

Source Property Information

CLOSURE DATE: 04/09/2013

BRRTS #:

03-41-556647

ACTIVITY NAME:

FORMER FILLING STATION

FID #:

241200960

PROPERTY ADDRESS:

410 E Center St

DATCP #:

MUNICIPALITY:

Milwaukee

PECFA#:

PARCEL ID #:

3211805000

***WTM COORDINATES:**

WTM COORDINATES REPRESENT:

X:

690477

Y:

290458

Approximate Center Of Contaminant Source

Approximate Source Parcel Center

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

Please check as appropriate: (BRRTS Action Code)

CONTINUING OBLIGATIONS

Contaminated Media for Residual Contamination:

Groundwater Contamination > ES (236)

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

Contamination in ROW

Contamination in ROW

Off-Source Contamination

Off-Source Contamination

*(note: for list of off-source properties
see "Impacted Off-Source Property Information,
Form 4400-246")*

*(note: for list of off-source properties
see "Impacted Off-Source Property Information,
Form 4400-246")*

Site Specific Obligations:

Soil: maintain industrial zoning (220)

Cover or Barrier (222)

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

Direct Contact

Soil to GW Pathway

Structural Impediment (224)

Vapor Mitigation (226)

Site Specific Condition (228)

Maintain Liability Exemption (230)

*(note: local government unit or economic
development corporation was directed to
take a response action)*

Monitoring Wells:

Are all monitoring wells properly abandoned per NR 141? (234)

Yes No N/A

** Residual Contaminant Level*

***Site Specific Residual Contaminant Level*



April 9, 2013

City of Milwaukee
Attn: Karen Dettmer
809 North Broadway
Milwaukee, WI 53202

Subject: Final Case Closure with Continuing Obligations for the Former Jose Luis Vargas
Property Located at 410 East Center Street, Milwaukee, WI

FID: 241200960
BRRTS: 03-41-556647

Dear Ms. Dettmer

The Wisconsin Department of Natural Resources ("the Department") considers the former Jose Luis Vargas property 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 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 Project Manger reviewed the request for closure on February 25, 2013. The Project Manager reviewed this environmental remediation case for compliance with state laws and standards. A conditional closure letter was issued by the Department on February 25, 2013, and documentation that the conditions in that letter were met was received on April 2, 2013.

The former automotive service station had soil contamination from petroleum, lead, arsenic, and PAHs from former underground storage tanks. Environmental remediation included removal of the building, USTs, associated piping, dispenser island, and soil excavation. 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 Closure Conditions:

- Residual soil contamination exists that must be properly managed should it be excavated or removed.

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 <http://dnr.wi.gov/topic/wells/documents/3300254.pdf>, or at the web address listed below for the GIS Registry.

All site information is also on file at the WDNR Southeast Regional Headquarters off located at 2300 Dr. M. L. King Drive, Milwaukee, Wisconsin. 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 <http://dnr.wi.gov/topic/Brownfields/rrsm.html>.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which RACM and any subsequent property owners must adhere. DNR staff will conduct periodic prearranged inspections to ensure that the conditions included in this letter 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 Soil Contamination (Ch. NR 718, or Ch. 289, Stats.; chs. 500 to 536, Wis. Adm. Code)

Soil contamination remains at the soil boring locations indicated on the **attached map Figure B.2.b**. 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.

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 dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

Please send written notifications in accordance with the above requirements to the Southeast Regional Headquarters at the address located above, to the attention of the Environmental Program Assistant.

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

The Department appreciates the actions you have taken to investigate and remediate the contamination at this site. If you have any questions or comments, please feel free to contact John J. Hnat at the above address or at (414) 263-8644. Please refer to the FID number at the top of this letter

City of Milwaukee
Former Jose Luis Vargas
FID: 241200960
BRRTS: 03-41-556647

in any future correspondence. Future correspondence should be sent directly to the Remediation and Redevelopment Program Assistant Vicky Stovall (414-263-8688) at the above address.

Sincerely,



Pamela A. Mylotta
Southeast Region Team Supervisor
Remediation and Redevelopment

Enclosures: Post-Remedial Petroleum Contamination in Soil, Figure B.2.b

“Continuing Obligations for Environmental Protection”, RR-819, dated August 2012

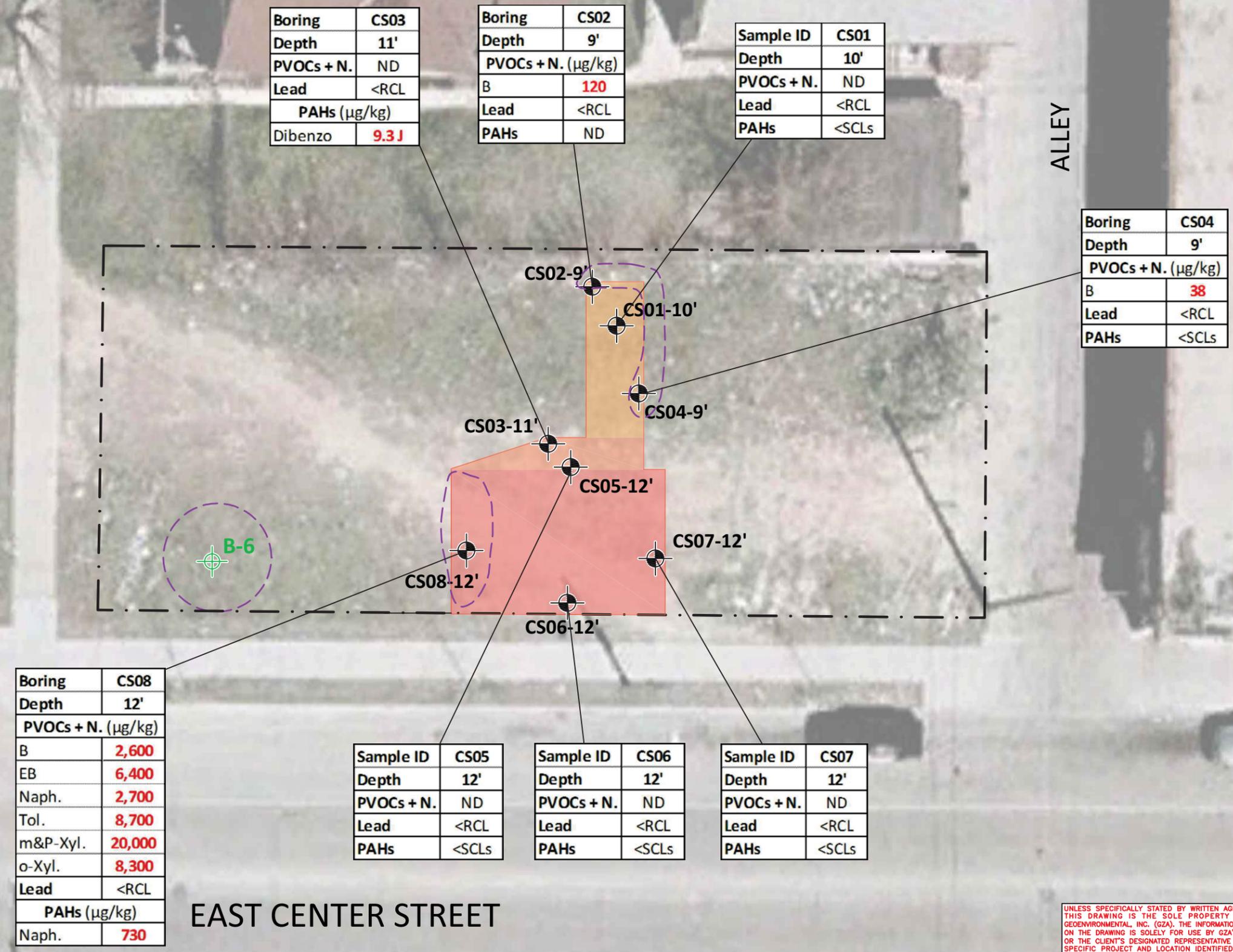
C: Jay Karls – GZA GeoEnvironmental
WDNR SER Files

©2012 - GZA GeoEnvironmental, Inc. GZA-C:\Christina CAD\Project Files\A_GZA\Sue\Center Street\Site PLAN 12-31-12.dwg [B.2.b] January 03, 2013 - 9:31am Christinak

