MGP)

BRRTS# 02-68-224334

FID #268381740

MGP Responsible Party:

We Energies

333 West Everett Street

Milwaukee, Wisconsin 53203 Contact: Mr. Mark Collins Phone: (414) 221-2162

Wisconsin Department of Natural Resources (WDNR) Contact:

Mr. Dave Volkert

Wisconsin Department of Natural Resources

141 NW Barstow Street, Room 180

Waukesha, Wisconsin 53188

Phone: (262) 574-2166

Site:

City of Waukesha, Wisconsin

Waukesha County

NE ¼, Section 3, T6N, R19E (Refer to attached figures)

A) 130 NW Barstow Street Parcel ID WAKC1305374 Commercial Zoning (B2)

Legal Description:

PT BLK A BERGELERS ADDN & P T BLK Q NORTHWEST ADDN; PT NE 1/4 SEC 3 T6N R19E CO M INTRSC NE LI MARY ST & SE LI ST PAUL;S50 E 106' TO B EG; N40 38'14 E295.35'; S50 E 227.07'; SW 91.54' AL G ARC; S54 53'36 W 29.46'; S62 46'W 88.04'; N50 25' 1 W 174.5'; S39 34'58 W 111.9'; N50 W 60.78' TO BEG 1.25 AC R1153/215

Property Owner (as of October 2011):

Historic Prairieville LP 235 West Broadway

Waukesha, Wisconsin 53188

### B) Bank Street Parcel ID WAKC1305375 Commercial Zoning (B2)

Legal Description:

PT LOTS 4 & 5 BLK Q NORTHWEST ADDN & PT LOTS 4, 5 & 6 BLK A BERGELER'S ADDN PT NE1/4 SEC 3 T6N R19E COM E COR LOT 4 BLK A S62 53'W 61.07' TO BEG; S62 53'W 128.27'; N50 W 123.77'; N39 34'59 E 116.9'; S50 25'1 E 174.5' TO BEG .40 ACV520 P560 DEEDS & R1031/60

Property Owner (as of October 2011):
We Energies
231 West Michigan Street
Milwaukee, Wisconsin 53201

#### Introduction

This Maintenance and Soils Management Plan ("Plan") has been prepared for the above-referenced site ("Site") to be implemented as part of the case closure for the Site as shown on the attached map (Figure 1). A copy of this Plan is to be kept on file: (1) by the Wisconsin Department of Natural Resources (WDNR), Southeast Region; (2) by the property owners, including future property owners; (3) by the property manager, if any; and (4) by We Energies. The Plan shall be made available by the property owners to prospective purchasers, contractors, utilities and maintenance personnel, and any other public or private persons or entities authorized to perform work at the Site. Summary reports are on file with the WDNR and are available upon request (WDNR file reference: Former Waukesha MGP Site, BRRTS # 02-68-224334).

#### Plan Purpose and Site Information

The purpose of this Plan is to document the responsibilities associated with the land use controls applicable to the Site and to identify how to properly manage residual MGP-impacted soil and historic fill material (in the subsurface) at the Site (see Appendix A - Definitions).

Residual soil and groundwater impacts extent are shown on Figures 2 and 3. Table 1 provides a summary of the remaining soil analytical results.

#### Responsibilities

- 1) Maintain the existing building, pavement, and grass soil cover. The existing pavement overlying the historic fill and the grass soil cover over the MGP-impacted soil in the area of soil boring B-05-5 (as depicted in Figure 2) will be maintained to prevent exposure to underlying soils. If the building, pavement, or grass soil cover is proposed to be removed, notification to WDNR is necessary. The WDNR may require additional investigation and/or remediation. The property owners would be responsible for contamination other than MGP-related impacts, if discovered. We Energies would be responsible for MGP-related impacts, if discovered.
- 2) Annual inspection. The existing pavement overlying the historic fill and the grass soil cover over the MGP-impacted soil in the area of soil boring B-05-5 (as depicted in Figure 2) will be inspected once a year, normally in the spring after all snow and ice is gone, for deterioration, cracks and other potential problems that can cause exposure to underlying soils. The inspections will be performed by the property owners. The inspections will be performed to evaluate damage due to settling, 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. A log of the inspections and any repairs will be maintained by the property owners and is included as Appendix B, Annual Cap Maintenance 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. A copy of the inspection log will be kept at the address of the property owners and available for submittal or inspection by WDNR representatives upon their request.

- 3) <u>Avoid disturbing residual MGP- impacted or historic fill soil.</u> The property owners shall avoid disturbing the residual MGP-impacted or historic fill soil. The approximate known locations of these areas are shown on Figures 2 and 3.
- 4) <u>Properly manage soils if disturbance cannot be avoided.</u> If disturbance cannot be avoided, the property owners shall notify We Energies ahead of time of the proposed work so assistance can be provided for proper handling and disposal of the materials. Soil disturbing activities shall not be conducted until written approval is obtained from WDNR. Proper material management includes, but is not limited to:
  - A) Segregation of the material removed as residual MGP-impacted soil or historic fill in order to properly characterize and manage the material. All excavated materials must be managed in accordance with NR 718, Wis. Adm. Code.
  - B) Residual MGP-impacted soil or historic fill may be excavated, but must be properly characterized, managed, and disposed as Special Waste. We Energies will coordinate the waste profiling, manifesting and disposal of residual MGP-impacted soil at a designated disposal facility.
  - C) All MGP-impacted groundwater or storm water/surface water that is removed during construction requires special handling and disposal. Such water must be managed in accordance with an approved local or state discharge permit.
- 5) Retain commercial zoning. The Site shall remain subject to commercial zoning and land use unless WDNR approval is granted to change the land use condition. Any additional investigation and remedial action activities that may be necessary due to such a change would be the property owners' responsibility.
- 6) <u>Site improvements.</u> Prior to implementing any Site improvements, the property owners shall determine whether planned Site improvements require WDNR written approval. Site improvements include, but are not limited to, landscaping (i.e., installing trees, shrubs, fence, retaining walls, etc.); and constructing or placing a building or other structure.
  - A) If a building is proposed to be constructed on the Site, the property owners are responsible for reviewing the potential impact of subsurface conditions on building construction methods.
  - B) Site improvements shall be designed to avoid disturbance to the residual MGP-impacted soils. Historic fill materials shall be managed in accordance with WDNR regulations and guidance.
- 7) <u>Inform construction workers of the known contaminated materials.</u> Inform contractors or other construction or maintenance workers of the known residual MGP-impacted soils and other subsurface materials such that the contractor can prepare a site-specific health and safety plan,

appropriate for the work being performed. All workers shall take precautions to protect themselves from exposures to the contaminated materials. All contractor personnel conducting or participating in work in areas that may have contaminated materials must be HAZWOPER-trained as required by 29 CFR 1910.120.

8) <u>Documentation</u>. Following completion of any work disturbing MGP-impacted soil performed at the Site, a brief report shall be prepared. The report shall describe the work performed, identify the person(s) whom performed the work and the date of the work, and confirmation that this Plan was adhered to in completing the work. A copy of the report shall be kept on file by the property owners and the property managers, if any, and a copy shall be filed with the WDNR.

#### Amendment or Withdrawal of Plan

This Plan can be amended or withdrawn by the property owners or We Energies with the written approval of the WDNR.

Attachments: Appendix A - Definitions

Appendix B - Annual Cap Maintenance Inspection Log

Figure 1 - Land Use Controls

Figure 2 – Post-Remedial Soil Analytical Map Figure 3-6 – Summary of Analytical Results

Table 1 - Summary of Soil Remaining Analytical Results

#### **APPENDIX A**

#### **Definitions**

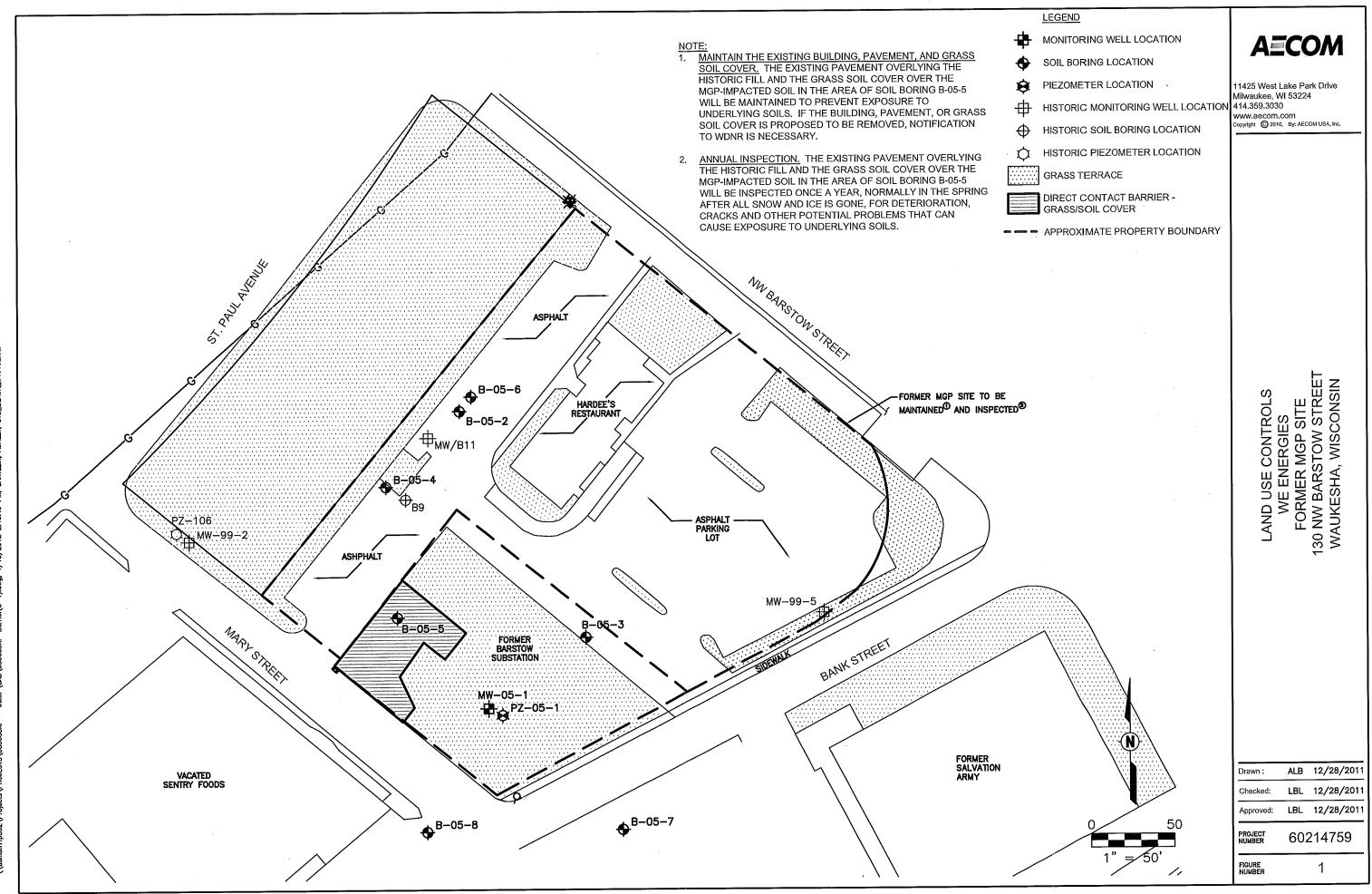
"Residual MGP-impacted soil" is defined as: soils containing evidence of coal tar including odor and/or visual tar or staining. Contaminants of concern (COCs) include benzene, toluene, ethylbenzene, and xylenes (BTEX), and polynuclear aromatic hydrocarbons (PAHs).

"Historic fill material" is defined as: fill materials (not impacted by MGP tar residual) that are present in the shallow subsurface such as foundry sand, coal fines and/or any fill material containing residual contaminants. The fill material was placed on the property to raise the elevation sometime after decommissioning the MGP. Within the ISS treatment area, the historic fill is present at 2 feet below ground surface (bgs) to depths of approximately 4.5 to 7 feet bgs and is underlain by ISS material. In areas outside the ISS treatment area, the historic fill is present near the ground surface to depths of 15 to 20 feet bgs. Refer to Table 1 for historic fill soil quality data. Fill material of this nature is common in urban industrial areas. Fill materials may contain residual concentrations of BTEX, PAHs, lead, and arsenic.

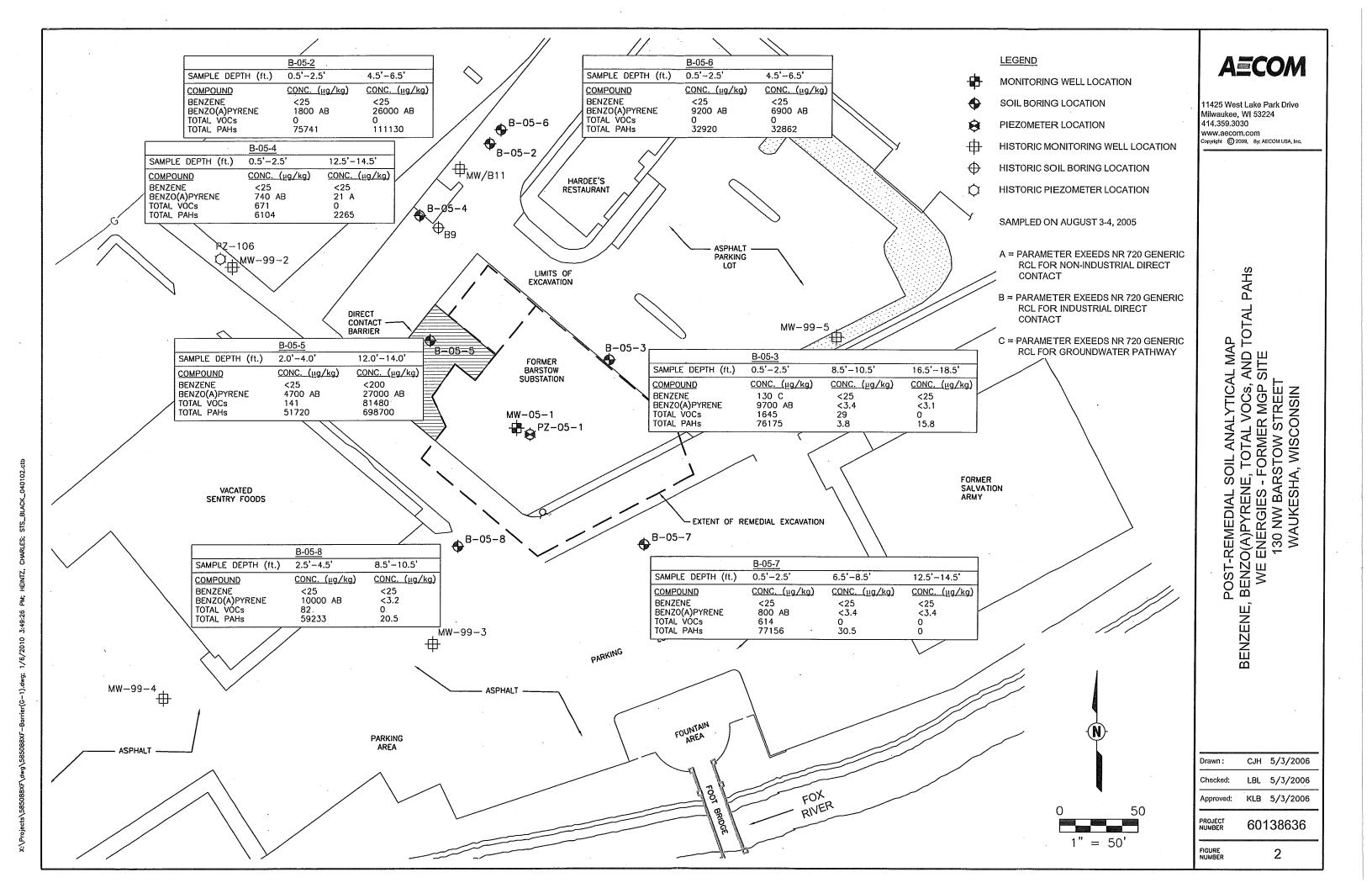
## APPENDIX B

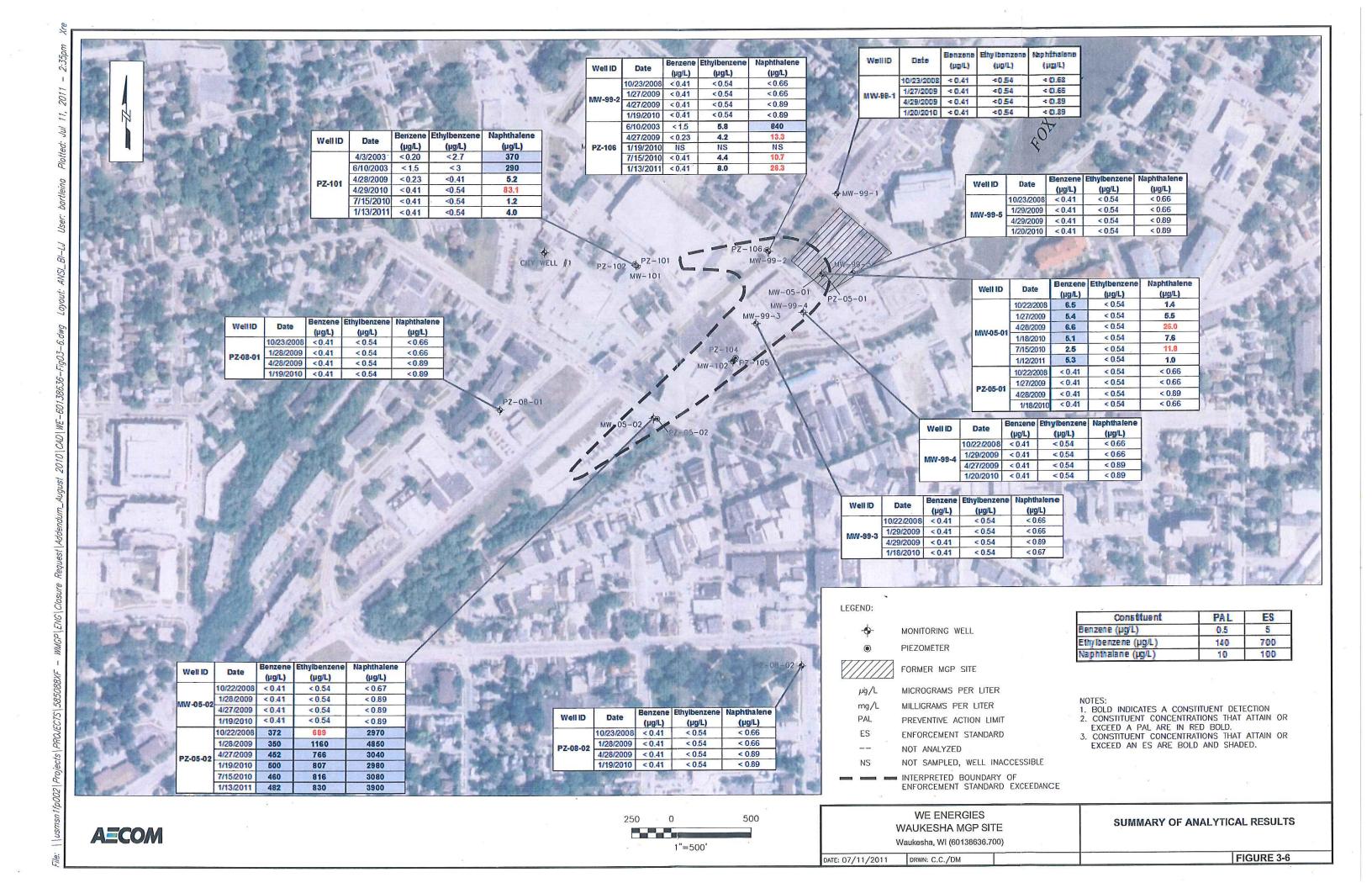
## Annual Cap Maintenance Inspection Log We Energies Former Waukesha MGP Sites Northwest Corner of Bank and Mary Streets Waukesha, Wisconsin WDNR BRRTS #02-68-224334

Inspection Date	Inspector	Condition of Cap	Recommendations	Description of Repair	Date Completed	Individual Overseeing Repair
			*			And a state of the
			Area and Maria Color Col			



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#### TABLE 1 Summary of Soil Remaining Analytical Results Former Waukesha MGP Site - Waukesha, Wisconsin STS PROJECT NO. 5-85088XF

	0	eneric RCLs		B-05-2	B-05-2	B-05-3	B-05-3	B-05-3	B-05-4	B-05-4	B-05-5	B-05-5	B-05-6	B-05-6	B-05-7	B-05-7	B-05-7	B-05-8	B-05-8
	Direct Contact	Pathway	Groundwater	0.5-2.5 ft	4.5-6.5 ft	0.5-2.5 ft	8.5-10.5 ft	16.5-18.5 ft	0.5-2.5 ft	12.5-14.5 ft	2.0-4.0 ft	12.0-14.0 ft	0.5-2.5 ft	6.5-8.5 ft	0.5-2.5 ft	6.5-8.5 ft	12.5-14.5 ft	2.5-4.5 ft	8.5-10.5
Parameters	Non-Industrial	Industrial	Pathway	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/4/2005	8/4/2005	8/4/2005	8/4/2005	8/4/2005	8/4/2005	8/4/2005
										-			•						
PID/FID				0	0	0	. 0	0	0	22.5	0	129	0	0	0	0	0	14.5	0
Dry Weight (%)				82.1	79.4	86,8	85.6	93.1	93,5	91.6	95.8	89.7	81.0	97.4	80.1	85.1	83.9	70.9	90.1
VOCs (μg/kg)																			
Benzene	1,100 □	52,000	5.5 <sup>D</sup>	<25	<25	130 °	<25	<25	<25	<25	<25	<200	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	1,560,000	102,000,000	2,900 D	<25	<25	<25	<25	<25	<25	<25	<25	370	<25	<25	<25	<25	<25	<25	<25
Naphthalene	60,000 <sup>E</sup>	4,000,000 E	400 <sup>E</sup>	<25	<25	1,100 <sup>c</sup>	29	<25	320	<25	110	77,000 AC	<25	<25	210	<25	<25	82	<25
Toluene	3,130,000	204,000,000	1,500 <sup>D</sup>	<25	<25	130	<25	<25	110	<25	<25	<200	<25	<25	61	<25	<25	<25	<25
1,2,4-Trimethylbenzene <sup>1</sup>	782,000	51,100,000	7573	<25	<25	79	<25	<25	61	<25	31	1,500	<25	<25	90	<25	<25	<25	<25
1,3,5-Trimethylbenzene <sup>1</sup>	782,000	51,100,000	3520	<25	<25	40	<25	<25	<25	<25	<25	630	<25	.<25	33 -	<25	<25	<25	<25
Xylenes, total	313,000	204,000,000	4,100 <sup>D</sup>	<75	<75	166	<75	<75	180	<75	<75	1,980	<75	<75	220	<75	<75	<75	<75
PAHs (μg/kg) <sup>E</sup>																			
Acenaphthene	900,000	60,000,000	38,000	<45	<150	· <68	<3.5	<3.2	13	240	100	50000 <sup>C</sup>	<73	32	76	<3.5	<3.5	74	12
Acenaphthylene	18,000	360,000	700	1900 °	2400 °	600	<3.5	4.5	420	200	1900 °	8000 <sup>c</sup>	640	550	1300 <sup>c</sup>	<3.5	<3.6	1700 <sup>C</sup>	<3.3
Anthracene	5.000,000	300,000,000	3,000,000	390	420	500	<4.2	<3.8	210	110	1,600	38,000	130	130	1,200	<4.2	<4.2	410	<3.9
Benzo(a)anthracene	88	3,900	17,000	7200 <sup>AB</sup>	10000 AB	6400 AB	<6.2	<5.7	410 <sup>A</sup>	28	3800 <sup>A</sup>	29000 ABC	1800 <sup>A</sup>	3000 <sup>A</sup>	7000 <sup>AB</sup>	<6.2	- <6.3	3900 AB	<5.9
Bénzo(a)pyrene	8.8	390	48,000	18000 AB	26000 AB	9700 <sup>AB</sup>	<3.4	<3.1	740 <sup>AB</sup>	21 <sup>^</sup>	4700 <sup>AB</sup>	27000 AB	9200 <sup>AB</sup>	6900 <sup>AB</sup>	<sup>80</sup> 0008	<3.4	<3.4	10000 AB	<3.2
Benzo(b)fluoranthene	88	3,900	360,000	. 6600 <sup>AB</sup>	9600 AB	7000 <sup>AB</sup>	<3.3	<3.0	450 <sup>A</sup>	33	3500 <sup>A</sup>	17000 <sup>AB</sup>	3600 <sup>A</sup>	2500 <sup>A</sup>	6400 <sup>AB</sup>	<3.3	<3.3	8400 AB	<3.1
Benzo(ghi)perylene	1,800	39,000	6,800,000	8400 <sup>A</sup>	11000 ^	6200 <sup>A</sup>	<4.2	<3.8	460	18	2800 <sup>A</sup>	10000 <sup>A</sup>	4600 <sup>^</sup>	3300 <sup>A</sup>	4500 <sup>^</sup>	<4.2	<4.2	5500 ^	<3.9
Benzo(k)fluoranthene	880	39,000	870,000	8500 <sup>^</sup>	14000 <sup>A</sup>	7900 <sup>A</sup>	<3.6	<3.3	520	23	3700 <sup>A</sup>	23000 <sup>A</sup>	3800 <sup>A</sup>	3400 <sup>A</sup>	7900 <sup>^</sup>	<3.6	<3.6	8700 <sup>A</sup>	<3.4
Chrysene	8,800	390,000	37,000	7,100	10000 <sup>A</sup>	6,400	<5.1·	<4.7	430	38	3,800	23000 A	2,500	3,400	7,100	<5.1	<5.2	4300	<4.8
Dibenzo(a,h,)anthracene	8.8	390	38,000	1900 <sup>AB</sup>	2300 AB	1200 AB	<3.2	<3.0	110 <sup>A</sup>	5	650 <sup>AB</sup>	2300 AB	850 AB	730 <sup>AB</sup>	1300 AB	<3.2	<3.3 <sub>.</sub>	2000 <sup>AB</sup>	<3.1
Fluroanthene	600,000	40,000,000	500,000	2,100	3,600	10,000	<3.4	<3.1	640	330	7,800	100,000	400	1700	12,000	7.0	<3.4	2,400	4.5
Fluorene	600,000	40,000,000	100,000	170	210	<79	<4.0	<3.7	11	220	370	42,000	<84	<35	130	<4.0	<4.1	70	<3.8
Indeno(1,2,3-cd)pyrene	88	3,900	680,000	7100 <sup>AB</sup>	9600 <sup>AB</sup>	7300 <sup>AB</sup>	<2.9	<2.7	500 <sup>A</sup>	19	3300 A	14000 <sup>AB</sup>	3700 <sup>A</sup>	2700 <sup>A</sup>	5300 AB	<3.0	<3.0	7800 AB	<2.8 <3.4
1-Methylnaphthalene	1,100,000	70,000,000	23,000	<46	<150	95	<3.5	<3.2	28	190	140	21,000	<75	<31	290	<3.6 <3.7	<3.6	69 140	<3.4 <3.5
2-Methylnaphthalene	600,000	40,000,000	20,000	110	<160	130	<3.7	<3.4	47	32	260	4,400 - 76000 AC	<77 <99	<32	340 520 °	<3.7 <4.7	<3.7 <4.8	140 560 <sup>C</sup>	<3.5 <4.4
Naphthalene	20,000	110,000	400	<61	<200	450 °	<4.7	6,3	85	28	2300 <sup>C</sup>	130000 AC	<99 <b>&lt;73</b>	<41 120	3800 °	17 ×4.7	<4.8 <3.5	910	<4.4 <3.3
Phenanthrene	18,000	390,000	1,800	81	<150	1300	<3.4	<3.2	330	280			3<br 1.700	120 4.400	10.000	6.5	<3.5 <2.9	2,300	4.0
Pyrene	500,000	30,000,000	8,700,000	5,900	12000	11000	3.8	5.0	700	450	7,200	84,000	1,700	4,400	10,000	6,5	\$2.9	2,300	4.0
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#### Notes:

VOCs = Volatile Organic Compounds

PAHs = Polynuclear Aromatic Hydrocarbons

- <sup>1</sup> Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.
- <sup>A</sup> Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.
- <sup>B</sup> Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.
- <sup>c</sup> Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.
- <sup>D</sup> Generic RCL is established under NR 720 or NR 746
- <sup>E</sup> Generic RCLs provided in *Soil Cleanup Levels for PAHs Interim Guidance*, WDNR RR-5 1997
- -- No Generic RCL established.

Generic RCLs not included in Wisconsin Administrative Code or Guidance is calculated from the US EPA Soil Screening Level Web Page and the default values contained in Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site WDNR PUB-RR-682

State of Wisconsin

DEPARTMENT OF NATURAL RESOURCES

Waukesha Service Center
141 NW Barstow St

Waukesha WI 53188

Scott Walker, Governor Cathy Stepp, Secretary John Hammen, Acting Regional Director Telephone 262-574-2100 FAX 262-574-2128 TTY Access via relay - 711



June 24, 2011

Mr. Mark J. Collins WE Energies 231 West Michigan Street Milwaukee, WI 53203

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure Former Waukesha Manufactured Gas Plant Site, 130 NW Barstow St., Waukesha, WI FID# 268381740, BRRTS# 02-68-224334

Dear Mr. Collins:

The Department of Natural Resources' (the Department) reviewed your request for closure of the case described above. The Department reviews environmental remediation cases for compliance with state rules and statutes to maintain consistency in the closure of these cases. After careful review of your closure request, the Department has determined that the contamination from the manufactured gas plant appears to be investigated and remediated to the extent practicable under site conditions. Your case has been remediated to Department standards in accordance with s. NR 726.05, Wis. Adm. Code and will be closed if the following conditions are satisfied:

#### **Monitoring Well Abandonment**

All groundwater monitoring wells at the site must be properly abandoned in accordance with ch. NR 141, Wis. Adm. Code. Documentation of well abandonment must be submitted to the Department on Form 3300-005, found at <a href="http://dnr.wi.gov/org/water/dwg/gw/">http://dnr.wi.gov/org/water/dwg/gw/</a> or provided by the Department.

#### Map Revision

Make the requested revisions on the following maps:

- The Summary of Analytical Results map included in the most recent submittal to the Department should be modified to reduce the area shown for the former MGP site. The area should only encompass parcels WAKC 1305374 and WAKC 1305375.
- The Map of Off-Site Properties Included on WDNR GIS Registry, Figure 1, that was included with the October 1, 2010 *Additional Site Closure Documentation* must be revised because the City of Waukesha property labeled 1395-456 will not be included on the GIS Registry.

#### Maintenance and Soils Management Plan

The following changes should be made to the Maintenance and Soils Management Plan:

- The Property listing should include Parcel ID WAKC 1305375 in additional to WAKC 1305374.
- Under the Responsibilities section there should be a listing of Maintaining grass/soil cover in the area of soil boring B-05-5 (as depicted in Figure 2). The grass/soil cover is included under



Annual Inspection, but it should also be listed as an area to be maintained.

When the above requested work is completed forward it and any other future correspondence with the site FID# and BRRTS# noted to: Victoria Stovall, Wisconsin Department of Natural Resources, 2300 N. Dr. ML King Dr., Milwaukee, WI 53212.

The Department appreciates your efforts to restore the environment at this site. If you have any questions regarding this letter, please contact me at the letterhead address or at (262) 574-2166.

Sincerely,

David G. Volkert, P.G.

Hydrogeologist

Bureau for Remediation & Redevelopment

1. Vels

cc: Leo Linnemanstons, AECOM

SER File

Haviata Decl Markenha Bas VEloc to to his & VElg dated fine 2,1973 110458

THIS INDENTURE, made this 2 day of ----- 1923, between the TAUNUSHA CAS and ELECTRIC COMPANY, a corporation duly organized and existing under and by virtue of the Isws of the State of Wissonein, hereinafter called the Grantor, and Visconsin CAS and Electric Company, a corporation duly organized and existing under and by virtue of the Isws of the State of Visconein, hereinafter called the Grantos, the State of Visconein, hereinafter called the Grantes,

"TONESSETTI: That the Grantor, for and in consideration of the sum of Six Hundred and Fifty Thousand (\$650,000.00) Dollars, lawful money of the United States, and the covenant of Wisconsin Edison Company, obtained by Wisconsin Cas and Electric Company, to indomnity and save harmless the American Cas Company, a corporation of the State of New Jersey, upon its guarantee of the payment of the principal and interest, upon maturity, of a pertain indenture of mortgage made by the Taukenna Gas and Electric Company to Cirard Trust Company, Trustee, January 1, 1909, to secure the payment of principal of Six Hundred Thousand (\$600,000.00) Dellurs, par value 5% First Mortgage Gold Bonds and the interest accrued upon said bonds from May 1, 1923, has given, granted, bargained, cold, remised, released, slicked, conveyed and confirmed, and by these precents does give, grant, bargain, sell, remise, release, alion, convey and confirm with maid Grantee, its successors and asplication forever, all the following described real and personal property, which property is hereby con\_ subject to the lien of the mortgage and bonds heretofore described.

FIRST. All of the following described real estate lying, being and situate in the City of Waukesha, County of Waukesha, and State of Wisconsin, to wit:

All of lots One (1), Two (2), Three (3), Four (4), and Five (5), in block "Q", Northwest Addition to Prairieville (now Wankesha), according to the recorded plat thereof, excepting a strip of land

On the northwesterly end of said late herstofer cold to the Onl-

Also a part of let Right (8), in said blook 70% described as follows: Commencing at the north corner of said let Right (8), block 70% thence running ensterly on the northerly line of said block firty-four and one-half (54 1/2) feet, thence positherly and partitled to the wanterly line of suid let Eight (8), Sixty (60) feet, thence westerly and parallel to the northerly line of said let Eight (8), firty-four and one-half (54 1/2) feet to a count on the wanterly line of said let Eight (8), thence northerly on the westerly line of said let Eight (8), thence northerly on the westerly line of said let Eight (8), sixty (60) feet to beginning.

Also the westerly one-half (1/2) of Cutler's Alley (vacated) in said block "Q".

Also all that part of the easterly one-half (1/2) of said Cutler's Alley which lies westerly of and adjoining the westerly line of the northerly sixty (50) feet of lot Bight (5), in said block "Q".

Also lots Two (2), Three (5), Four (4), Five (5), and Six (5), in block "A", Bergeler's Addition to Walkesha according to the recorded plat thereof.

Also all of let One (1) in block "At of the plat of Borgeler's Addition to the Village now the City of Taukesha, Visconsin, according to the recorded plat thereof, appearing in Volume 3 of plats, on page 74. Taukesha County Records, situate in the City and County of Waukesha, State of Wisconsin.

Also the East one-half (E.1/2) of lot Seven (7), and a strip of land twenty (20) feet in width off the Wast side of lot Eight(8) in block "I", in John Gale, Junior, William A. Harotow and Robert Lockwood's plat of Prairieville, in the City of "makesha, Wisconsin.

Also the following denoribed real estate situated in the County of Taukenha, State of Windowsin, to wit

Commencing at a point in the northwest line of Cherry Street extended and at a point in the center of Mary Street where it inter-

being vacated by order of the Common Council of the City of Vankesha, on Jamuary 17, 1922, thence northwesterly along the center line of maid Mary Street to the southeast line of the right of way of the Chicago, Milwaukes & St. Paul Rollway Company, thence northwestly along the southeast line of said Railway Companys right of way to the South line of property now owned by the Jankesha Gas and Electric Company, thence sauterly along said south line of the Test line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, thence southwesterly along said west line of Cherry Street, the place of beginning.

The tract of land herein described being the North Che-half (N. 1/2) of all that part of Eary Street which was vacated by an order of the Common Council, of the City of Taukesha, on January 17, 1922; a certified copy of which was recorded in the office of the Register of Deeds, of Taukesha County, as document to 120583 on the 18th day of Tankary, 1922, at sleven ofclock A.E. in which was 176 of deeds on pages 195-199

Also the following described real estate situated in the County of Taukocha, State of Secondin, to wit:

extended and at a point in the northwest line of Charry Street where it interusets the northwest line of anid Charry Street as it was prior to
being vacated by the order of the Common Council, of the City of
Taukesha, on January 17, 1922, thence northwesterly along the center
line of said Mary Street to the southeast line of the right of way
of the Chicago, Milwaukes & St. Faul Railway Company, thence southwest clong the southeast line of said Unilway Company, trick of
way to the northeast line of let Nine (9) in block TP\* of the Northwest Addition to the City of Taukesha, according to the recorded plat
thereof, thence southeasterly mions the north line of lets Fine (9)
and Ten (10) in said block "P\* of said Northwest Addition to a point

in the northwest line of Cherry Street extended, thence northeast along the northwest line of Cherry Street to the place of beginning.

The tract of land herein conveyed being the South one-half (S.1/2) of all that part of Mary Street which was vacated by an order of the Common Council of the City of Waukesha, on January 17, 1922, a certified copy of which was recorded in the office of the Register of Deeds of Waukesha County, as document No. 120585, on the 18th day of January, 1922, at sleven o'clock A.M., in volume 176 of Deeds, on pages 196-199, which reverted to became a part of lots Nine (9) and Ten (10) of Block "P" of the Northwest Addition to the City of Waukesha, according to the recorded plat theraef.