NORTH BUFFUM STREET

ALLEY

EAST CENTER STREET



Boring	CS03
Depth	11'
PVOCs + N.	ND
Lead	<RCL
PAHs (µg/kg)	
Dibenzo	9.3 J

Boring	CS02
Depth	9'
PVOCs + N. (µg/kg)	
B	120
Lead	<RCL
PAHs	ND

Sample ID	CS01
Depth	10'
PVOCs + N.	ND
Lead	<RCL
PAHs	<SCLs

Boring	CS04
Depth	9'
PVOCs + N. (µg/kg)	
B	38
Lead	<RCL
PAHs	<SCLs

Boring	CS08
Depth	12'
PVOCs + N. (µg/kg)	
B	2,600
EB	6,400
Naph.	2,700
Tol.	8,700
m&P-Xyl.	20,000
o-Xyl.	8,300
Lead	<RCL
PAHs (µg/kg)	
Naph.	730

Sample ID	CS05
Depth	12'
PVOCs + N.	ND
Lead	<RCL
PAHs	<SCLs

Sample ID	CS06
Depth	12'
PVOCs + N.	ND
Lead	<RCL
PAHs	<SCLs

Sample ID	CS07
Depth	12'
PVOCs + N.	ND
Lead	<RCL
PAHs	<SCLs

LEGEND

- APPROXIMATE SITE BOUNDARY
- B-6 PSI SOIL BORING
- CS02-9' EXCAVATION CLOSURE SAMPLE AND DEPTH
- EXTENT OF PETROLEUM-IMPACTED SOIL EXCAVATION
 - AREA EXCAVATED TO DEPTH OF 10' BGS
 - AREA EXCAVATED TO DEPTH OF 11' BGS
 - AREA EXCAVATED TO DEPTH OF 12' BGS
- ESTIMATED EXTENT OF POST-REMEDIATION NR 720 AND/OR NR 746 RCL EXCEEDANCES FOR PETROLEUM COMPOUNDS IN SOIL

VOCs Volatile Organic Compounds
 PVOCs + N. Petroleum VOCs plus Naphthalene
 PAHs Polycyclic Aromatic Hydrocarbons
 BGS Below Ground Surface
 µg/kg Micrograms per Kilogram
 ND Not Detected
 RCL Residual Contaminant Level
 SCL Soil Screening Level
 B Benzene
 Dibenzo Dibenzo(a,h)anthracene
 EB Ethylbenzene
 Indeno Indeno(1,2-cd)pyrene
 Naph. Naphthalene
 Tol. Toluene
 m&p-Xyl. m&p-Xylenes
 o-Xyl. o-Xylenes

NOTES

- The area of petroleum-impacted soil excavation and locations of excavation closure samples are based on field measurements made by GZA during excavation and sampling activities performed at the Site in December 2010.
- The excavation was extended to depths ranging from 10 to 12 feet bgs, as shown.
- Analytical concentrations depicted in **Bold Red** font indicate an exceedance of the NR 720 Groundwater Pathway RCL and/or the NR746 Table 1 Screening Level for that compound.
- The estimated areas of Post-Remedial NR 720 Groundwater Pathway RCL and/or the NR 746 Table 1 Screening Level exceedances ("RCL Exceedances") for petroleum compounds (VOCs/PVOCs plus naphthalene) remaining in soil upon completion of excavation activities are shown.
- SCL exceedances for PAHs are also presented in chemboxes but the exceedance areas for these non-petroleum compounds are not delineated with RCL exceedance contours.

0 15' 30'
 APPROXIMATE SCALE IN FEET

N

NO.	ISSUE/DESCRIPTION	BY	DATE
POST-REMEDIATION PETROLEUM CONTAMINATION IN SOIL			
JOSE LUIS VARGAS 410 EAST CENTER STREET MILWAUKEE, WISCONSIN			
PREPARED BY:	GZA GeoEnvironmental, Inc. Engineers and Scientists 20900 SWENSON DRIVE, SUITE 150 WALKESSHA, WISCONSIN 53186 (262) 754-2560	PREPARED FOR:	REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
PROJ MGR:	JFK	REVIEWED BY:	DGB
DESIGNED BY:	SEK	DRAWN BY:	CLK
DATE:	12/31/12	PROJECT NO.:	20.0152763
		REVISION NO.:	
			FIGURE B.2.b SHEET NO.

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEONENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.



February 25, 2013

City of Milwaukee
Attn: Ms. Karen Dettmer
809 North Broadway
Milwaukee, WI 53202

Subject: Conditional Closure Decision with Requirements to Achieve Final Closure for the Jose Luis Vargas (Former Filling Station) Property Located at 410 East Center Street Milwaukee, WI

FID: 241200960
BRRTS: 03-41-556647

Dear Ms. Dettmer:

On February 25, 2013, the Wisconsin 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 the closure request, the Department has determined that the petroleum impacts associated with a former UST and associated piping appears to have been investigated and remediated to the extent practicable under site conditions. Your case meets the screening criteria of s. NR 746.07 or s. NR 746.08, Wis. Adm. Code, and the requirements of Ch. NR 726, Wis. Adm. Code and will be closed if the following conditions are satisfied:

Groundwater Monitoring Wells

The groundwater monitoring wells and any other remediation systems at the site must be properly abandoned in compliance with Ch. NR 141, Wisconsin Administrative Code. Documentation of well abandonment must be submitted to this office on Form 3300-005 found at www.dnr.state.wi.us/org/water/dgw/gw within 60-days on receipt of this letter as required in s. NR 726.05(8)(a)1 and s. NR 141.25 Wisconsin Administrative Code. The Department requires the abandonment of these wells before issuing a final closure letter.

When the above conditions have been satisfied, please submit the appropriate documentation (for example, well abandonment forms, disposal receipts, copies of correspondence, etc.) to verify that applicable conditions have been met, and your case will be closed. Your site will be listed on the DNR's Remediation and Redevelopment GIS Registry. Information that was submitted with your closure request application will be included on the GIS Registry. To review the site on the GIS Registry web page, visit the RR Sites Map page at: <http://dnr.wi.gov/org/aw/rr/gis/index.htm>.

Continuing Obligations

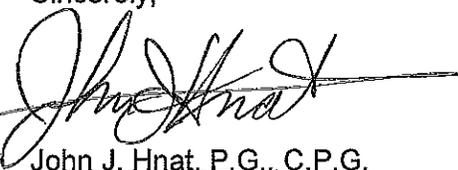
As part of the approval of the closure of this case, you will be responsible for maintaining the following continuing obligations:

- Residual soil contamination exists that must be properly managed should it be excavated or removed.

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

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

Sincerely,



John J. Hnat, P.G., C.P.G.
Project Manager/Hydrogeologist
Southeast Region
Remediation and Redevelopment

C: Jay Karls – GZA GeoEnvironmental
WDNR SER Files

Site Summary

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

1. General Site Information and Site History

- A. **Site Location:** Describe the physical location of the site, both generally and specific to its immediate surroundings.
The Site is located within a primarily residential and commercial use area within the northeastern portion of the City of Milwaukee, on the northeast corner of North Buffum Street and East Center Street, within the southwest 1/4 of the northwest 1/4 of Section 16, Township 7 North, Range 22 East, Milwaukee County, Wisconsin. A Site Location Map is provided as Attachment B.1.a.
- B. **Prior and current site usage:** Specifically describe the current and historic occupancy and types of use.
The Site is currently an undeveloped, grass-covered parcel. Historically, an automotive service station operated on the Site, which included underground storage tanks (USTs) used for storing petroleum for retail sale. The former Site building has been razed and fuel dispensers have been removed. The City of Milwaukee acquired the Site from the former owner, Jose Luis Vargas, in 2010, for the purpose of redevelopment.
- C. Describe how and when site contamination was discovered.
Professional Service Industries, Inc. (PSI) conducted a Phase II Environmental Site Assessment (ESA) at the Site in 2006, which included the installation of six test pits to evaluate for the presence of USTs; the advancement of 12 soil borings (B1 through B12); the conversion of three of the soil borings into Wisconsin Administrative Code (WAC) NR 141-compliant monitoring wells (MW-1 through MW-3); the collection of two soil samples per boring, one from 2 to 4 feet below ground surface (bgs) and one from a deeper portion of the soil column (sampling depths provided on the Pre-Remedial Soil Analytical Table, included as Attachment A.2); and the collection of groundwater samples from the monitoring wells. Soil samples were submitted to a laboratory for volatile organic compound (VOC), polycyclic aromatic hydrocarbon (PAH) and lead or Resource and Recovery Act (RCRA) metals analyses. Groundwater samples were submitted to a laboratory for VOC, PAH and RCRA metals analyses. The location of the soil borings, monitoring wells and test pits are provided on the Detailed Site Plan (Attachment B.1.b), and the groundwater and soil analytical results are provided in Attachments A.1 and A.2, respectively.
- D. Describe the type(s) and source(s) or suspected source(s) of contamination.
Petroleum impacts associated with a former UST (and associated piping) was encountered in soil in the central portion of the Site, as indicated by the concentration of petroleum-related VOCs (PVOCs) in the soil samples collected from B-1, 10' 12' bgs; B-2, 2' 4' bgs and B-2, 4' to 6' bgs, which exceed NR 720 generic groundwater pathway Residual Contaminant Levels (RCLs) for multiple PVOCs. Additionally, the concentrations of several PVOCs detected in the soil samples collected from B-2, 2' to 4' and 4' to 6' exceed NR 746 Table 1 screening values. These impacts were the driver for the Leaking UST (LUST) listing for the Site and were the focus of GZA's remedial efforts. Benzene was also detected in boring B-6, 6' to 8' bgs at a concentration of 110 µg/kg, which exceeds the NR 720 generic groundwater pathway RCL for benzene, but does not exceed the NR 746 Table 1 screening values. Given that the benzene impact encountered in the soil collected from B-6 appears to be related to former USTs at the Site, based on the former Site use and the depth of the impact, the fact that the benzene concentration does not exceed the NR 746 screening values and the absence of groundwater impacts at the Site, the limited residual impacts in the area of B-6 did not appear to be an ongoing source or potential future source of groundwater impacts and, therefore, the soil in the area of B-6 was not excavated as part of the remedial action. Limited PAH and metals impacts were detected in shallow soil samples collected from the Site. These impacts do not appear to be related to the former USTs at the Site, but instead appear to be consistent with historical repair activities at the Site, urban runoff and/or potentially limited fill materials. Due to limitations associated with funding (remedial dollars could only be used for impacts associated with current/former USTs), these impacts were not addressed as part of GZA's remedial actions and are not addressed in this LUST closure.
- E. Other relevant site description information (or enter Not Applicable).
Based on the data collected by PSI while installing the test pits at the Site, the anomalies identified during a previous geophysical study were not caused by the presence of USTs, but instead were caused by the presence of material consistent with backfill that was identified in the area where subsurface petroleum impacts were also encountered.
- F. List BRRTS activity site name and number for all other BRRTS activities at this property, including closed cases.
In addition to the BRRTS activity that is the subject of this closure request, there is one other BRRTS activity for the property: Activity Number 07-41-554268; Activity Name "Jose Luis Vargas".
- G. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to this site, and those impacted by contamination from this site.
The following is the only BRRTS activity associated with a property that is immediately adjacent to the Site: 07-41-552862/"Center and Buffum" is a General Property site that abuts the Site to the west beyond North Buffum Street, but has not been impacted by the Site. Additionally, although not directly abutting the Site and also not impacted by the Site, there are three additional BRRTS activities located within approximately 200 feet of the Site boundary, as follows: 02-41-558732/"2721 N Buffum - Vacant Property" (located approximately 140 feet northwest of the Site); 02-41-558731/"320 E Center St - Vacant Property" (located approximately 160 feet west of the Site); and 07-41-552868/"319-21 E Center St" (located approximately 180 feet southwest of the Site).

- H. **Current zoning** (e.g. industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).

Based on information provided on the City of Milwaukee property assessment and "Map Milwaukee" web sites, the Site and immediately neighboring properties are currently zoned LB2 (Commercial - Local Business). Verification of zoning is provided in Attachment G.3.

2. General Site Conditions

A. Soil/Geology

- i. Describe soil type(s) and relevant physical properties, thickness of soil column across the site, vertical and lateral variations in soil types.
GZA was not provided boring logs and PSI indicated to GZA that the logs for the borings advanced at the Site are no longer available. However, based on observations made by GZA during excavation activities, soil at the Site (in the area of the excavation) primarily consisted of brown or gray clay with silt and trace gravel. Fill, consisting of a mixture of soil and concrete rubble, was also encountered, presumably in the former UST excavations completed by others historically. GZA encountered similar soil types during subsurface evaluations conducted at 2721 North Buffum Street and 320 East Center Street, located less than 200 feet west/northwest of the Site.
- ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill material, likely associated with former UST (and associated piping and pump island) excavation areas, was encountered by GZA during the excavation and removal of PVOC impacts. The depth of fill material encountered by GZA at the Site ranged from approximately 3' to 6' feet bgs.
- iii. Depth to bedrock, bedrock type, and whether or not it was encountered during the investigation.
Devonian-age dolomite and/or shale bedrock are present at a depth of 50' to 100' bgs in the vicinity of the Site. Bedrock was not encountered during Site investigation activities.
- iv. Describe the nature and locations of current surface cover(s) across the site (e.g. natural vegetation, landscaped areas, gravel, hard surfaces, and buildings).

The Site is a vacant, grass-covered parcel

B. Groundwater

- i. **Discuss depth to groundwater and piezometric elevations.** Describe and explain depth variations, and whether free product affects measurement or water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.
Five rounds of groundwater measurements were collected from monitoring wells MW-1 through MW-3 during Site investigation activities performed between May 2006 and March 2012. During this time period, the depth to groundwater ranged from 17.93' to 19.47' bgs in MW-1; 2.04' to 6.08' bgs in MW-2; and 13.26' to 20.81' bgs in MW-3. The variations in the depth to water measurements across the Site are believed to be due to heterogeneous subsurface conditions. Free product was not detected at the Site.
- ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.
Based on a review of surface topography in the Site vicinity, shallow groundwater is expected to flow east. Based on a review of water table elevations measured in Site monitoring wells, the groundwater level in MW-2 appears to be consistently perched at an elevation that is generally at least 10' higher than groundwater levels measured in MW-1 and MW-3, as presented on Attachments A.7 and B.3.c. The perched water level in MW-2 is assumed to be caused by the presence of fill material in the vicinity of the well.
Based on a review of a water table elevation map for southeastern Wisconsin, the regional groundwater flow direction in the Site vicinity is also east toward the Milwaukee River and Lake Michigan.
- iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.
Groundwater flow directions were not interpreted due to the variations in groundwater elevations in Site monitoring wells. Data related to additional groundwater flow characteristics were not collected because there were no Chapter NR 140 Enforcement Standard (ES) exceedances detected in historical groundwater samples from the Site and concentrations detected in the most recent set of samples had decreased to below the NR 140 Preventive Action Limits (PALs). Therefore, groundwater is not a pathway of concern at the Site.
- iv. Identify and describe locations/distance of potable and/or municipal Wells within 1200 feet of the site.
The potable water source for the City of Milwaukee is Lake Michigan. There are no known potable or municipal wells located within 1,200' of the Site.

3. Site Investigation Summary

A. General

- i. Provide a brief summary of the site investigation history. Reference previous submittals by name and date. Describe site investigation activities undertaken since the last submittal for this project and attach the appropriate documentation in Attachment C, if not previously provided.

PSI conducted a Phase II ESA at the Site in 2006, which included the installation of six test pits to evaluate for the presence of USTs; the advancement of 12 soil borings (B1 through B12); the conversion of three of the soil borings into WAC NR 141-compliant monitoring wells (MW-1 through MW-3); the collection of two soil samples per boring, one from 2' to 4' bgs and one from a deeper portion of the soil column (sampling depths provided on the Pre-Remedial Soil Analytical Table, included as Attachment A.2); and the collection of groundwater samples from the monitoring wells. Soil samples were submitted to a laboratory for VOC, PAH and lead or RCRA metals analyses. Groundwater samples were submitted to a laboratory for VOC, PAH and RCRA metals analyses. The locations of the soil borings, monitoring wells and test pits are provided on the Detailed Site Plan (Attachment B.1.b) and the groundwater and soil analytical results are provided in Attachments A.1 and A.2, respectively. Based on PSI's investigation, limited PVOC soil impacts and potential PAH impacts to the groundwater were encountered. A figure showing the locations of PSI's borings and monitoring wells, as well as PSI's soil and groundwater tables, were provided to the Wisconsin Department of Natural Resources (WDNR) along with Form 4400-225 (Notification for Hazardous Substance Discharge - Non-Emergency Only) on January 13, 2011. To address impacts encountered by PSI, GZA conducted three rounds of groundwater monitoring, which included the collection of groundwater samples from MW-1 through MW-3 on May 3, 2011, October 5, 2011 and March 26, 2012. The groundwater samples were submitted to a laboratory for PVOC, PAH and lead analyses. GZA also collected confirmatory soil samples in conjunction with a December 2010 remedial action, which included the excavation of impacted soil (see Section 4.C).