Also a Strip of land fifteen (15) feet in width off from the northerly side of the property owned by Francis B. Wells and which said piece of land so owned by Francis B. Wells was described as all that part of the southwest quarter (8.W.1/4) of Section Thirty-rive (35), Township Seven (7), north of Range Nineteen (19) East, and more fully described in a deed from Andrew Kinney to Catherine Kinney, recorded in volume 80, page 66, of Deeds, Waukesha County Records, and containing three (3) mores, more or less.

Also all real estate and rights therein owned by Waukesha Gas & Electric Company and situate in said County of Waukesha, including all casements and rights appurtenant thereto.

SECOND. All the machinery, engines, boilers, gas mains, pines, service pipes, meters, fixtures and gas works, and gas works machinery, plants and fixtures, construction and equipment of all kinds constituting the gas works plants and property of the party of the first part hereto; and all the machinery, engines, boilers, apparatus motors, lines, poles, wires, appliances, fixtures and electric works, and electric machinery, plant and fixtures, construction and equipment of all kinds constituting the electric plant and property of the first party hereto, located in and about the City of Waukesna, in Waukesha County, Wisconsin, together with all tools and implements

used or required for use in connection therewith, but not including materials and supplies.

THIRD. All the rights, franchises, privileges, leases, ordinances, customer's contracts, and rights of all kinds belonging to the party of the first part hereto.

FOURTH. Also all utility property of every sort and description, including machinery, sugines, boilers, gas mains, pipes, service pipes, meters, electrical apparatus, motors, lines, poles, wires, appliances and fixtures, gas works and gas machinery, electric works and electric machinery and equipment of all kinds, together with all tools and implements, but not including storeroom stock, materials and supplies used or required for use in connection therewith, the whole constituting the utility plant and property of Grantor as of the day of the date of this Indenture.

TO HAVE AND TO HOLD the said property, real and personal, conveyed hereby, unto the said Grantes, its successors and assigns forever, subject however, as to the properties described therein, or subject thereto, to the lien of the Granter's Mortgage or Deed of Trust, dated January 1, 1905, and executed by the Granter to the Girard Trust Company of Philadelphia, as Trustee, to secure an issue of Six Hundred Thousand (\$600,000.00) Dollars par value of 5% First Mortgage Gold Bonds, all of which have been issued and are outstanding.

And the said Grantor, for itself and its successors and assigns, does covenant, grant, targain and agree to and with the said Grantse, its successors and assigns, that at the time of the ensealing and delivery of these presents it is well selzed of the premises conveyed hereby, as of a good, sure, perfect, absolute and indefeasible estate of inheritance in the law, in fee simple, and that the said premises and said property, rights, privileges and franchises are free and clear from all incumbrances what cover, except the lien of the mort.

hereinvefore mentioned and described; and that the premises and property hereby conveyed in the quiet and penceable nossession of the Grantee, its successors and assigns, against all and every person or persons lawfully claiming the whole or any part thereof, otherwise than under or pursuant to the lien of said mortgage hereinbefore menutioned and described, it will forever Warrant and Defend.

IN MITNESS Whomeof. Tentents Com and Electric Company, Grantor herein, has caused these presents to be signed in the companion name by its Tresteent or one of its Vice Presidents, and its companion sed; to be hereunts acraised and attested by its Secretary, as of the day and year first above written.

AMEGRICA (CAS AMERICANE AND ENGLISHED SOCIETATION OF STRAINS

Har we

President.

ATT: ST

Mafredham.

Witnesses to execution by

Taulcedia Ges & Electric Company:

STATE OF TISCONSIN)
COUNTY OF TAUKESIA

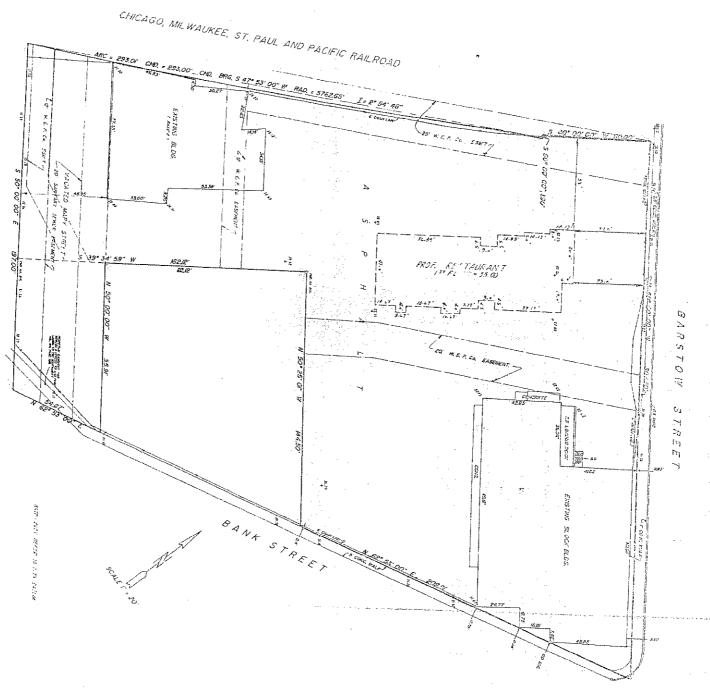




The it Remaindered. This controls and day of June. All yes personally came before me it is independent to me income to be the secretary of the fault and it. A Jacobson, to me income to be the secretary of the gaukenha can be be the personal the and of the foregoing instrument, and severally notatively of the that they executed the first class income as the secretary notatively of that they executed the first class income as the secretary notatively of the third first class in the secretary notatively of the secretary of the sec

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Calendar

Permits & Licenses Search

Query Type: Street

#### PROPERTY INFORMATION

PARCEL NUMBER

1305374

PROPERTY ADDRESS

130 BARSTOW ST NW

PROPERTY CLASS

COMMERCIAL

CHRISTIANSEN INVESTMENTS PROPERTY

TAX INFORMATION

2005

>2004

NET TAX RATE(per \$1000)

18.25

23.94

TOTAL PROPERTY TAX

\$14719.75

\$17214.869140625

TAX BILL BALANCE DUE

\$4894.0

\$0.0

REPRINT TAX BILL

REPRINT 2005

REPRINT 2004

#### ASSESSMENT INFORMATION

LAND

\$326700 LAST SALE PRICE

\$225000

**IMPROVEMENTS** 

\$478100 SALE TYPE

LAND

TOTAL ASS'D VALUE

\$804800 SALE VALID

YES

AVE. ASSMT, RATIO

LAST SALE DATE

01/01/89

#### PARCEL INFORMATION

**TOTAL ACRES** 

1.25 ZONING

B-2

EFFECTIVE FRONTAGE

0 NEIGHBORHOOD YES TIF DISTRICT

990

BUSINESS DISTRICT NUMBER OF FAMILIES

EFFECTIVE DEPTH

0 NUMBER OF UNITS

11 0

LEGAL DESCRIPTION

PT BLK A BERGELERS ADDN & PT BLK Q

NORTHWEST ADDN; PT NE 1/4 SEC 3 T6N R19E COM INTRSC NE LI MARY ST & SE LI ST PAUL: S50 E 106' TO BEG; N40 38'14 E295.35'; S50 E 227.07'; SW 91.54' ALG ARC; S54 53'36 W 29.46'; S62 46'W 88.04'; N50 25'1 W 174.5'; S39 34'58 W 111.9';

N50 W 60.78' TO BEG 1.25 AC R1153/215

VIEW PARCEL IMAGE

View Parcel Image

\*\*\* The 'View Parcel Image' feature is being tested. It may not work on all computers. \*\*\*

New Search

We Energies property located at northwest corner of intersection of Bank Street and Mary Street in the City of Waukesha, Waukesha County, Wisconsin.

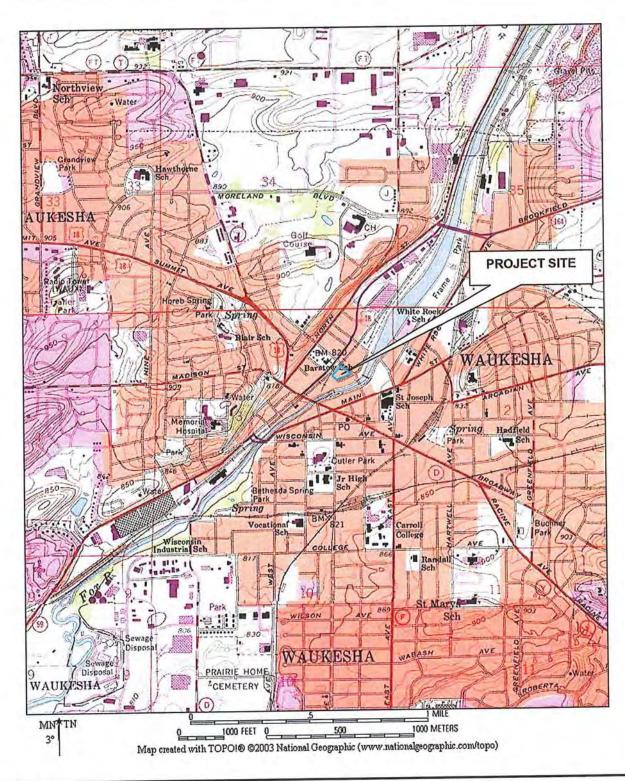
WDNR FID #: 268381740; WDNR BRRTS/Activity #: 02-68-224334

TAX Parcel ID #: WAKC1305375

**LEGAL DESCRIPTION:** PT LOTS 4&5 BLK Q NORTHWEST ADDN & PT LOTS 4,5 & 6 BLK A BERGLER'S ADDN PT NE ¼ SEC 3 T6N R19E COM E COR LOT 4 BLK A S62 53' W61.07' TO BEG; S62 53' W128.27'; N50 W123.77'; N39 34'59 E116.9'; S50 25'1 E 174.5' to BEG. 40 ACV520 P560 DEEDS & R1031/60.

Date:	December 18, 2009
Site Name:	Waukesha MGP Site – Former Substation Parcel
Site Address:	Bank Street - Waukesha Parcel No. 1305375
	Waukesha, WI 53188
Responsible Party:	We Energies
Address:	333 West Everett Street
	Milwaukee, WI 53202

Signature

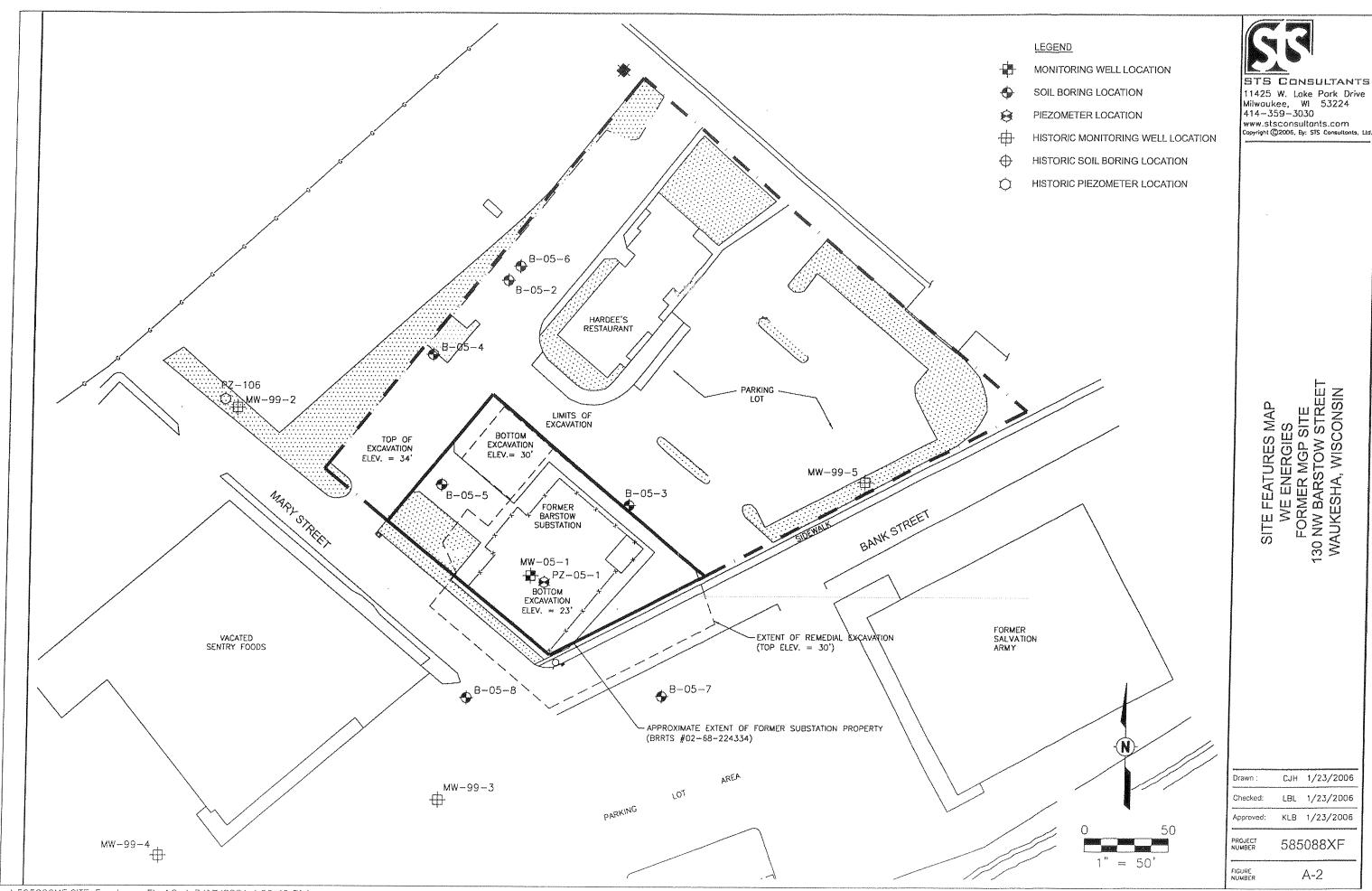


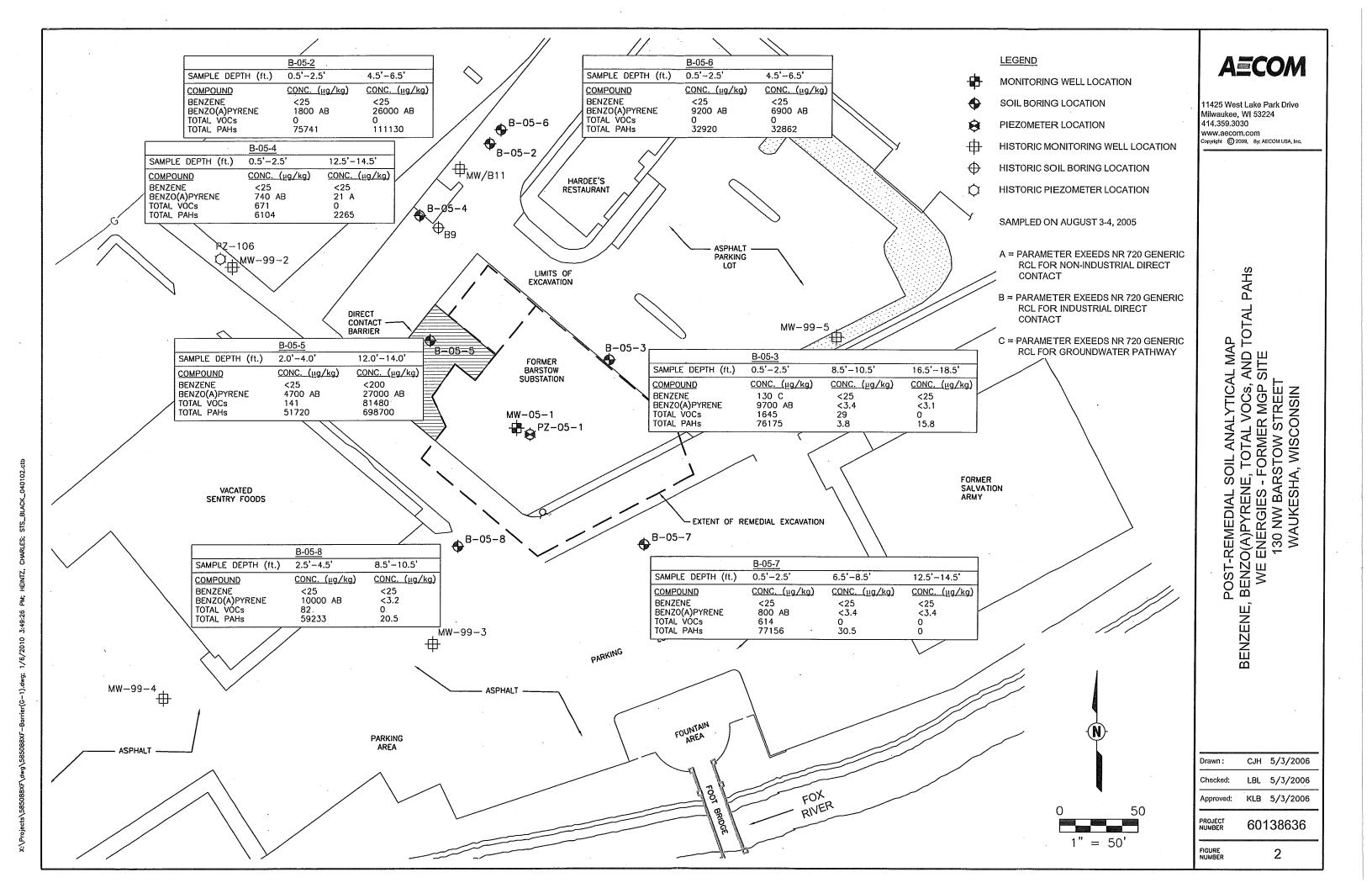


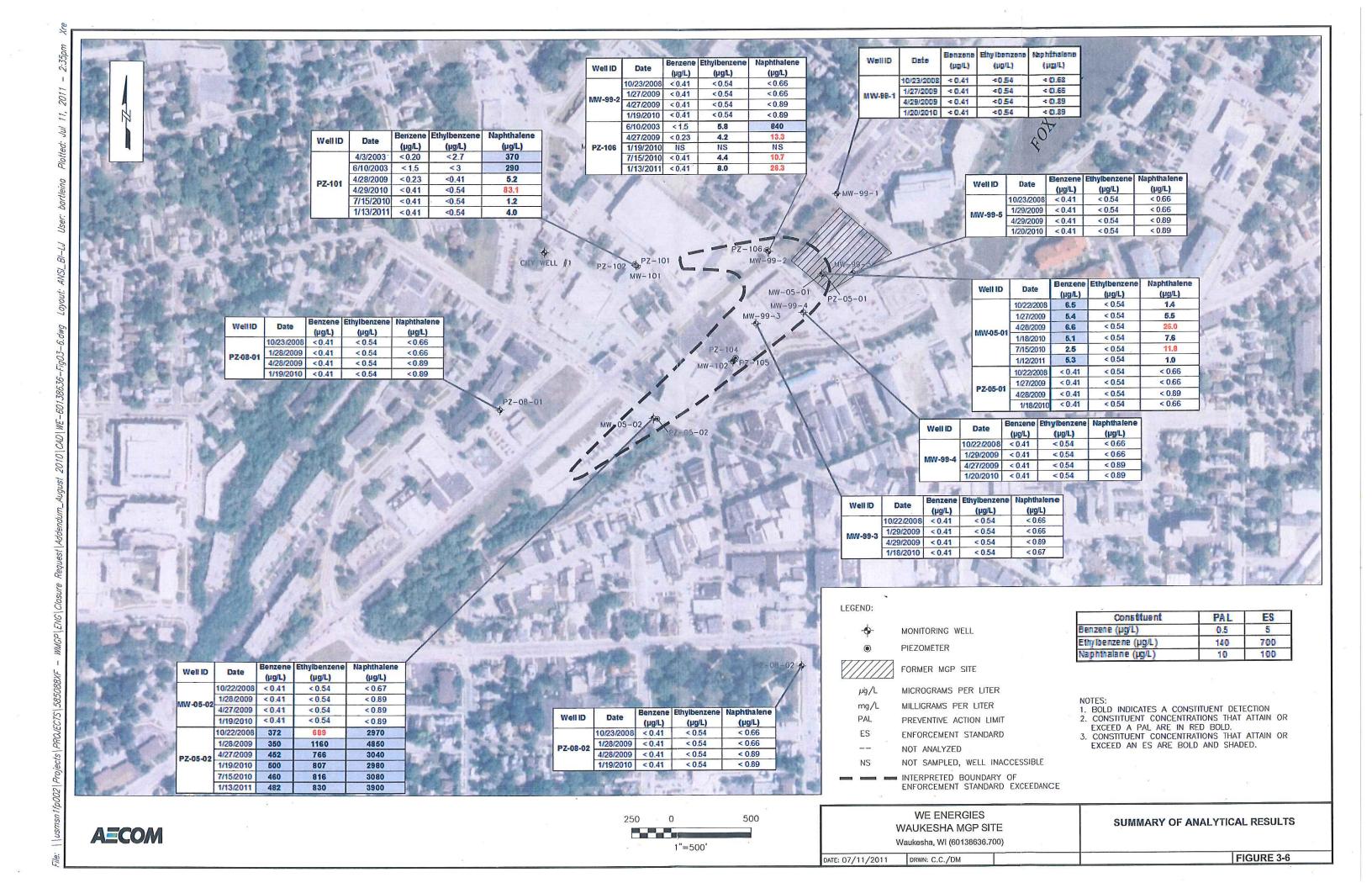
# SITE LOCATION MAP

Waukesha MGP Site 130 N.W. Barstow Street Waukesha, Wisconsin

Drawn:	LBL 02/21/2006
Checked:	KRB 02/21/2006
Approved:	KRB 02/21/2006
PROJECT NUMBER	5-85088XF
FIGURE NUMBER	A-1







#### TABLE 1 Summary of Soil Remaining Analytical Results Former Waukesha MGP Site - Waukesha, Wisconsin STS PROJECT NO. 5-85088XF

	0	eneric RCLs		B-05-2	B-05-2	B-05-3	B-05-3	B-05-3	B-05-4	B-05-4	B-05-5	B-05-5	B-05-6	B-05-6	B-05-7	B-05-7	B-05-7	B-05-8	B-05-8
	Direct Contact	Pathway	Groundwater	0.5-2.5 ft	4.5-6.5 ft	0.5-2.5 ft	8.5-10.5 ft	16.5-18.5 ft	0.5-2.5 ft	12.5-14.5 ft	2.0-4.0 ft	12.0-14.0 ft	0.5-2.5 ft	6.5-8.5 ft	0.5-2.5 ft	6.5-8.5 ft	12.5-14.5 ft	2.5-4.5 ft	8.5-10.5
Parameters	Non-Industrial	Industrial	Pathway	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/3/2005	8/4/2005	8/4/2005	8/4/2005	8/4/2005	8/4/2005	8/4/2005	8/4/2005
										-			•						
PID/FID				0	0	0	. 0	0	0	22.5	0	129	0	0	0	0	0	14.5	0
Dry Weight (%)				82.1	79.4	86,8	85.6	93.1	93,5	91.6	95.8	89.7	81.0	97.4	80.1	85.1	83.9	70.9	90.1
VOCs (μg/kg)																			
Benzene	1,100 □	52,000	5.5 <sup>D</sup>	<25	<25	130 °	<25	<25	<25	<25	<25	<200	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	1,560,000	102,000,000	2,900 D	<25	<25	<25	<25	<25	<25	<25	<25	370	<25	<25	<25	<25	<25	<25	<25
Naphthalene	60,000 <sup>E</sup>	4,000,000 E	400 <sup>E</sup>	<25	<25	1,100 <sup>c</sup>	29	<25	320	<25	110	77,000 AC	<25	<25	210	<25	<25	82	<25
Toluene	3,130,000	204,000,000	1,500 <sup>D</sup>	<25	<25	130	<25	<25	110	<25	<25	<200	<25	<25	61	<25	<25	<25	<25
1,2,4-Trimethylbenzene <sup>1</sup>	782,000	51,100,000	7573	<25	<25	79	<25	<25	61	<25	31	1,500	<25	<25	90	<25	<25	<25	<25
1,3,5-Trimethylbenzene <sup>1</sup>	782,000	51,100,000	3520	<25	<25	40	<25	· <25	<25	<25	<25	630	<25	.<25	33 -	<25	<25	<25	<25
Xylenes, total	313,000	204,000,000	4,100 <sup>D</sup>	<75	<75	166	<75	<75	180	<75	<75	1,980	<75	<75	220	<75	<75	<75	<75
PAHs (μg/kg) <sup>E</sup>																			
Acenaphthene	900,000	60,000,000	38,000	<45	<150	· <68	<3.5	<3.2	13	240	100	50000 <sup>C</sup>	<73	32	76	<3.5	<3.5	74	12
Acenaphthylene	18,000	360,000	700	1900 °	2400 <sup>C</sup>	600	<3.5	4.5	420	200	1900 °	8000 <sup>c</sup>	640	550	1300 <sup>c</sup>	<3.5	<3.6	1700 <sup>C</sup>	<3.3
Anthracene	5.000,000	300,000,000	3,000,000	390	420	500	<4.2	<3.8	210	110	1,600	38,000	130	130	1,200	<4.2	<4.2	410	<3.9
Benzo(a)anthracene	88	3,900	17,000	7200 <sup>AB</sup>	10000 AB	6400 AB	<6.2	<5.7	410 <sup>A</sup>	28	3800 <sup>A</sup>	29000 ABC	1800 <sup>A</sup>	3000 <sup>A</sup>	7000 <sup>AB</sup>	<6.2	- <6.3	3900 AB	<5.9
Bénzo(a)pyrene	8.8	390	48,000	18000 AB	26000 AB	9700 <sup>AB</sup>	<3.4	<3.1	740 <sup>AB</sup>	21 <sup>^</sup>	4700 <sup>AB</sup>	27000 AB	9200 <sup>AB</sup>	6900 <sup>AB</sup>	<sup>80</sup> 0008	<3.4	<3.4	10000 AB	<3.2
Benzo(b)fluoranthene	88	3,900	360,000	. 6600 <sup>AB</sup>	9600 AB	7000 <sup>AB</sup>	<3.3	<3.0	450 <sup>A</sup>	33	3500 <sup>A</sup>	17000 <sup>AB</sup>	3600 <sup>A</sup>	2500 <sup>A</sup>	6400 <sup>AB</sup>	<3.3	<3.3	8400 AB	<3.1
Benzo(ghi)perylene	1,800	39,000	6,800,000	8400 <sup>A</sup>	11000 ^	6200 <sup>A</sup>	<4.2	<3.8	460	18	2800 <sup>A</sup>	10000 <sup>A</sup>	4600 <sup>^</sup>	3300 <sup>A</sup>	4500 <sup>^</sup>	<4.2	<4.2	5500 ^	<3.9
Benzo(k)fluoranthene	880	39,000	870,000	8500 <sup>^</sup>	14000 <sup>A</sup>	7900 <sup>A</sup>	<3.6	<3.3	520	23	3700 <sup>A</sup>	23000 <sup>A</sup>	3800 <sup>A</sup>	3400 <sup>A</sup>	7900 <sup>^</sup>	<3.6	<3.6	8700 <sup>A</sup>	<3.4
Chrysene	8,800	390,000	37,000	7,100	10000 <sup>A</sup>	6,400	<5.1·	<4.7	430	38	3,800	23000 A	2,500	3,400	7,100	<5.1	<5.2	4300	<4.8
Dibenzo(a,h,)anthracene	8.8	390	38,000	1900 <sup>AB</sup>	2300 AB	1200 AB	<3.2	<3.0	110 <sup>A</sup>	5	650 <sup>AB</sup>	2300 <sup>AB</sup>	850 AB	730 <sup>AB</sup>	1300 AB	<3.2	<3.3 <sub>.</sub>	2000 <sup>AB</sup>	<3.1
Fluroanthene	600,000	40,000,000	500,000	2,100	3,600	10,000	<3.4	<3.1	640	330	7,800	100,000	400	1700	12,000	7.0	<3.4	2,400	4.5
Fluorene	600,000	40,000,000	100,000	170	210	<79	<4.0	<3.7	11	220	370	42,000	<84	<35	130	<4.0	<4.1	70	<3.8
Indeno(1,2,3-cd)pyrene	88	3,900	680,000	7100 <sup>AB</sup>	9600 <sup>AB</sup>	7300 <sup>AB</sup>	<2.9	<2.7	500 <sup>A</sup>	19	3300 A	14000 <sup>AB</sup>	3700 <sup>A</sup>	2700 <sup>A</sup>	5300 AB	<3.0	<3.0	7800 AB	<2.8 <3.4
1-Methylnaphthalene	1,100,000	70,000,000	23,000	<46	<150	95	<3.5	<3.2	28	190	140	21,000	<75	<31	290	<3.6 <3.7	<3.6	69 140	<3.4 <3.5
2-Methylnaphthalene	600,000	40,000,000	20,000	110	<160	130	<3.7	<3.4	47	32	260	4,400 - 76000 AC	<77 <99	<32	340 520 °	<3.7 <4.7	<3.7 <4.8	140 560 <sup>C</sup>	<3.5 <4.4
Naphthalene	20,000	110,000	400	<61	<200	450 °	<4.7	6.3	85	28	2300 <sup>C</sup>	130000 AC	<99 <b>&lt;73</b>	<41 120	3800 °	17 ×4.7	<4.8 <3.5	910	<4.4 <3.3
Phenanthrene	18,000	390,000	1,800	81	<150	1300	<3.4	<3.2	330	280			3<br 1.700	120 4.400	10.000	6.5	<3.5 <2.9	2,300	4.0
Pyrene	500,000	30,000,000	8,700,000	5,900	12000	11000	3.8	5.0	700	450	7,200	84,000	1,700	4,400	10,000	6,0	\$2.9	2,300	4.0
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#### Notes:

VOCs = Volatile Organic Compounds

PAHs = Polynuclear Aromatic Hydrocarbons

- <sup>1</sup> Standards are for 1,2,4- and 1,3,5-Trimethylbenzene combined.
- <sup>A</sup> Parameter exceeds NR 720 Generic RCL for Non-Industrial Direct Contact.
- <sup>B</sup> Parameter exceeds NR 720 Generic RCL for Industrial Direct Contact.
- <sup>c</sup> Parameter exceeds NR 720 Generic RCL for Groundwater Pathway.
- <sup>D</sup> Generic RCL is established under NR 720 or NR 746
- <sup>E</sup> Generic RCLs provided in *Soil Cleanup Levels for PAHs Interim Guidance*, WDNR RR-5 1997
- -- No Generic RCL established.

Generic RCLs not included in Wisconsin Administrative Code or Guidance is calculated from the US EPA Soil Screening Level Web Page and the default values contained in Determining Residual Contaminant Levels using the EPA Soil Screening Level Web Site WDNR PUB-RR-682

										VV	aukesha, '	WISCOIISIII	J												
							Volatile	Organic C	ompounds	(VOCs)								In	organics an	nd Natural	Attenutatio	n Paramete	rs		
Sample Location	Sampling Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Methyl Tertiary Butyl Ether (µg/L)	Toluene (µg/L.)	Trimethylbenzene, Total* (µg/L)	Xylenes, Total (µg/L)	n-Butylbenzene (µg/L)	cis-1,2- Dichloroethene (µg/L)	trans-1,2- Dichloroethene (µg/L)	Isopropylbenzene (µg/L)	Naphthalene*** (µg/L)	n-Propylbenzene (µg/L)	Styrene (µg/L)	Trichlorethene (µg/L)	Cyanide, Total** (mg/L)	Ferrous Iron (mg/L)	Iron, Dissolved (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Methane (µg/L)	Nitrate (mg/L)	Nitrate-Nitrite as N (mg/L)	Manganese, Total (mg/L)	Manganese, Dissolved (mg/L)
Wisconsin Groundw		rds (NR 140	))																		,-			0.005	0.005
Preventive Action Li	mit (PAL)	0.5	140	12	200	96	1,000	ne	7	20	ne	8	ne	10	0.5	0.04	0.15 0.3	0.15 0.3	125 250	ne ne	ne ne	10	10	0.025 0.05	0.025
Enforcement Standa	ird (ES) op of Well Screen (f	5	700	60	1,000	480 Well Screer	10,000	ne	70	100	ne	40	ne	100	5	0,2	0.3	0.5	200	110	TIC	10	10	0.00	
MW-99-1 T MW-99-1	1/12/2000	amsı). ou	1.2q		Letigui oi											<0.089		3.3	29	~~			<0.01		
MW-99-1	3/8/2000		1,2q															••							
MW-99-1	3/17/2000			***			**									<0.089									
MW-99-1	3/17/2000											***				<0.004									
MW-99-1	1/23/2002		-													<0.0021		2.1	43				0.16		0.32
MW-99-1	4/16/2002	***														0.0024		0.035	48				0.88		0.036
MW-99-1	7/9/2002		**													<0.0023		0.72	43				<0.034		0.63
MW-99-1	1/8/2003	<0.45	1.0q	0.61q	<0.68	<0.94	<1.7									<0.0014		3.2	9.2				<0.09x		0.30
MW-99-1	4/2/031	<0.30	1.6q	<0.58	<0.58	<0.66	<1.2									0.0000		2.3	 79				0.33		0.42
MW-99-1	4/2/032	<0.41 H	<0.54 H	<0.61 H	0.67 H	<0.97H	<1.8 H	<0.93 H	<0.83 H	<0.89 H	<0.59 H	0.21	<0.81 H	<0.86 H	<0.48 H	0.0023		0.13	43				1,2		0.28
MW-99-1	6/10/2003	<0.3	<0.6	<0.58	<0.58	<1.18	<1.84					0.08				<0.003		4.8	5.8				<0.095		0.34
MW-99-1	10/22/2003															0.002		1.3	42				0.22		0.4
MW-99-1	1/14/2004 4/1/2004															<0.0016		0.12	51				2.9		0.048
MW-99-1 MW-99-1	7/6/2004															0.003		0.016	38				1		0.09
MW-99-1	10/1/2004															<0.0037		2.5	26				<0.1		0.79
MW-99-1	11/10/2004															<0.0037			**						
MW-99-1	1/4/2005															<0.0037		0.18	45				0.75		0.26
MW-99-1	4/21/2005															<0.0037		0.079	73				0.73		0.33
MW-99-1	7/8/2005											***				<0.0037		1.9	50				<0.1	**	1.1
MW-99-1	10/20/2005	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					0.03				<0.0037		4.9	16				<0.04		0.71
MW-99-1	1/25/2006	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					<0.047				<0.0037		0.16	83				1 1		0.66
MW-99-1	4/18/2006	<0.21	<0.4	<0.36	<0.36	<0.79	<1.1				<0.047					<0.0094		0.027	61				1.4		0.022 0.74
MW-99-1	7/6/2006											<b></b>				<0.0094		0.082	48				0.37 2.6		0.0073
MW-99-1	10/19/2006	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1									<0.0094		0.025	33 49				1.8		0.0073
MW-99-1	1/3/2007	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1						<del></del>			<0.0094	0.053	0.14	36.1	< 2,3	38.8	0.25		0.934	0.863
MW-99-1	10/23/2008	< 0.41	< 0.54	< 0.61	< 0.67	<1.8	<2.63										< 0.026		62.7	< 2,3	< 2	0.50		0.217	0.196
MW-99-1	1/27/2009	< 0.41	< 0.54	< 0.61	< 0.67	<1.8	<2.63		<0.03	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H		32.2	<2.3	<2		0.47 H. M	0.0046 J,B	0.0041 J
MW-99-1 MW-99-1	4/29/2009 1/20/2010	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93 <0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.018		69.7	<1.7	2.0 J		0.62 H1	0.164	0.132
	Top of Well Screen (					Well Screen		10.00	10.00	0.00	1 7.55											T			
MW-99-3	1/11/2000		<0.50													0.096		3.1	214				0.065		
MW-99-3	3/17/2000															0.038									
MW-99-3	3/17/2000															0.045									
MW-99-3	1/22/2002							<u> </u>								0.046		15	133				<0.011		0.92
MW-99-3	4/16/2002	**														0.010		0.61	84				2.3 0.092		0.16
MW-99-3	7/9/2002															0.014		2.3	93				0.092 0.52x		0.39
MW-99-3	1/6/2003	<0.45	<0.82	<0.43	<0.68	<0.94	<1.7									0.027		0.98	108				U,02X		
MW-99-3	4/2/031	<0.30	<0.60	<0.58	<0.58	<0.66	<1.2					0.07	 	<0.00 H	 <0.48 H	0.013		0.93	81	<del>                                     </del>			0.66		0.12
MW-99-3	4/2/032	<041 H	<0.54 H	<0.61 H	0.67 H	<0.97 H	<1.8 H	<0.93 H	<0.83 H	<0.89 H	<0.59 H	0.27 <0.024	<0.81 H	<0.86 H		0.006		0.6	75				0,25		0.24
MW-99-3	6/10/2003	<0.3	<0.6	<0.58	<0.58	<1.18	<1.84	<del> </del>								0.014		1.8	82				<0.095		0.23
MW-99-3	10/22/2003															0.015		0.75	76				<0.095		0.072
MW-99-3	1/14/2004 4/1/2004															0.008		0.17	76				1.7		0.023
MW-99-3 MW-99-3	7/6/2004															0.014		3.0	93				1.2		0.15
MW-99-3	10/1/2004									-						0.56		4.9	95				<0.1		0.46
MW-99-3	11/10/2004															0.4									
MW-99-3	1/4/2005															0.010		1.4	71				0.33		0.055
MW-99-3	4/21/2005															0.011		0.79	84			<u> </u>	0.25		0.092