- ii. Identify whether contamination extends beyond the source property boundary, describe the off-site media (e.g., soil, groundwater, etc.) impacted, and the vertical and horizontal extent of off-site impacts.

Based on a review of Site investigation data, residual contamination on-Site does not extend beyond the Site boundary, into the adjacent right-of-way, or onto neighboring properties.

- iii. Identify any structural impediments to the completion of site investigation and/or remediation and whether these impediments are on the source property or off the source property. Identify the type and location of any structural impediment (e.g., structure) that also serves as the performance standard barrier for protection of the direct contact or the groundwater pathway.

There were no structural impediments to the completion of the Site investigation or remediation.

B. Soil

- i. Describe degree and extent of **soil contamination** at and from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways.

There are limited PVOC impacts to the soil apparently associated the former USTs and associated piping and pump islands. Benzene was detected in the soil sample collected from B-6, 6' to 8' bgs, at a concentration of 100 µg/kg. Additionally, three of the confirmatory samples associated with GZA's excavation activities (CS02, 9'; CS04, 9'; and CS08, 12') contained benzene at concentrations exceeding the NR 720 generic groundwater pathway RCLs. Additionally, the concentrations of ethylbenzene and naphthalene exceed the NR 746 Table 1 screening levels for those compounds. Based on PID, olfactory and other evidence collected by GZA during excavation activities, the bulk of the PVOC-impacted soil has been excavated and removed from the Site. The impacts listed above represent limited residual impacts.

- ii. Describe the level and types of **soil contaminants** found in the upper four feet of the soil column.

There are limited PAH and lead impacts within the upper 4' of the soil column. These impacts do not appear to be related to the former USTs at the Site, but instead appear to be consistent with historical repair activities at the Site, urban runoff and/or potentially limited fill materials. Due to limitations associated with funding (remedial dollars could only be used for impacts associated with current/former USTs), these impacts were not addressed as part of GZA's remedial actions and are not addressed in this LUST closure.

- iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site: for example, a Residual Contaminant Level (RCL), a Site-Specific Residual Contaminant Level (SSRCL), or a Performance Standard as determined under ss NR 720.09, 720.11 and 720.19, Wis. Adm. Code. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/information in Attachment C.

Generic RCLs were utilized as goals (746, Table 1 values). Limits of excavations were based on PID values and other indications of impact.

C. Groundwater

- i. Describe degree and extent of groundwater contamination at or from this site. Relate this to known or suspected sources and known or potential receptors/migration pathways. Specifically address any potential or existing impacts to water supply wells or interception with building foundation drain systems.

There were historically low-level (less than NR 140 ESs) VOCs and PAHs detected in groundwater at the Site, likely attributable to the presence of VOC and PAH impacts present in Site soils. During the most recent sampling event in March 2012, there were no compounds detected at concentrations above the NR 140 PALs. As such, groundwater is not a pathway of concern at the Site.

- ii. Describe the presence of free product at the site, including the thickness, depth, and locations.
Free product was not detected at the Site.

D. Vapor

- i. Describe how the vapor migration pathway was assessed, including locations where vapor or indoor air samples were collected. If the vapor pathway was not assessed, explain reasons why.

Vapor sampling was not performed at the Site based on the following:

- There is no building present of the Site and petroleum impacts in soil do not extent onto off-Site properties based on Site investigation data;
- The bulk of petroleum-impacted soil historically present at the Site was excavated and disposed of as part of a remedial action in December 2012. The extent of residual petroleum-impacted soil remaining at the Site is limited; and
- There were no NR 140 PAL exceedances for VOCs in the most recent set of groundwater samples collected from the Site in March 2012.

- ii. Identify the applicable DNR action levels and the land use classification used to establish them. Describe where the DNR action levels were reached or exceeded (e.g., sub slab, indoor air or both).
Not applicable.

E. Surface Water and Sediment

- i. Identify whether surface water and/or sediment was assessed and describe the impacts found. If this pathway was not assessed, explain why.

Not applicable. This pathway was not assessed because there is no surface water body adjacent to or near the Site and there is no discharge from the Site to a water body.

- ii. Identify any surface water and/or sediment action levels used to assess the impacts for this pathway and how these were derived. Describe where the DNR action levels were reached or exceeded.
Not applicable.

4. Remedial Actions Implemented and Residual Levels at Closure

- A. General: Provide a brief summary of the remedial action history. List previous remedial action report submittals by name and date. Identify remedial actions undertaken since the last submittal for this project and provide the appropriate documentation in Attachment C.

Soil excavation-, off-Site disposal/treatment- and Site restoration-related activities were performed at the Site on December 20, 2010. Veritas performed the material excavation, hauling and disposal/treatment activities under the direction of GZA personnel. As part of Site preparation, Veritas excavated approximately 700 square feet (approximately 13 cubic yards [cyds] from the upper 6") of topsoil from the Site. Approximately 519 tons of non-hazardous PVOC- and PAH-impacted soil were excavated to a finish excavation depth of between 10' to 12' bgs. The soil was loaded onto quad-axle dump trucks and transported to Veolia Environmental Services, Emerald Park Landfill in Muskego, Wisconsin for disposal/treatment under Profile No. BIOEPL2010-249. The Emerald Park daily waste disposal receipts summarizing the number of truckloads and associated weight of disposed soil, as well as photo documentation of the work and information related to the backfill material composition are provided in Attachment C.7. The extent of the excavation area is shown on Figure B.2.b. Before the excavation was backfilled, re-compacted, top-dressed and re-seeded, GZA collected post-excavation soil samples from the base and sidewalls of the excavation. The PID results are provided in Attachment B.4.c. The location of the post-excavation soil samples are provided on Attachment B.2.c and the results are summarized on Attachment A.3.

- B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.
Not Applicable

- C. Describe the *active* remedial actions taken at the site, including: type of remedial system(s) used for each media impacted; the size and location of any excavation or in-situ treatment; the effectiveness of the systems to address the contaminated media and substances; operational history of the systems; and summarize the performance of the active remedial actions. Provide any system performance documentation in Attachment A.7.

Remediation at the Site consisted of excavation and off-Site disposal of soil, as described in Section 4.A.

- D. Provide a discussion of the nature, degree and extent of residual contamination that will remain at the site or on off-site affected properties after case closure.
- Off-Site impacts or impacts to the right-of-way were not encountered. There are limited PVOC impacts to the soil on-Site apparently associated the former USTs and associated piping and pump islands. Benzene was detected in the soil sample collected from B-6, 6' to 8' bgs, at a concentration of 100 µg/kg. Additionally, three of the confirmatory samples associated with GZA's excavation activities (CS02, 9'; CS04, 9'; and CS08, 12') contained benzene at concentrations exceeding the NR 720 generic groundwater pathway RCLs. Additionally, the concentrations of ethylbenzene and naphthalene exceed the NR 746 Table 1 screening levels for those compounds. Based on PID, olfactory and other evidence collected by GZA during excavation activities, the bulk of the PVOC-impacted soil has been excavated and removed from the Site. The impacts listed above represent limited residual impacts.
- E. Describe the remaining soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds the ch. NR720, Wis. Adm. Code, standard(s) for direct contact.
- There are limited PAH and lead impacts within the upper 4' of the soil column. These impacts do not appear to be related to the former USTs at the Site, but instead appear to be consistent with historical repair activities at the Site, urban runoff and/or potentially limited fill materials. Due to limitations associated with funding (remedial dollars could only be used for impacts associated with current/former USTs), these impacts were not addressed as part of GZA's remedial actions and are not addressed in this LUST closure.
- F. Describe the remaining soil contamination in the vadose zone that attains or exceeds the soil standard(s) for the groundwater pathway.
- There are limited PVOC impacts to the soil apparently associated with the former USTs and associated piping and pump islands. Benzene was detected in the soil sample collected from B-6, 6' to 8' bgs, at a concentration of 100 µg/kg. Additionally, three of the confirmatory samples associated with GZA's excavation activities (CS02, 9'; CS04, 9'; and CS08, 12') contained benzene at concentrations exceeding the NR 720 generic groundwater pathway RCLs. Additionally, the concentrations of ethylbenzene and naphthalene exceed the NR 746 Table 1 screening levels for those compounds. Based on PID, olfactory and other evidence collected by GZA during excavation activities, the bulk of the PVOC-impacted soil has been excavated and removed from the Site. The impacts listed above represent limited residual impacts.
- G. Describe how the residual contamination will be addressed, including but not limited to details concerning: covers, engineering controls or other barrier features; use of natural attenuation of groundwater; and vapor mitigation systems or measures.
- Residual petroleum impacts are not a direct-contact concern, as they are more than 4' bgs. Groundwater impacts are not present and limited residual PVOC soil impacts do not represent an ongoing threat to groundwater, based on the groundwater data and the fact the the majority of the mass was removed.
- H. If using natural attenuation as a groundwater remedy, describe how the data collected supports the conclusion that natural attenuation is effective in reducing contaminant mass and concentration, (e.g. stable or receding groundwater plume).
- Not applicable
- I. Identify how all exposure pathways were removed and/or adequately addressed by immediate and/or remedial action(s) described above in paragraphs, B, C, D, E and F.
- Direct contact related to PVOCs is not a concern, as residual PVOC impacts are below four feet. Limited PVOC impacts remaining in the soil do not represent a groundwater pathway issue as there are no groundwater impacts detected at the Site and the mass of impacted soil was excavated and disposed off-Site. There are no buildings on the Site and the limited residual PVOC impacts do not represent a vapor intrusion issue. There are no groundwater impacts exceeding PALs in wells monitored by GZA over three sampling events.
- J. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.
- Not applicable.
- K. Identify the need for a ch. NR 140, Wis. Adm. Code, groundwater Preventive Action Limit (PAL) or Enforcement Standard (ES) exemption, and identify the affected monitoring points and applicable substances.
- Not applicable. During the most recent sampling event in March 2012, there were no compounds detected at concentrations above the NR 140 PALs.
- L. If a DNR action level for vapor intrusion was exceeded (for indoor air, sub slab, or both) describe where it was exceeded and how the pathway was addressed.
- Not applicable. Vapor intrusion is not a pathway of concern at the Site.
- M. Describe the surface water and/or sediment contaminant concentrations and areas after remediation. If a DNR action level was exceeded, describe where it was exceeded and how the pathway was addressed.
- Not applicable. Waterways were not impacted.

5. Continuing Obligations: Situations where a maintenance plan(s) and inclusion on DNR's GIS Registry are required.

Directions: Check all that apply to this case closure request:

This scenario Applies to this Case Closure		Case Closure Scenario: Maintenance Plans and GIS Registry	Maintenance Plan (s) Required in Attachment D	GIS Registry Listing	
A. On-Site	B. Off-Site				
i.	<input type="checkbox"/>	<input type="checkbox"/>	Engineering Control/Barrier for Direct Contact	✓	✓
ii.	<input type="checkbox"/>	<input type="checkbox"/>	Engineering Control/Barrier for Groundwater Infiltration	✓	✓
iii.	<input type="checkbox"/>	<input type="checkbox"/>	Vapor Mitigation - post closure passive system	✓	✓
iv.	<input type="checkbox"/>	<input type="checkbox"/>	Vapor Mitigation - post closure active system	✓	✓
v.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	None of the above scenarios apply to this case closure	NA	NA

6. Continuing Obligations: Situations where inclusion on DNR's GIS Registry is required.

Directions: Check all that apply to this case closure request:

This scenario Applies to this Case Closure		Case Closure Scenario: GIS Registry Only	GIS Registry Listing	
A. On-Site	B. Off-Site			
i.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination exceeds ch. NR 720 generic or site-specific RCLs	✓
ii.	<input type="checkbox"/>	<input type="checkbox"/>	Sites with groundwater contamination equal to or greater than the ch. NR 140, enforcement standards (ES)	✓
iii.	<input type="checkbox"/>	<input type="checkbox"/>	Monitoring wells: lost, transferred or remaining in use	✓
iv.	<input type="checkbox"/>	<input type="checkbox"/>	Structural Impediment (not as a performance standard)	✓
v.	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination remaining at ch. NR 720 Industrial Use levels	✓
vi.	<input type="checkbox"/>	<input type="checkbox"/>	Vapor intrusion may be future, post-closure issue if building use or land use changes	✓
vii.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	None of the above scenarios apply to this case closure	NA

7. Underground Storage Tanks

- A. Were any tanks, piping or other associated tank system components removed as part of the investigation or remedial action? Yes No
- B. Do any upgraded tanks meeting the requirements of ch. SPS 310, Wis. Adm. Code, exist on the property? Yes No
- C. If the answer to question 7b is yes, is the leak detection system currently being monitored? Yes No

Data Tables (Attachment A)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General directions for Data Tables:

- Use bold and italics font on information of importance on tables and figures. Use **bold font** for ch. NR 140, Wis. Adm. Code, groundwater enforcement standard (ES) attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, groundwater preventive action limit (PAL) standard attainments or exceedances.
- Do not use shading or highlighting on the analytical tables.
- Include on Data Tables the level of detection for results which are below the detection level (i.e. do not just list as no detect (ND)).
- Include the units on data tables.

- Summaries of all data must include information collected by previous consultants.
- Do not submit lab data sheets unless these have not been submitted in a previous report. Tabulate all data required in s. NR 716.15(2)(g)3, Wis. Adm. Code, in the format required in s. NR 716.15(2)(h)3, Wis. Adm. Code.
- Include in Attachment A all of the following tables, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: A.1. Groundwater Analytical Table; A.2. Pre-remedial Soil Analytical Table, etc).
- For required documents, each table (e.g., A.1., A.2., etc.,) should be a separate PDF.

A. Data Tables

- A.1. **Groundwater Analytical Table(s):** Table(s) showing the analytical results and collection dates, for all groundwater sampling points e.g. monitoring wells, temporary wells, sumps, extraction wells, any potable wells and any other wells, extraction wells and any potable wells for which samples have been collected.
- A.2. **Pre-remedial Soil Analytical Table(s):** Table(s) showing the soil analytical results and collection dates - prior to conducting the interim and/or remedial action. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).
- A.3. **Post-remedial Soil Analytical Table(s):** Table(s) showing the post-remedial action soil analytical results and collection dates. Indicate if sample was collected above or below the all-time low water table (unsaturated verses saturated).
- A.4. **Pre and Post Remaining Soil Contamination Soil Analytical Table(s):** Table(s) showing only the pre and post remedial action soil analytical results that exceed a Residual Contaminate Level (RCL) or a Site-Specific Residual Level (SSRCL).
- A.5. **Vapor Analytical Table:** Table(s) showing type(s) of samples, sample collection methods, analytical method, sample results, date of sample collection, time period for sample collection, method and results of leak detection, and date, method and results of communication testing.
- A.6. **Other Media of Concern (e.g., sediment or surface water):** Table(s) showing type(s) of sample, sample collection method, analytical method, sample results, date of sample collection, time period for sample collection, method and results sampling.
- A.7. **Water Level Elevations:** Table(s) showing all water level elevation measurements and dates from all monitoring wells. If present, free product should be noted on the table.
- A.8. **Other:** This attachment should include: 1) any available tabulated natural attenuation data; 2) data tables pertaining to engineered remedial systems that document operational history, demonstrate system performance and effectiveness, and display emissions data; and (3) any other data tables relevant to case closure not otherwise noted above. If this section is not applicable, please explain the reasons why.