												VVISCOIISII													
			¥				Volatile	Organic C	ompounds	(VOCs)			<b>.</b>			ļ		<u>In</u>	organics a	nd Natural	Attenutatio	n Paramete			
Sample Location	Sampling Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Methyl Tertiary Butyl Ether (µg/L)	Toluene (µg/L)	Trimethylbenzene, Total* (µg/L)	Xylenes, Total (µg/L)	n-Butylbenzene (µg/L)	cis-1,2- Dichloroethene (µg/L)	trans-1,2- Dichloroethene (µg/L)	Isopropylbenzene (µg/L)	Naphthalene*** (µg/L)	n-Propylbenzene (µg/L)	Styrene (µg/L)	Trichlorethene (µg/L)	Cyanide, Total** (mg/L)	Ferrous Iron (mg/L)	Iron, Dissolved (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Methane (µg/L)	Nitrate (mg/L)	Nitrate-Nitrite as N (mg/L)	Manganese, Total (mg/L)	Manganese, Dissolved (mg/L)
Wisconsin Groundw	· · · · · · · · · · · · · · · · · · ·						Α.σ.			L_=_=_															
Preventive Action L		0.5	140	12	200	96	1,000	ne	7	20	ne	8	ne	10	0.5	0.04	0.15	0.15	125	ne	ne	2	2	0.025	0.025
Enforcement Standa	ard (ES)	5	700	60	1,000	480	10,000	ne	70	100	ne	40	ne	100	5	0.2	0.3	0.3	250	ne	ne	10	10	0.05	0.05
MW-99-3	7/8/2005		~~													<0.0037		2,2	66				2.8		0.24
MW-99-3	10/20/2005	<0.21	<0.40	<0.36	<0.36	<0.79	<1,1					0.11				0.010		0.54	81				<0.04		0.33
MW-99-3	1/25/2006	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					<0.050				0.120		0.76 0.093	105				0.44 3.4		0.078 0.0046
MW-99-3	4/17/2006	<0.21	<0.4	<0.36	<0.36	<0.79	<1.1					<0.012				0.019 0.057		1.1	88				0.16		0.0040
MW-99-3 MW-99-3	7/5/2006 10/19/2006	<0.14	<0.4	<0.36	<0.36	<0.79	 <1.1					<0.012				0.037		0.097	81				0.5		0.19
MW-99-3	1/2/2007	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1					<0.012				0.010		0.25	83				1.5		0.022
MW-99-3	10/22/2008	< 0.41	< 0.54	< 0.61	1.1	<1.8	<2.63			N-4		< 0.66					< 0.026		75.9	< 2.3	3.0	0.19		0.264	0.865
MW-99-3	1/29/2009	< 0.41	< 0.54	< 0.61	< 0.67	<1.8	<2.63	p				< 0.66					< 0.026		58.5	< 2.3	< 2	0.19		0.0238	0.027
MW-99-3	4/29/2009	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H		41.9	<2.3	<2		0.23 J,H	0.0446	0.0015 J
MW-99-3	1/18/2010	<0.41	<0.54	<0.61	<0.67	<1.80		<0.93	<0.83	<0.89	<0.59	<0.67	<0.81	<0.86	<0.48		0.16 JH6		47.0	<1.7	<0.93		0.36 J	1.460	0.025
MW-99-4 T	op of Well Screen (	ft amsl): 80	6.00		Length of	Well Scree	ı (ft): 10		,						- 	T	1				1		1		
MW-99-4	1/11/2000		<0.50													0.31		0.11	145				0.45		
MW-99-4 Dup(QC-1)	1/11/2000		<0.50													0.33		0.11	152				0.44		
MW-99-4	3/17/2000	<del> </del>														0.25									
MW-99-4	3/17/2000															0.23			404				0,33		0.14
MW-99-4	1/22/2002					7							<del></del>		<u></u>	0.13		1.4 0.19	104 174				4.2		0.034
MW-99-4 MW-99-4	4/16/2002 7/9/2002															0.12		0.79	71				1.7		0.057
MW-99-4	1/7/2003	<0.45	<0.82	<0.43	<0.68	<0.94	<1.7									0.15		0.43	91				1.4x		0.14
MW-99-4	4/2/031	<0.45	<0.62	<0.43	<0.58	<0.66	<1.2																		
MW-99-4	4/2/032	<0.41 H	<0.54 H	<0.61 H	<0.57 H	<0.97 H	<1.8 H	<0.93 H	<0.83 H	<0.89 H	<0.59 H	<0.74 H	<0.81 H	<0.86 H	<0.48 H	0.15		0.19	66				3.6		0.047
MW-99-4	6/10/2003	<0.3	<0.6	<0.58	<0.58	<1.18	<1.84					<0.024				0.27		0.12	55				2.4		0.029
MW-99-4	10/22/2003															0.19		0.089	74				1.4		0.13
MW-99-4	1/14/2004			***								***				0.14		0.14	60				2		0.036
MW-99-4	4/1/2004			**	***											0.11		0.51	110				3.7		0.056
MW-99-4	7/6/2004							**								0.081		0.07	97				2.8		0.038
MW-99-4	10/1/2004	<u></u>														0.1		1.1	140				0.27		0.39
MW-99-4	11/10/2004					••										0.14									0.044
MW-99-4	1/4/2005															0.093		0.085	59				2.3		0.011
MW-99-4	4/21/2005															0.059		0.11 0.15	86 55				3.6		0.036
MW-99-4	7/8/2005				 	40.70						0,033				0.14		0.75	140				1.1		0.29
MW-99-4 MW-99-4	10/20/2005	<0.21	<0.40 <0.40	<0.36	<0.36 <0.36	<0.79 <0.79	<1.1					<0.048				0.054		0.033	71				3.6		0.008
MW-99-4	1/26/2006 4/17/2006	<0.21 <0.21	<0.40	<0.36 <0.36	<0.36	<0.79	<1.1 <1.1					<0.048				0.094		0.099	61				2.7		0.023
MW-99-4	7/5/2006															0.087		0.025	41				2.2		0.017
MW-99-4	10/19/2006	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1					0.014				0.079		0.046	73				2.1		0.012
MW-99-4	1/3/2007	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1					<0.012				0.047		0.13	**				2.6		0.019
MW-99-4	10/22/2008	< 0.41	< 0.54	< 0.61	0.68	<1.8	<2.63					< 0.66							94.9	:		1.4			
MW-99-4	1/29/2009	< 0.41	< 0.54	< 0.61	< 0.67	<1.8	<2.63					< 0.89					< 0.026			< 2.3	< 2	0.91		0.0214	0.0166
MW-99-4	4/27/2009	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H		47.6 M	<2.3	<2		1.1 M	0.0044 J	0.0033 J
MW-99-4	1/20/2010	<0.41	<0.54	<0.61	<0.67	<1.80	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.018		74.3	<1.7	<0.93		1.1	0.0115	0.0052
	op of Well Screen (1	T			Length of	Well Scree			I	ı		ľ	1	<u> </u>	1	T <0.0000		0.015	110	<u> </u>		l	<0.01		T
MW-99-5	1/12/2000		<0.50				**									<0.0089 <0.0089		0.015	116				<0.01		
MW-99-5	3/17/2000		<0.50													0.005									
MW-99-5 MW-99-5	3/17/2000 1/22/2002															0.003		0.086	284				<0.011		0.24
MW-99-5	4/16/2002															0.060		0.034	152				1.5		0.03
MW-99-5	7/9/2002															0.036		0.460	157				0.08		0.13
111111-00-0	11012002					L		<u></u>				·			.1	1 0.000									

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						·	Volatile	Organic C	ompounds	(VOCs)		<del>,</del>	r		,			ln	organics a	nd Natural	Attenutation	n Paramete			
Sample Location	Sampling Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Methyl Tertiary Butyl Ether (µg/L)	Toluene (µg/L.)	Trimethylbenzene, Total* (µg/L)	Xylenes, Total (µg/L)	n-Butylbenzene (µg/L)	cis-1,2- Dichloroethene (µg/L)	trans-1,2- Dichloroethene (µg/L)	lsopropylbenzene (µg/L)	Naphthalene*** (µg/L)	n-Propylbenzene (µg/L)	Styrene (µg/L)	Trichlorethene (µg/L)	Cyanide, Total** (mg/L)	Ferrous Iron (mg/L)	Iron, Dissolved (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Methane (µg/L)	Nitrate (mg/L)	Nitrate-Nitrite as N (mg/L)	Manganese, Total (mg/L)	Manganese, Dissolved (mg/L)
Wisconsin Groundw	<del>' </del>					<u> </u>																			
Preventive Action Li		0.5	140	12	200	96	1,000	ne	7	20	ne	8	ne	10	0.5	0.04	0.15	0.15	125	ne	ne	2	2	0.025	0.025
Enforcement Standa	ırd (ES)	5	700	60	1,000	480	10,000	ne	70	100	ne	40	ne	100	5	0.2	0.3	0.3	250	ne	ne	10	10	0.05	0.05
MW-99-5	1/8/2003	<0.45	<0.82	<0.43	<0.68	<0.94	<1.7									0.019		0.060	452				0.20x		0.19
MW-99-5	4/2/031	<0.30	<0.60	<0.58	<0.58	<0.66	<1.2																		
MW-99-5	4/2/032	<0.41 H	<0.54 H	<0.61 H	0.67 H	<0.97 H	<1.8 H	<0.93 H	1.4 q,H	3.8 H	<0.59 H	0.05g	<0.81 H	<0.86 H	12 H	0.020		0.025	457				<0.027		0.098
MW-99-5	6/10/2003	<0.3	<0.6	<0.58	<0.58	<1.18	<1.84					<0.024				0.012		0.430	340				<0.135		0.18
MW-99-5	10/22/2003															0.023		1.800	476				<0.095		0.81
MW-99-5	1/14/2004															0.031		0.035	497				<0.095		0.1
MW-99-5	4/1/2004															0.011		0.200	331				0.056		0.25
MW-99-5	7/6/2004															0.013		0.450	267				<0.1		0.42
MW-99-5	10/1/2004															0.015		0.740	432				<0.1		0.82
MW-99-5	11/10/2004															0.020					<del></del>		<b></b>		
MW-99-5	1/4/2005							**								0.017		0.072	589				<0.25		0.19
MW-99-5	4/21/2005															0.016		1.200	280				<0.02		0.32
MW-99-5	7/8/2005														<del></del>	0.011		0.390	348				<0.1		0.22
MW-99-5	10/20/2005	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					0.029				0.027		0.37	571				<0.04		0.32
MW-99-5	1/26/2006	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					0.076				0.027		0.034	675				<0.04		0.24
MW-99-5	4/18/2006	<0.21	<0.4	<0.36	<0.36	<0.79	<1.1					<0.012				0.018		0.26					<0.02		0.035
MW-99-5	7/6/2006	<b>-</b>													***	0.013		0.22	341				0.034		0.093
MW-99-5	10/19/2006	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1					0.014				0.018		0.21	592				0.06		0.44
MW-99-5	1/3/2007	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1		**			<0.012		**		0.015		0.049	290				<0.02	0.0000	0.041
MW-99-5	10/23/2008	< 0.41	< 0.54	< 0.61	< 0.67	<1.8	<2.63					< 0.66					< 0.026		109	< 2.3	6.4	0.16		0.0622 0.0266	0.0344
MW-99-5	1/29/2009	< 0.41	< 0.54	< 0.61	< 0.67	<1.8	<2.63					< 0.89					< 0.026		143	< 2.3	< 2 <2	0.17	<0.085 H	0.0264 B	0.0237
MW-99-5	4/29/2009	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H <0.018		61.4 121	<2.3 <1.7	<0.93		<0.065 H	0.0204 B	0.035
MW-99-05 MW-05-01	1/20/2010 Top of Well Screen	(ft amel): 8	<0.54	<0.61	<0.67	<1.80 f Well Scree	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.016		121	<u> </u>	<b>\0.93</b>		<b>\0,2</b>	0.0420	0.033
MW-05-01	10/20/2005	20	<0.40	<0.36	0.55	<0.79	<1.24					17				0.068		2.7	180				<0.04		0.52
MW-05-01	1/25/2006	77	<0.40	<0.36	<0.36	<0.79	<1.1					5.2				0.077		1.5	255				<0.04		0.45
MW-05-01	4/17/2006	47	0.7	<0.36	12	2,2	9					84				0.043		0.2	1040				0.07		0.33
MW-05-01	7/5/2006	7,										<u> </u>				0.073		2.3	387				<0.02		0.62
MW-05-01	10/18/2006	9.5	<0.4	<0.36	<0.36	<0.79	<1.1					1.5				0.061		1.7	211				0.06		0.45
MW-05-01	1/2/2007	6.2	<0.4	<0.36	1.1	<0.40	2.11					48				0.072		0.47	920				<0.02		0.4
MW-05-01	10/22/2008	6.5	< 0.54	< 0.61	< 0.67	<1.8	<2.63					1.4					< 0.026		328	< 2.3	25,2	< 0.085		0.44	0.44
MW-05-01	1/27/2009	5.4	< 0.54	< 0.61	< 0.67	<1.8	<2.63					5.3					< 0.026		664	< 2.3	18.6	< 0.085		0.428	0.426
MW-05-01	4/28/2009	6.6	<0.54	<0.61	1.5	<1.81	<2.63	<0.93	0.83	<0.89	<0.59	26	<0.81	<0.86	<0.48		0.19 H		980	4.4J	43.6		<0.085	0.267	0.285
MW-05-01	1/18/2010	5.1	<0.54	<0.61	<0.67	<1.80	<2.63	<0.93	<0.83	<0.89	<0.59	7.6	<0.81	<0.86	<0.48		0.20 H6		924	<1.7	44.3	***	<0.2	0.315	0.303
PZ-05-01 T	op of Well Screen (	ft amsl): 75	9.70		Length of	Well Scree	n (ft): 5								,		-		,						T
PZ-05-01	10/20/2005	1.8	<0.40	<0.36	1.9	0.5	2,2					63				0.012		0.98	82				<0.04		0.23
PZ-05-01	1/25/2006	1.8	0.47	<0.36	0.9	2.03	2.9					71				0.077		0.35	82				<0.04		0.72
PZ-05-01	4/17/2006	0.7	<0.4	<0.36	<0.36	<0.79	0.71					6				0.017		0.11	70	-			<0.02		0.19
PZ-05-01	7/5/2006															<0.0094		0.32	69				0.03		0.094
PZ-05-01	10/18/2006	<0.14	<0.4	0.37	<0.36	<0.79	<1.1					1.2				<0.0094		0.09	67				<0.02		0.15
PZ-05-01	1/2/2007	0.19	<0.4	0.43	<0.36	<0.79	<1.1					0.071				<0.0094		0.13	72				<0.02		0.094
PZ-05-01	4/17/2008											< 0.018				0.017									
PZ-05-01	10/22/2008	< 0.41	< 0.54	< 0.61	1.1	<1.8	<2.63					< 0.66					< 0.026		79.3	< 2.3	11.3	< 0.085		0.0437	0.0455
PZ-05-01	1/27/2009	< 0.41	< 0.54	< 0.61	< 0.67	<1.8	<2.63					< 0.66					< 0.026		73.1	< 2.3	8.9	< 0.085		0.0236	0.0236
PZ-05-01	4/28/2009	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93	4.2	<0.89	<0.59	<0.89	<0.81	<0.86	14.9		<0.026 H		74.6	<2.3	13.1		0.2 J	0.0388	0.0384
PZ-05-01	1/18/2010	<0.41	<0.54	<0.61	<0.67	<1.80	<2.63	<0.93	4.5	<0.89	<0.59	<0.66	<0.81	<0.86	16.6		0.11		71.3	<1.7	6.6		<0.2	0.0223	0.0215

	T															1									
			1	1	Т	T	Volatile	Organic C	ompounds I	(VOCs)		f .		1	1	<del> </del>	<del>                                     </del>	ln	organics a	nd Natural	Attenutatio	on Paramete		ı	
Sample Location	Sampling Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Methyl Tertiary Butyl Ether (µg/L)	Foluene .ug/L.)	Trimethylbenzene, Total* (µg/L)	(ylenes, Total µg/L)	n-Butylbenzene (µg/L)	cis-1,2- Dichloroethene (µg/L)	trans-1,2- Dichloroethene (µg/L)	sopropylbenzene (µg/L)	Naphthalene*** (µg/L)	n-Propylbenzene (µg/L)	Styrene (µg/L)	Trichlorethene (µg/L)	Syanide, Total** mg/L)	errous Iron mg/L)	ron, Dissolved mg/L)	Sulfate (mg/L)	Sulfide mg/L)	Wethane .ug/L)	Vitrate mg/L)	Vitrate-Nitrite as N (mg/L)	Vanganese, Total mg/L)	Manganese, Dissolved (mg/L)
Wisconsin Groundw						1			1000	<del>+</del>				, ,,		00	<u> </u>		, v, <u> </u>	0,0	, = -				<u> </u>
Preventive Action Li		0.5	140	12	200	96	1,000	ne	7	20	ne	8	ne	10	0.5	0.04	0.15	0.15	125	ne	ne	2	2	0.025	0.025
Enforcement Standa		5	700	60	1,000	480	10,000	ne	70	100	ne	40	ne	100	5	0.2	0.3	0.3	250	ne	ne	10	10	0.05	0.05
	Top of Well Screen	(ft amsl): 8	02.50		Length o	f Well Scre	en (ft): 10		1	r			1		,	1	1		T		_	1		r	
MW-05-02	10/20/2005	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					0.086				0.016		0.21	64				0.076		0.43
MW-05-02	1/25/2006	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					<0.051				0.013		0.36	52				0.3		0.33
MW-05-02	4/18/2006	<0.21	<0.4	<0.36	<0.36	<0.79	<1.1			***		0.072				0.014		0.014	55				0.99		0.14
MW-05-02	7/6/2006															0.01		0.22	57				0.89		0.45
MW-05-02	10/19/2006	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1	<del></del>				0.52				0.018		0.017	56				2.9		0.39
MW-05-02	1/2/2007	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1					4.8				0.011		0.024	52				3.2		0.26
MW-05-02	10/22/2008	< 0.41	< 0.54	< 0.67	< 0.61	<1.8	<2.63					< 0.67					< 0.026		111	< 2.3	80.2	0.47		0.434	0.411
MW-05-02	1/28/2009	< 0.41	< 0.54	< 0.67	< 0.61	<1.8	<2.63					< 0.89					< 0.026		98.5	< 2.3	54.6	0.56			0.26
MW-05-02 MW-05-02	4/27/2009 1/19/2010	<0.41 <0.41	<0.54 <0.54	<0.61	<0.67	<1.81	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H		32.8	<2.3	<2		2.2	0.0079	0.0011 J
	op of Well Screen (			<0.61	<0.67	<1.81 Well Scree	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		K0.018 UH		92	<1.7	109		<0.2	0.355	0.275
PZ-05-02	10/20/2005	830	1100	<18	570	203	720					2900			I	0.0051	I <u>-</u> I	0.89	<0.10		T		<0.04		0.056
PZ-05-02	1/25/2006	600	880	2.8	340	186	510					1800				0.0064		0.89	<0.10				<0.04		0.043
PZ-05-02	4/18/2006	510	1500	<18	710	310	1200					2300				<0.0094		0.94	0.8			<u> </u>	<0.02		0.055
PZ-05-02	7/6/2006															<0.0094		0.87	0.46				0.027		0.052
PZ-05-02	10/19/2006	490	760	<9	240	162	420					2300				<0.0094		0.88					<0.02		0.032
PZ-05-02	1/2/2007	380	1100	<18	430	228	890					2300				<0.0094		1					<0.02		0.048
PZ-05-02	4/17/2008	393	1410	< 7.2	609	271.7	1124					4190				0.015			***						
PZ-05-02	10/22/2008	372	689	< 30.5	201	77,4	245					2970					< 0.026		2.1	< 2.3	159	< 0.085		0.0297	0.0273
PZ-05-02	1/28/2009	350	1160	< 30.5	271	149	811					4850					< 0.026		< 0.51	< 2.3	117	< 0.085			0.0329
PZ-05-02	4/27/2009	452	766	<30.5	207	121	489	<46.5	<41.5	<44.5	29.8 J	3040	<40.5	<43	<24		0.18 H		8.7	<2.3	284		0.58	0.0229	0,0242
PZ-05-02	1/19/2010	500	807	<30.5	192	143.5	439	<46.5	<41.5	<44.5	33,6 J	2980	<40.5	<43	<24		0.31 H6		<2	<1,7	375		<0.2	0.0267	0.026
MW-101 To	p of Well Screen (f	t amsl): 804	.77		Length of \	Well Screen	(ft): 7				J					J	l								
MW-101	4/10/2002	<0.48	<0.43	<0.67	<0.47	<0.52	<1.4				0.43	<0.59		<0.43	16						**				
MW-101	1/7/2003	<0.45	<0.82	2.9	<0.68	<0.94	<1.7																		
MW-101	4/3/2003 (8021)	<0.30	<0.60	10	<0.58	<0.66	<1.2																		
MW-101	4/3/2003 (8260)	0.8 q,H	<0.54 H	<0.61 H	<0.67 H	<0.97 H	<1.8 H				<0.59 H	1.1 Q,H	<0.86 H	<0.86 H	<0048 H	0.0021q									
MW-101	6/10/2003	<0.3	<0.6	3.9	<0.58	<1.18	<1.84				••	0.079				0.0057									
	of Well Screen (ft	· /	r			/ell Screen			ı .				1	1		1	l' ' '					1			
PZ-101	4/10/2002	<0.96	0.94	<1.3	<0.94	12.2	7.5				0.98	230		1.1	6.6										
PZ-101	1/7/2003	<0.45	1.5q	<0.43	<0.68	21.9	14.8																		<del></del>
PZ-101 Dup(QC-1)	1/7/2003	<0.45	1.5q	<0.43	<0.68	21.9	14.9																		
PZ-101	4/3/2003 (8021)	<0.30	1.0q	<0.58	<0.58	18	10.1			4.4.1										'					
PZ-101	4/3/2003 (8260)	<0.20 H	<2.7 H	<3.0 H	<3.4 H	10.1 q,H	<9.0	<4.6 H	<4.2 H	<4.4 H	<3.0 H	370 H	<4.0 H	<4.3 H	6.1 H	<0.0016									
PZ-101	6/10/2003	<1.5	<3	<2.9	<2.9	20.1	11.3					290				<0.0015									<del></del>
PZ-101 PZ-101	4/28/2009 4/29/2010	<0.23 <0.41	<0.4 <0.54	<0.36	0.47 J <0.67	<0.79	<1.10 <2.6					5.2													
	o of Well Screen (ft					 /ell Screen						83.1								***	****				
PZ-102	4/10/2002	<0.48	<0.43	<0.67	<0.47	<0.52	<1.4				<0.43	<0.59		<0.43	<0.89						T				
PZ-102	1/7/2003	1,8	<0.82	0.45q	<0.68	<0.94	<1.7																		
PZ-102	4/3/2003 (8021)	1.0	<0.60	<0.58	<0.58	0.71q	<1.2								<del></del>										
PZ-102	4/3/2003 (8260)	<0.41 H	<0.54 H	<0.61 H	<0.67 H		<1.8 H	1.5 g,H	<0.83 H	<0.89 H	1,3 H	0.36	2.9 H	<0.86 H	<0.48 H	<0.0016									
PZ-102	6/10/2003	<0.3	<0.6	1.0	<0.58	<1.18	<1.84			~0.09 11	1,3 []	<0.024	2.9 П	~0.00 H	~0.46 H	0.0017									
	p of Well Screen (f					Vell Screen		1				-0.02-1	l			1 0,0017	L					I	L	l	
MW-102	1/6/2003	<0.45	<0.82	<0.43	<0.68	<0.94	<1.7																		
MW-102	4/1/2003 (8021)	<0.30	<0.60	<0.58	<0.58	<0.66	<1.2																		
MW-102	4/1/2003 (8260)	0.80 q,H	<0.54 H	<0.61 H	<0.67 H	<0.97 H	<1.8 H	<0.93 H	4.6 H	<0.89 H	<0.59 H	<0.74 H	<0.74 H	<0.86 H	51. H	0.19									
MW-102	6/10/2003	<0.3	<0.6	<0.58	<0.58	<1.18	<1.84					<0.024				0.15									
															*	<del></del>									

		т										***************************************				Т									
				1	T	1	Volatile	Organic C	ompounds	(VOCs)		<u></u>	1		T		<b>T</b>	<u>li</u>	norganics a	nd Natural	Attenutation	n Paramet	T	T .	
Sample Location	Sampling Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Methyl Tertiary Butyl Ether (µg/L)	Toluene (μg/L)	Trimethylbenzene, Total* (µg/L)	Xylenes, Total (μg/L)	n-Butylbenzene (µg/L)	cis-1,2- Dichloroethene (µg/L)	trans-1,2- Dichloroethene (µg/L)	lsopropylbenzene (µg/L)	Naphthalene*** (µg/L)	n-Propylbenzene (µg/L)	Styrene (µg/L)	Trichlorethene (μg/L)	Cyanide, Total** (mg/L)	Ferrous Iron (mg/L)	ron, Dissolved (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Methane (µg/L)	Nitrate (mg/L)	Nitrate-Nitrite as N (mg/L)	Manganese, Total (mg/L)	Manganese, Dissolved (mg/L)
Wisconsin Groundw	· · · · · · · · · · · · · · · · · · ·					1			1000					, <u> </u>		"	<u> </u>		1 0/ 0	1 0, 0		1 2 0		<u> </u>	
Preventive Action Li	mit (PAL)	0.5	140	12	200	96	1,000	ne	7	20	ne	8	ne	10	0.5	0.04	0.15	0.15	125	ne	ne	2	2	0.025	0.025
Enforcement Standa		5	700	60	1,000	480	10,000	ne	70	100	ne	40	ne	100	5	0.2	0.3	0.3	250	ne	ne	10	10	0.05	0.05
	p of Well Screen (ft		T	T		/ell Screen		ı	1			1	I		т —	1	T	1			<del></del>		ı		
PZ-105	1/6/2003	0.46q	<0.82	1.7	<0.68	<0.94	<1.7															<del></del>			
PZ-105 PZ-105	4/1/2003 (8021)	1.3	<0.60	2.8	<0.58	<0.66	<1.2							-0.00.11											
PZ-105	4/3/2003 (8260) 6/10/2003	<0.41 H 0.74	<0.54 H <0.6	<0.61 H	<0.67 H <0.58	<0.97 H <1,18	<1.8 H <1.84	<0.93 H	<0.83 H	<0.89 H	<0.59 H	<0.74 H 0.028	<0.81 H	<0,86 H	<0.48 H	0.0031q 0.0023					<del> </del>	~~			
	p of Well Screen (ft :					/ell Screen						0.020	<del></del>		<u> </u>	0.0023					<u> </u>				<u> </u>
PZ-104	1/6/2003	<0.45	<0.82	<0.43	1.6q	<0.94	<1.7												T						T
PZ-104	4/1/2003 (8021)	<0.30	<0.60	<0.58	<0.58	<0.66	<1.2																		
PZ-104	4/3/2003 (8260)	<0.41 H	<0.60 H	<0.61 H	<0.67 H	<0.97 H	<1.8 H	<0.93 H	<0.83 H	<0.89 H	<0.58 H	<0.74 H	<0.58 H	<0.86 H	<0.48 H	0.0027q									1
PZ-104	6/10/2003	<0.3	<0.6	<0.58	<0.58	<1.18	<1.84			n-a		<0.024				<0.0015									
MW-103 To	op of Well Screen (ft	amsl): 809	9.78		Length of \	Well Screen	(ft): 15								T	· · · · · ·									
MW-103	1/8/2003	<0.45	<0.82	<0.43	<0.68	<0.94	<1.7																		
MW-103	4/1/2003 (8021)	<0.30	<0.60	<0.58	<0.58	<0.66	<1.2																		
MW-103	4/3/2003 (8260)	<0.41 H	<0.54 H	<0.61 H	<0.67 H	<0.97 H	<1.8	<0,93 H	<0.83 H	<0.89 H	<0.59 H	0.06q	<0.81 H	<0.86 H	<0.48 H	0.0043q									
MW-103 PZ-103 Tot	6/10/2003 p of Well Screen (ft :	<0.3	<0.6	<0.58	<0.58	<1.18 /ell Screen	<1.84					0.026				0.0037									
PZ-103 10	1/8/2003	<0.45	<0.82	<0.43	<0.68	<0.94	<1.7		T								T			T		I		1	
PZ-103	4/1/2003 (8021)	<0.30	<0.60	<0.58	<0.58	<0.66	<1.2													<del></del>			<del></del>		
PZ-103	4/3/2003 (8260)	<0.41 H	<0.54 H	<0.61 H	<0.67 H	<0.97 H	<1.8 H	<0.93 H	<0.83 H	<0.89 H	<0.59 H	<0.74 H	<0.81 H	<0,86 H	<0.48 H	<0.0016	<del> </del>						<del></del>		
PZ-103	6/10/2003	<0.3	<0.6	<0.58	<0.58	<1.18	<1.84					<0.024				0.0045									
MW-99-2 T	op of Well Screen (f	t amsl): 80	8.84		Length of	Well Scree	n (ft): 10																		
MW-99-2	1/12/2000		<0.50													0.012		0.1	82				0.38		
MW-99-2	3/17/2000															0.034									
MW-99-2	3/17/2000															0.032									
MW-99-2	1/22/2002															0.017		2.1	61	:			0.74		0.24
MW-99-2	4/16/2002															0.061		0.43	70				3		0.04
MW-99-2	7/9/2002															0.024		1.2	57				0.48		0.063
MW-99-2	1/8/2003	<0.45	<0.82	<0.43	<0.68	<0.94	<1.7									0.015		0.82	58				0.59x		0.19
MW-99-2	4/2/2003 (8021)	<0.30	<0.60	<0.58	<0.58	<0.66	<1.2																		
MW-99-2	4/2/2003 (8260)	<0.41 H	<0.54 H	<0.61 H	0.67 H	<0.97 H	<1.8 H	<0.93 H	<0.83 H	<0.89 H	<0.59 H	0.21	<0.81 H	<0.86 H	<0.48 H	0.022		0.15	54				0.86		0.071
MW-99-2 MW-99-2	6/10/2003	<0.3	<0.6	<0.58	<0.58	<1.18	<1.84					0.1				0.028 0.036		0.2 11	56				0.53		0.037
MW-99-2	1/14/2004				<del></del>											0.036		0.19	70 62				0.15		1.6
MW-99-2	4/1/2004														<del></del>	0.021		0.19	65				0.78 1.1		0.078 0.038
MW-99-2	7/6/2004				<del></del>				<del>                                     </del>							0.026		0.31	84	1			<0.1		0.038
MW-99-2	10/1/2004															0.012		0.45	87				0.23		0.018
MW-99-2	11/10/2004															0.017					<del></del>		0,23		
MW-99-2	1/4/2005															0.011		0,06	65				0.62		0.034
MW-99-2	4/21/2005															0.027		0.17	68				0.16		0.02
MW-99-2	7/8/2005															0.011		0.053	79				<0.1		0.049
MW-99-2	10/20/2005	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					0.040				0.0079		0.37	78				0.15		0.29
MW-99-2	1/26/2006	<0.21	<0.40	<0.36	<0.36	<0.79	<1.1					<0.050				0.015		0.27	74				0.37		0.064
MW-99-2	4/17/2006	<0.21	<0.4	<0.36	<0.36	<0.79	<1.1					<0.013				0.046		0.033					0.24		0.0048
MW-99-2	7/5/2006															0.017		0.054	83				0.33		0.02
MW-99-2	10/19/2006	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1					<0.012				0.014		0.081	74				0.44		0.026
MW-99-2	1/3/2007	<0.14	<0.4	<0.36	<0.36	<0.79	<1.1	***				<0.012				0.066		0.036	79				0.39		0.0032
MW-99-2	10/23/2008	< 0.41	< 0.54	< 0.61	0.75	<1.8	<2.63					< 0.66					< 0.026		93	< 2.3	8.4	0.39		0.0266	0.0079
MW-99-2	1/27/2009	< 0.41	< 0.54	< 0.61	< 0.67	<1.8	<2.63					< 0.66					< 0.026		67.4	< 2.3	< 2	0.48		0.0017	0.00056
MW-99-2	4/27/2009	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H		86.4 M	<2.3	<2		0.22 J, M	0.0097	0.001
MW-99-2	1/19/2010	<0.41	<0.54	<0.61	<0.67	<1.80	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<b>≮</b> 0.018 UH€		61.3	<1.7	<0.93		0.34 J	0.0012 J	0.001 J

							Volatile	Organic C	ompounds	(VOCs)								In	organics ar	nd Natural	Attenutatio	n Paramete	ers		
Sample Location	Sampling Date	Benzene (µg/L)	Ethylbenzene (µg/L)	Methyl Tertiary Butyl Ether (µg/L)	Toluene (µg/L)	Trimethylbenzene, Total* (µg/L)	Xylenes, Total (μg/L)	n-Butylbenzene (µg/L)	cis-1,2- Dichloroethene (µg/L)	trans-1,2- Dichloroethene (µg/L)	Isopropylbenzene (µg/L)	Naphthalene*** (µg/L)	n-Propylbenzene (µg/L)	Styrene (µg/L)	Trichlorethene (µg/L)	Cyanide, Total** (mg/L)	Ferrous Iron (mg/L)	Iron, Dissolved (mg/L)	Sulfate (mg/L)	Sulfide (mg/L)	Methane (µg/L)	Nitrate (mg/L)	Nitrate-Nitrite as N (mg/L)	Manganese, Total (mg/L)	Manganese, Dissolved (mg/L)
Wisconsin Groundw		ds (NR 14										,	,		,										
Preventive Action Li	` '	0.5	140	12 60	1,000	96 480	1,000	ne	7 70	20 100	ne	40	ne	100	0.5 5	0.04	0.15 0.3	0.15 0.3	125 250	ne	ne	10	10	0.025 0.05	0.025
Enforcement Standa PZ-106 To:	o of Well Screen (ft a	omel\: 758	700			ell Screen (		ne	70	100	ne	40	ne	100	] 3	0.2	0.3	0.3	250	ne	ne	10	10	0.05	0.00
PZ-106	1/8/2003	<0.45	38	2.2	3,4	100	89			]		940 d			Γ				T		I				
PZ-106	4/1/2003 (8021)	<0.30	23	1.9	2.0	97	67						~~												
PZ-106	4/3/2003 (8260)	<10 H	18.0 g,H	<15 H	<17 H	58 H	<45 H	<0.93 H	<0.83 H	<0.89 H	<0.59 H	2400 H	<0.81 H	<0.86 H	<0.48 H	<0.0015									
PZ-106	6/10/2003	<1.5	5.8	<2.9	<2.9	48	21.5				-0.0011	840				0.0022									
PZ-106	4/27/2009	<0.23	4.2	<0.36	0.97 J	21.2	9.5					13.3													
PZ-106	1/19/2010																		<del> </del>						
	op of Well Screen (f	t amsl): 77	4.62	l	Length of	Well Screen	(ft): 5	ı				<u></u>	l		L	l					<u> </u>				
PZ-08-01	10/23/2008	< 0.41	< 0.54	< 0.61	0.93	< 1.80	< 1.63					< 0.66					< 0.026		_	< 2.3	4.8	3.8		0.0035	0.0026
PZ-08-01	1/28/2009	< 0.41	< 0.54	< 0.61	< 0.67	< 1.80	< 1.63					< 0.66					< 0.026			< 2.3	< 2	3.4			0.001
PZ-08-01	4/28/2009	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H		60.6	<2.3	<2		0.68	1.5 J	0.78 J
PZ-08-01 DUP (QC-1)	4/28/2009	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H		59.9 M, R	<2.3	<2		0.67 M	0.0014 J	0.00066 J
PZ-08-01	1/19/2010	<0.41	<0.54	<0.61	<0.67	<1.80	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		.018UH6, N		55.6	<1.7	<0.93		3.6 H1, M0	0.00081 J	0.00050 J
PZ-08-02 T	op of Well Screen (f	t amsl): 79	2.38		Length of	Well Scree	ı (ft): 5						,								·				
PZ-08-02	10/23/2008	< 0.41	< 0.54	< 0.61	1.0	< 1.80	< 1.63					< 0.66					< 0.026			< 2.3	< 2	4.9		0.0017	0.00053
PZ-08-02	1/28/2009	< 0.41	< 0.54	< 0.61	< 0.67	< 1.80	< 1.63					< 0.66					< 0.026			< 2.3	< 2	4.8			0.0056
PZ-08-02	4/28/2009	<0.41	<0.54	<0.61	<0.67	<1.81	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.026 H		66	<2.3	<2		0.98	0.0013 J	0.00069 J
PZ-08-02	1/19/2010	<0.41	<0.54	<0.61	<0.67	<1.80	<2.63	<0.93	<0.83	<0.89	<0.59	<0.89	<0.81	<0.86	<0.48		<0.018 UHC	••	59.8	<1.7	<0.93		4.9	0.00066 J	0.00038 J

Only detected VOC compounds are shown; some natural attenuation parameters have not been detected, but are shown.

Constituent concentrations that attain or exceed a PAL are in italics.

Constituent concentrations that attain or exceed an ES are shown in bold type.

Data collected prior to July 2006 was reported in the Site Data Summary Report (STS, 2006a).

p-Isopropyltoluene (1.3q µg/l) and s-Butylbenzene (3.4 µg/L) were detected in MW-99-1 on 3/8/2000.