Maps and Figures (Attachment B)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions for all Maps and Figures:

- If any map or figure is not relevant to the case closure request, you must fully explain the reason(s) why and attach that explanation (properly labeled with the map/ figure title) in Attachment B.
- Provide on paper no larger than 11 x 17 inches, unless otherwise directed by the Department. Maps and figures may be submitted in a larger electronic size than 11x17 inches, in a portable document format (pdf) readable by the Adobe Acrobat Reader. However, those larger-size documents must be legible when printed.
- Prepare visual aids, including maps, plans, drawings, fence diagrams, tables and photographs according to the applicable portions of ss. NR 716.15(2)(h)1 and 726.05(3)(a)4.d, Wis Adm. Code.
- Do not use shading or highlights on any of the analytical tables.
- Include all sample locations.
- Contour lines should be clearly labeled and defined.
- Include in Attachment B all of the following maps and figures, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: B.1. Location Map; B.2. Detailed Site Map, etc).
- For the electronic copies that are required, each map (e.g., B.1.a., B.2.a, etc.,) should be a separate PDF.

B.1. Location Maps

- B.1.a. **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 impacted and/or adjacent parcels. If groundwater standards are exceeded, include the location of all potable wells, including municipal wells, within 1200 feet of the area of contamination.
- B.1.b. **Detailed Site Map:** A map that shows all relevant features (buildings, roads, current ground surface cover, individual property boundaries for on-site and applicable off-site properties, 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 ss. NR 720.09, 720.11 and 720.19, Wis. Adm. Code.

B.1.c. **RR Site Map:** From RR Sites Map (<http://dnrmaps.wi.gov/imf/imf.jsp?site=brrts2>) attach a map depicting the source property, and all open and closed BRRTS sites within a half-mile radius or less of the property.

B.2. Soil Figures

B.2.a. **Pre-remedial Soil Contamination:** Figure(s) showing the sample location of all pre-remedial, unsaturated contaminated soil and a single contour showing the horizontal extent of each area of contiguous residual soil contamination that exceeded a Residual Contaminant Level (RCL) or a Site-Specific Residual Contaminant Level (SSRCL) as determined under ss. NR 720.09, 720.11 and 720.19, Wis. Adm. Code.

B.2.b. **Post-remedial Soil Contamination :** Figure(s) showing the sample location of all post-remedial, unsaturated 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 ss. NR 720.09, 720.11 and 720.19, Wis. Adm. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

B.2.c. **Pre/Post Remaining Soil Contamination:** Figure(s) showing the only location of all pre and post remedial residual soil sample location(s) where unsaturated contaminated soil remains after remediation 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 Level (SSRCL) as determined under ss. NR 720.09, 720.11 and 720.19, Wis. Admin. Code. A separate contour line should be used to indicate the extent of residual direct contact exceedances.

B.3. Groundwater Figures

B.3.a. **Geologic Cross-Section Figure(s):** One or more cross-section diagrams showing soil types and correlations across the site, water table and piezometric elevations, and locations and elevations of geologic rock units, if encountered. Display on one or more figures all of the following:

- Source location(s) and vertical extent of residual soil contamination exceeding a Residual Contaminant Level (RCL) or a Site Specific Residual Contaminant Level (SSRCL).
- Source location(s) and lateral and vertical extent if groundwater contamination exceeds a ch. NR 140 Enforcement Standard (ES)
- Surface features, including buildings and basements, and show surface elevation changes.
- Any areas of active remediation within the cross section path, such as excavations or treatment zones.
- Include a map displaying the cross-section location(s), if they are not displayed on the Detailed Site Map (Map B.1b)

B.3.b. **Groundwater Isoconcentration:** Figure(s) showing the horizontal extent of the post-remedial groundwater contamination exceeding a ch. NR 140, Wis. Adm. Code, Preventive Action Limit (PAL) and/or an Enforcement Standard (ES). Indicate the date and direction of groundwater flow based on the most recent sampling data.

B.3.c. **Groundwater Flow Direction:** Figure(s) representing groundwater movement at the site. If the flow direction varies by more than 20° over the history of the site, submit two groundwater flow maps showing the maximum variation in flow direction.

B.3.d. **Monitoring Wells:** Figure(s) showing all monitoring wells, with well identification number. Clearly designate any wells that: (1) are proposed to be abandoned; (2) cannot be located; (3) are being transferred; (4) will be retained for further sampling, or (5) have been previously abandoned.

B.4. Vapor Maps and Other Media

B.4.a. **Vapor Intrusion Map:** Map(s) showing all locations and results for samples taken to investigate the vapor intrusion pathway, in relation to remaining soil and groundwater contamination, including sub-slab, indoor air, soil vapor, ambient air, and communication testing. Show locations and footprints of affected structures and utility corridors, and/or where residual contamination poses a future risk of vapor intrusion.

B.4.b. **Other media of concern (e.g., sediment or surface water):** Map(s) showing all sampling locations and results for other media investigation. Include the date of sample collection and identify where any standards are exceeded.

B.4.c. **Other:** Include any other relevant maps and figures not otherwise noted above. (This section may remain blank)

Documentation of Remedial Action (Attachment C)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

- Include in Attachment C all of the following documentation, in the order prescribed below, with the specific Closure Form titles noted on the separate attachments (e.g., Title: C.1. Site Investigation Documentation; C.2. Investigative Waste, etc).
- If the documentation requested below is "not applicable" to the site-specific circumstances, include a brief explanation to support that conclusion.
- If the documentation requested below has already been submitted to the Department, please note the title and date of the report for

that particular document requested.

- C.1. **Site investigation documentation**, that has not otherwise been previously submitted.
- C.2. **Investigative waste** disposal documentation.
- C.3. **NR 720.19 analysis**, assumptions and calculations for site specific RCLs (SSRCLs) , with justification, including EPA Soil Screening Level Model Calculations and results.
- C.4. **Construction documentation** or as-built report for any constructed remedial action or portion of, or interim action specified in s. NR 724.02(1), Wis. Adm. Code.
- C.5. **Decommissioning of Remedial Systems**. Include plans to properly abandon any systems or equipment upon receiving conditional closure.
- C.6. **Photos**. For sites or facilities with a cover or other performance standard, a structural impediment or a vapor mitigation system. Include one or more photographs documenting the condition and extent of the feature at the time of the closure request. Pertinent features should be visible and discernible. Photographs must be labeled with the site name, the features shown, location and the date on which the photograph was taken.
- C.7. **Other**. Include any other relevant documentation not otherwise noted above. (This section may remain blank)

Maintenance Plan(s) (Attachment D)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

When one or more "maintenance plans" are required for a site closure, include in each maintenance plan all required information in sections D.1. through D.5. below, and attach the plan(s) in Attachment D. The following "model" maintenance plans can be located at: (1) Maintenance plan for an engineering control or cover: <http://dnr.wi.gov/topic/Brownfields/documents/maintenance-plan.pdf>; and (2) Maintenance plan for vapor intrusion: http://dnr.wi.gov/topic/Brownfields/documents/appendix5_606.pdf.

- D.1. **Location map(s)** which show(s): (1) the feature that requires maintenance; (2) the location of the feature(s) that require(s) maintenance - on and off the source property; (3) the extent of the structure or feature(s) to be maintained, in relation to other structures or features on the site; (4) the extent and type of residual contamination; and (5) and all property boundaries.
- D.2. **Brief descriptions** of the type, depth and location of residual contamination.
- D.3. **Description of maintenance action(s)** required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter.
- D.5. **Contact information**, including the name, address and phone number of the individual or facility who will be conducting the maintenance.

Monitoring Well Information (Attachment E)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

Attach monitoring well construction and development forms (DNR FORM 4400-113 A and B: http://dnr.wi.gov/org/water/dwg/gw/forms/4400_113_1_2.pdf) for all wells that will remain in-use, be transferred to another party or that could not be located. A figure of these wells should be included in Attachment B.3.d.

Select One:

- No monitoring wells were required as part of this response action.
- All monitoring wells have been located and will be properly abandoned upon the DNR granting conditional closure to the site
- Select One or More:**
 - Not all monitoring wells can be located, despite good faith efforts. Attachment E must include description of efforts made to locate the "lost" wells.
 - One or more wells will be transferred to another owner upon case closure being granted. Attachment E should include documentation identifying the name, address and email for the new owner(s).
 - One or more wells will remain in use at the site after this closure. Attachment E must include documentation as to the reason(s) the well(s) will remain in use.

Notifications to Owners of Impacted Properties (Attachment F)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

General Directions:

- State law requires that the responsible party provide a 30-day, written advance notice (i.e., a letter) to certain persons prior to applying for case closure. This requirement applies if: (1) the person conducting the response action does not own the source property; (2) the contamination has migrated onto another property; and/or (3) one or more monitoring wells will not be abandoned.
- A model "template letter" for these mandatory notifications can be downloaded at: <http://dnr.wi.gov/files/PDF/pubs/rr/RR919.pdf>.