4/1/2003 (8021) - date well was sampled (SW 846 analytical method used for volatiles analysis)

ft - feet

ft amsl - feet above mean sea level

mg/L - milligrams per liter (part per million).

μg/L - micrograms per liter (part per billion).

ne - NR 140 ES or PAL standard have not been established.

\* Includes 1,3,5 Trimethylbenzene and 1,2,4 Trimethylbenzene

\*\* Cyanide samples are not field filtered.

\*\*\* Naphthalene was analyzed using VOC (SW846 8260B) and PAH (\*\*\*SW846 8270C) methods, the highest value is recorded on both the VOC and PAH tables.

-- - Analyte not tested or data not available

< - Analyte not detected; value shown is the method detection limit

Dup(QC-1) - Quality Control duplicate sample, field identification indicated in parenthesis.

Data Qualifiers:

x - Trip Blank returned with above normal value.

q - Analyte detected between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentration in this range.

H - Extraction or analysis performed past hold time.

Embrace   Sembrace   Case		I						esna, Wi				. (0)(0)						
Seminar   Part				σ				Sem	nivolatile	Organic (	Compoun	ds (SVOC	(s)		Φ			
Processing Part   Par		Date		₹3	Acenaphthene (µg/L)	Fluorene (µg/L)	Phenanthrene (μg/L)		Fluoranthene (µg/L)	Pyrene (µg/L)	Benzo (a) anthracene (µg/L)	Chrysene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(k) fluoranthene (µg/L)	(a)	Benzo (g,h,i) anthracene (µg/L)	1-Methyl- naphthalene (µg/L)	2-Methyl- naphthalene (µg/L)
Marches    Top of Year   Secure   Temps  Secure   Temps  Secure   Top of Year   Secure	eventive Action Limit	t (PAL)	8	ne												ne	ne	ne
		<u>`</u>			ne						ne	0.2	0.2	ne	0.2	ne	ne	ne
Memoria   149203   515   505				·														2.2J
Memory   M	V-99-1	3/8/2000																
March   Seriol   Se		1/8/2003	0.19q					<0.060								<0.048	0.72	<0.051
March   1620000																<0.016	0.67d	0.028q
March   1,000   1,00																<0.016 <0.019	0.057 0.064	<0.017 0.027
Mary															I	<0.019	0.029	<0.011
Mark-494-	V-99-1	4/18/2006	<0.012	<0.0081	<0.0082	<0.0091	<0.011	<0.012	<0.015	<0.015	<0.016	<0.019	<0.016	<0.019	<0.018	<0.019	<0.01	<0.011
Mary New																		
MAY-99-1   10222008   0.08   0.08   0.08   0.02   0.11   0.01   0.05   0.08   0.15   0.09   0.07   0.14   0.09   0.05   0.07													1			<0.029	<0.01 <0.01	<0.011 <0.011
Mary													<del> </del>			< 0.74		< 1.3
MAY-99-1   1,026/2010   -0,066   -0,94   -0,06   -0,15   -0,056   -0,066   -0,15   -0,056   -0,07   -0,014   -0,075   -0,014   -0,015   -0,014   -0,015			< 0.66		< 0.9	< 1.1	< 0.6	< 0.59	< 0.86	< 1.5	< 0.58	< 0.74	< 1.4	< 0.97	< 0.91	< 0.73	_	< 1.3
MW-99-3   Top of Well Screen (Hams) : 604.70																<0.73		<1.3
MM-9893					<0.9						<0.58	<0.74	<1.4	<b>  &lt;</b> 0.97	<0.91	<0.73	B-14	<1.3
MAY-99-9	<del> </del>		, I															<0.50
May-99		1/6/2003		<0.019	<0.018	<0.017	<0.016		<0.013			<0.014	·	<0.019	<0.014	<0.016	<0.017	<0.017
MAY-99-9																<0.016	0.063	0.039q
Marche   1,222,006   0,008   0,0086   0,0086   0,0096   0,0091   0,0014   0,0021   0,0021   0,0016   0,0016   0,0017   0,0020   0,0019   0,016   0,0048   0,0098   0,0048   0,0098   0,0018												<b>-</b>				<0.016	<0.018 0.012	<0.017 0.017
MW-99-3																<0.02	<0.011	<0.012
NW-99-3									i —			<b></b>	<del> </del>	<del> </del>	·	<0.019	<0.01	<0.011
MW-99-3   1/2/2007								i					<del> </del>					
MW-99-3   102222008								<del> </del>			<del>                                     </del>		i -		<del>                                     </del>	<0.019	<0.01	<0.011
NW-99-3											<del> </del>				<b>†</b>	< 0.73		<0.011 < 1.3
NW-99-4											<u> </u>		<b>—</b>	†	<del> </del>	< 0.73		< 1.3
MW-99-4	N-99-3												<del> </del>	<del>                                     </del>		<0.73		<1.3
MW-99-4 Dup(QC-1) 1/11/2000 — — — — — — — — — — — — — — — — — —					<0.91	<u> </u>					<0.58	<0.74	<1.4	<0.98	<0.92	<0.73		<1.3
MW-99-4												I					T	<0.50
MW-99-4 4/2/2003 <0.024 <0.019 <0.018 <0.017 <0.016 <0.020 <0.013 <0.017 <0.016 <0.020 <0.013 <0.017 <0.016 <0.020 <0.013 <0.017 <0.016 <0.020 <0.013 <0.017 <0.016 <0.020 <0.013 <0.017 <0.016 <0.02 <0.013 <0.017 <0.016 <0.012 <0.014 <0.013 <0.019 <0.014 <0.003 <0.019 <0.014 <0.003 <0.019 <0.014 <0.019 <0.018 <0.017 <0.016 <0.02 <0.013 <0.017 <0.016 <0.012 <0.014 <0.013 <0.019 <0.014 <0.013 <0.019 <0.014 <0.003 <0.018 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <0.011 <	W-99-4 Dup(QC-1)	1/11/2000													<del> </del>			<0.50
MW-99-4					<del></del>			<del></del>	<del> </del>	<del>                                     </del>	-	<del> </del>	1	<del> </del>	<del></del>	<0.016	<0.017	<0.017
MW-99-4											<del> </del>	t	1		_	<0.016 <0.016	<0.018	<0.017 <0.017
MW-99-4								<del>                                     </del>								<0.024	<0.013	<0.014
MW-99-4	W-99-4	1/26/2005	<0.048	<0.0082	<0.0082	<0.0091	<0.011	<0.012	<0.016	<0.015	<0.016	<0.019	<0.016	<0.020		<0.019	<0.010	<0.011
MW-99-4					<0.0083	<0.0092			1					<del>                                     </del>	1	<0.02	<0.01	<0.011
MW-99-4			<del> </del>					<del>                                     </del>	<del> </del>	<del> </del>		<del> </del>	<del> </del>	<del>                                     </del>	+	0.065	<0.01	<0.011
MW-99-4				<del>                                     </del>		<del>                                     </del>	<b>———</b>	<del> </del>	<del>                                     </del>	-	<del>                                     </del>	·	<del> </del>	<del> </del>	+	<0.019	<0.01	<0.011
MW-99-4		· · · · · · · · · · · · · · · · · · ·	< 0.66	< 0.94	< 0.9	< 1.1	< 0.6	< 0.59	< 0.86	< 1.5	< 0.58	< 0.74	< 1.4	< 0.97	< 0.91	< 0.73		< 1.3
MW-99-5   Top of Well Screen (ft ams) : 806.20   Length of Well Screen (ft): 10	W-99-4		<del> </del>						<del>                                     </del>	<del>                                     </del>	-	1			1	< 0.73		< 1.3
MW-99-5			<del>                                      </del>		<del> </del>	<del>                                     </del>		<del></del>			<del>                                     </del>	-	_	<del>                                     </del>	+	<0.73	<del> </del>	<1.3 <1.3
MW-99-5											1 40.00	10.74	1 11.4	1 40.01	1 40.01	10.70		1 11.0
MW-99-5	W-99-5	1/12/2000																<0.50
MW-99-5         6/10/2003         < 0.024         < 0.019         < 0.018         < 0.017         < 0.012         < 0.012         < 0.014         < 0.013         < 0.019         < 0.014         < 0.01           MW-99-5         10/20/2005         0.029         < 0.0088			<del> </del>	<del> </del>	·		<b>†</b>				_	<del></del>		+	<del>                                      </del>	<0.016	<0.017	<0.017
MW-99-5         10/20/2005         0.029         <0.0088         <0.0098         <0.012         <0.013         <0.017         <0.016         <0.021         <0.021         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.02         <0.016         <0.015         <0.016         <0.019         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02         <0.016         <0.02 <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td><u> </u></td> <td>·</td> <td>†</td> <td></td> <td><del>                                     </del></td> <td></td> <td>+</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td><del> </del></td> <td>&lt;0.016 &lt;0.016</td> <td>&lt;0.017 &lt;0.018</td> <td>&lt;0.017</td>		· · · · · · · · · · · · · · · · · · ·	<u> </u>	·	†		<del>                                     </del>		+	1					<del> </del>	<0.016 <0.016	<0.017 <0.018	<0.017
MW-99-5         4/18/2006         < 0.012         < 0.0082         < 0.0091         < 0.011         < 0.012         < 0.016         < 0.019         < 0.016         < 0.02         < 0.019         < 0.016         < 0.02         < 0.019         < 0.019         < 0.016         < 0.02         < 0.019         < 0.019         < 0.016         < 0.02         < 0.019         < 0.019         < 0.016         < 0.02         < 0.019         < 0.019         < 0.016         < 0.02         < 0.019         < 0.019         < 0.016         < 0.02         < 0.019         < 0.019         < 0.016         < 0.019         < 0.016         < 0.019         < 0.016         < 0.019         < 0.016         < 0.02         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         < 0.019         <			<b></b>		<del>                                     </del>	<del> </del>			<del>1</del>	<del>                                     </del>		1	<del>                                     </del>	<del></del>		<0.021	<0.011	<0.012
MW-99-5         7/6/2006	W-99-5	1/26/2006	0.076	<0.0092	<0.0093	<0.010	<0.013	<0.013	<0.018	<0.017	<0.018	<0.022	<0.018	<0.022	<0.021	<0.022	<0.012	<0.013
MW-99-5         10/19/2006         0.014         <0.0082         <0.0091         <0.011         <0.012         <0.016         <0.019         <0.016         <0.02         <0.019         <0.019         <0.016         <0.02         <0.019         <0.019         <0.016         <0.02         <0.019         <0.016         <0.02         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.016         <0.019         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.019         <0.018         <0.019         <0.018         <0.019         <0.018         <0.018         <0.019         <0.01			<0.012	<0.0082	<0.0082	<0.0091	1	<0.012	<0.016	<0.015	<0.016	<0.019	<0.016	<0.02	<0.019	<0.019	<0.01	<0.011
MW-99-5         1/3/2007         <0.012         <0.0081         <0.0092         <0.0091         <0.011         <0.015         <0.015         <0.016         <0.019         <0.016         <0.019         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.019         <0.016         <0.019         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.018         <0.011         <0.018         <0.018         <0.019         <0.011         <0.011         <0.018         <0.019         <0.011         <0.019         <0.019         <0.019         <0.019         <0.019         <0.019         <0.019         <0.019         <0.019         <			<u> </u>				<del> </del>	<0.012	<0.016	<0.015	 -0.016	<0.010	 -0.016	<0.02	 -0.010	0.024	<0.01	<0.011
MW-99-5         10/23/2008         < 0.66         < 0.94         < 0.9         < 1.1         < 0.6         < 0.59         < 0.86         < 1.5         < 0.58         < 0.74         < 1.4         < 0.97         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91         < 0.91<			<del>                                      </del>	<del>                                     </del>	<del> </del>	·	<del>†                                      </del>		<del></del>	<del></del>			<del> </del>		+	1	<0.01	<0.011
MW-99-5         4/29/2009         <0.89         <0.9         <0.94         <1.1         <0.6         <0.59         <0.86         <1.5         <0.58         <0.74         <1.4         <0.97         <0.91         <0.           MW-99-5         1/20/2010         <0.66			†	<b>————</b>	<del></del>	· · · · · · · · · · · · · · · · · · ·		<del>1</del>			+	<del>                                      </del>			+	< 0.73		< 1.3
MW-99-5         1/20/2010         <0.66         <0.94         <0.9         <1.1         <0.6         <0.59         <0.86         <1.5         <0.58         <0.74         <1.4         <0.97         <0.91         <0.80           MW-05-01         Top of Well Screen (ft amsl): 807.20         Length of Well Screen (ft): 10           MW-05-01         10/20/2005         17         6.3         7.6         5         3.9         0.69         1.1         0.86         <0.33	W-99-5		< 0.89		<del> </del>	<del> </del>				+		<del></del>	<del></del>	<del>                                     </del>	<del></del>	< 0.73	-	< 1.3
MW-05-01         Top of Well Screen (ft amsl): 807.20         Length of Well Screen (ft): 10           MW-05-01         10/20/2005         17         6.3         7.6         5         3.9         0.69         1.1         0.86         <0.33			+		<del> </del>	<del>                                     </del>	<del> </del>	···		-		1			+	<0.73 <0.73		<1.3 <1.3
MW-05-01         10/20/2005         17         6.3         7.6         5         3.9         0.69         1.1         0.86         <0.33         <0.4         <0.33         <0.41         <0.39         <0.           MW-05-01         1/25/2006         5.2         7.2         10         5.9         1.1         0.51         1.0         0.84         <0.62											-0.36	70.74	71.44	1 -0.31	16.0-	1 -0.70		1.0
MW-05-01     4/17/2006     84     5     5.1     5     6     <1.2     2.1     1.8     <1.6     <1.9     <1.6     <2     <1.9     <1       MW-05-01     7/5/2006				6.3	7.6	<del></del>		0.69	1.1	0.86		1	<del>                                      </del>			<0.41	1.6	0.85
MW-05-01 7/5/2006			·	<u> </u>		1	<del>                                       </del>			+	+		+			<0.77	0.83	<0.45
MW-05-01 10/18/2006 1.5 3.8 6.1 3.3 0.37 0.25 0.52 0.37 <0.31 <0.38 <0.32 <0.39 <0.37 <0.31			1	<del> </del>	1		1				1				1	<1.9	4.1	3
			<del> </del>		<del> </del>	· <del> </del>	1	_	<del></del>	<del> </del>	+	+		<del>-  </del>	+	<0.39	0.23	<0.23
			<del></del>	· <del>[</del>	·	†		_		-	1	<1.9	<1.6	<1.9		<1.9	2.7	1.2
			<b>†</b>			<u> </u>				_		- <del></del>					<u> </u>	< 1.3
		-	<del>                                     </del>	†	<del> </del>			<del>1</del> — —		<del>                                     </del>						< 0.74	<u></u>	< 1.3 <2.6
			<del>                                     </del>			+					+	_		<del></del>	1	<0.73		<1.3

Property   1909/1909   1909   37							***************************************	esha, Wi										
Part								Sem	ivolatile	Organic (	Compoun	ds (SVOC	s)					
Processor   Proc		Date			Acenaphthene (µg/L)	Fluorene (µg/L)	Phenanthrene (µg/L)	Anthracene (µg/L)	Fluoranthene (µg/L)	Pyrene (µg/L)	Benzo (a) anthracene (µg/L)	Chrysene (µg/L)	Benzo(b) fluoranthene (µg/L)	Benzo(k) fluoranthene (µg/L)	(a)	Benzo (g,h,i) anthracene (µg/L)	1-Methyl- naphthalene (µg/L)	2-Methyl- naphthalene (µg/L)
Control   Cont					no I	80 1	ne	600	80	50	ne	0.02	0.02	ne	0.02	ne	ne	ne
Page																		
			en (ft ams	l): 759.70		L	ength of V	Vell Scre	en (ft): 5									
2006   1	PZ-05-01	10/20/2005	63															
Progress	PZ-05-01																	
Page											<0.078			<0.097	<0.092	<0.096	<del></del>	
Process   Green   Gr	PZ-05-01							0.38	0.58	0.46	0.13	0.12	0.067	0.076	0.097	0.058	1.2	0.024
Page	PZ-05-01	4/17/2008	< 0.018			< 0.0068			< 0.0058						<del>                                     </del>			
Page	PZ-05-01																<del></del>	
	PZ-05-01																	
No.   Process																		
Marke-Series   1,000																		
Method   M	MW-05-02	10/20/2005	0.086	0.86		0.014												
Ministrope   1,700,000	MW-05-02		1				-				<del>                                     </del>							
Marcia   M	MW-05-02				<0.0082	<0.0091					-					~0.019		
March   1700   18					<0.016	<0.018					ļ					<0.039	<del></del>	
MAIN-SER   S1022008   C.0.87   C.0.85   C.0.91   C.1.1   C.0.8   C.0.92   C.0.87   C.0.8   C.0.92	MW-05-02											-					<del>                                     </del>	
Marche   M	MW-05-02		< 0.67	< 0.95	< 0.91	< 1.1	< 0.6	< 0.6	< 0.87	< 1.5	< 0.58	< 0.74	< 1.4	< 0.98	< 0.92	< 0.73		< 1.3
Mary Lange   1992   1	MW-05-02	1/28/2009	< 0.89	< 0.94	< 0.9	< 1.1				<del>                                     </del>	<del> </del>		<del>                                     </del>					
Page 12   Page	MW-05-02										<del>                                     </del>				<del> </del>		<del> </del>	
Page					<0.9					<1.5	<0.58	<0.74	<1.4	<0.97	<u> </u>	<0.73		\1.3
Page		<u></u>	T	Τ΄	90					<150	<160	<190	<160	<200	<190	<200	190	<110
Page	PZ-05-02				81				<1.7	<1.6	<1.7	<2.0	<1.7	<2.1	<2.0	<2.1	210	120
Proposition   1992,000   200	PZ-05-02	4/18/2006	2300	7.4	84	21	17	2.7	<1.6	<1.5	<1.6	<1.9	<1.6	<2	<1.9	<1.9	200	190
Page	PZ-05-02	7/6/2006			<del>                                     </del>	<b></b>		-					<del>                                     </del>					
Page	PZ-05-02					<del></del>	<del> </del>				<del>                                     </del>							<del></del>
Page   10,022,2008   2970   4585   458   4580   4				<u> </u>	<del> </del>	<del>                                     </del>	<del>                                       </del>		-					<del> </del>			<del>                                     </del>	
Pice			<b>.</b>		<del>                                     </del>	<b></b>	<del>                                     </del>			<del> </del>			<del>                                       </del>	<del> </del>	< 73	< 58.1		183 J
	PZ-05-02	1/28/2009	4850	< 94	170 J	< 108	< 59.8	< 59.1	< 86.1	< 152	< 57.8	< 73.6	< 136	< 96.7	< 91.3	< 72.7		301 J
MW-101	PZ-05-02								<b>—</b>					<del>                                     </del>			<u> </u>	
MW-101					165 J				L	<75.8	<28.9	<36.8	<68.1	<48.3	<45.6	<36.3	-	191 J
MW-101		i	<del></del>	<del></del>	1.6	1	T-¥		<del></del>	0.29	<0.15	<0.14	<0.11	<0.10	<0.096	<0.12	1.3	<0.22
Mary	MW-101		1		0.023q	0.035q	0.032q	<0.020	<0.013	<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	0.085	0.039q
	MW-101	4/3/2003		0.061	0.27	<del> </del>					<del>                                     </del>	<del> </del>	<del>                                     </del>	<del>                                     </del>	<del> </del>			<del> </del>
PZ-101	MW-101				0.26				<u> </u>	<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	0.098	0.05
PZ-101		T	T		4.1		1		T	44	<0.38	<0.36	<0.28	<0.26	<0.24	<0.3	65	38
PZ-101	PZ-101				<b></b>		·	<u> </u>					<del>†                                      </del>	<del> </del>		<1.6	120d	
PZ-101	PZ-101 Dup(QC-1)	1/7/2003	260d	33	5.2q	11	20	3.5q	1.4q	<1.7	<1.2	<1.4	<1.3	<1.9	<1.4		80d	56d
PZ-101	PZ-101		·		<del>                                     </del>					t	1			<del> </del>	<del> </del>			
PZ-101			<del></del>	<del></del>	<del> </del>						·	<del> </del>		<del> </del>			+	
PZ-102	·		J.Z —	0.19	<del> </del>	U.01 		0.19	U.U09 	0.098	<u> </u>	1	<del> </del>	<del> </del>		~0.0063	3.1	
PZ-102			ı (ft amsi)	: 671.17	·	Le	ngth of W	ell Screer	(ft): 10			1	1	<u> </u>				
PZ-102	PZ-102		0.045		<del>                                      </del>	1.5	<del></del>	0.074		2.0	0.052	0.034	<0.014	· · · · · · · · · · · · · · · · · · ·	0.035	<0.015	0.041	<0.028
PZ-102   6/10/2003   0.024   0.14   0.034   0.017   0.016   0.02   0.033   0.028   0.012   0.014   0.013   0.019   0.014   0.016   0.018   0.017   0.017	PZ-102			· · · · · · · · · · · · · · · · · · ·	1		<del> </del>	t			+			†				
MW-102   1/6/2003   <0.024   <0.019   <0.018   <0.017   <0.016   <0.020   <0.013   <0.017   <0.012   <0.014   <0.013   <0.014   <0.013   <0.019   <0.014   <0.016   <0.017   <0.017   <0.017   <0.017   <0.017   <0.012   <0.014   <0.013   <0.019   <0.014   <0.013   <0.019   <0.014   <0.016   <0.017   <0.017   <0.017   <0.017   <0.017   <0.012   <0.014   <0.013   <0.019   <0.014   <0.013   <0.019   <0.014   <0.016   <0.017   <0.017   <0.017   <0.017   <0.017   <0.012   <0.014   <0.013   <0.019   <0.014   <0.013   <0.019   <0.014   <0.016   <0.017   <0.017   <0.017   <0.017   <0.017   <0.012   <0.014   <0.013   <0.019   <0.014   <0.019   <0.014   <0.016   <0.018   <0.017   <0.017   <0.017   <0.017   <0.012   <0.014   <0.013   <0.019   <0.014   <0.019   <0.014   <0.016   <0.018   <0.017   <0.017   <0.017   <0.017   <0.012   <0.014   <0.013   <0.019   <0.014   <0.014   <0.016   <0.018   <0.017   <0.017   <0.017   <0.017   <0.017   <0.017   <0.017   <0.018   <0.019   <0.014   <0.018   <0.017   <0.018   <0.017   <0.017   <0.017   <0.017   <0.017   <0.017   <0.018   <0.019   <0.014   <0.013   <0.019   <0.014   <0.016   <0.018   <0.017   <0.017   <0.017   <0.017   <0.017   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018   <0.017   <0.018					<del> </del>	<del></del>	<del> </del>	i —	<del></del>		<del> </del>	·	1	t	<b>†</b>		<del>                                     </del>	
MW-102					0.034		1			0.026	-0.012	<u> </u>	<0.013	<u> </u>	<u> &lt;0.014</u>	<b>\0.010</b>	_ <0.018	<0.017
MW-102   6/10/2003   0.024   0.019   0.018   0.017   0.016   0.02   0.013   0.017   0.012   0.014   0.013   0.019   0.014   0.016   0.018   0.017     PZ-105   Top of Well Screen (ft amsl): 755.29   Length of Well Screen (ft): 5     PZ-105   1/6/2003   0.38   1.1d   0.32   0.24   0.036q   0.020   0.037q   0.033q   0.033q   0.012   0.014   0.013   0.019   0.014   0.016   0.016   0.016   0.016   0.017     PZ-105   4/1/2003   0.028   0.061   0.011   0.018   0.017   0.016   0.020   0.017q   0.020q   0.012   0.014   0.013   0.019   0.014   0.016   0.016   0.016   0.017     PZ-105   6/10/2003   0.028   0.061   0.018   0.017   0.016   0.020   0.018   0.017   0.020q   0.012   0.014   0.013   0.019   0.014   0.016   0.016   0.017     PZ-105   Top of Well Screen (ft amsl): 664.66   Length of Well Screen (ft): 5     PZ-104   1/6/2003   0.081   0.019   0.020q   0.020q   0.021q   0.020q   0.021q   0.020q   0.015q   0.017   0.012   0.014   0.013   0.019   0.014   0.016   0.035q   0.017     PZ-104   4/1/2003   0.024   0.019   0.020q   0.021q   0.020q   0.021q   0.020q   0.015q   0.017   0.012   0.014   0.013   0.019   0.014   0.016   0.035q   0.017     PZ-104   6/10/2003   0.024   0.019   0.018   0.017   0.016   0.020   0.013   0.017   0.012   0.014   0.013   0.019   0.014   0.016   0.035q   0.017     PZ-104   6/10/2003   0.024   0.019   0.018   0.017   0.016   0.020   0.021q   0.012q   0.014   0.013   0.019   0.014   0.016   0.035q   0.017     PZ-104   6/10/2003   0.024   0.019   0.018   0.017   0.016   0.027   0.013   0.017   0.012   0.014   0.013   0.019   0.014   0.016   0.018   0.017     PZ-104   6/10/2003   0.026   0.019   0.018   0.017   0.016   0.027   0.013   0.017   0.012   0.014   0.013   0.019   0.014   0.016   0.018   0.017     PZ-103   1/8/2003   0.026   0.019   0.018   0.017   0.016   0.027   0.013   0.017   0.012   0.014   0.013   0.019   0.014   0.016   0.016   0.017   0.017     PZ-103   1/8/2003   0.024   0.019   0.018   0.017   0.016   0.027   0.013   0.017   0.012   0.014   0.013   0.019   0.014   0.016	MW-102	1/6/2003	<0.024	<0.019	<0.018	<0.017	<0.016	<0.020	<0.013	<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	<0.017	<0.017
PZ-105   Top of Well Screen (ft ams): 755.29   Length of Well Screen (ft): 5	MW-102		<del>                                     </del>				<del> </del>			<del> </del>	+		·	<0.019	<0.014			<0.017
PZ-105			<u> </u>		<0.018	<u> </u>				<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	<0.018	<0.017
PZ-105	PZ-105 10p		Τ		0.32		T		<del></del>	0.033a	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	1.8d	0,057
PZ-104   Top of Well Screen (ft amsl): 664.66   Length of Well Screen (ft): 5	PZ-105	4/1/2003		***************************************	_		<del>                                     </del>		<u> </u>	<del></del>	<del>                                     </del>	<b></b>	<b>†</b>		<del>                                     </del>		<del>                                     </del>	
PZ-104	PZ-105				<0.018		<0.016	<0.02	0.018	<del> </del>	<del>                                     </del>		<del> </del>					
PZ-104			1		0.020=		T		T	10.047	10.010	-0.044	-0.040	I -0.040		-0.040		
PZ-104 6/10/2003 <0.024 <0.019 <0.018 <0.017 <0.016 <0.02 <0.013 <0.017 <0.012 <0.014 <0.013 <0.013 <0.019 <0.014 <0.016 <0.018 <0.017 <0.017 <0.017 <0.017 <0.017 <0.017 <0.018 <0.017 <0.018 <0.017 <0.018 <0.017 <0.018 <0.018 <0.017 <0.018 <0.019 <0.014 <0.013 <0.019 <0.014 <0.013 <0.019 <0.014 <0.016 <0.018 <0.017 <0.018 <0.017 <0.016 <0.020 <0.025q <0.02					<del> </del>		<del>†</del>		·····			·					<del>                                     </del>	
MW-103         Top of Well Screen (ft amsl): 809.78         Length of Well Screen (ft): 15           MW-103         1/8/2003         < 0.024	PZ-104				<del> </del>		<del> </del>				+		<del> </del>		<del> </del>		·	
MW-103	MW-103 To	of Well Scree	n (ft ams	): 809.78		L	ength of V	Vell Scree	n (ft): 15		·		1			·	1.	
MW-103	MW-103						I .	1		1	i		1	t	1		1	1
PZ-103         Top of Well Screen (ft ams): 764.50         Length of Well Screen (ft): 5           PZ-103         1/8/2003         <0.024			<u>-</u>									·	<del> </del>		·		<del></del>	
PZ-103					-0.010					_ ~0.017	_ ~U.U 12	L ~U.U14	_~v.013	1 ~0.019	_~0.014	-0.010	<b>\</b> U.U18	<u>~0.017</u>
77.400	PZ-103	1/8/2003	<0.024		<0.018				·	<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	<0.017	<0.017
PZ-103   6/10/2003   <0.024   <0.019   <0.018   <0.017   <0.016   <0.02   <0.013   <0.017   <0.012   <0.014   <0.013   <0.019   <0.014   <0.016   <0.018   <0.017   <0.017   <0.017   <0.017   <0.017   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <0.018   <	PZ-103									<del>                                     </del>	+	<u> </u>			<del></del>			
	PZ-103	6/10/2003	_ <0.024	<b>  &lt;</b> 0.019	J <0.018	<0.017	<0.016	<0.02	<0.013	<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	<0.018	<0.017

#### Table 3-5 **Groundwater Analytical Results - Semivolatile Organic Compounds** WE Energies Former MGP Site

#### Waukesha, Wisconsin

							C		Oi- 1	~	d= (C)(C)	·a\					
		1					Sen	nivolatile	Organic (	ompoun	ds (SVOC	·S)					$\overline{}$
Sample Location	Sampling Date	Naphthalene*** (µg/L)	Acenaphthylene (µg/L)	Acenaphthene (µg/L)	Fluorene (µg/L)	Phenanthrene (µg/L)	Anthracene (µg/L)	Fluoranthene (µg/L)	Pyrene (µg/L)	Benzo (a) anthracene (µg/L)	Chrysene (µg/L.)	Benzo(b) fluoranthene (µg/L)	Benzo(k) fluoranthene (µg/L)	Benzo(a) pyrene (µg/L)	Benzo (g,h,l) anthracene (µg/L)	1-Methyl- naphthalene (µg/L)	2-Methyl- naphthalene (µg/L)
Wisconsin Groundwat	ter Quality Star	ndards (N	R 140)														
Preventive Action Lim		8	ne	ne	80	ne	600	80	50	ne	0.02	0.02	ne	0.02	ne	ne	ne
Enforcement Standard	d (ES)	40	ne	ne	400	ne	3,000	400	250	ne	0.2	0.2	ne	0.2	ne	ne	ne
MW-99-2 To	p of Well Scree	en (ft ams	I): 808.84		L	ength of \	Nell Scre	en (ft): 10		,							
MW-99-2	1/12/2000																<0.50
MW-99-2	1/8/2003	0.11	0.020q	<0.018	<0.017	<0.016	<0.020	<0.013	<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	0.025q	0.024q
MW-99-2	4/2/2003	0.21	0.030q	<0.018	<0.017	<0.016	<0.020	<0.013	<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	0.050q	0.030q
MW-99-2	6/10/2003	0.1	<0.019	<0.018	<0.017	<0.016	<0.02	<0.013	<0.017	<0.012	<0.014	<0.013	<0.019	<0.014	<0.016	0.031	0.027
MW-99-2	10/20/2005	0.04	0.034	0.026	<0.0097	<0.012	<0.012	<0.017	<0.016	<0.017	<0.02	<0.017	<0.021	<0.02	<0.021	<0.011	0.012
MW-99-2	1/25/2006	<0.050	<0.0086	<0.0086	<0.0096	<0.012	<0.012	<0.016	<0.015	<0.017	<0.02	<0.017	<0.020	<0.019	<0.02	<0.011	<0.012
MW-99-2	4/17/2006	<0.013	<0.0083	<0.0083	<0.0092	<0.012	<0.012	<0.016	<0.015	<0.016	<0.019	<0.016	<0.02	<0.019	<0.02	<0.01	<0.011
MW-99-2	7/5/2006											_					
MW-99-2	10/19/2006	<0.012	<0.0082	<0.0082	<0.0091	<0.011	<0.012	<0.016	<0.015	<0.016	<0.019	<0.016	<0.02	<0.019	<0.019	<0.01	<0.011
MW-99-2	1/3/2007	<0.012	<0.0081	<0.0082	<0.0091	<0.011	<0.012	<0.015	<0.015	<0.016	<0.019	<0.016	<0.019	<0.018	<0.019	<0.01	<0.011
MW-99-2	10/23/2008	< 0.66	< 0.94	< 0.9	< 1.1	< 0.6	< 0.59	< 0.86	< 1.5	< 0.58	< 0.74	< 1.4	< 0.97	< 0.91	< 0.73	_	< 1.3
MW-99-2	1/27/2009	< 0.66	< 0.94	< 0.9	< 1.1	< 0.6	< 0.59	< 0.86	< 1.5	< 0.58	< 0.74	< 1.4	< 0.97	< 0.91	< 0.73	_	< 1.3
MW-99-2	4/27/2009	<0.89	<0.9	<0.94	<1.1	<0.6	<0.59	<0.86	<1.5	<0.58	<0.74	<1.4	<0.97	<0.91	<0.73		<1.3
MW-99-2	1/19/2010	<0.89	<0.94	<0.9	<1.1	<0.6	<0.59	<0.86	<1.5	<0.58	<0.74	<1.4	<0.97	<0.91	<0.73		<1.3
	of Well Screen			4.4		ngth of W										l	
PZ-106	1/8/2003	940d	150d	10	29	64q,d,	12	4.5	5.4	<1.2	<1.4	<1.3	<1.9	<1.4	<1.6	260d	160d
PZ-106	4/1/2003	2,400 H	240d	<72	<68	78q,d	<80 D	4.7	6.4	<0.24	<0.26	<0.26	<0.38	<0.28	<0.32	430d	240d
PZ-106	6/10/2003	840	140	<45	<42	48	<50	<32	<42	<30	<35	<32	<48	<35	<40	260	53
PZ-106	4/27/2009	13.3	14.1	109	<1.3	40.1	10.3	3.3 J	5.1 J	0.21	0.17	0.019 J	0.023 J	0.035 J	0.0074 J	184	0.17
PZ-106	1/19/2010		-														
	p of Well Scre	en (ft ams	i): 774.62	L	L	ength of	Well Scre	en (ft): 5	· · · · · · · · · · · · · · · · · · ·		<u> </u>	<u></u>	<u></u>				
PZ-08-01	10/23/2008	< 0.66	< 0.94	< 0.9	< 1.1	< 0.6	< 0.59	< 0.86	< 1.5	< 0.58	< 0.74	< 1.4	< 0.97	< 0.91	< 0.73	< 1.3	< 0.9
PZ-08-01	1/28/2009	< 0.66	< 0.94	< 0.9	< 1.1	< 0.6	< 0.59	< 0.86	< 1.5	< 0.58	< 0.74	< 1.4	< 0.97	< 0.91	< 0.73	< 1.3	< 0.9
PZ-08-01	4/28/2009	<0.89	<0.93	<0.98	<1.1	<0.62	<0.61	<0.89	<1.6	<0.6	<0.76	<1.4	<1	<0.95	<0.76		<1.3
PZ-08-01Dup (QC-1)	4/28/2009	<0.89	<0.91	<0.95	<1.1	<0.6	<0.6	<0.87	<1.5	<0.58	<0.74	<1.4	<0.98	<0.92	<0.73		<1.3
PZ-08-01	1/19/2010	<0.89	<0.94	<0.90	<1.1	<0.6	<0.59	<0.86	<1.5	<0.58	<0.74	<1.4	<0.97	<0.91	<0.73		<1.3
	p of Well Scre					ength of											
PZ-08-02	10/23/2008	< 0.66	< 0.94	< 0.9	< 1.1	< 0.6	< 0.59	< 0.86	< 1.5	< 0.58	< 0.74	< 1.4	< 0.97	< 0.91	< 0.73	< 1.3	< 0.9
PZ-08-02	1/28/2009	< 0.66	< 0.94	< 0.9	< 1.1	< 0.6	< 0.59	< 0.86	< 1.5	< 0.58	< 0.74	< 1.4	< 0.97	< 0.91	< 0.73	< 1.3	< 0.9
PZ-08-02	4/28/2009	<0.89	<0.9	<0.94	<1.1	<0.6	<0.59	<0.86	<1.5	<0.58	<0.74	<1.4	<0.91	<0.97	<0.73		<1.3
PZ-08-02	1/19/2010	<0.89	<0.94	<0.9	<1.1	<0.6	<0.59	<0.86	<1.5	<0.58	<0.74	<1.4	<0.97	<0.91	<0.73	-	<1.3
Notes:		•	<del></del>	<del></del>	•		•	•			****						

Results shown for detected compounds only.

Constituent concentrations that attain or exceed a PAL are in italics.

Constituent concentrations that attain or exceed an ES are bold. Data collected prior to July 2006 was reported in the Site Data Summary Report (STS, 2006a).

ft amsl - feet above mean sea level

mg/L - milligrams per liter (part per million).

 $\mu g/L$  - micrograms per liter (part per billion). ne - NR 140 ES or PAL standard have not been established.

- \*\*\* Naphthalene was analyzed using VOC (SW846 8260B) and PAH (\*\*\*SW846 8270C) methods, the highest value is recorded on both the VOC and PAH tables.
- -- Analyte not tested or data not available
- < Analyte not detected; value shown is the method detection limit

 $\label{eq:control} \text{Dup}(\text{QC-1}) - \text{Quality Control duplicate sample, field identification indicated in parenthesis.}$ 

- x Trip Blank returned with above normal value.
- q Analyte detected between the Limit of Detection (LOD) and the Limit of Quantitation (LOQ). The results are qualified due to the uncertainty of analyte concentration in this range.
- H Extraction or analysis performed past hold time.
- d Analyte value from diluted analysis, or surrogate result not applicable due to sample dilution.
- J Qualitative evidence of analyte present: concentration detected is greater than the method detection limit but less than the reporting limit.

Table 3-1 Well Construction and Gauging WE Energies Former MGP Site Waukesha, Wisconsin

Well Name	Date	Total Well Depth (ft bgs)	Ground Surface Elevation (ft MSL)	TOC Elevation (ft MSL)	Estimated New TOC Elevation* (ft msl)	Top Screen (ft MSL)	Bottom Screen (ft MSL)	Depth to Groundwater (ft bTOC)	Groundwate Elevation (ft MSL)
	10/20/2005	18.0	812.80	815.21	na	807.20	797.20	12.13	803.08
	1/25/2006	18.0	812.80	815.21	na	807.20	797.20	11.65	803.56
	4/17/2006	18.0	812.80	815.21	na	807.20	797.20	36.35	778.86
	7/5/2006	18.0	812.80	815.21	na	807.20	797.20	35.63	779.58
MW05-01	10/18/2006	18.0	812.80	815.21	na	807.20	797.20	36.94	778.27
	10/19/2006	18.0	812.80	815.21	na	807.20	797.20	36.94	778.27
	1/2/2007	18.0	812.80	815.21 815.21	na	807.20	797.20 797.20	36.52	778.69 803.53
	10/22/2008 2/16/2009	18.0 18.0	812.80 812.80	815.21	na na	807.20 807.20	797.20	11.68 11.41	803.80
	4/28/2009	18.0	812.80	815.21	na	807.20	797.20	9.37	805.84
	10/21/2005	18.0	810.90	810.52	na	802.50	792.50	10.52	800.00
	1/25/2006	18.0	810.90	810.52	na	802.50	792.50	10.31	800.21
	4/18/2006	18.0	810.90	810.52	na	802.50	792.50	31.33	779.19
MANOE OO	7/6/2006	18.0	810.90	810.52	na	802.50	792.50	33.69	776.83
MW05-02	10/19/2006	18.0	810.90	810.52	na	802.50	792.50	32.02	778.50
	1/2/2007	18.0	810.90	810.52	na	802.50	792.50	31.46	779.06
	10/22/2008	18.0	810.90	810.52	na	802.50	792.50	10.25	800.27
	4/27/2009	18.0	810.90	810.52	na	802.50	792.50	6.37	804.15
	1/12/2000	15.0	unknown	811.59	na	806.60	796.60	7.91	803.68
	3/8/2000	15.0	unknown	811.59	na	806.60	796.60	7.47	804.12
	1/22/2002	15.0	unknown	811.59	na	806.60	796.60	7.77	803.82
	4/16/2002	15.0 15.0	unknown	811.59	na	806.60 806.60	796.60	7.17 7.60	804.42
	7/9/2002 10/30/2002	15.0	unknown	811.59 811.59	na na	806.60	796.60 796.60	7.60	803.99 803.89
	4/2/2003	15.0	unknown	811.59	na	806.60	796.60	7.70	804.02
	6/10/2003	15.0	unknown	811.59	na	806.60	796.60	7.27	804.32
	10/22/2003	15.0	unknown	811.59	na	806.60	796.60	8.72	802.87
	1/14/2004	15.0	unknown	811.59	na	806.60	796.60	7.83	803.76
	4/1/2004	15.0	unknown	811.59	na	806.60	796.60	7.13	804.46
	7/6/2004	15.0	unknown	811.59	na	806.60	796.60	7.31	804.28
MW-99-1	10/1/2004	15.0	unknown	811.59	na	806.60	796.60	7.97	803.62
	1/4/2005	15.0	unknown	811.59	na	806.60	796.60	7.65	803.94
	4/21/2005	15.0	unknown	811.59	na	806.60	796.60	7.52	804.07
	7/8/2005	15.0	unknown	811.59	na	806.60	796.60	7.87	803.72
	10/21/2005	15.0	unknown	811.59	na	806.60	796.60	8.27	803.32
	1/25/2006 4/18/2006	15.0 15.0	unknown unknown	811.59 811.59	na na	806.60 806.60	796.60 796.60	7.70 23.79	803.89 787.80
	7/6/2006	15.0	unknown	811.59	na	806.60	796.60	24.84	786.75
	10/19/2006	15.0	unknown	811.59	na	806.60	796.60	21.26	790.33
	1/3/2007	15.0	unknown	811.59	na	806.60	796.60	23.85	787.74
	10/23/2008	15.0	unknown	811.59	na	806.60	796.60	7.80	803.79
	2/16/2009	15.0	unknown	811.59	na	806.60	796.60	7.49	804.10
	4/29/2009	15.0	unknown	811.59	na	806.60	796.60	5.32	806.27
	1/12/2000	15.0	814.31	813.84	na	808.84	798.84	10.77	803.07
	3/8/2000	15.0	814.31	813.84	na	808.84	798.84	10.47	803.37
	1/22/2002	15.0	814.31	813.84	na	808.84	798.84	10.65	803.19
	4/16/2002	15.0	814.31	813.84	na	808.84	798.84	10.27	803.57
	7/9/2002	15.0	814.31	813.84	na	808.84	798.84	10.56	803.28
	10/30/2002 4/2/2003	15.0 15.0	814.31 814.31	813.84	na	808.84 808.84	798.84	10.62 10.51	803.22
	6/9/2003	15.0	814.31	813.84 813.84	na na	808.84	798.84 798.84	10.38	803.33 803.46
	10/22/2003	15.0	814.31	813.84	na	808.84	798.84	10.98	802.86
	1/14/2004	15.0	814.31	813.84	na	808.84	798.84	10.65	803.19
	4/1/2004	15.0	814.31	813.84	na	808.84	798.84	10.18	803.66
	7/6/2004	15.0	814.31	813.84	na	808.84	798.84	10.31	803.53
MW-99-2	10/1/2004	15.0	814.31	813.84	na	808.84	798.84	10.74	803.10
	1/3/2005	15.0	814.31	813.84	na	808.84	798.84	10.51	803.33
	4/21/2005	15.0	814.31	813.84	na	808.84	798.84	10.42	803.42
	7/8/2005	15.0	814.31	813.84	na	808.84	798.84	10.69	803.15
	10/20/2005	15.0	814.31	813.84	na	808.84	798.84	10.97	802.87
	1/25/2006	15.0	814.31 814.31	813.84	na	808.84	798.84	10.57	803.27
	4/17/2006 7/5/2006	15.0 15.0		813.84	na	808.84	798.84 798.84	33.73	780.11
	7/5/2006 10/19/2006	15.0	814.31 814.31	813.84 813.84	na na	808.84 808.84	798.84	34.42 33.69	779.42 780.15
	1/3/2007	15.0	814.31	813.84	na	808.84	798.84	33.79	780.15
	10/23/2008	15.0	814.31	813.84	na	808.84	798.84	10.58	803.26
	2/16/2009	15.0	814.31	813.84	na	808.84	798.84	10.42	803.42
	4/27/2009	15.0	814.31	813.84	na	808.84	798.84	9.42	804.42
	1/11/2000	15.0	809.70	809.72	na	804.70	794.70	6.74	802.98
	3/8/2000	15.0	809.70	809.72	na	804.70	794.70	5.78	803.94
	1/22/2002	15.0	809.70	809.72	na	804.70	794.70	6.49	803.23
	4/16/2002	15.0	809.70	809.72	na	804.70	794.70	5.37	804.35
MW-99-3	7/9/2002	15.0	809.70	809.72	na	804.70	794.70	6.06	803.66
00 0	10/30/2002	15.0	809.70	809.72	na	804.70	794.70	6.21	803.51
	4/2/2003	15.0	809.70	809.72	na	804.70	794.70	5.96	803.76
	6/9/2003	15.0	809.70	809.72	na	804.70	794.70	5.95	803.77
	10/22/2003	15.0	809.70	809.72	na	804.70 804.70	794.70 794.70	6.72 6.42	803.00 803.30

Table 3-1 Well Construction and Gauging WE Energies Former MGP Site Waukesha, Wisconsin

Well Name	Date	Total Well Depth	Ground Surface Elevation	TOC Elevation	Estimated New TOC Elevation*	Top Screen	Bottom Screen	Depth to Groundwater	Groundwate Elevation
		(ft bgs)	(ft MSL)	(ft MSL)	(ft msl)	(ft MSL)	(ft MSL)	(ft bTOC)	(ft MSL)
	4/1/2004	15.0	809.70	809.72	na	804.70	794.70	5.12	804.60
	7/6/2004	15.0	809.70	809.72	na	804.70	794.70	5.69	804.03
	10/1/2004	15.0	809.70	809.72	na	804.70	794.70	6.58	803.14
	1/4/2005	15.0	809.70	809.72	na	804.70	794.70	6.02	803.70
	4/21/2005	15.0	809.70	809.72	na	804.70	794.70	5.94	803.78
	7/8/2005	15.0	809.70	809.72	na	804.70	794.70	6.41	803.31
MW-99-3	10/20/2005	15.0	809.70	809.72	na	804.70	794.70	6.78	802.94
(Continued)	1/25/2006 4/17/2006	15.0 15.0	809.70 809.70	809.72 809.72	na na	804.70 804.70	794.70 794.70	6.23 17.95	803.49 791.77
	7/5/2006	15.0	809.70	809.72	na	804.70	794.70	20.44	789.28
	10/19/2006	15.0	809.70	809.72	na	804.70	794.70	18.37	791.35
	1/2/2007	15.0	809.70	809.72	na	804.70	794.70	18.27	791.45
	10/22/2008	15.0	809.70	809.72	na	804.70	794.70	6.29	803.43
	4/29/2009	15.0	809.70	809.72	na	804.70	794.70	4.34	805.38
	1/11/2000	14.0	810.87	810.04	na	806.00	796.00	6.88	803.16
	3/8/2000	14.0	810.87	810.04	na	806.00	796.00	6.36	803.68
	1/22/2002	14.0	810.87	810.04	na	806.00	796.00	6.82	803.22
	4/16/2002	14.0 14.0	810.87 810.87	810.04 810.04	na na	806.00 806.00	796.00 796.00	5.87 6.51	804.17 803.53
	7/9/2002 10/30/2002	14.0	810.87	810.04	na	806.00	796.00	6.41	803.63
	4/2/2003	14.0	810.87	810.04	na	806.00	796.00	6.41	803.63
	6/10/2003	14.0	810.87	810.04	na	806.00	796.00	6.28	803.76
	10/22/2003	14.0	810.87	810.04	na	806.00	796.00	6.68	803.36
	1/13/2004	14.0	810.87	810.04	na	806.00	796.00	3.74	806.30
	4/1/2004	14.0	810.87	810.04	na	806.00	796.00	5.79	804.25
	7/6/2004	14.0	810.87	810.04	na	806.00	796.00	6.23	803.81
MW-99-4	10/1/2004	14.0	810.87	810.04	na	806.00	796.00	6.97	803.07
	1/3/2005	14.0	810.87	810.04	na	806.00	796.00	6.23	803.81
	4/21/2005	14.0 14.0	810.87	810.04	na	806.00 806.00	796.00	6.34 6.71	803.70
	7/8/2005 10/20/2005	14.0	810.87 810.87	810.04 810.04	na na	806.00	796.00 796.00	7.06	803.33 802.98
	1/26/2006	14.0	810.87	810.04	na	806.00	796.00	6.45	803.59
	4/17/2006	14.0	810.87	810.04	na	806.00	796.00	19.36	790.68
	7/5/2006	14.0	810.87	810.04	na	806.00	796.00	21.49	788.55
	10/19/2006	14.0	810.87	810.04	na	806.00	796.00	19.59	790.45
	1/3/2007	14.0	810.87	810.04	na	806.00	796.00	19.95	790.09
	10/22/2008	14.0	810.87	810.04	na	806.00	796.00	6.50	803.54
	2/16/2009	14.0	810.87	810.04	na	806.00	796.00	6.22	803.82
	4/27/2009	14.0	810.87	810.04	na	806.00	796.00	3.42	806.62
	1/12/2000	15.0 15.0	811.19	811.21	na	806.20	796.20	7.45 7.05	803.76
	3/8/2000 1/22/2002	15.0	811.19 811.19	811.21 811.21	na na	806.20 806.20	796.20 796.20	7.05	804.16 803.83
	4/16/2002	15.0	811.19	811.21	na	806.20	796.20	6.68	804.53
	7/9/2002	15.0	811.19	811.21	na	806.20	796.20	7.32	803.89
	10/30/2002	15.0	811.19	811.21	na	806.20	796.20	7.32	803.89
	4/1/2003	15.0	811.19	811.21	na	806.20	796.20	7.18	804.03
	6/9/2003	15.0	811.19	811.21	na	806.20	796.20	6.97	804.24
	10/22/2003	15.0	811.19	811.21	na	806.20	796.20	7.77	803.44
	1/13/2004	15.0	811.19	811.21	na	806.20	796.20	7.47	803.74
	4/1/2004 7/6/2004	15.0 15.0	811.19 811.19	811.21 811.21	na na	806.20 806.20	796.20 796.20	6.52 6.97	804.69 804.24
MW-99-5	10/1/2004	15.0	811.19	811.21	na	806.20	796.20	7.62	803.59
	1/3/2005	15.0	811.19	811.21	na	806.20	796.20	7.22	803.99
	4/21/2005	15.0	811.19	811.21	na	806.20	796.20	7.14	804.07
	7/8/2005	15.0	811.19	811.21	na	806.20	796.20	7.52	803.69
	10/20/2005	15.0	811.19	811.21	na	806.20	796.20	7.81	803.40
	1/26/2006	15.0	811.19	811.21	na	806.20	796.20	7.47	803.74
	4/18/2006	15.0	811.19	811.21	na	806.20	796.20	22.18	789.03
	7/6/2006	15.0	811.19	811.21	na	806.20	796.20	24.02 21.92	787.19
	10/19/2006 1/3/2007	15.0 15.0	811.19 811.19	811.21 811.21	na na	806.20 806.20	796.20 796.20	21.92	789.29 789.92
	10/23/2007	15.0	811.19	811.21	na	806.20	796.20	7.36	803.85
	2/16/2009	15.0	811.19	811.21	na	806.20	796.20	6.88	804.33
	4/29/2009	15.0	811.19	811.21	na	806.20	796.20	4.62	806.59
PZ-05-01	10/20/2005	60.5	812.60	815.17	na	759.70	754.70	11.72	803.45
	1/25/2006	60.5	812.60	815.17	na	759.70	754.70	13.57	801.60
	4/17/2006	60.5	812.60	815.17	na	759.70	754.70	33.40	781.77
	7/5/2006	60.5	812.60	815.17	na	759.70	754.70	38.06	777.11
	10/18/2006	60.5	812.60	815.17	na	759.70	754.70	35.33	779.84
	1/2/2007	60.5	812.60	815.17	na	759.70	754.70	34.32	780.85
	10/22/2008 2/16/2009	60.5 60.5	812.60 812.60	815.17 815.17	na na	759.70 759.70	754.70 754.70	11.03 10.81	804.14 804.36
	4/28/2009	60.5	812.60	815.17	na na	759.70	754.70	9.09	806.08
	10/21/2005	40.0	810.90	810.48	na	775.50	770.50	10.70	799.78
	1/25/2006	40.0	810.90	810.48	na	775.50	770.50	10.13	800.35
	4/18/2006	40.0	810.90	810.48	na	775.50	770.50	30.25	780.23
D7 05 02	7/6/2006	40.0	810.90	810.48	na	775.50	770.50	32.68	777.80
	10/19/2006	40.0	810.90	810.48	na	775.50	770.50	31.76	778.72
P7-05-02			040.00	810.48	na	775.50	770.50	31.76	778.72
PZ-05-02	10/29/2006	40.0	810.90		i i u				
PZ-05-02	1/2/2007	40.0	810.90	810.48	na	775.50	770.50	30.81	779.67
PZ-05-02									

## Table 3-1 Well Construction and Gauging WE Energies Former MGP Site Waukesha, Wisconsin

Well Name	Date	Total Well Depth (ft bgs)	Ground Surface Elevation (ft MSL)	TOC Elevation (ft MSL)	Estimated New TOC Elevation* (ft msl)	Top Screen (ft MSL)	Bottom Screen (ft MSL)	Depth to Groundwater (ft bTOC)	Groundwate Elevation (ft MSL)
	1/6-1/8/2003	60.0	812.66	814.72	na	764.72	754.72	12.70	802.02
	4/1-4/3/2003	60.0	812.66	814.72	na	764.72	754.72	12.58	802.14
PZ-101	6/9-6/10/2003	60.0	812.66	814.72	na	764.72	754.72	12.08	802.64
	2/16/2009	60.0	812.66	814.72	812.36	764.72	754.72	9.89	802.47
	4/28/2009	60.0	812.66	814.72	812.36	764.72	754.72	8.71	803.65
	1/6-1/8/2003	153.5	812.68	814.67	na	671.17	661.17	21.99	792.68
	4/1-4/3/2003	153.5	812.68	814.67	na	671.17	661.17	22.24	792.43
PZ-102	6/9-6/10/2003	153.5	812.68	814.67	na	671.17	661.17	21.65	793.02
	2/16/2009	153.5	812.68	814.67	812.38	671.17	661.17	10.08	802.30
	4/28/2009	153.5	812.68	814.67	812.38	671.17	661.17	18.92	793.46
	1/6-1/8/2003	60.0	819.86	819.50	na	764.50	759.50	15.68	803.82
	4/1-4/3/2003	60.0	819.86	819.50	na	764.50	759.50	14.43	805.07
PZ-103	6/9-6/10/2003	60.0	819.86	819.50	na	764.50	759.50	14.90	804.60
	2/16/2009	60.0	819.86	819.50	819.56	764.50	759.50	14.82	804.74
	4/29/2009	60.0	819.86	819.50	819.56	764.50	759.50	12.98	806.58
	1/6-1/8/2003	150.0	810.21	809.66	na	664.66	659.66	6.81	802.85
	4/1-4/3/2003	150.0	810.21	809.66	na	664.66	659.66	6.57	803.09
PZ-104	6/9-6/10/2003	150.0	810.21	809.66	na	664.66	659.66	6.00	803.66
	2/16/2009	150.0	810.21	809.66	na	664.66	659.66	8.02	801.64
	4/29/2009	150.0	810.21	809.66	na	664.66	659.66	4.44	805.22
	1/6-1/8/2003	60.0	810.76	810.29	na	755.29	750.29	8.82	801.47
	4/1-4/3/2003	60.0	810.76	810.29	na	755.29	750.29	8.78	801.51
PZ-105	6/9-6/10/2003	60.0	810.76	810.29	na	755.29	750.29	8.17	802.12
	2/16/2009	60.0	810.76	810.29	na	755.29	750.29	8.08	802.21
	4/29/2009	60.0	810.76	810.29	na	755.29	750.29	6.48	803.81
	1/6-1/8/2003	60.0	814.25	813.91	na	758.91	753.91	10.97	802.94
	4/1-4/3/2003	60.0	814.25	813.91	na	758.91	753.91	10.73	803.18
PZ-106	6/9-6/10/2003	60.0	814.25	813.91	na	758.91	753.91	10.32	803.59
	2/16/2009	60.0	814.25	813.91	na	758.91	753.91	10.33	803.58
	4/27/2009	60.0	814.25	813.91	na	758.91	753.91	9.09	804.82
	1/6-1/8/2003	17.0	812.69	814.77	na	804.77	797.77	12.63	802.14
	4/1-4/3/2003	17.0	812.69	814.77	na	804.77	797.77	12.37	802.40
MW-101	6/9-6/10/2003	17.0	812.69	814.77	na	804.77	797.77	12.04	802.73
	2/16/2009	17.0	812.69	814.77	812.39	804.77	797.77	9.94	802.45
	4/28/2009	17.0	812.69	814.77	812.39	804.77	797.77	8.37	804.02
	1/6-1/8/2003	15.0	810.41	810.09	na	805.09	795.09	8.83	801.26
100	4/1-4/3/2003	15.0	810.41	810.09	na	805.09	795.09	8.51	801.58
MW-102	6/9-6/10/2003	15.0	810.41	810.09	na	805.09	795.09	8.06	802.03
	2/16/2009	15.0	810.41	810.09	na	805.09	795.09	9.95	800.14
	4/29/2009	15.0	810.41	810.09	na	805.09	795.09	5.49	804.60
MW-103	1/6-1/8/2003	25.0	820.14	819.78	na	809.78	794.78	14.58	805.20
	4/1-4/3/2003	25.0	820.14	819.78	na	809.78	794.78	13.85	805.93
	6/9-6/10/2003	25.0	820.14	819.78	na	809.78	794.78	12.88	806.90
	2/16/2009	25.0	820.14	819.78	na	809.78	794.78	14.35	805.43
B7 00 04	4/29/2009	25.0	820.14	819.78	na	809.78	794.78	11.70	808.08
	10/23/2008	40.0	809.12	808.87	na	774.62	769.62	11.54	797.33
PZ-08-01	2/16/2009	40.0	809.12	808.87	na	774.62	769.62	11.35	797.52
	4/28/2009	40.0	809.12	808.87	na	774.62	769.62	9.58	799.29
D7 00 02	10/23/2008	41.0	828.38	828.04	na	792.38	787.38	26.90	801.14
PZ-08-02	2/16/2009 4/28/2009	41.0 41.0	828.38 828.38	828.04 828.04	na na	792.38 792.38	787.38 787.38	25.93 24.55	802.11 803.49

#### Notes:

\*\*Surveyed elevations for new top-of-casings are unknown for wells originally installed as stick-up and later converted to flush-mount; estimated TOC is 0.3 feet below ground surface

th bgs - feet below ground surface th bTOC - feet below top of casing ft MSL - feet above mean sea level TOC - top of casing

September 1, 2009

#### Via Certified Mail

Mr. Joseph Igl Historic Prairieville LP 235 West Broadway Waukesha, WI 53188

Re: Notific

**Notification of Case Closure Request** 

We Energies Former Waukesha Manufactured Gas Plant (MGP) Site 130 NW Barstow Street Waukesha, Wisconsin BRRTS# 02-68-224334

Dear Mr. Igl:

This letter is to inform you of We Energies' intent to request case closure of the former Manufactured Gas Plant (MGP) site, which was located at 130 NW Barstow Street (your property) and Bank Street (currently We Energies-owned property) in Waukesha, Wisconsin. Closure means that the Wisconsin Department of Natural Resources (WDNR) will not be requiring any further investigation or cleanup action to be taken, other than reliance on natural attenuation, as long as land use controls are followed.

#### Background

The site was used for manufacturing gas from coal from 1886 to 1937. Organic byproducts such as tars and oils were produced during the gas manufacturing process. MGP residuals (such as coal tar) from the former plant operations were detected in the soil and groundwater. During the early 1960's, the gas holder superstructures were razed. Excess sludge and tars were reportedly decanted or drained. The bases of the holders were filled with concrete rubble and other fill materials available at the time.

In the 1980s, onsite soil contamination was addressed with the exception of that remaining under the electric substation. The area of the former MGP site that contained the electric substation had not been investigated. The electric substation was de-energized and demolished in 2000. Following an investigation of the former substation property in 2001, approximately 6,064 tons of contaminated soil was excavated, hauled to Fort Atkinson for thermal treatment, and backhauled, and backfilled in the excavation area. The extent of excavation included an area 120 feet by 125 feet, including a portion of Bank Street and Mary Street. The excavation generally extended vertically to the groundwater table and varied from 7 to 11 feet in depth. The soil was treated to levels below generic direct contact and groundwater protection-based RCLs. Additional components of the final remedy include natural attenuation of groundwater and use of applicable site performance standards (i.e., land use controls) as a closure mechanism.

Based on 2007-2008 groundwater sampling results, the remediation that occurred in 2001 addressed the source of the groundwater impacts. Residual contamination in the groundwater is expected to naturally

Historic Prairieville LP September 1, 2009 Page 2

degrade over time, allowing natural attenuation to complete the cleanup, which meets the requirements for case closure found in chapter NR 726, Wisconsin Administrative Code.

Final closure conditions will be determined by the WDNR and will likely include certain land use controls in accordance with sections 292.12, Wisconsin Statutes. Under this statute, the land use controls are generally the legal obligation of the property owner (and successors). Responsibilities include: 1) obtaining WDNR approval before changing certain physical or land use conditions, and 2) complying with a Maintenance and Soils Management Plan.

#### **Potential Land Use Controls**

It is anticipated that the WDNR would specify the following land use controls on your property:

- Zoning must remain commercial (B-2, Central Business District), unless WDNR approval is granted to change the land use condition. (Any additional investigation and remedial action activities that may be necessary due to a zoning change would be the property owner's responsibility).
- Maintain the existing building and paved surfaces. If demolition and removal of the building or paved surfaces is planned in the future, notification to We Energies and WDNR would be necessary. WDNR may require additional investigation and/or remediation. In addition, WDNR may require that a suitable alternative cover be installed in the event the pavement is removed.
- Proper handling and disposal of encountered MGP-impacted soils in accordance with state and federal requirements, if disturbance cannot be avoided. We Energies would need to be notified in advance so assistance can be provided in the proper handling and disposal of the materials.
- Special construction standards for any water supply well constructed on the property may be required along with WDNR approval.
- Assessment of the subsurface environmental conditions on building construction methods if a new building is contemplated.

### Maintenance and Soils Management Plan

A maintenance plan for land use controls and a soils management plan (collectively, "Plan") is required to be provided to WDNR with the case closure request. This Plan is enclosed for your review. The Plan documents roles and responsibilities of you, as the property owner, and We Energies, as the MGP responsible party, in regard to land use controls and proper management of the residual MGP-contaminated soil and historic fill material on the property.

#### **Closure Process**

Historic Prairieville LP September 1, 2009 Page 3

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

Mr. Dave Volkert Wisconsin Department of Natural Resources 141 NW Barstow Street, Room 180 Waukesha, Wisconsin 53188 Phone: (262) 574-2166

If this case is closed, all properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater enforcement standards, and where MGP residuals remain in the soil, will be listed on the WDNR geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater and soil contamination are above screening levels at the time the case is closed. This GIS Registry will be available to the general public on the WDNR internet web site. The legal description of your property to be used for the GIS Registry is on the attached page.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of the letter by requesting a copy from me, by writing to the agency address given above or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at <a href="http://www.dnr.wi.gov/org/aw/rr/gis/index.htm">http://www.dnr.wi.gov/org/aw/rr/gis/index.htm</a>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Please sign and return the attached page to acknowledge in writing that you have received and reviewed this letter and believe that the legal description of your property is accurate to the best of your knowledge. You may contact me at (414) 221-2162 with questions or if you require additional information. On behalf of We Energies, I would like to thank you for your assistance and cooperation on this project.

Sincerely,

Mark J. Collins

Principal Hydrogeologist

Enclosures:

Acknowledgement of Notification Letter and Legal Description Certification

Maintenance and Soils Management Plan

# ACKNOWLEDGEMENT OF NOTIFICATION LETTER AND LEGAL DESCRIPTION CERTIFICATION

130 NW Barstow Street Property (Tax ID: WAKC1305374)

Legal Description on the Warranty Deed and Provided as Part of a WDNR GIS Registry Packet for:

WE ENERGIES
FORMER WAUKESHA MANUFACTURED GAS PLANT SITE
BRRTS # 02-68-224334
WAUKESHA, WISCONSIN

PT BLK A BERGELERS ADDN & PT BLK Q NORTHWEST ADDN; PT NE1/4 SEC 3 T6N R19E COM INTRSC NE LI MARY ST & SE LI ST PAUL; S50 E 106' TO BEG; N40 38'14 E 295.35'; S50 E 227.07'; SW 91.54' ALG ARC; S54 53'36 W 29.46'; S62 46'W 88.04'; N50 25'1 W 174.5'; S39 34'58 W 111.9'; N50 W 60.78' TO BEG 1.25 AC DOC NO 3624399

"I certify that the attached legal description is, to the best of my knowledge, complete and accurate. I further acknowledge that I have received and reviewed the notification letter dated August 21, 2009 from We Energies regarding their intent to request case closure for contamination from the Former Waukesha Manufactured Gas Plant (MGP) site on my property located at 130 NW Barstow Street, Waukesha, Wisconsin."

Historic Prairieville LP

A. William Huelsman Managing Partner



Property Tax Listing - Register of Deeds/Treasurer - County Data Warehouse - version 1.

Search Options | View Tax Bill | View GIS Image | Help

Search by

#### Tax Listing Details

2009 REAL PROPERTY TAX LISTING

Effective Date: 7/8/2009

WAKC1305374 Tax Key

View: Previous Year

Address 130 BARSTOW ST NW

Legal Description: PT BLK A BERGELERS ADDN & P T BLK Q NORTHWEST ADDN; PT NE 1/4 SEC 3 T6N R19E CO M INTRSC NE LI MARY ST & SE LI ST PAUL;S50 E 106' TO B EG; N40 38'14 E295.35'; S50 E 227.07'; SW 91.54' AL G ARC; S54 53'36 W 29.46' ; S62 46'W 88.04'; N50 25' 1 W 174.5'; S39 34'58 W 111.9'; N50 W

60.78' TO BEG 1.25 AC R1153/215

Description

**Assessment Year:** 

2009

Active for Assessment Year:

Yes

First Roll Year: Assessed With Others:

No No

Total:

Retired Roll Year: Referral:

No

**Burial Site:** Listed To:

HISTORIC PRAIRIEVILLE LP

235 W BROADWAY WAUKESHA, WI 53186 Assessment Information

Assessed By: Approved Value Year: **Assessment Ratio:** 

LOCAL 2008 89.97% **Assessment Type: Board of Review Date:** Assessment Ratio Year:

**FULL** 5/15/2008 2008

**Property Values:** 

**Property Class** MERCANTILE

Acres 1.25

Land \$326,700.00 \$326,700.00 1.25

Improvement \$478,100.00 \$478,100.00

\$804,800.00

Total

\$804,800.00

Districts: **District Type** CITY SCHOOL TCDB

**District Name** WAUKESHA SCH D OF WAUKESHA

WAUKESHA TECH COLLEGE DIST

**DOR Code** 291 6174 80

Data Warehouse | Intranet | County Web Site

intranet user

This program accesses data from databases maintained by several County Departments and Local Municipalities. There may be inconsistence in data depending on the date the information was gathered or the purpose for which it is maintained. Due to variances in sources and update cycles, there is no guarantee as to the accuracy of the data. For questions regarding tax listing, contact the County Register of Deed's Office at (262)548-7577 . For questions regarding County Tax Bills, contact the County Treasurer's Office at (262)548-7029.



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

## **Impacted Off-Source Property Information**

Form 4400-246 (R 3/08)

This fillable form is intended to provide a list of information that must be submitted for evaluation for case closure. It is to be used in conjunction with Form 4400-202, Case Closure Request (Section H). 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	5#: 02-68-224334 (No Dashes)			
ACTIV	ITY NAME: WAUKESHA COAL GAS MGP SITE			
ID	Off-Source Property Address	Parcel Number	WTM X	WTM Y
Α	Bank St (City of Waukesha)	WAKC1305075001	664099	283760
В	212 E St Paul Ave (City of Waukesha Parks Garage)	WAKC1305319	663993	283863
С	210 Bank St	WAKC1305373	664067	283798
D	313 Bank St	WAKC1305075	664129	283781
E	Madison St (Waukesha State Bank Property)	WAKC1305325	663875	283633
F	Madison St (Waukesha State Bank Property)	WAKC 305993	663942	283654
G	Madison St (Waukesha State Bank Property)	WAKC1305326	663722	283668
Н	100 Bank St (Waukesha State Bank)	WAKC1305370	663974	283701
1	E St Paul Ave (Waukesha State Bank Property)	WAKC1035371001	664091	283866





1350 Deming Way, Suite 100 Middleton, WI 53562 608.222.7231 www.aecom.com Copyright © 2010, By: AECOM USA, Inc.

> REGISTRY OFFSITE PROPERTIES INCLUDED ON WDNR GIS
> WE ENERGIES
> FORMER MANUFACTURED GAS PLANT SITE
> 130 NW BARSTOW STREET
> WAUKESHA, WISCONSIN

MAP OF

NOTES:

1. AERIAL PHOTOGRAPH (2007) ADOPTED FROM THE CITY OF WAUKESHA PROPERTY INFORMATION WEBSITE.

2. PARCEL IDENTIFICATION NUMBERS WERE DETERMINED USING THE CITY OF WAUKESHA PROPERTY INFORMATION WEBSITE AND CONFIRMED USING THE WAUKESHA COUNTY INTERNET MAPPING WEBSITE IN JUNE 2010.

Drawn :	ALB	10/19/2011		
Checked:	LBL	10/19/2011		
Approved:	LBL	10/19/2011		
PROJECT NUMBER	60138636			
FIGURE NUMBER		1		

Waukesha State Bank 1305-371-001 City of Historic Prairieville LLP 1305-374 **WE Energies** 1305-375 Waukesha Loan 1305-075 City of Waukesha 1305-075-001 City of Waukesha 1305-075-001

AFFECTED

A

PROPERTY

September 1, 2009

Via Certified Mail

Dr. Fred V. Abadi, P.E. Director of Public Works City of Waukesha 130 Delafield Street Waukesha, WI 53188

Re: Notification of Case Closure Request

We Energies Former Waukesha Manufactured Gas Plant (MGP) Site 130 NW Barstow Street Waukesha, Wisconsin BRRTS# 02-68-224334

Dear Dr. Adadi:

This letter is to inform you of We Energies' intent to request case closure of the former Manufactured Gas Plant (MGP) site, which was located at 130 NW Barstow Street in Waukesha, Wisconsin. Groundwater contamination that appears to have originated on the former MGP site has migrated onto your properties and right of ways described below:

Tax Key Number	Acres	Property Address	City Zoning
WAKC1305075001	1.49	BANK ST	B-2 (Central Business District)
Right of Way		BANK ST	Between NW Bartsow Street and Broadway
Right of Way		MARY ST	Between St. Paul Avenue and the Fox River
Right of Way		BROADWAY	Between St. Paul Avenue and the Fox River

The levels of benzene, ethylbenzene, and naphthalene contamination in the groundwater on these properties are above the state groundwater enforcement standards found in Chapter NR 140, Wisconsin Administrative Code. Closure means that the Wisconsin Department of Natural Resources (WDNR) will not be requiring any further investigation or cleanup action to be taken, other than reliance on natural attenuation, as long as land use controls are followed.

#### Background

The site was used for manufacturing gas from coal from 1886 to 1937. Organic byproducts such as tars and oils were produced during the gas manufacturing process. MGP residuals (such as coal tar) from the former plant operations were detected in the soil and groundwater. During the early 1960's, the gas holder superstructures were razed. Excess sludge and tars were reportedly decanted or drained. The bases of the holders were filled with concrete rubble and other fill materials available at the time.

In the 1980s, onsite soil contamination was addressed with the exception of that remaining under the electric substation. The area of the former MGP site that contained the electric substation had not been investigated. The electric substation was de-energized and demolished in 2000. Following an investigation of the former



City of Waukesha September 1, 2009 Page 2

substation property in 2001, approximately 6,064 tons of contaminated soil was excavated, hauled to Fort Atkinson for thermal treatment, and backhauled, and backfilled in the excavation area. The extent of excavation included an area 120 feet by 125 feet, including a portion of Bank Street and Mary Street. The excavation generally extended vertically to the groundwater table and varied from 7 to 11 feet in depth. The soil was treated to levels below generic direct contact and groundwater protection-based RCLs. Additional components of the final remedy include natural attenuation of groundwater and use of applicable site performance standards (i.e., land use controls) as a closure mechanism.

Based on 2007-2008 groundwater sampling results, the remediation that occurred in 2001 addressed the source of the groundwater impacts. Residual contamination in the groundwater is expected to naturally degrade over time, allowing natural attenuation to complete the cleanup, which meets the requirements for case closure found in chapter NR 726, Wisconsin Administrative Code.

Final closure conditions will be determined by the WDNR and will likely include certain land use controls in accordance with sections 292.12, Wisconsin Statutes. Under this statute, the land use controls are generally the legal obligation of the property owner (and successors). Responsibilities include obtaining WDNR approval before changing certain physical or land use conditions.

#### Potential Land Use Controls

It is anticipated that the WDNR would specify the following land use controls on your properties:

- Proper handling and disposal of encountered impacted soils in accordance with state and federal requirements, if disturbance cannot be avoided. This land use control is to address impacts that are associated with historic fill soils and are not related to the MGP site.
- Special construction standards for any water supply well constructed on the property may be required along with WDNR approval.
- Assessment of the subsurface environmental conditions on building construction methods if a new building is contemplated.

#### **Closure Process**

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

Mr. Dave Volkert Wisconsin Department of Natural Resources 141 NW Barstow Street, Room 180 Waukesha, Wisconsin 53188 Phone: (262) 574-2166

AFFECTED
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PROPERTY

City of Waukesha September 1, 2009 Page 3

If this case is closed, properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater enforcement standards, and where MGP residuals remain in the soil, will be listed on the WDNR geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater and soil contamination are above screening levels at the time the case is closed. This GIS Registry will be available to the general public on the WDNR internet web site. The legal description of your property to be used for the GIS Registry is on the attached page.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of the letter by requesting a copy from me, by writing to the agency address given above or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at <a href="http://www.dnr.wi.gov/org/aw/rr/gis/index.htm">http://www.dnr.wi.gov/org/aw/rr/gis/index.htm</a>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Please sign and return the attached page to acknowledge in writing that you have received and reviewed this letter and believe that the legal description of your property is accurate to the best of your knowledge. You may contact me at (414) 221-2162 with questions or if you require additional information. On behalf of We Energies, I would like to thank you for your assistance and cooperation on this project.