Check all that apply to the site-specific circumstances of this case closure:

	A. Impacted Source Property and Owner is not Conducting Cleanup	B. Impacted Right of Way	C. Impacted Off-Site Property Owner	Impacted Property Notification Situations: Ch. NR 726 Appendix A Letter
1.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual groundwater contamination exceeds Ch. NR 140 Wis. Administrative Code enforcement standards.
2.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residual soil contamination that attains or exceeds standards is present after the remedial action is complete, and must be properly managed should it be excavated or removed.
3.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	An engineered cover or a soil barrier (e.g. pavement) must be maintained over contaminated soil for direct contact or groundwater infiltration concerns.
4.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Industrial land use soil standards were used for the clean-up standard.
5.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A vapor mitigation system (or other specific vapor protection) must be operated and maintained.
6.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Vapor assessment needed if use changes.
7.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Structural impediment.
8.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Lost, transferred or open monitoring wells.
9.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Not Applicable.

If any of the previous boxes in rows 1 thru 8 were checked, include the following as part of Attachment F:

- FORM 4400-246;
- Copy of each letter sent, 30 days or more prior to requesting closure; and
- Proof of receipt for each letter.
- For this site closure, 0 (number) property (ies) has/have been impacted, the owners have been notified, and copies of the letters and receipts are included in Attachment F.

Source Legal Documents (Attachment G)

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Include all of the following documents, in this order, in Attachment G:

- G.1. **Deeds - Source Property and Other Impacted Properties:** The most recent deed with legal descriptions clearly labeled for (1) the **Source Property** (where the contamination originated) and (2) all **off-source** (off-site) properties where letters were required to be sent per the ch. NR 700, Wis. Adm. Code, rule series (e.g., off-site cover maintenance required, lost monitoring well, off-site cover property impacts to groundwater exceeding the ch. NR 140, Wis. Adm. Code).
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.
- G.2. **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)).
- G.3. **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- G.4. **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes that the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Signatures and Findings for Closure Determination

If any section is not relevant to the case closure request, you must fully explain the reasons why and attach that explanation to the relevant section of the form. All information submitted shall be legible. Providing illegible information may result in a submittal being considered incomplete until corrected.

Check the correct signature block below for this case closure request, and have the proper environmental professional(s) sign this document, in accordance with the ch. NR 700 Wis. Adm. Code rule series. Both boxes may be checked if applicable to this case closure.

- A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies). In this situation, the closure request must be prepared by, or under the supervision of, a professional engineer and a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code. Include both signatures provided below with the submittal.
- The response action(s) for this site addresses media other than groundwater. In this situation, the case closure request must be prepared by, or under the supervision of, a professional engineer, as defined in ch. NR 712, Wis. Adm. Code. The "engineering certification" language below, at a minimum, must be signed.

Engineering Certification

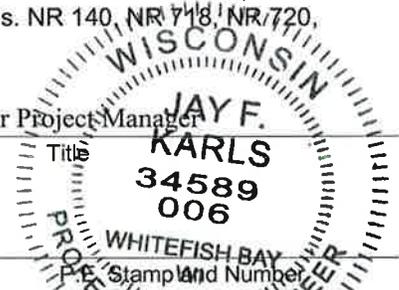
I, Jay F. Karls, Ph.D., P.E. hereby certify that I am a registered professional engineer in the State of Wisconsin, registered in accordance with the requirements of ch. A-E 4, Wis. Adm. Code; that this case closure request has been prepared in accordance with the Rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. All phases of work necessary to obtain data, develop conclusions, recommendations and prepare submittals for this case closure request have been prepared by me, or their preparation has been supervised by me. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Jay F. Karls
Printed Name

Senior Project Manager
Title

[Signature]
Signature

2/12/15
Date



Hydrogeologist Certification

I, _____ hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. All phases of work necessary to address groundwater contamination including obtaining data, developing conclusions, recommendations and preparing submittals for this case closure request have been prepared by me, or their preparation has been supervised by me. Specifically, with respect to compliance with the rules, in my professional opinion a site investigation has been conducted in accordance with ch. NR 716, Wis. Adm. Code, and all necessary remedial actions have been completed in accordance with chs. NR 140, NR 718, NR 720, NR 722, NR 724 and NR 726, Wis. Adm. Codes."

Printed Name

Title

Signature

Date

**ATTACHMENT A.1
GROUNDWATER ANALYTICAL RESULTS TABLE**

Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin

PARAMETER	UNITS	WAC NR 140 PAL	WAC NR 140 ES	TW-4	MW-1					MW-2					MW-3				
				2/21/06	5/23/06	8/24/06	5/3/11	10/5/11	3/26/12	5/23/06	8/24/06	5/3/11	10/5/11	3/26/12	5/23/06	8/24/06	5/3/11	10/5/11	3/26/12
VOCs																			
1,2-Dichloroethane	µg/l	0.5	5	0.8	<0.36	<0.36	--	--	--	<0.36	<0.36	--	--	--	<0.36	<0.36	--	--	--
Methyl tert-butyl ether	µg/l	12	60	1.1	<0.61	<0.61	<0.8	<0.47	1.32 J	<0.61	<0.61	<0.8	<0.47	<0.57	<0.61	<0.61	<0.8	<0.47	<0.57
1,2,4-Trimethylbenzene	µg/l	96 ³	480 ³	ND	ND	ND	<0.8	3.3 J	<0.78	ND	ND	<0.8	<1.4	<0.78	ND	ND	<0.8	<1.4	<0.78
Metals																			
Lead	µg/l	1.5	15	<3.4	<0.40	<3.4	<0.7	<0.7	<0.7	<0.40	<3.4	<0.7	<0.7	<0.7	<0.40	<3.4	<0.7	<0.7	<0.7
PAHs																			
Acenaphthene	µg/l	NS	NS	<0.011	<0.0082	0.010 J	<0.01	<0.01	<0.025	<0.0082	<0.0082	<0.01	<0.01	<0.025	<0.0082	<0.0082	<0.01	<0.01	<0.025
Benzo(a)anthracene	µg/l	NS	NS	<0.020	<0.016	<0.016	0.022 J	0.025 J	<0.024	<0.016	0.021 J	<0.014	<0.014	<0.024	<0.016	<0.016	<0.014	<0.014	<0.024
Benzo(a)pyrene	µg/l	0.02	0.2	<0.024	<0.018	<0.018	<0.011	0.017 J	<0.018	<0.018	0.021 J	<0.011	<0.011	<0.018	<0.018	<0.018	<0.011	<0.011	<0.018
Benzo(b)fluoranthene	µg/l	0.02	0.2	<0.020	<0.016	<0.016	0.015 J	0.027 J	<0.02	0.016 J	0.027 J	<0.013	<0.013	<0.02	<0.016	<0.016	<0.013	<0.013	<0.02
Benzo(g,h,i)perylene	µg/l	NS	NS	<0.025	<0.019	0.025 J	<0.015	<0.015	<0.019	<0.019	0.030 J	<0.015	<0.015	<0.019	<0.019	<0.019	<0.015	<0.015	<0.019
Benzo(k)fluoranthene	µg/l	NS	NS	<0.025	<0.019	<0.019	<0.015	<0.015	<0.022	<0.019	<0.019	<0.015	<0.015	<0.022	<0.019	<0.019	<0.015	<0.015	<0.022
Chrysene	µg/l	0.02	0.2	<0.025	<0.019	0.038 J	<0.013	<0.018	<0.019	0.021 J	0.038 J	<0.013	<0.013	<0.019	<0.019	<0.019	<0.013	<0.013	<0.019
Fluoranthene	µg/l	80	400	<0.020	<0.015	<0.015	0.025 J	0.032 J	<0.022	0.025 J	0.044 J	<0.012	<0.012	<0.022	<0.015	<0.015	<0.012	<0.012	<0.022
Fluorene	µg/l	80	400	<0.012	0.013 J	0.0091 J	<0.008	<0.008	<0.02	<0.0091	<0.0091	<0.008	<0.008	<0.02	0.024 J	<0.0091	<0.008	<0.008	<0.02
1-Methylnaphthalene	µg/l	NS	NS	<0.013	0.018 J	0.04	<0.009	<0.009	<0.022	<0.010	0.016 J	<0.009	<0.009	<0.022	<0.010	0.010 J	<0.009	<0.009	<0.022
2-Methylnaphthalene	µg/l	NS	NS	<0.015	0.042	0.11	<0.013	<0.013	<0.024	0.031 J	0.033 J	<0.013	<0.013	<0.024	0.023 J	0.020 J	<0.013	<0.013	<0.024
Naphthalene	µg/l	8	40	0.019 J	0.030 J	0.061	<0.015	0.016 J	<0.021	<0.012	0.027 J	<0.015	<0.015	<0.021	0.026 J	0.015 J	<0.015	<0.015	<0.021
Phenanthrene	µg/l	NS	NS	<0.015	0.041	0.057	0.015 J	0.02 J	<0.019	0.017 J	0.044	<0.01	<0.01	<0.019	0.060	0.016 J	<0.01	<0.01	<0.019
Pyrene	µg/l	50	250	<0.019	<0.015	0.030 J	0.022 J	0.03 J	<0.2	0.032 J	0.050	<0.013	<0.013	<0.2	<0.015	<0.015	<0.013	<0.013	<0.2