Sincerely,

Mark J. Collins

Principal Hydrogeologist

Enclosures:

Acknowledgement of Notification Letter and Legal Description Certification (1 parcel)

AFFECTED

A

PROPERTY

## ACKNOWLEDGEMENT OF NOTIFICATION LETTER AND LEGAL DESCRIPTION CERTIFICATION

Entire Bank Street Property (Tax ID: WAKC1305075001)

Legal Description on the Warranty Deeds and Provided as Part of a WDNR GIS Registry Packet for:

WE ENERGIES FORMER WAUKESHA MANUFACTURED GAS PLANT SITE BRRTS # 02-68-224334 WAUKESHA, WISCONSIN

SEE ATTACHMENT FOR COMPLETE LEGAL DESCRIPTION: 1.49 AC R2618/1140, R2988/10, DOC NO 2658320, DOC NO 2714229, DOC NO 2832279 & DOC NO 2954971.

"I certify that the attached legal description is, to the best of my knowledge, complete and accurate. I further acknowledge that I have received and reviewed the notification letter dated September 1, 2009 from We Energies regarding their intent to request case closure for contamination from the Former Waukesha Manufactured Gas Plant (MGP) site on my property located at Bank Street, Waukesha, Wisconsin."

City of Waukesha Owner

11-4-2009 Date



We Energies 231 W. Michigan St. Milwaukee, WI 53203 www.we-energies.com AFFECTED

B
PROPERTY

JUL 22 2010
BOARD OF PUBLIC WORKS

July 21, 2010

#### Via Certified Mail

Dr. Fred V. Abadi, P.E. Director of Public Works City of Waukesha 130 Delafield Street Waukesha, Wisconsin 53188

#### RE: Notification of Case Closure Request

We Energies Former Waukesha Manufactured Gas Plant (MGP) Site 130 NW Barstow Street Waukesha, Wisconsin BRRTS# 02-68-224334

Dear Dr. Abadi:

This letter is to inform you of We Energies' intent to request case closure of the former Manufactured Gas Plant (MGP) site, which was located at 130 NW Barstow Street in Waukesha, Wisconsin. Groundwater contamination that appears to have originated on the former MGP site has migrated onto your properties and right of ways described below:

Tax Key Number	Acres	Property Address	City Zoning
WAKC1305319	3.08	212 E ST PAUL AV	B-2 (Central Business District)
Right of Way		BROOK ST	Between St Paul Avenue and North Street
Right of Way		ST PAUL AVE	Between Mary Street and Brook Street

The levels of benzene, ethylbenzene, and naphthalene contamination in the groundwater on these properties are above the state groundwater enforcement standards found in Chapter NR 140, Wisconsin Administrative Code. Closure means that the Wisconsin Department of Natural Resources (WDNR) will not be requiring any further investigation or cleanup action to be taken, other than reliance on natural attenuation, as long as land use controls are followed.

#### Background

The site was used for manufacturing gas from coal from 1886 to 1937. Organic byproducts such as tars and oils were produced during the gas manufacturing process. MGP residuals (such as coal tar) from the former plant operations were detected in the soil and groundwater. During the early 1960's, the gas holder superstructures were razed. Excess sludge and tars were reportedly decanted or drained. The bases of the holders were filled with concrete rubble and other fill materials available at the time.

In the 1980s, onsite soil contamination was addressed with the exception of that remaining under the electric substation. The area of the former MGP site that contained the electric substation had not been investigated. The electric substation was de-energized and demolished in 2000. Following an investigation of the former

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PROPERTY

substation property in 2001, approximately 6,064 tons of contaminated soil was excavated, hauled to Fort Atkinson for thermal treatment, and backhauled, and backfilled in the excavation area. The extent of excavation included an area 120 feet by 125 feet, including a portion of Bank Street and Mary Street. The excavation generally extended vertically to the groundwater table and varied from 7 to 11 feet in depth. The soil was treated to levels below generic direct contact and groundwater protection-based RCLs. Additional components of the final remedy include natural attenuation of groundwater and use of applicable site performance standards (i.e., land use controls) as a closure mechanism.

Based on 2007-2010 groundwater sampling results, the remediation that occurred in 2001 addressed the source of the groundwater impacts. Residual contamination in the groundwater is expected to naturally degrade over time, allowing natural attenuation to complete the cleanup, which meets the requirements for case closure found in chapter NR 726, Wisconsin Administrative Code.

Final closure conditions will be determined by the WDNR and will likely include certain land use controls in accordance with sections 292.12, Wisconsin Statutes. Under this statute, the land use controls are generally the legal obligation of the property owner (and successors). Responsibilities include obtaining WDNR approval before changing certain physical or land use conditions.

#### **Potential Land Use Controls**

It is anticipated that the WDNR would specify the following land use controls on your properties:

- Proper handling and disposal of encountered impacted soils in accordance with state and federal requirements, if disturbance cannot be avoided. This land use control is to address impacts that are associated with historic fill soils and are not related to the MGP site.
- Special construction standards for any water supply well constructed on the property may be required along with WDNR approval.
- Assessment of the subsurface environmental conditions on building construction methods if a new building is contemplated.

#### **Closure Process**

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

Mr. Dave Volkert Wisconsin Department of Natural Resources 141 NW Barstow Street, Room 180 Waukesha, Wisconsin 53188 Phone: (262) 574-2166

If this case is closed, properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater enforcement standards, and where MGP residuals remain in the soil, will be listed on the WDNR geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater and soil contamination are above screening levels at the time the case is closed. This GIS Registry will be available

AFFECTED

B
PROPERTY

to the general public on the WDNR internet web site. The legal description of your property to be used for the GIS Registry is on the attached page.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of the letter by requesting a copy from me, by writing to the agency address given above or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at <a href="http://www.dnr.wi.gov/org/aw/rr/gis/index.htm">http://www.dnr.wi.gov/org/aw/rr/gis/index.htm</a>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Please sign and return the attached page to acknowledge in writing that you have received and reviewed this letter and believe that the legal description of your property is accurate to the best of your knowledge. You may contact me at (414) 221-2162 with questions or if you require additional information. On behalf of We Energies, I would like to thank you for your assistance and cooperation on this project.

Sincerely,

Mark J. Collins

Principal Hydrogeologist

Enclosure: Acknowledgement of Notification Letter and Legal Description Certification (1 parcel)

AFFECTED **B**PROPERTY

## ACKNOWLEDGEMENT OF NOTIFICATION LETTER AND LEGAL DESCRIPTION CERTIFICATION

Waukesha Metro Terminal Property (Tax ID: WAKC1305319)

Legal Description on the Warranty Deeds and Provided as Part of a WDNR GIS Registry Packet for:

# WE ENERGIES FORMER WAUKESHA MANUFACTURED GAS PLANT SITE BRRTS # 02-68-224334 WAUKESHA, WISCONSIN

LOTS 1, 2, 3, 4, 5, 19 & 20 KIMBALLS SUB OF BLK O NORTHWEST ADD & PT VACATED MARY STREET, PT NE1/4 SEC 3 T6N R19E ALSO PT LOT 5 BLK 5 NORTHWEST ADD & PT VACATED MARY STREET COM NW COR NW1/4 SEC 3-6-19; S00 13'41 W 991.09'; S89 46'24 E 708.23' TO BEG; S51 16'47 E 50'; S38 36'03 W 40'; N51 16'47 W 50'; N38 36'03 E 40' TO BEG; ALSO PT VACATED MARY STREET PT NE1/4 SEC 3 T6N R19E COM NW COR NE1/4 SEC 3-6-19; S00 13'41 W 991.09'; S89 46'24 E 708.23'; S51 16'47 E 50'; S38 36'03 W 15'; S51 16'47 E 183.96' TO BEG; S51 16'47 E 214'; S38 36'19 W 25'; N51 16'47 W 214'; N38 36'19 E 25' TO BEG EXCEPT DOC NO 3268669 & DOC NO 3268670 3.08 AC V220 DEEDS P86, V473 DEEDS P553, V602 DEEDS P433, DOC NO 2792421, DOC NO 2792422, DOC NO 2792424, DOC NO 2831113, DOC NO 2831821, DOC NO 2833566, DOC NO 2876306, DOC NO 2904849, DOC NO 3070748, DOC NO 3223029, DOC NO 3268671 & DOC NO 3268672.

"I certify that the attached legal description is, to the best of my knowledge, complete and accurate. I further acknowledge that I have received and reviewed the notification letter dated June 16, 2010 from We Energies regarding their intent to request case closure for contamination from the Former Waukesha Manufactured Gas Plant (MGP) site on my property located at 212 East St Paul Avenue, Waukesha, Wisconsin."

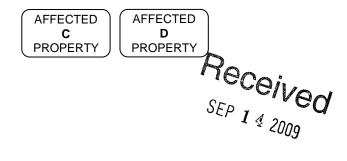
City of Waukesha, Owner

B. 6. 2010

Date



We Energies 231 W. Michigan St. Milwaukee, WI 53203 www.we-energies.com



September 1, 2009

Via Certified Mail

Mr. Charles Davies, President Waukesha Loan 501 East Broadway Waukesha, WI 53186

Re: Notification of Case Closure Request

We Energies Former Waukesha Manufactured Gas Plant (MGP) Site 130 NW Barstow Street Waukesha, Wisconsin BRRTS# 02-68-224334

Dear Mr. Davies:

This letter is to inform you of We Energies' intent to request case closure of the former Manufactured Gas Plant (MGP) site, which was located at 130 NW Barstow Street in Waukesha, Wisconsin. Groundwater contamination that appears to have originated on the former MGP site has migrated onto your properties described below:

Tax Key Number	Acres	Property Address	City Zoning
WAKC1305373	1.30	210 BANK ST	B-2 (Central Business District)
WAKC1305075	1.37	313 BANK ST	B-2 (Central Business District)

The levels of benzene, ethylbenzene, and naphthalene contamination in the groundwater on these properties are above the state groundwater enforcement standards found in Chapter NR 140, Wisconsin Administrative Code. Closure means that the Wisconsin Department of Natural Resources (WDNR) will not be requiring any further investigation or cleanup action to be taken, other than reliance on natural attenuation, as long as land use controls are followed.

#### **Background**

The site was used for manufacturing gas from coal from 1886 to 1937. Organic byproducts such as tars and oils were produced during the gas manufacturing process. MGP residuals (such as coal tar) from the former plant operations were detected in the soil and groundwater. During the early 1960's, the gas holder superstructures were razed. Excess sludge and tars were reportedly decanted or drained. The bases of the holders were filled with concrete rubble and other fill materials available at the time.

In the 1980s, onsite soil contamination was addressed with the exception of that remaining under the electric substation. The area of the former MGP site that contained the electric substation had not been investigated. The electric substation was de-energized and demolished in 2000. Following an investigation of the former substation property in 2001, approximately 6,064 tons of contaminated soil was excavated, hauled to Fort

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Waukesha Loan September 1, 2009 Page 2

Atkinson for thermal treatment, and backhauled, and backfilled in the excavation area. The extent of excavation included an area 120 feet by 125 feet, including a portion of Bank Street and Mary Street. The excavation generally extended vertically to the groundwater table and varied from 7 to 11 feet in depth. The soil was treated to levels below generic direct contact and groundwater protection-based RCLs. Additional components of the final remedy include natural attenuation of groundwater and use of applicable site performance standards (i.e., land use controls) as a closure mechanism.

Based on 2007-2008 groundwater sampling results, the remediation that occurred in 2001 addressed the source of the groundwater impacts. Residual contamination in the groundwater is expected to naturally degrade over time, allowing natural attenuation to complete the cleanup, which meets the requirements for case closure found in chapter NR 726, Wisconsin Administrative Code.

Final closure conditions will be determined by the WDNR and will likely include certain land use controls in accordance with sections 292.12, Wisconsin Statutes. Under this statute, the land use controls are generally the legal obligation of the property owner (and successors). Responsibilities include obtaining WDNR approval before changing certain physical or land use conditions.

#### **Potential Land Use Controls**

It is anticipated that the WDNR would specify the following land use controls on your properties:

- Proper handling and disposal of encountered impacted soils in accordance with state and federal requirements, if disturbance cannot be avoided. This land use control is to address impacts that are associated with historic fill soils and are not related to the MGP site.
- Special construction standards for any water supply well constructed on the property may be required along with WDNR approval.
- Assessment of the subsurface environmental conditions on building construction methods if a new building is contemplated.

#### **Closure Process**

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

Mr. Dave Volkert Wisconsin Department of Natural Resources 141 NW Barstow Street, Room 180 Waukesha, Wisconsin 53188 Phone: (262) 574-2166

If this case is closed, properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater enforcement standards, and where MGP residuals remain in the soil, will be listed on

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Waukesha Loan September 1, 2009 Page 3

the WDNR geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater and soil contamination are above screening levels at the time the case is closed. This GIS Registry will be available to the general public on the WDNR internet web site. The legal description of your property to be used for the GIS Registry is on the attached page.

Once the WDNR makes a decision on the closure request, it will be documented in a letter. If the WDNR grants closure, you may obtain a copy of the letter by requesting a copy from me, by writing to the agency address given above or by accessing the WDNR GIS Registry of Closed Remediation Sites on the internet at <a href="http://www.dnr.wi.gov/org/aw/rr/gis/index.htm">http://www.dnr.wi.gov/org/aw/rr/gis/index.htm</a>. A copy of the closure letter is included as part of the site file on the GIS Registry of Closed Remediation Sites.

Please sign and return the attached page to acknowledge in writing that you have received and reviewed this letter and believe that the legal description of your property is accurate to the best of your knowledge. You may contact me at (414) 221-2162 with questions or if you require additional information. On behalf of We Energies, I would like to thank you for your assistance and cooperation on this project.

Sincerely,

Mark J. Collins

Principal Hydrogeologist

Enclosures: Acknowledgement of Notification Letter and Legal Description Certification (2 parcels)

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## ACKNOWLEDGEMENT OF NOTIFICATION LETTER AND LEGAL DESCRIPTION CERTIFICATION

210 Bank Street Property (Tax ID: WAKC1305373)

Legal Description on the Warranty Deed and Provided as Part of a WDNR GIS Registry Packet for:

WE ENERGIES
FORMER WAUKESHA MANUFACTURED GAS PLANT SITE
BRRTS # 02-68-224334
WAUKESHA, WISCONSIN

LOT 10 & PT LOT 11 BLK P NO RTHWEST ADDN PT NE1/4 SEC 3 T6N R19E COM N COR, NE101 .16', NW 39.58', SW289.19', SE150.38', SW75.12', SE95' TO FOX R, NE ALG R TO EXT SW LI LT 10 BLK B BERGELER 'S ADD, NW103'8, SW20', NW TO BEG EXCEPT V690 P91, DOC NO 2658320 & DOC NO 271422 9 - 1.18 AC V667 P307 & V88 2 P387

"I certify that the attached legal description is, to the best of my knowledge, complete and accurate. I further acknowledge that I have received and reviewed the notification letter dated August 21, 2009 from We Energies regarding their intent to request case closure for contamination from the Former Waukesha Manufactured Gas Plant (MGP) site on my property located at 210 Bank Street, Waukesha, Wisconsin."

Wankesha Loan Owner

resident

Date

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## ACKNOWLEDGEMENT OF NOTIFICATION LETTER AND LEGAL DESCRIPTION CERTIFICATION

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Waukesha Loan, Owner

recident

9/10/09 Date



We Energies 231 W. Michigan St. Milwaukee, WI 53203 www.we-energies.com







September 1, 2009

Via Certified Mail

Ms. Marynell Costa Operations Manager Waukesha State Bank 151 E. St. Paul Avenue Waukesha, WI 53188

Re: Notification of Case Closure Request

We Energies Former Waukesha Manufactured Gas Plant (MGP) Site 130 NW Barstow Street Waukesha, Wisconsin BRRTS# 02-68-224334

Dear Ms. Costa:

This letter is to inform you of We Energies' intent to request case closure of the former Manufactured Gas Plant (MGP) site, which was located at 130 NW Barstow Street in Waukesha, Wisconsin. Groundwater contamination that appears to have originated on the former MGP site has migrated onto your properties described below:

Tax Key Number	Acres	Property Address	City Zoning
WAKC1305993	0.08	MADISON ST	B-2 (Central Business District)
WAKC1305326	0.09	MADISON ST	B-2 (Central Business District)
WAKC1305370	3.21	100 BANK ST	B-2 (Central Business District)
WAKC1305371001	0.69	E ST PAUL AV	B-2 (Central Business District)
WAKC1305325	4.49	MADISON ST	Rm-3(PUD), B-2; Multi-family Residential District (Planned Unit Development), Central Business District

The levels of benzene, ethylbenzene, and naphthalene contamination in the groundwater on these properties are above the state groundwater enforcement standards found in Chapter NR 140, Wisconsin Administrative Code. Closure means that the Wisconsin Department of Natural Resources (WDNR) will not be requiring any further investigation or cleanup action to be taken, other than reliance on natural attenuation, as long as land use controls are followed.

#### Background

The site was used for manufacturing gas from coal from 1886 to 1937. Organic byproducts such as tars and oils were produced during the gas manufacturing process. MGP residuals (such as coal tar) from the former plant operations were detected in the soil and groundwater. During the early 1960's, the gas holder superstructures were razed. Excess sludge and tars were reportedly decanted or drained. The bases of the holders were filled with concrete rubble and other fill materials available at the time.

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Waukesha State Bank September 1, 2009 Page 2

In the 1980s, onsite soil contamination was addressed with the exception of that remaining under the electric substation. The area of the former MGP site that contained the electric substation had not been investigated. The electric substation was de-energized and demolished in 2000. Following an investigation of the former substation property in 2001, approximately 6,064 tons of contaminated soil was excavated, hauled to Fort Atkinson for thermal treatment, and backhauled, and backfilled in the excavation area. The extent of excavation included an area 120 feet by 125 feet, including a portion of Bank Street and Mary Street. The excavation generally extended vertically to the groundwater table and varied from 7 to 11 feet in depth. The soil was treated to levels below generic direct contact and groundwater protection-based RCLs. Additional components of the final remedy include natural attenuation of groundwater and use of applicable site performance standards (i.e., land use controls) as a closure mechanism.

Based on 2007-2008 groundwater sampling results, the remediation that occurred in 2001 addressed the source of the groundwater impacts. Residual contamination in the groundwater is expected to naturally degrade over time, allowing natural attenuation to complete the cleanup, which meets the requirements for case closure found in chapter NR 726, Wisconsin Administrative Code.

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Mr. Dave Volkert Wisconsin Department of Natural Resources 141 NW Barstow Street, Room 180 Waukesha, Wisconsin 53188 AFFECTED E PROPERTY

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Waukesha State Bank September 1, 2009 Page 3

Phone: (262) 574-2166

If this case is closed, properties within the site boundaries where groundwater contamination exceeds Chapter NR 140 groundwater enforcement standards, and where MGP residuals remain in the soil, will be listed on the WDNR geographic information system (GIS) Registry of Closed Remediation Sites. The information on the GIS Registry includes maps showing the location of properties in Wisconsin where groundwater and soil contamination are above screening levels at the time the case is closed. This GIS Registry will be available to the general public on the WDNR internet web site. The legal description of your property to be used for the GIS Registry is on the attached page.

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Sincerely,

Mark J. Collins

Principal Hydrogeologist

Enclosures: Acknowledgement of Notification Letter and Legal Description Certification (5 parcels)

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## U.S. Postal Service CERTIFIED MAIL RECEIPT (Domestic Mail Only; No Insurance Coverage Provided)

1	OFF	
` !	133\ Postage	· 1.39
1	Certified Fee	2.80 SE
]	Return Receipt Fee (Endorsement Required)	2. 30 Postmark III
3	Restricted Delivery Fee (Endorsement Required)	
]	Total Postage & Fees	\$ 6,49
ה ב	Sent To	Ms. Marynell Costa
_		Operations Manager
7	Street, Apt. No.; or PO Box No.	Waukesha State Bank
_	City, State, ZIP+ 4	151 E. St. Paul Avenue Waukesha, WI 53188
	PS Form 3800, Janua	ry 2001 See Reverse for Instructions

#### SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece or on the front if space permits.
- 1. Article Addressed to:

Ms. Marynell Costa Operations Manager Waukesha State Bank 151 E. St. Paul Avenue Waukesha, WI 53188

	COMPLETE THIS SECTION ON DELIVERY
е,	A. Received by (Please Print Clearly)  C. Signature  X  D. Is delivery address different from item 1?   Yes   Yes   No
'	3. Service Type  Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.
	4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Copy fra

7001 0360 0000 5429 9334

PS Form 3811, July 1999

Domestic Return Receipt

102595-00-M-0952

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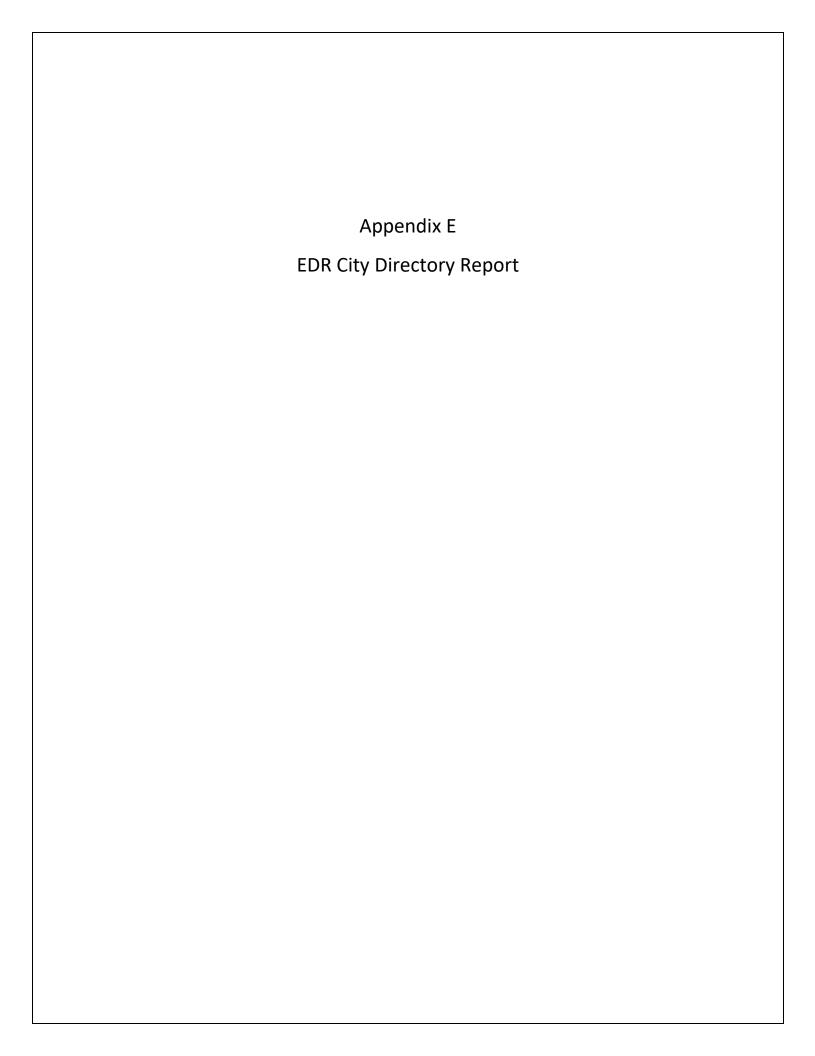
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East St. Paul Avenue

East St. Paul Avenue Waukesha, WI 53188

Inquiry Number: 5575612.5

March 04, 2019

## The EDR-City Directory Image Report



#### **TABLE OF CONTENTS**

#### **SECTION**

**Executive Summary** 

**Findings** 

**City Directory Images** 

**Thank you for your business.**Please contact EDR at 1-800-352-0050 with any questions or comments.

#### **Disclaimer - Copyright and Trademark Notice**

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#### **EXECUTIVE SUMMARY**

#### **DESCRIPTION**

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available city directory data at 5 year intervals.

#### **RECORD SOURCES**

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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#### **RESEARCH SUMMARY**

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

<u>Year</u>	Target Street	Cross Street	<u>Source</u>
2014	$\overline{\checkmark}$		EDR Digital Archive
2010	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
2005	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
2000		$\overline{\checkmark}$	EDR Digital Archive
1995	$\overline{\checkmark}$	$\overline{\checkmark}$	EDR Digital Archive
1992		$\overline{\checkmark}$	EDR Digital Archive
1988	$\overline{\checkmark}$	$\overline{\checkmark}$	Wright's City Directory
1983		$\overline{\checkmark}$	Wright's City Directory
1978	$\overline{\checkmark}$	$\overline{\checkmark}$	Wright's City Directory
1973	$\overline{\checkmark}$	$\overline{\checkmark}$	Wright's City Directory
1968	$\overline{\checkmark}$	$\overline{\checkmark}$	Wright's City Directory
1964	$\overline{\checkmark}$	$\overline{\checkmark}$	Wright's City Directory

### **FINDINGS**

#### TARGET PROPERTY STREET

East St. Paul Avenue Waukesha, WI 53188

<u>Year</u>	<u>CD Image</u>	<u>Source</u>
E SAINT	PAUL AVE	
2014	pg A1	EDR Digital Archive
2010	pg A3	EDR Digital Archive
2005	pg A5	EDR Digital Archive
2000	pg A7	EDR Digital Archive
1995	pg A9	EDR Digital Archive
1992	pg A11	EDR Digital Archive
1988	pg A13	Wright's City Directory
1983	pg A15	Wright's City Directory
1978	pg A17	Wright's City Directory
1973	pg A19	Wright's City Directory
1973	pg A20	Wright's City Directory
1968	pg A22	Wright's City Directory
1964	pg A25	Wright's City Directory

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#### **FINDINGS**

#### **CROSS STREETS**

<u>Year</u>	<u>CD Image</u>	Source	
BANK ST			
2014	-	EDR Digital Archive	Target and Adjoining not listed in Source
2010	pg. A2	EDR Digital Archive	
2005	pg. A4	EDR Digital Archive	
2000	pg. A6	EDR Digital Archive	
1995	pg. A8	EDR Digital Archive	
1992	pg. A10	EDR Digital Archive	
1988	pg. A12	Wright's City Directory	
1983	pg. A14	Wright's City Directory	
1978	pg. A16	Wright's City Directory	
1973	pg. A18	Wright's City Directory	
1968	pg. A21	Wright's City Directory	
1964	pg. A23	Wright's City Directory	
1964	pg. A24	Wright's City Directory	

5575612-5 Page 3



Target Street Cross Street Source

- EDR Digital Archive

#### E SAINT PAUL AVE 2014

	E SAINT PAUL AVE	2014
400	KAREN FOR HAIR	
108 120	AUTOMOTIVE COOLING SPECIALISTS	
120	ANDERS INC	
124	DAY SPRING SPA & WELLNESS CTR	
128	FINANCIAL SPECIALISTS INC	
136	CAFE DE ART	
151	MOLINE JEWELRY LINCOLN LOAN	
	WAUKESHA STATE BANK	
720	BM TILEWORKS	
905	DCMA CHICAGO MILWAUKEE	
	METALTEK INTERNATIONAL INC	
	MORGAN BIRGE & ASSOCIATES	
	OIL SYSTEM	

Target Street Cross Street Source
- Source EDR Digital Archive

## **BANK ST 2010**

151 157 167	DAVIES, CHARLES M ANDREWS LOCKSMITH HAUSER, KENNETH J	
210 313	FAMILY HEIRLOOMS ANTIQUE SHOP WAUKESHA ANTIQUE MALL	

Target Street Cross Street Source

- EDR Digital Archive

## E SAINT PAUL AVE 2010

108	KAREN FOR HAIR
116	BRADLEY, DONNA
	RUCCI JOSEPH S
120	AUTOMOTIVE COOLING SPECIALISTS
124	ANDERS INC
	DAY SPRING SPA & WELLNESS CTR
126	POPPLE, CHARLES N
128	FINANCIAL SPECIALISTS INC
136	BLAIR, CRYSTAL
	CAFE DE ART
	JAVA CONNECTION
	JCM ENTERPRISE LLC
151	WAUKESHA STATE BANK
214	PERES, S
406	LINK, MARK L
412	RAMIREZ, DAVID
418	GARY, E
	MLYNAREK, GARY E
	WANASEK, LAWRENCE P
500	KULINSKI, MARTIN E
612	MERTENS, PAUL D
616	MCLEAN, PATRICIA
618	OBRIEN, TIMOTHY
720	CARL, JUSTIN
	KOSMICKI, J
	SHELTON, KYLE S
	SIMMONS, KEITH D
	THOMPSON, TY R
905	DCMA CHICAGO MILWAUKEE
	METALTEK INTERNATIONAL INC
	MORGAN BIRGE & ASSOCIATES
1405	SPEEDY AUTO GLASS
1409	OLYMPIC CARWASH

Target Street Cross Street Source
- Source EDR Digital Archive

## **BANK ST 2005**

100	INVEST FINANCIAL CORPORATION
	WAUKESHA STATE BANK
151	DAVIES, CHARLES M
157	ANDREWS LOCKSMITH
	BUCK RUB OUTFITTERS LTD
	KAZMIERSKI, GREGORY J
161	KENNETH J HAUSER
	P I P 948
166	WILL, RYAN J
167	HAUSER, KENNETH J
210	MORTS MARKET OF WAUKESHA
	RIVERPARK COMMUNITY CHURCH
	WOODSIDE COMMUNITY CHURCH INC
313	SALVATION ARMY
346	SCHUMACHER, GARTH E

Target Street Cross Street Source

- EDR Digital Archive

## E SAINT PAUL AVE 2005

108	RADTKE, SUSANNA J	
120	AUTOMOTIVE CLG SPCLSTS INC	
126	POPPLE, CHARLES N	
128	FINANCIAL SPECIALISTS INC	
136	JAVA CONNECTION	
	SAINT PAUL GALLERY	
	SEYMOUR, JEFFREY T	
214	PERES, S	
228	MEDINA, PEDRO	
406	HOLLIMAN, MICHAEL	
	LINK, MARK L	
412	RAMIREZ, DAVID	
418	MLYNAREK, GARY E	
	WANASEK, LAWRENCE P	
500	KULINSKI, MARTIN E	
612	MERTENS, PAUL D	
616	CATALAN, ROSA	
618	MUNOZ, ROSA	
625	DIXON OIL INC	
720	DAIKER, TONY J	
	MORRISON, PATTIE	
	TEMPLEMAN, TODD A	
	WRIGHT, TIMOTHY J	
	YORK, WAYNE A	
905	S W CENTRIFUGAL INC	
1405	AUTO TRCK RSTPRFING OF WUKESHA	
1409	SPOT FREE CAR WASH	

**Target Street Cross Street Source EDR** Digital Archive

	BANK ST	2000
100	BADGER FLIGHT CORP INVEST A SERVICE OF ISFA CORP INVEST FINANCIAL CORPORATION	
151	WAUKESHA STATE BANK DAVIES CHARLES ATTORNEY	
155	ASSOCIATED TAX SERVICES INC	
159	MEILAHN PAUL	
161	STAR NAILS	
167	ZEDER INC	
210	MORTS MARKET OF WAUKESHA	
313	GOODWILL INDUSTRIES SE WIS & C	

Target Street Cross Street Source

- EDR Digital Archive

### E SAINT PAUL AVE 2000

400	
108	DAVIS, C D
	HOEPPNER, RAYMOND J
	KISSINGER, ROBERT C
440	UNDERWOOD, JEFF
110	OCCUPANT UNKNOWN,
120	AUTOMOTIVE CLG SPCLSTS INC
124	ANDERS INC
400	LEWIS, ANDERS W
126	POPPLE, CHARLIE
128	FINANCIAL SPECIALISTS INC
	FIRST ALLMRICA FNCL LF INS CO
	POKRANDT ALGNMT & SPRING SVC
136	EBBOTT, MICHAEL
	PARKER, JOSHUA
202	WEHR, P A
208	ALMANZA, B
214	PERES, S
218	GALLENBERG, RAYMOND R
222	JIMENEZ, MARIO
228	OCCUPANT UNKNOWN,
406	LINK, MARK L
	WILLIAMS, P
412	DOWLING, THOMAS
418	MLYNAREK, GARY E
	WANASEK, L
435	GERNAEY, TED D
500	CHAVEZ, ROQUE M
501	OCCUPANT UNKNOWN,
509	KETTLE MORAINE AMBULANCE
	KETTLE MORAINE AMBULANCE SVC
616	SALDANA, A
618	SCHROEDER, CARRIE A
625	DIXON OIL INC
720	BAKER, JASON S
	BARYKIN, ROMAN S
	SHELTON, KYLE S
	YORK, WAYNE
905	METALTEK INTERNATIONAL INC
	WISCONSIN CENTRIFUGAL INC
1405	AUTO TRCK RSTPRFING OF WUKESHA
1409	SPOT FREE CAR WASH

Target Street Cross Street Source

- ✓ EDR Digital Archive

#### **BANK ST 1995**

	BANK ST	1995
100	INVEST A SERVICE OF ISFA CORP	
	WAUKESHA REALTY DEVELOPMENT WAUKESHA STATE BANK	
151	DAVIES CHARLES ATTORNEY	
	ZICK WILLIS J	
155 157	ASSOCIATED TAX SERVICES INC BUCK RUB ARCHERY INC	
167	ZEDER INC	
210	MORTS MARKET OF WAUKESHA	
313	GOODWILL INDUSTRIES SE WIS	

Target Street Cross Street Source

- EDR Digital Archive

## E SAINT PAUL AVE 1995

108	KISSINGER, ROBERT C
116	COLON, JOSE D
	LABORDE, CARLOS
	RUCCI JOSEPH S
120	AUTOMOTIVE CLG SPCLSTS INC
126	POPPLE, CHARLIE
128	FINANCIAL SPECIALISTS INC
136	ARKIN, BRIAN S
202	VORACHAK, K
208	ALMANZA, B
	SONGTANTARUK, L
214	PERES, S
218	GALLENBERG, RAYMOND R
222	JIMENEZ, MARIO
228	MEDINA, NINA
406	LINK, MARK L
412	DOWLING, THOMAS JR
418	MLYNAREK, GARY E
	WANASEK, L
501	GAMEZ, DEBRA
505	BRIONES, ROSARIO A
509	KETTLE MORAINE AMBULANCE
	OCCUPANT UNKNOWNN
616	CASTILLO, H
625	DIXON OIL INC
720	CALLSEN, J M
	HAWLEY, M
	LARREA, G
	MEDLER, JOHN
	NOWAKOWSKI, FRANK
905	S W CENTRIFUGAL INC
1405	AUTO TRCK RSTPRFING OF WUKESHA
	ZIEBART TIDY CAR
1409	SPOT FREE CAR WASH

Target Street Cross Street Source

- ✓ EDR Digital Archive

## **BANK ST** 1992

100	WAUKESHA STATE BANK
151	DAVIES CHARLES ATTORNEY
155	ASSOCIATED TAX SERVICES INC
	JEWELRY NOOK
157	BUCK RUB ARCHERY INC
159	PAUL S HAIR DESIGN
167	POSTAL INSTANT PRESS
210	MORTS MARKET OF WAUKESHA
313	GOODWILL INDUSTRIES SE WIS

Target Street Cross Street Source

- EDR Digital Archive

## E SAINT PAUL AVE 1992

440	0010111005
116	COLON, JOSE D
	COMO HOTEL & BAR
400	KISSINGER, ROBERT C
120	AUTOMOTIVE CLG SPCLSTS INC
202	SISAALEUMSAK, S
208	ALMANZA, B
214	PERES, S
222	JIMENEZ, MARIO
406	LINK, MARK L
418	MLYNAREK, GARY E
435	CAMPBELL, GERALD P
505	BRIONES, ROSARIO A
509	MUELLER, META
616	CASTILLO, H
	KNOLL, AMY
625	DIXON OIL INC
720	CALLSEN, J M
	GOFF, STEVEN R
	NOWAKOWSKI, F
1361	HEXT, JANET
1363	
1405	AUTO TRCK RSTPRFING OF WUKESHA
2082	BECK, J E
4182	WANASEK, L
5002	,
7203	SITTER, MARK G
7205	OLSON, TIMOTHY E
7206	CULVER, VICKY
7207	SEUBERT, MARK

**BANK ST** 1988

## BANK ST -FROM W BROADWAY NORTHEAST

ZIP	COL	E	531	86
	VUL		UUI	UU

- 100 Waukesha State Bank 549-8500
- 151 Davies Charles M lwyr 544-4046
- 155 Clark's Framing-Photo Country Store film processing 549-3736
- 157 Buck Rub Archery Inc 547-0535
- 159 Paul's Hair Design 549-1400
- 167 Pip Printing 549-5511
  Pill & Puff Health & Beauty Aids
  547-7520
- 210 Sentry Foods 547-5513
- 313 Goodwill Industries Store used mdse 549-5666

Source Wright's City Directory

E SAINT PAUL AVE

1988

## ST PAUL AV E -FROM 200 MADISON NORTHEAST

ZIP	CO	DE	591	96
ZIF	UU	DL	TOU	OU.

- 108★Bailey Jack
- 110 Baer Ronald A
- 116 Como Hotel & Tavern 547-6500
- 120 Automotive Cooling Specialties auto radiator-aircondtr repr 542-4949
- 126 Vacant
- 128 Pokrandt Alignment & Spring Service auto alignment 547-7930
- 136 Apartments
  - 1 Hext Janet A 542-3195
  - 2 Penning David A 547-5829
  - 3 Penning John R

### BROOK ST INTERSECTS

- 202★Saysana Siphanh 549-1205
- 207 Waukesha State Bank (Sub Ofc)
- 208 Almanza Vitalia B 547-6648
- 2081/2 Beck Jeanette 548-9532
- 214 Peres Sandra Mrs @ 549-6299
- 218 Gallenberg Norbert R @ 542-0198
- 222 Jimenez Mario @ 549-1068
- 223 Waukesha State Bank (Sub Ofc)
- 228 Vacant
  - MARY ST INTERSECTS
- 314 Vacant
  - BARSTOW ST INTERSECTS

5575612.5 Page: A13

1

Wright's City Directory

**BANK ST 1983** 

## BANK ST —FROM W BROADWAY NORTHEAST

## ZIP CODE 53186

- 100 Waukesha State Bank 549-8500
- 149 Star Sales Associates mfr rep 544-5038
- 151 Davies Charles M lwyr 544-4046
  Schober Thos cpa 544-9733
- 155 Bank St Photo film processing 544-6594
- 157 Buck Rub Archery Center 547-0535
- 159 Haircraft II beauty shop 549-1400
- 161 One Hour Fabricare Dry Cleaners . 544-5001

IU

E SAINT PAUL AVE

1983

## ST PAUL AV E —FROM 200 MADISON NORTHEAST

ZIP CODE 53186

- 108 Jones Lee
- 110 Boettcher Geraldine R Mrs 547-9184
- 116 Como Hotel & Tavern 547-6500
- 120 Automotive Cooling auto radiatoraircondtr repr 542-4949
- 126 Vacant
- 128 Pokrandt Alignment & Spring Service auto alignment 547-7930
  - 1 Herman T M 544-0934
  - 2 Brandt Cheryl 547-4556
  - 3 Penning John R 544-6274

**BROOK ST INTERSECTS** 

- 202 Khantivong Sisavanh 547-1065
- 207 Waukesha State Bank (Sub Ofc)
- 208 Almanza Vitalia B 547-6648
- 2081/2 Beck J E 548-9532
- 214 Hinojose Stephanie © 542-9052
- 218 Gallenberg Norbert R © 542-0198
- 222 Briones Jose © 544-5328
- 223 Waukesha State Bank (Sub Ofc)
- 228 Di Brito Leonard © 549-5493 MARY ST INTERSECTS
- 314 Vacant BARSTOW ST INTERSECTS

**BANK ST** 

1

# BANK ST -FROM W BROADWAY NORTHEAST

**ZIP CODE 53186** 

- 100 Waukesha State Bank 542-4221
- 151 Adelman Laundries & Dry Cleaners (Br) 542-4810

Adelman Shoe Repair 542-4810

- 155 Vacant
- 157 Waukesha Archery Center Inc 547-0535
- 159 Vanity Box beauty shop 549-1400
- 167 Van Elsen's Pharmacy 547-2461
- 210 Sentry Foods gros 547-5513
- 313 Farm & Fleet genl mdse 544-5486

1978

#### E SAINT PAUL AVE

116	Como	Hot	el &	T	avern	547-	6500
	Hawk	ins I	Paul	E	547-6	500	

- 120 Yellow Cab Co (GAR)
- 126 Vacant
- 128 Poke andt Alignment & Spring Service auto repar 547-7930
- Weber Wm 544-9078
  BROOK ST INTERSECTS
- 202 Boettcher Fred Jr @ 547-8118
- 207 Waukesha State Bank (Sub Ofc)
- 208 Almanza Vitalia B 549-1189
- 208½ No Return
- 214 Hinojose Stephanie © 542-9052
- 218 Gallenberg Norbert R @ 542-0198
- 222 Demmitt Anna M 542-6935
- 223 Waukesha State Bank (Sub Ofc)
- 228 Benzinger Richd A @ MARY ST INTERSECTS

**BANK ST 1973** 

1

## BANK ST —FROM W BROADWAY NORTHEAST

**ZIP CODE 53186** 

- 100 Waukesha State Bank 542-4221
- 151 Adelman Laundries & Dry Cleaners (Br) 542-4810 Adelman Shoe Repair 542-4810
- 155 Kindy Optical Co optns ret 542-2434
- 157 Waukesha Archery Center 547-0535
- 159 Beauty Spot 542-5016
- 167 Van Elsen's Pharmacy 547-2461
- 210 Sentry Foods 547-5513
- 313 Vacant

14

1973

# ST PAUL AV E —FROM 200 MADISON NORTHEAST

ZIP CODE 53186

108 Cox Plumbing Co 542-6921

110 Boettcher Bruce 547-9184

116 Como Hotel & Tavern

547-6500

120 Yellow Cab Co (GAR)

5575612.5 Page: A19

I

E ST PAUL AV—Contd
127 Vacant
128 Pokrandt Alignment & Spring
Service auto repr 547-7930
136 * Yeroshek E Mrs 547-1967
Rego Anthony L 542-3938
Rear Hansen Viola B Mrs
547-2191
BROOK ST ENDS
202 Boettcher Fred J 547-8118
208 Lewis Wm G 547-4525
Almanza Vitalia B 547-6648
213 Waukesha Auto Trim
542-5688
214 Hinojose Stephanie ©
542-9052
217 Vacant
218 Rodriguez Cirilo © 542-2197
222 Demmitt Anna M 542-6935
228 Benzinger Richd A @
547-2035
MARY BEGINS
229 Challenger Battery Service
547-3854

Source
Wright's City Directory

**BANK ST 1968** 

1

BANK. ST -FROM W BROADWAY NORTHEAST

---ZIP CODE 53186 100 WAUKESHA STATE BANK

542-4221

151 ADELMAN LAUNDRIES & DRY CLEANERS (BR)

542-4810

ADELMAN SHOE REPAIR

542-4810

155 KINDY OPTICAL CO OPTNS

RET 542-2434

157 STAN'S BROKEN ARROW

ARCHERY LANES

547-6640

159 LEE'S BEAUTY SALON

542-5016

167 VAN ELSEN REXALL

PHARMACY 547-2461

210 SENTRY FOODS GRO

547-5513

313 A & P FOOD STORE GRO

547-9605

10

ST PAUL AV E -FROM 200 MADISON NORTHEAST

---ZIP CODE 52186

108 COX GEORGE R PLUMBING & HEATING CO 542-6921

110 BOETTCHER BRUCE

547-9184

116 COMO HOTEL & TAVERN 547-9818

120 YELLOW CAB CO (GAR)

126 ROTH MARTIN R

128 POKRANDT ALIGNMENT SERVICE AUTO REPR

547-7930 136 THOMAS WILLIS L

542-9261

REGO ANTHONY L

542-3938

REAR HASEN VIOLA B MRS

547-2191

--- BROOK ST ENDS 202 BOETTCHER FRED J .

547-8118

208 LEWIS WM G 547-4525

MASSETH ERMA

213 WAUKESHA AUTO TRIM 542-5688

214 NO RETURN

217 VACANT

218 RODRIGUEZ SIRELO .

542-3690

222 DEMMITT ANNA M .

542-6935

228 ZIRBEL ERVIN R .

542-3173

--- MARY BEGINS

229 CHALLENGER BATTERY SERVICE 547-3854

314 BARSTOW SCHOOL

547-8176

400 SHORES BESSIE MRS .

542-1327

406 VILLARREAL MANUEL .

542-3547

MARINO LUIS

542-5016

**BANK ST 1964** 

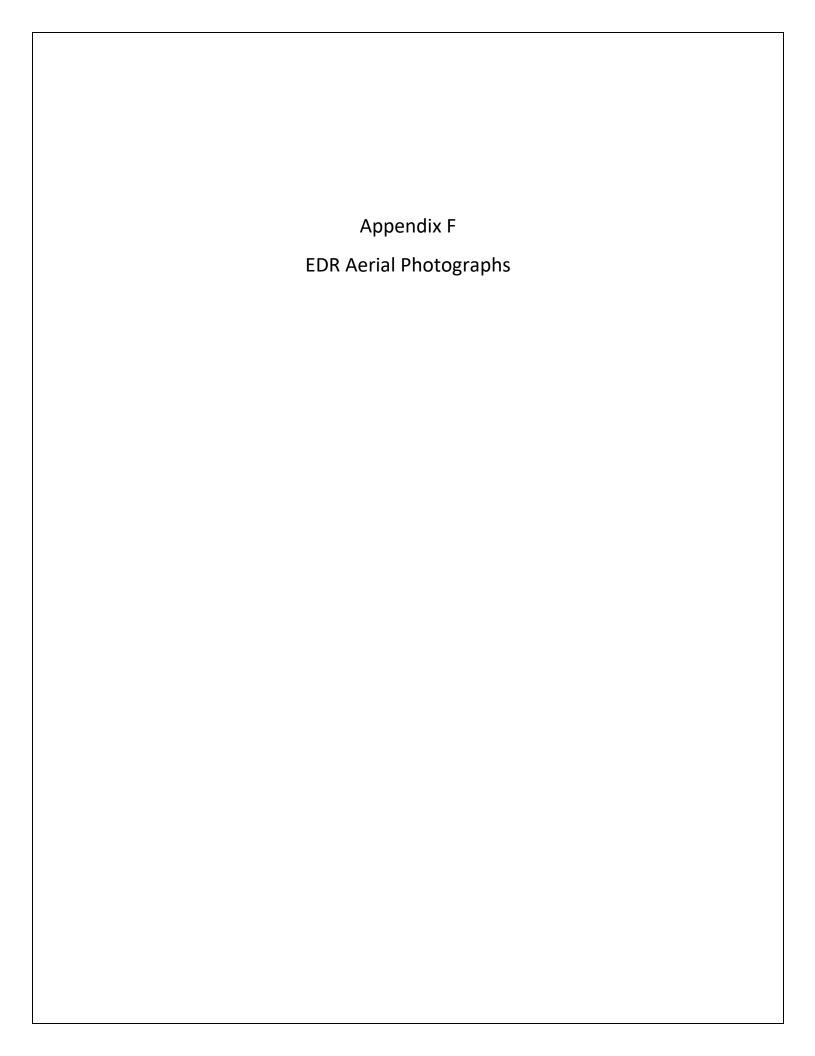
# BANK—From W Broadway northeast (formerly Cherry) 100 Waukesha State Bank 542-4221 151 Adelman Associates clo clns 542-4810 Adelman Laundry & Dry Clns 542-4810 Adelman Shoe Repair 542-4810 155 Kindy Optical Co optns 542-2434 157 Vacant 159 Meritt J Beauty Salon

**BANK ST 1964** 

BANK—Contd
167 Hoeveler Rexall Drug Co
547-7034
210 Sentry Foods gro 542-4320
313 A&P Food Stores gro 542-7227

4

10
ST PAUL AV E — From 200 Mad-
ison northeast
108 Cox Geo R contr plmb
542-6921
110 Vetta Jos A 547-7815
116 Como Hotel & Tavern
547-9818
120 Yellow Cab Co garage
126 Pokrandt Walter G blksmith
547-7930
Duehring Ella Mrs 547-4940
128 Pokrandt Alignment Service
547-7930
136 Rego Anthony L 542-3939
Rogers Larry D 542-8658
Trombley Wm G
142 Kuhr Raymond W @ 547-4752
Dixon Merle
202 Boettcher Fred J @ 547-8118
203 Challenger Battery Serv
547-3854
208 Boettcher Raymond 547-7173
Honeyacher Joyce 542-7475
214 Champan Emily Mrs @
542-2375
217 Wonderene Co soaps and clns
whol and ret 547-5131
218 Boettcher Emil © 547-3318
222 Demmitt Anna M @ 542-6935
Hauk Jos M jr 542-6935
228 Zirbel Ervin R @ 542-3173
229 Vacant
Mary begins
N Barstow intersects



#### East St. Paul Avenue

East St. Paul Avenue Waukesha, WI 53188

Inquiry Number: 5575612.8

February 28, 2019

# The EDR Aerial Photo Decade Package



#### **EDR Aerial Photo Decade Package**

02/28/19

Site Name: Client Name:

East St. Paul Avenue Sigma Env. Services, Inc.
East St. Paul Avenue 1300 W. Canal Street
Waukesha, WI 53188 Milwaukee, WI 53233
EDR Inquiry # 5575612.8 Contact: Dale Palkowski



Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

#### Search Results:

<u>Year</u>	<u>Scale</u>	<u>Details</u>	Source
2017	1"=500'	Flight Year: 2017	USDA/NAIP
2013	1"=500'	Flight Year: 2013	USDA/NAIP
2010	1"=500'	Flight Year: 2010	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
2000	1"=500'	Acquisition Date: March 31, 2000	USGS/DOQQ
1992	1"=500'	Flight Date: April 12, 1992	NAPP
1987	1"=500'	Flight Date: June 04, 1987	NHAP
1980	1"=500'	Flight Date: October 21, 1980	NHAP
1979	1"=500'	Flight Date: September 22, 1979	USDA
1969	1"=500'	Flight Date: June 13, 1969	ASCS
1963	1"=500'	Flight Date: August 20, 1963	USDA
1955	1"=500'	Flight Date: April 08, 1955	USGS
1950	1"=500'	Flight Date: September 05, 1950	USDA
1937	1"=500'	Flight Date: August 05, 1937	USDA

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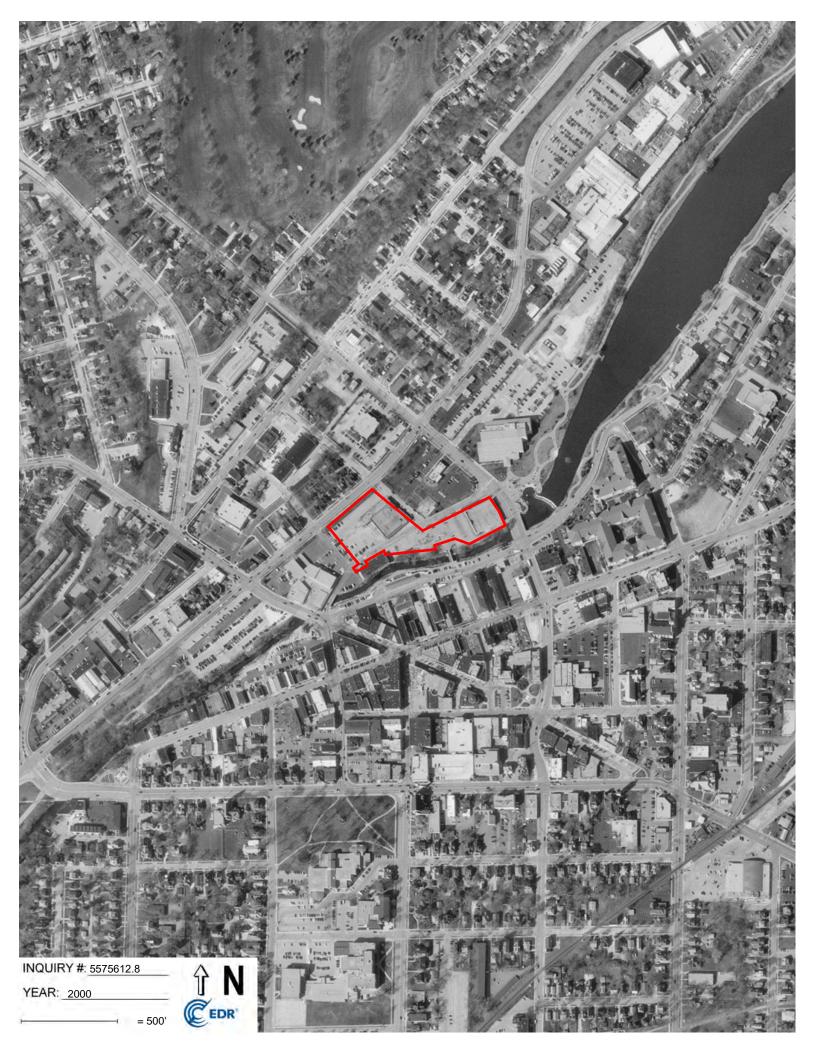
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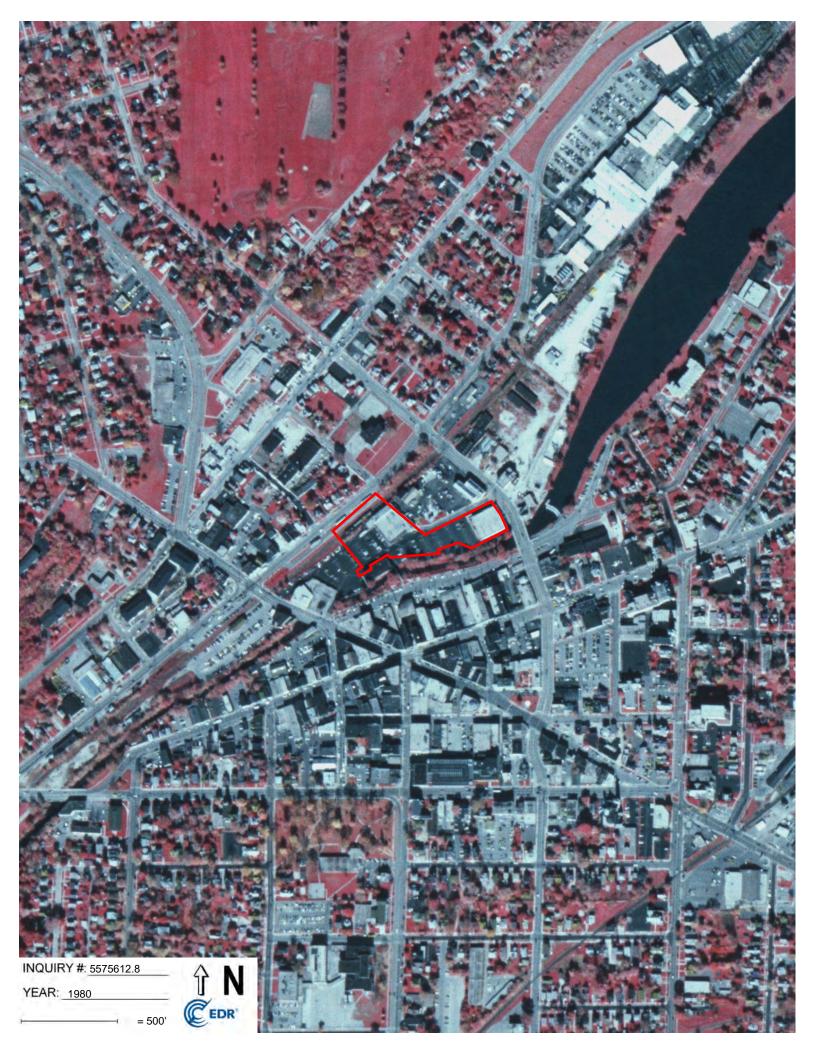


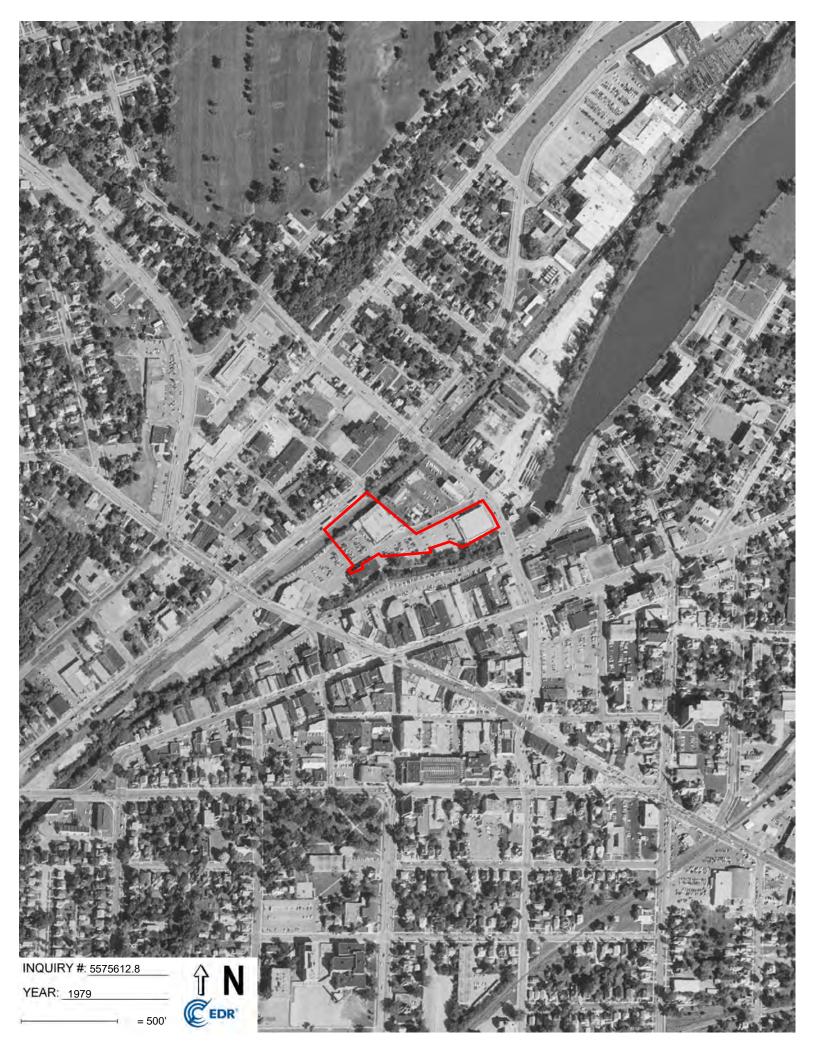


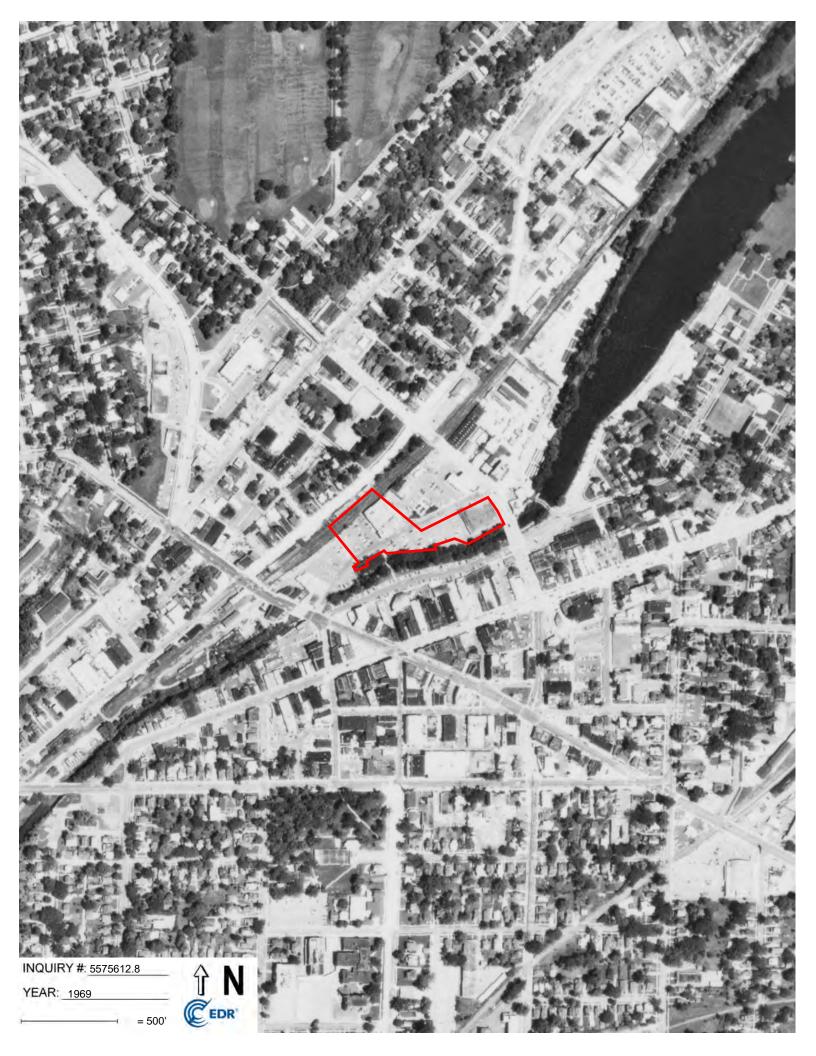


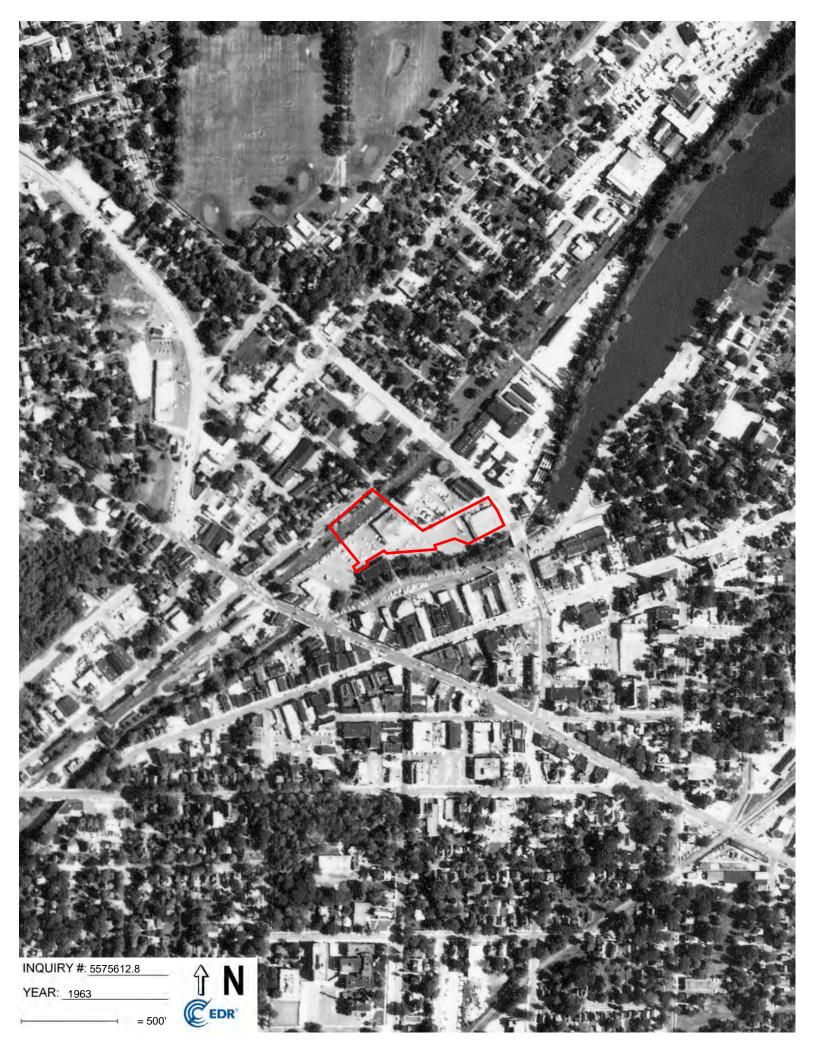


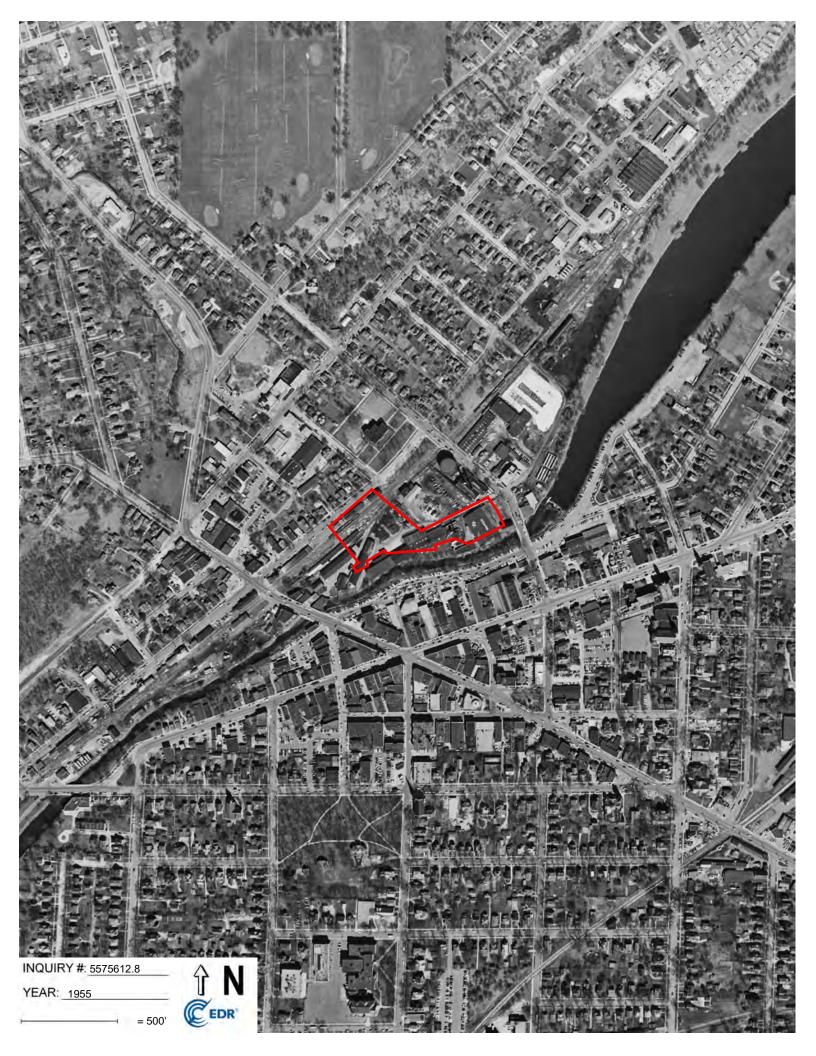


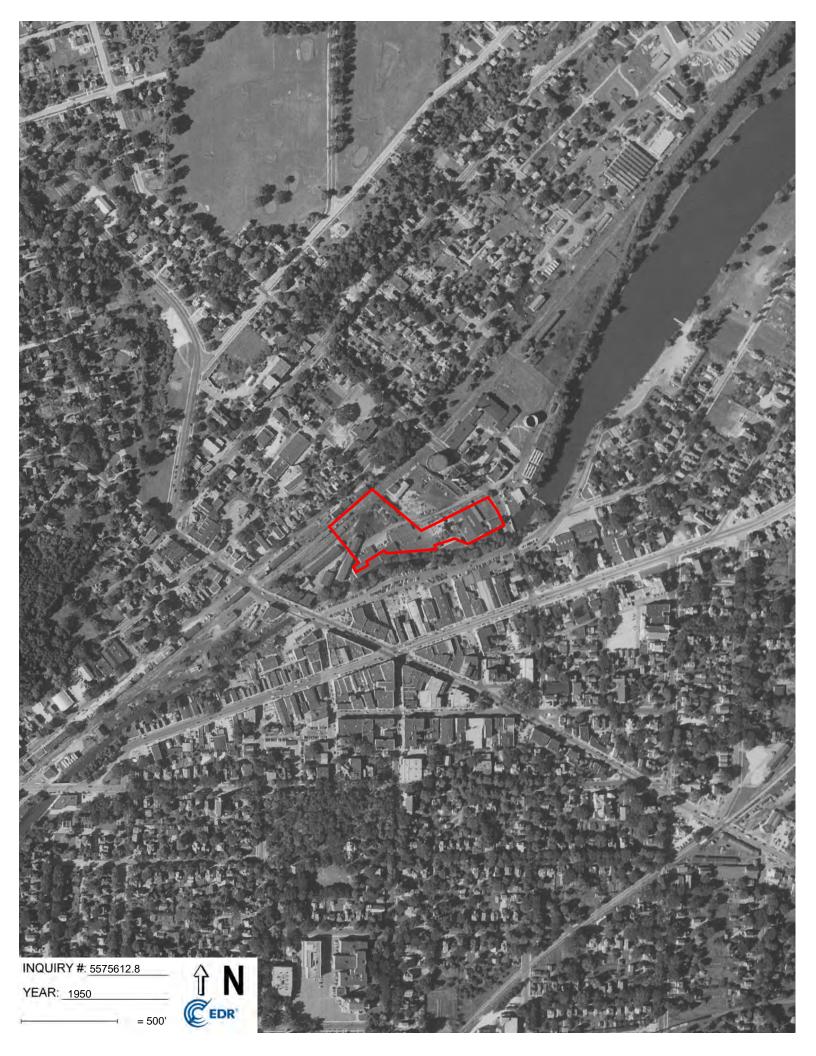


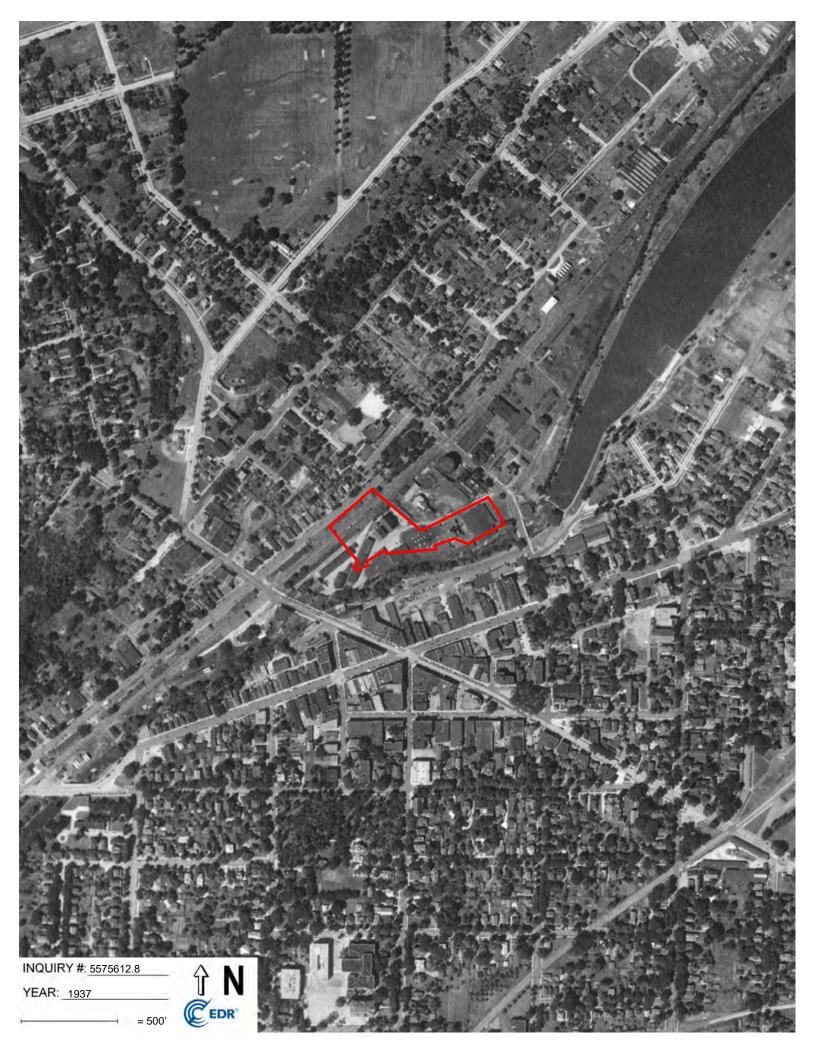


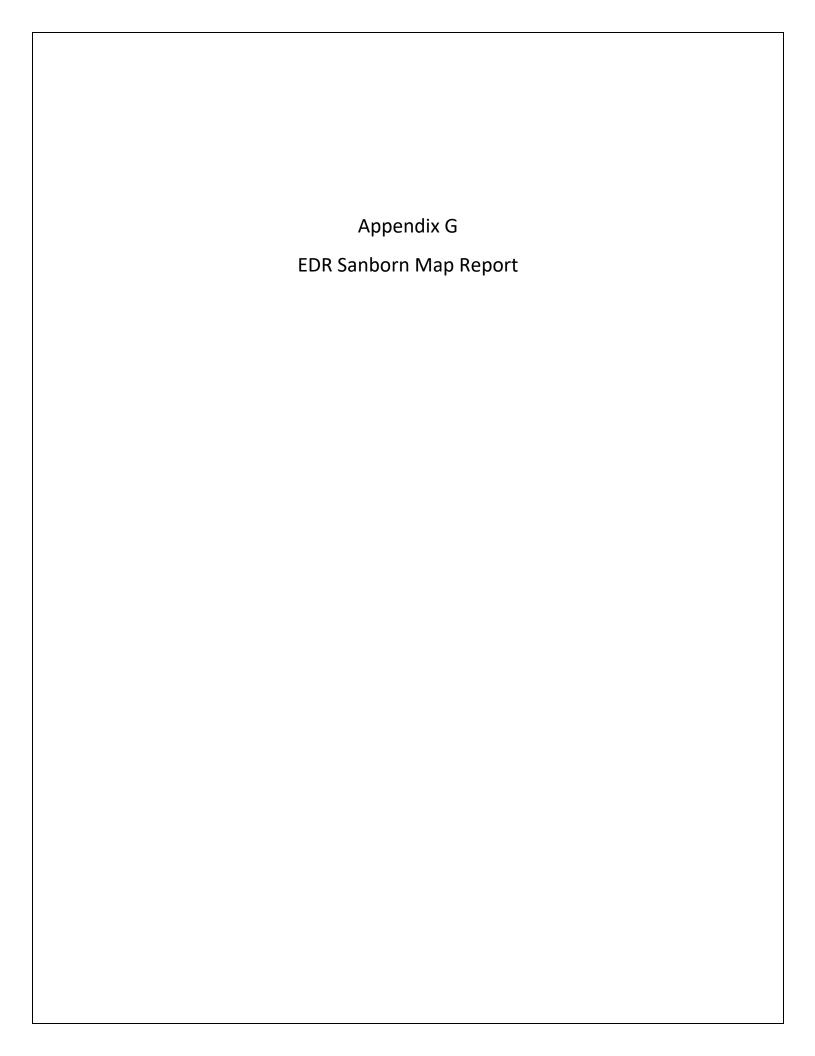












East St. Paul Avenue East St. Paul Avenue Waukesha, WI 53188

Inquiry Number: 5575612.3

February 28, 2019

# **Certified Sanborn® Map Report**



6 Armstrong Road, 4th floor Shelton, CT 06484 Toll Free: 800.352.0050 www.edrnet.com

#### **Certified Sanborn® Map Report**

02/28/19

Site Name: Client Name:

East St. Paul Avenue Sigma Env. Services, Inc.
East St. Paul Avenue 1300 W. Canal Street
Waukesha, WI 53188 Milwaukee, WI 53233
EDR Inquiry # 5575612.3 Contact: Dale Palkowski



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Sigma Env. Services, Inc. were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

#### Certified Sanborn Results:

Certification # 1C3D-4C4F-BF67

17345

PO# NA

#### **Maps Provided:**

**Project** 

1970 1890 1949 1884 1929 1922

1917 1911 1901

1895

Sanborn® Library search results

Certification #: 1C3D-4C4F-BF67

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris &

fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

University Publications of America

EDR Private Collection

The Sanborn Library LLC Since 1866™

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page 2

#### Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



#### 1970 Source Sheets



Volume 1, Sheet 4 1970



Volume 1, Sheet 6 1970

#### 1949 Source Sheets



Volume 1, Sheet 4 1949



Volume 1, Sheet 6 1949

#### 1929 Source Sheets



Volume 1, Sheet 4 1929



Volume 1, Sheet 6 1929

#### 1922 Source Sheets



Volume 1, Sheet 4 1922



Volume 1, Sheet 5 1922

#### Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



#### 1917 Source Sheets



Volume 1, Sheet 4 1917



Volume 1, Sheet 6 1917

#### **1911 Source Sheets**



Volume 1, Sheet 3 1911



Volume 1, Sheet 6

#### 1901 Source Sheets



Volume 1, Sheet 2 1901



Volume 1, Sheet 4 1901

#### 1895 Source Sheets



Volume 1, Sheet 4 1895



Volume 1, Sheet 2 1895

#### Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.



#### 1890 Source Sheets



Volume 1, Sheet 2 1890



Volume 1, Sheet 4 1890

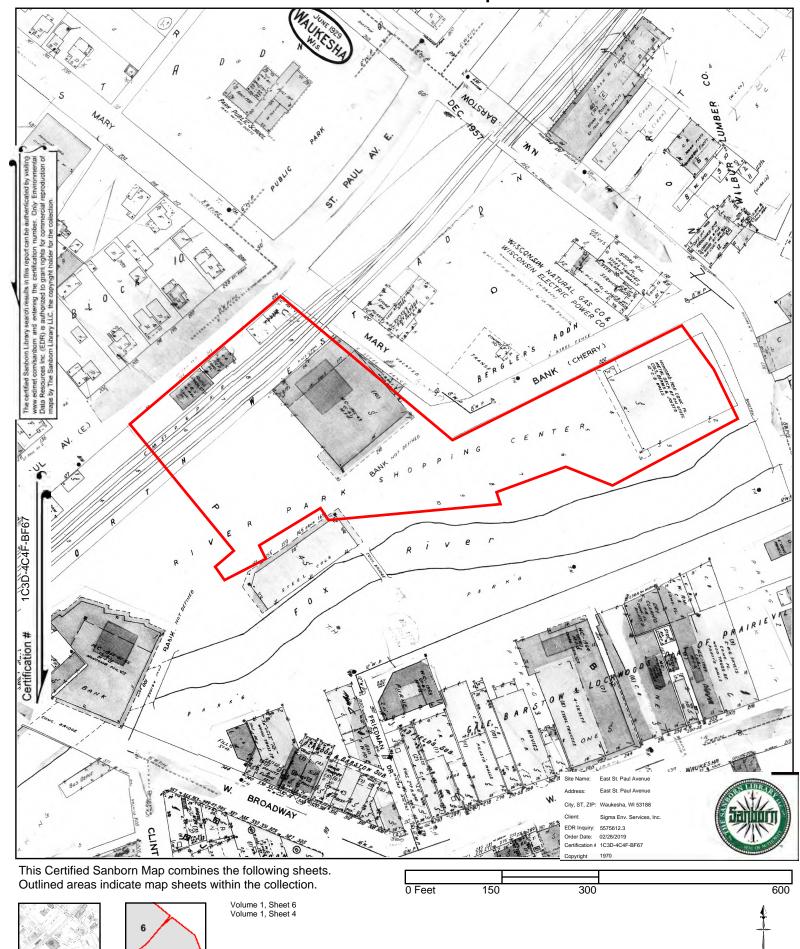
#### **1884 Source Sheets**



Volume 1, Sheet 1 1884

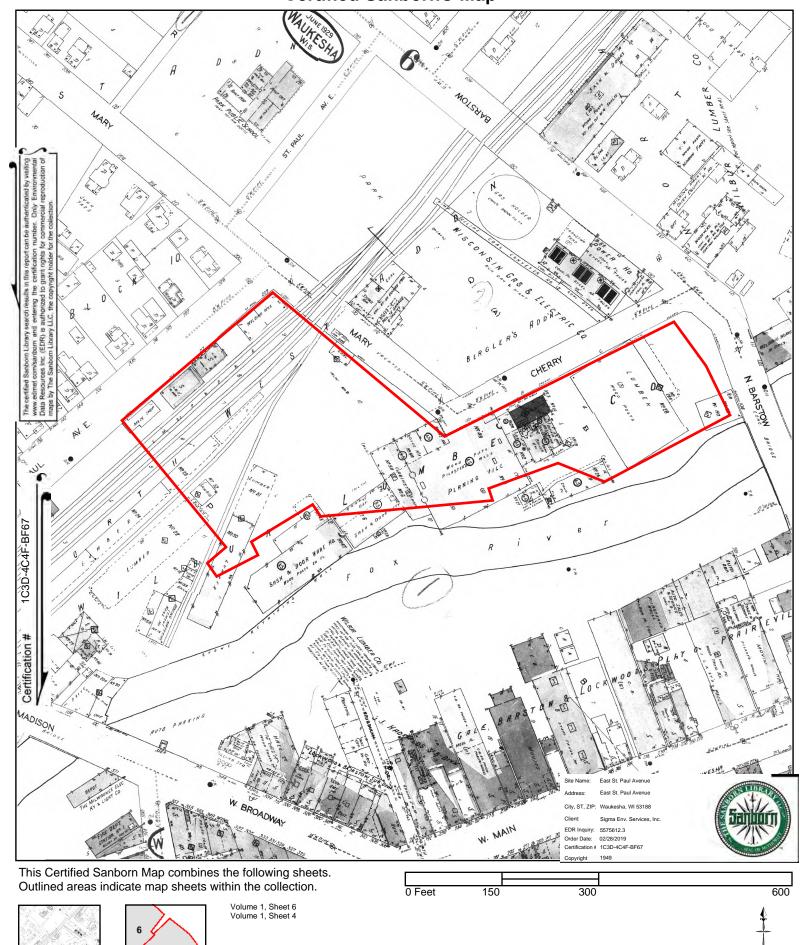






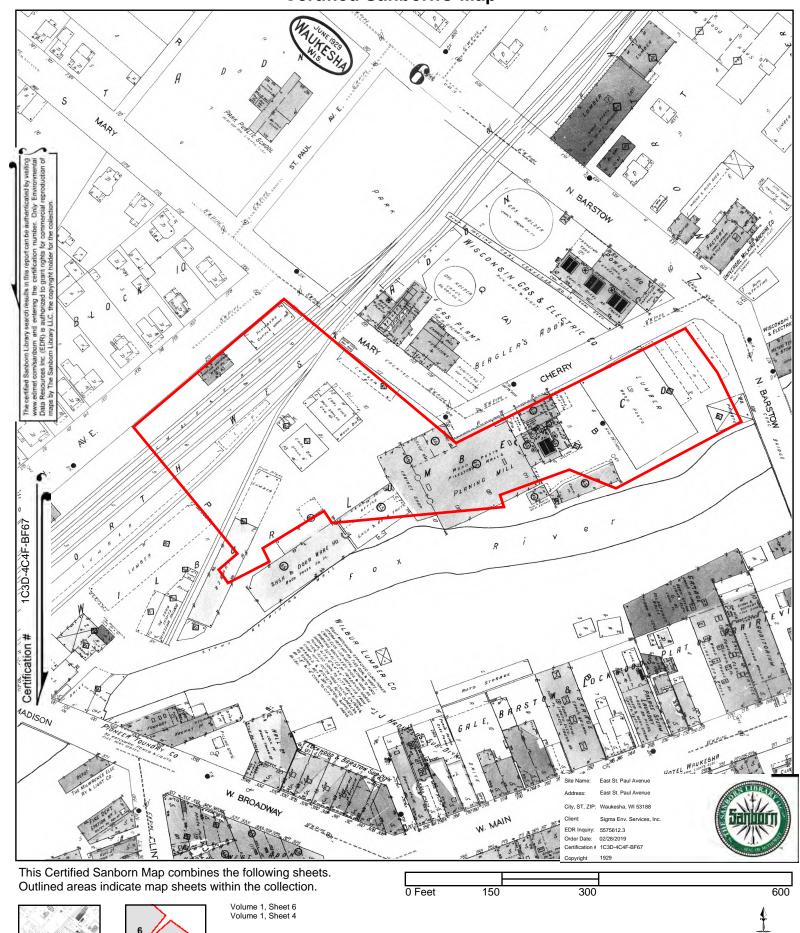
5575612 - 3 page 6











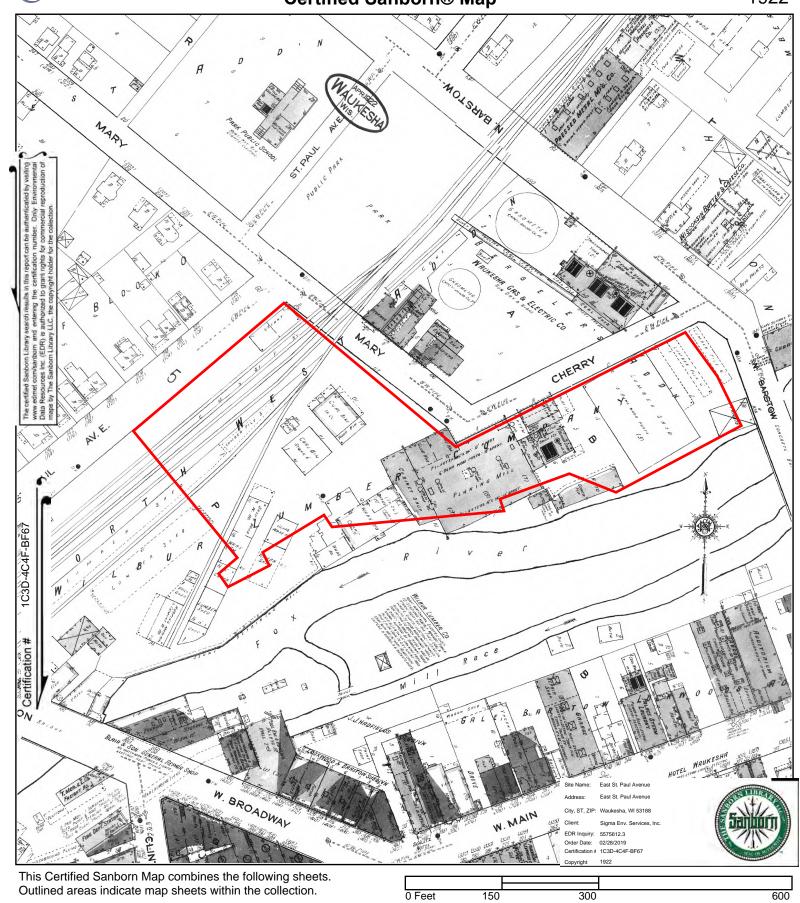




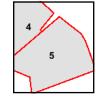




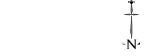




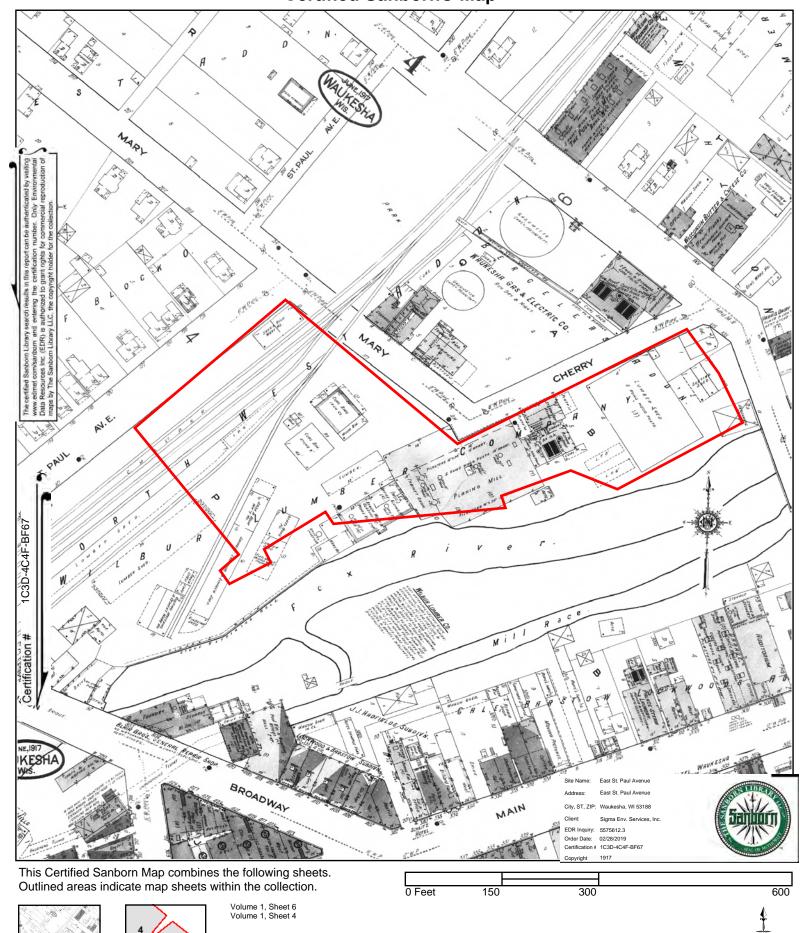




Volume 1, Sheet 5 Volume 1, Sheet 4





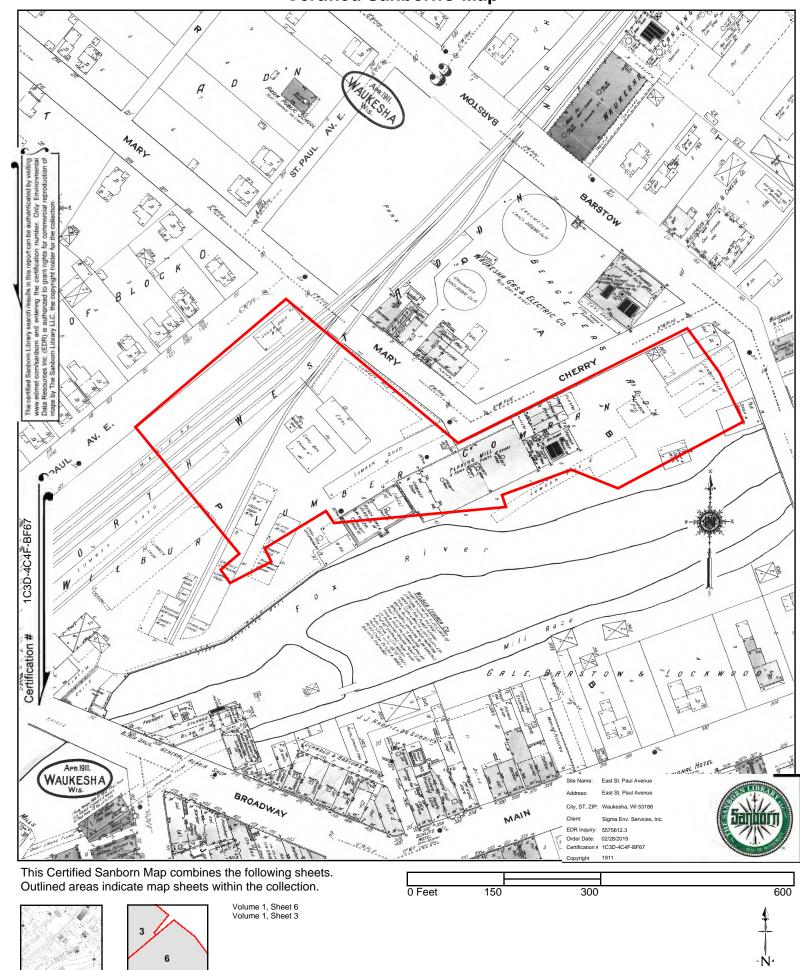




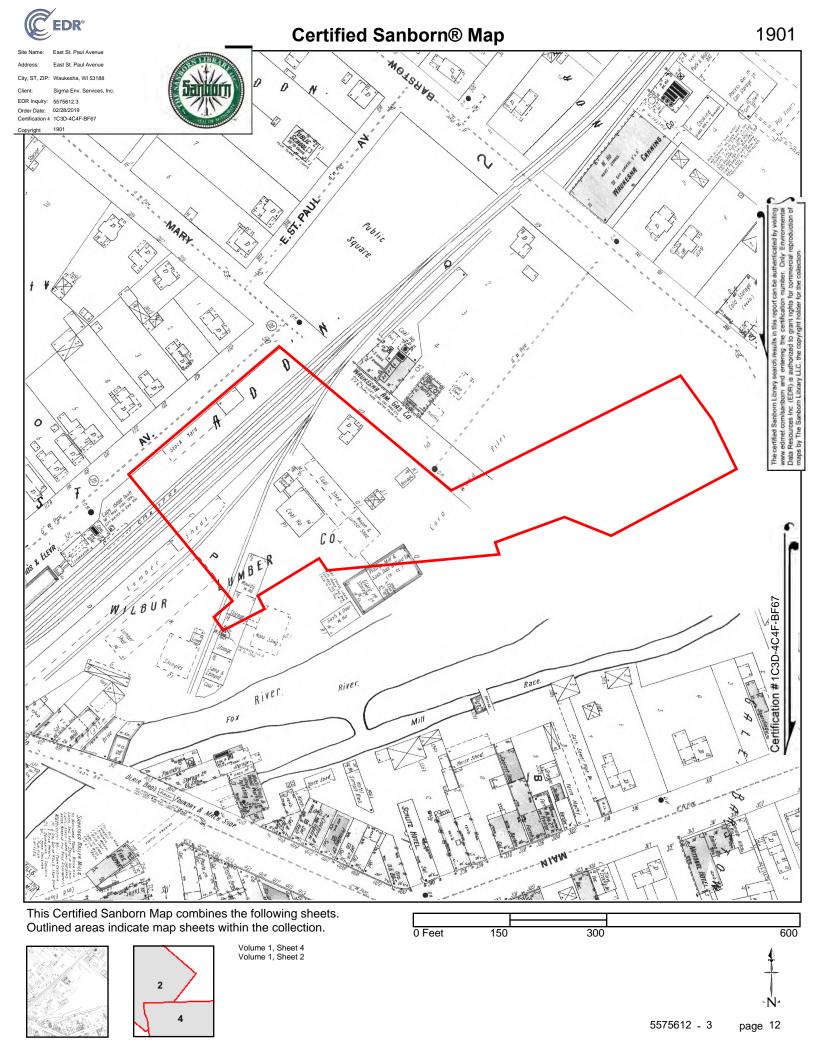


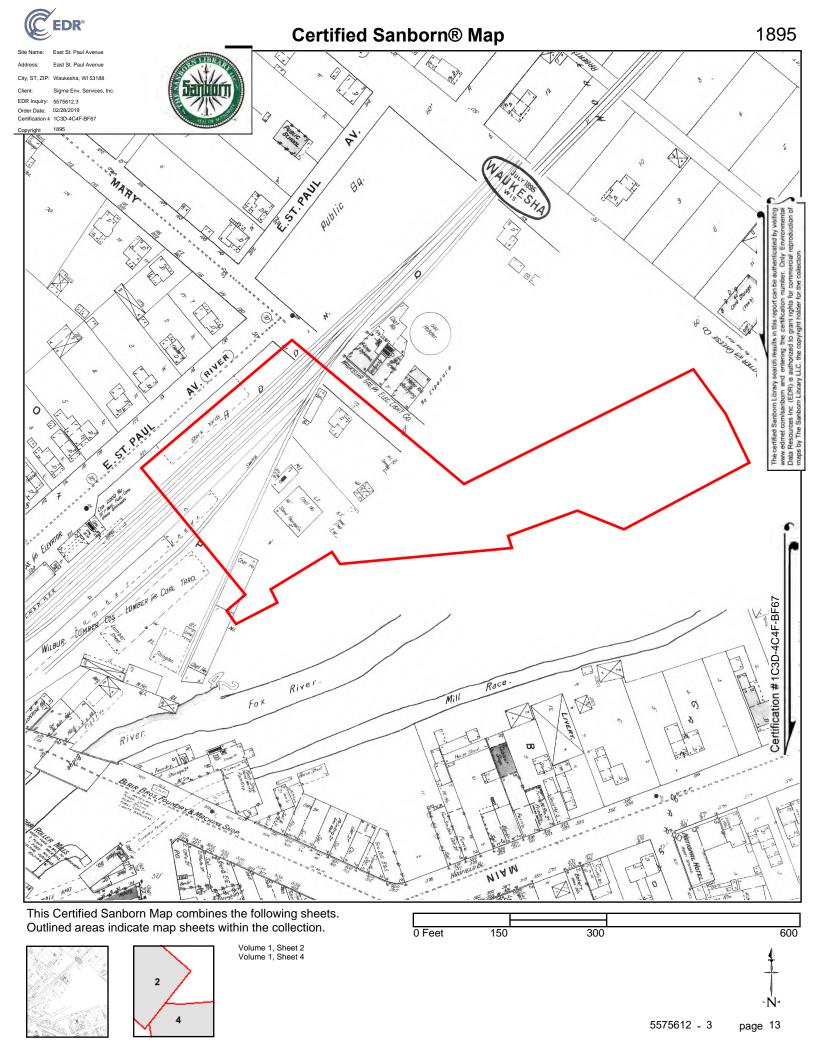
page 10

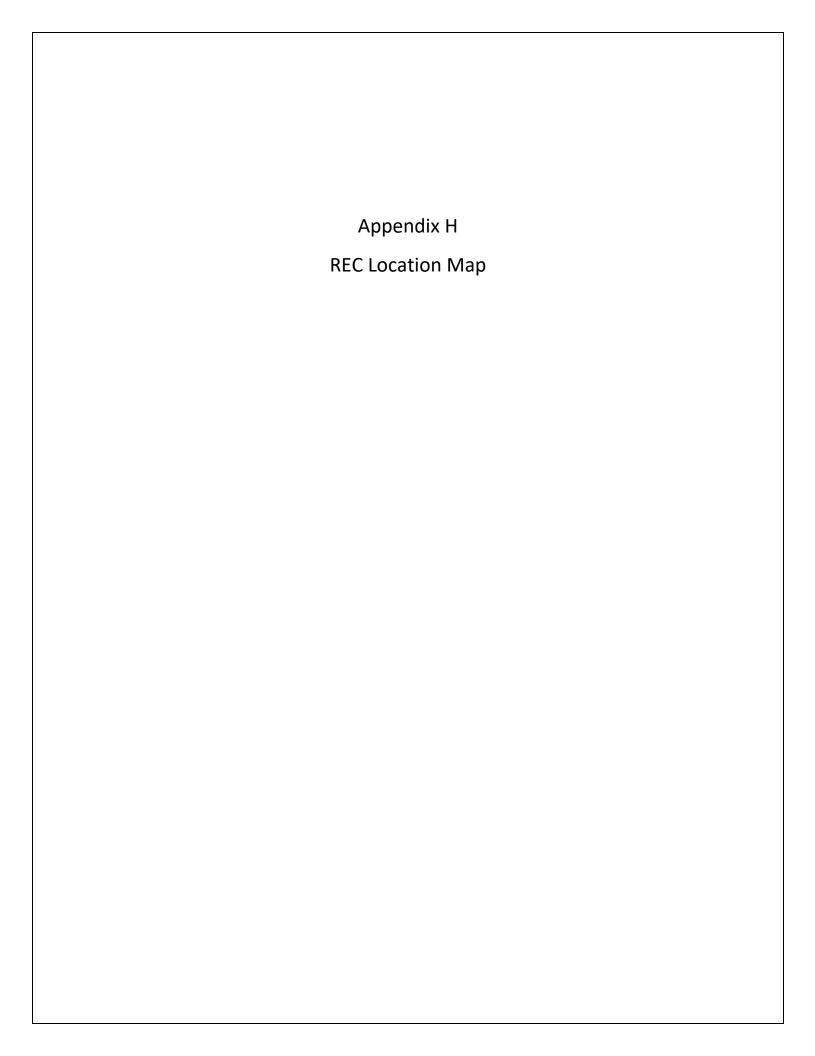


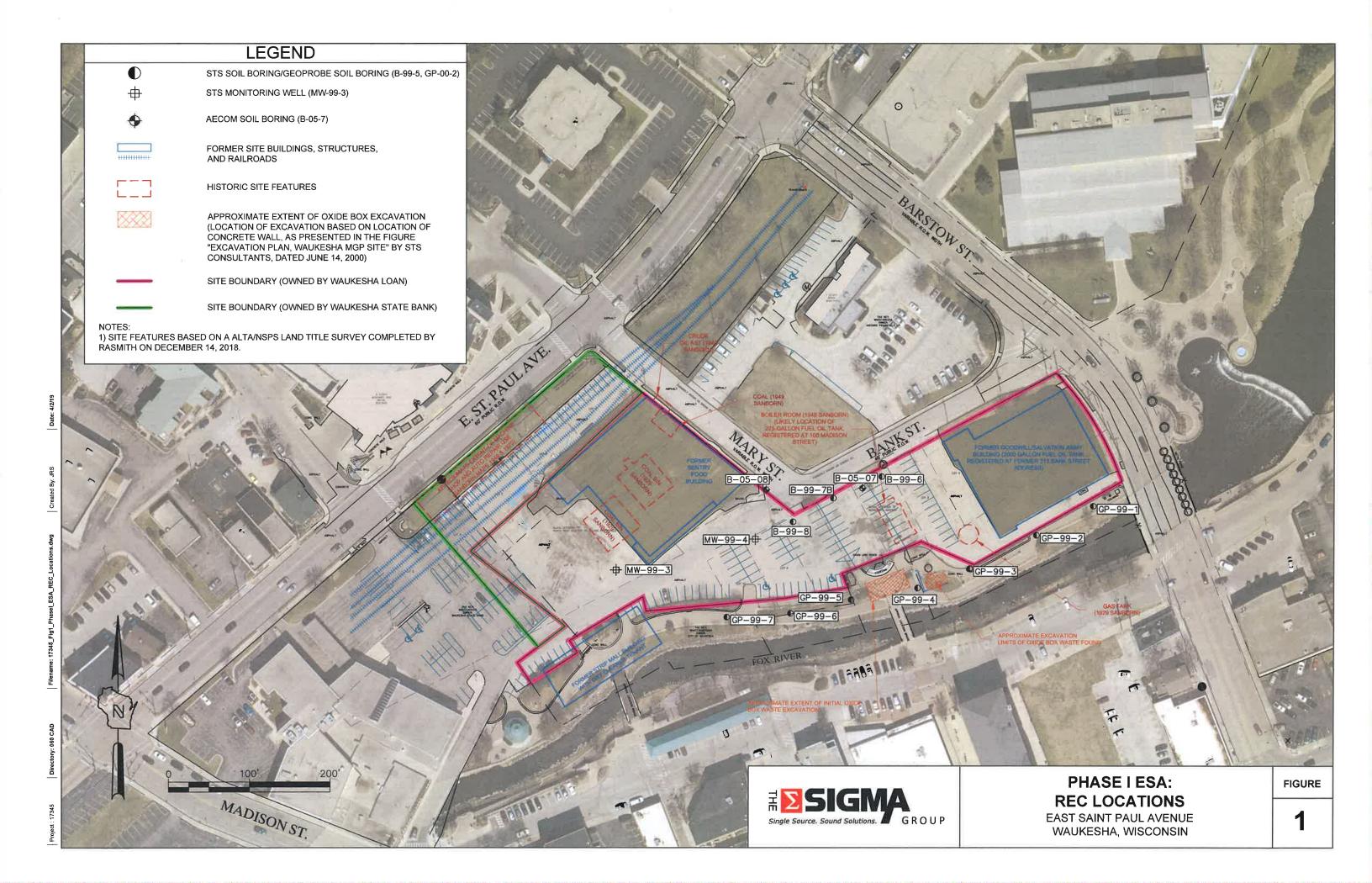


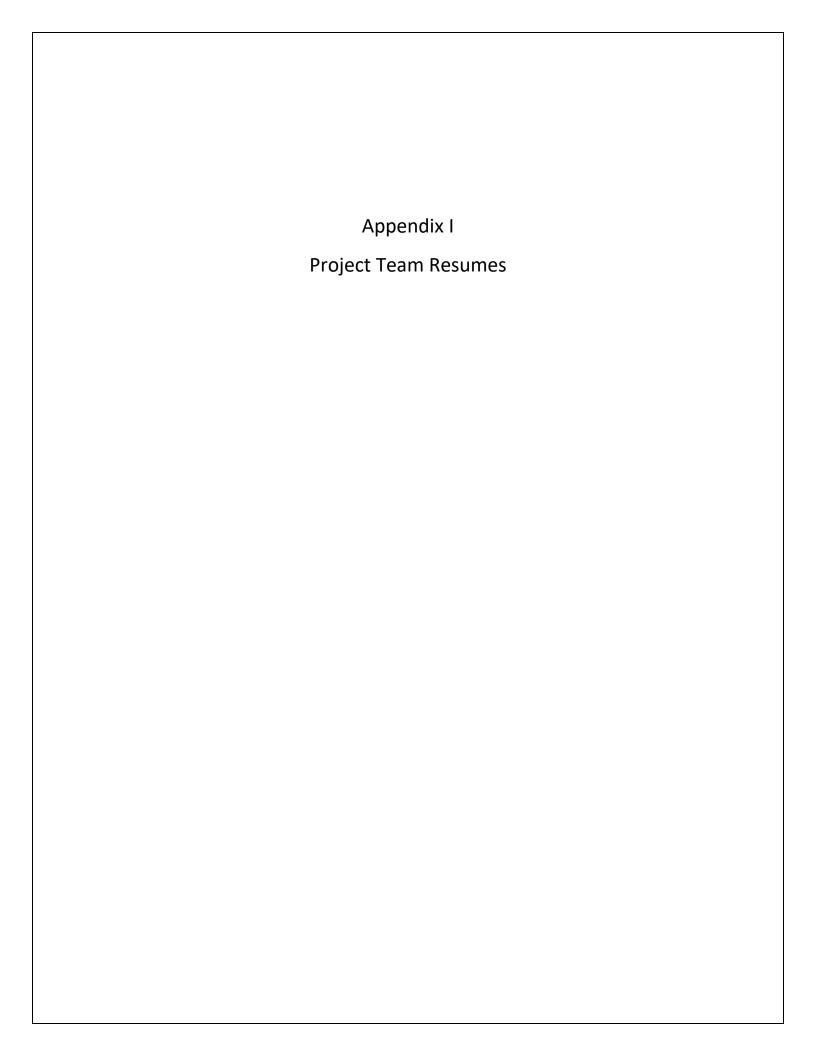
5575612 - 3 page 11













### Dale R. Palkowski Project Scientist

#### **Professional Profile**

Dale is a Project Scientist, responsible for coordinating and managing Phase I Environmental Site Assessments, and wastewater compliance programs. He assists in the development of process designs and technical approaches and manages project activities. Dale has over 25 years of experience in the environmental consulting industry.

#### Area of Expertise

- Environmental Site Assessments
- Wastewater Compliance Management

#### Registrations / Certification

- Site Assessor, Wisconsin No. 00560
- OSHA 40-Hour Health & Safety Training

#### **Education / Training**

 B.S. in Business Administration, Marquette University-Milwaukee, Wisconsin, 2002

#### **Professional Affiliations**

■ Federation of Environmental Technologists

#### **Representative Experience**

#### Phase I ESA Management, Various Clients

Project manager coordinating and managing over 1,000 Phase I ESAs in Wisconsin and other locations in the United States, Dale has researched historical operations and state and municipal record databases in addition to site reconnaissance to evaluate business environmental risk.

## Leaking Underground Storage Tank Management Various Clients

Field Supervisor for over 50 leaking underground storage tank projects. Responsibilities included project coordination of monitoring well development, sampling, surveying and abandonment.

#### Wastewater Compliance Management, Various Clients

Project Manager in charge of wastewater compliance for facilities throughout Wisconsin and Illinois. Responsibilities include coordinating and managing wastewater compliance for more than 100 industries.

#### Hazardous Material Spill Management, Various Clients

Response Manager in charge of coordinating field activities for a variety of hazardous material spill responses. Supervised the cleanup of leaking drums from transportation accidents and pipeline releases.

#### City of Milwaukee

Project Supervisor on a chromium decontamination of a four-story building for the City of Milwaukee. Responsibilities included project coordination and supervision of the removal and disposal of over 140-tons of contaminated building materials.

#### **Argonne National Laboratory**

Project Supervisor for an extensive wastewater investigation at a national research facility in western Chicago. Responsibilities included project coordination, development and design of wastewater monitoring locations, and collection of wastewater samples and flow data.

#### Town of Bristol

Project Supervisor for an ongoing wastewater monitoring project in a southeastern Wisconsin town utilizing U.S. Environmental Protection Agency and Wisconsin Department of Natural Resources protocol. Responsibilities include project coordination and preparation and collection of wastewater samples from more than 50 separate industries.

#### Palmer-Snyder, Inc.

Assisted in the design and implementation of a three-stage parts washer treatment system that resulted in "zero discharge" to the sanitary sewer system, reduced raw material costs, improved washer quality, and increased productivity for a furniture manufacturer.



#### **Professional Profile**

Randy is a Senior Project Manager, responsible for the efficient and effective operation of The Sigma Group Geosciences Department. In this role, he has overall responsibility for identifying project and client objectives and planning investigation and remediation strategies for soil and groundwater contaminated sites. He has more than 30 years' experience in the geological and management disciplines and has provided technical consulting services for a wide variety of municipal clients and private sector industrial and non-industrial clients.

#### Area of Expertise

- Remediation System Design
- Development of Site Closure Strategies

#### Registrations / Certification

- Professional Geologist, Wisconsin No. G-844
- OSHA 40-Hour Health & Safety Training

#### **Education / Training**

- B.S. in Geology, University of Wisconsin-Madison, 1986
- B.S. in Economics, University of Wisconsin-Madison, 1980
   Professional Affiliations
- National Groundwater Association

#### **Representative Experience**

#### Investigation and Remediation

- Project Manager for large hydrocarbon terminal project where 950,000 gallons of product was released from an aboveground storage tank system. Work activities included development of remedial investigation work plan, completion of phased soil and groundwater investigation, and development of comprehensive remedial action plan. Negotiated with the regulatory agency to control/remediate the on-site hydrocarbon source area, and addressed affected soil material using in-situ bioremediation.
- Project Coordinator for Superfund landfill project in central Indiana. Soil and groundwater issues included hydrocarbon and chlorinated solvent constituents. Responsibilities included coordination and implementation of two phases of field work, data validation and analysis, and preparation of interim and final remedial investigation reports.
- Project Coordinator of extensive pesticide investigation in northwestern Wisconsin. Non-point and site-specific soil and groundwater issues resulted in contamination of numerous shallow domestic water supply wells. Remedial technologies employed included source removal and design of a large municipal well system to supplement and/or replace the individual water supplies.

# Randy E. Boness, P.G. Manager – Geosciences Group

- Project Manager performing environmental assessment activities at large paper mill company in northern Wisconsin. The constituents of concern included nitrate and sulfate. Investigation techniques included use of surface and down-hole geophysical techniques. Negotiated limited action alternatives with regulatory agency.
- Project Manager for soil and groundwater investigation involving a chlorinated solvent release in southeastern Wisconsin. A groundwater recovery and operation and maintenance program was implemented. The site is presently approaching closure status using natural attenuation as a final remedial strategy.
- Client Manager of 34 hydrocarbon contamination investigation and remediation projects for large national oil company. The project goals generally involved development of a scope-of-work that focused on obtaining site closure in an efficient and cost-effective manner. Worked with State of Wisconsin Reimbursement Program to maximize coverage of applicable site. Remedial technologies employed included groundwater/ product recovery utilizing recovery wells and trenches, vacuum-enhanced groundwater recovery, in-situ soil vapor extraction with thermal and catalytic off-gas treatment, and in-situ bioremediation.
- Coordinated and designed the investigation and remediation strategy of a former 360,000-square-foot tannery facility planned for development.
- Provided litigation support for City of Milwaukee due diligence investigation of former rail yard in the Menomonee Valley.
- Coordinated completion of the Menomonee Valley U.S. Environmental Protection Agency Brownfield Pilot Project Grant Program. The scope of work included developing a conceptual model of shallow and deep groundwater evaluating regional groundwater quality.