Notes:

1. Professional Services, Inc. (PSI) collected a groundwater sample from temporary monitoring well TW-4 on February 21, 2006, and groundwater samples from permanent monitoring wells MW-1 through MW-3 on May 23, 2006 and August 24, 2006. Please note that the location of temporary well TW-4 was not identified on the "Boring Location Map" figure prepared by PSI and provided to GZA.
2. GZA collected groundwater samples from MW-1 through MW-3 on May 3, 2011, October 5, 2011 and March 26, 2011. The samples collected by GZA were submitted to Synergy Environmental Lab, Inc. of Appleton, Wisconsin for petroleum volatile organic compounds (PVOCs) plus naphthalene, polycyclic aromatic hydrocarbon (PAH) and lead analyses. Only detected PVOCs and PAHs are listed on the table.
3. *Italic* concentrations indicate an exceedance of Wisconsin Administrative Code (WAC), Chapter NR 140 Preventive Action Limits (PALs) and **Bold** concentrations indicate an exceedance of WAC Chapter NR 140 Groundwater Enforcement Standards (ESs).
4. The trimethylbenzene standard is for total trimethylbenzenes.
5. NS = No standard has been established for that parameter; ND = Not detected (data provided to GZA did not include the laboratory detection limit). "--" = The parameter was not analyzed.
6. Results are presented in micrograms per liter (µg/l).
7. "J" flag = compound was detected at a concentration greater than the detection limit, but less than the quantification limit. Therefore, "J"-flagged results are estimated.

ATTACHMENT A.2
PRE-REMEDIAL SOIL ANALYTICAL RESULTS TABLE

Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin

Parameter	Units	NR 720 Groundwater Pathway RCL	NR 746 Table 1 Soil Screening Levels	B-1 2/20/2006 2'-4'	B-1 2/20/2006 10'-12'	B-2 2/20/2006 2'-4'	B-2 2/20/2006 4'-6'	B-3 2/20/2006 2'-4'	B-3 2/20/2006 4'-6'	B-4 2/21/2006 2'-4'	B-4 2/21/2006 10'-12'	B-5 2/21/2006 2'-4'	B-5 2/21/2006 12'-14'	B-6 2/21/2006 2'-4'	B-6 2/21/2006 6'-8'	B-7 5/1/2006 2'-4'	B-7 5/1/2006 11'-12.5'
VOCs																	
Benzene	µg/kg	5.5	8,500	< 25	530	490	500	< 25	< 25	< 25	< 25	< 25	< 25	< 25	110	< 2.5	< 25
n-Butylbenzene	µg/kg	NS	NS	< 25	750	7,900	3,300	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---
sec-Butylbenzene	µg/kg	NS	NS	< 25	150	1,600	640	< 25	240	< 25	< 25	< 25	< 25	< 25	< 25	---	---
Ethylbenzene	µg/kg	2,900	4,600	< 25	3,600	34,000	16,000	< 25	< 25	< 25	< 25	< 25	< 25	< 25	330	< 2.5	< 25
Isopropylbenzene	µg/kg	NS	NS	< 25	300	3,500	1,400	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---
p-Isopropyltoluene	µg/kg	NS	NS	< 25	210	2,600	1,000	< 25	290	< 25	< 25	< 25	< 25	< 25	< 25	---	---
Naphthalene	µg/kg	NS	2,700	< 25	970	12,000	6,000	< 25	< 25	< 25	< 25	< 25	< 25	< 25	35	< 2.5	< 25
n-Propylbenzene	µg/kg	NS	NS	< 25	1,400	14,000	5,800	< 25	< 25	< 25	< 25	< 25	< 25	< 25	< 25	---	---
Toluene	µg/kg	1,500	38,000	< 25	< 25	980	460	< 25	< 25	< 25	< 25	< 25	< 25	< 25	120	< 2.5	< 25
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	< 25	7,300	81,000	34,000	< 25	40	< 25	< 25	< 25	< 25	< 25	250	< 2.5	< 25
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	< 25	2,400	26,000	11,000	< 25	87	< 25	< 25	< 25	< 25	< 25	55	< 2.5	< 25
Total Xylenes	µg/kg	4,100	42,000	< 75	2,231	139,000	48,600	< 75	< 76	< 75	< 75	< 75	< 75	< 75	770	< 7.5	< 75
Parameter	Units	Direct Contact RCL (Non-Industrial)		B-1 2/20/2006 2'-4'	B-1 2/20/2006 10'-12'	B-2 2/20/2006 2'-4'	B-2 2/20/2006 4'-6'	B-3 2/20/2006 2'-4'	B-3 2/20/2006 4'-6'	B-4 2/21/2006 2'-4'	B-4 2/21/2006 10'-12'	B-5 2/21/2006 2'-4'	B-5 2/21/2006 12'-14'	B-6 2/21/2006 2'-4'	B-6 2/21/2006 6'-8'	B-7 5/1/2006 2'-4'	B-7 5/1/2006 11'-12.5'
Metals																	
Arsenic	mg/kg	0.039		4.3	6.7	3.4	4.8	6.4	4.1	4.1	3.5	1.6	5.2	5.1	3.5	---	---
Barium	mg/kg	NS		37	34	31	33	34	25	31	27	33	41	65	33	---	---
Cadmium	mg/kg	8		0.36	0.11	0.15	0.12	0.25	0.15	0.27	0.15	0.12	0.19	0.55	0.33	---	---
Chromium	mg/kg	16,000		14	16	14	15	21	14	16	13	11	18	18	13	---	---
Lead	mg/kg	50		28	7.7	8.5	6.4	11	7.3	15	5.7	8.0	7.9	410	21	16	4.1
Mercury	mg/kg	NS		0.065	0.010	0.010	0.0081	0.0099	0.0071	0.017	0.0084	0.010	0.011	0.049	0.028	---	---
Parameter	Units	Groundwater Pathway SCL	Direct Contact Pathway SCL (Non-Industrial)	B-1 2/20/2006 2'-4'	B-1 2/20/2006 10'-12'	B-2 2/20/2006 2'-4'	B-2 2/20/2006 4'-6'	B-3 2/20/2006 2'-4'	B-3 2/20/2006 4'-6'	B-4 2/21/2006 2'-4'	B-4 2/21/2006 10'-12'	B-5 2/21/2006 2'-4'	B-5 2/21/2006 12'-14'	B-6 2/21/2006 2'-4'	B-6 2/21/2006 6'-8'	B-7 5/1/2006 2'-4'	B-7 5/1/2006 11'-12.5'
PAHs																	
Acenaphthene	µg/kg	38,000	900,000	< 13	< 8.5	< 27	< 3.4	< 3.6	29	< 3.5	< 3.4	< 3.5	< 3.6	< 3.4	< 3.5	11 Q	< 3.3
Acenaphthylene	µg/kg	700	18,000	< 13	< 8.2	< 26	< 3.3	4.5	12	< 3.3	< 3.3	< 3.4	< 3.5	< 3.3	< 3.4	4.3 Q	< 3.2
Anthracene	µg/kg	3,000,000	5,000,000	29	< 10	< 32	< 4.1	6.2	5.0	< 4.1	< 4.0	< 4.2	< 4.4	< 4.1	10	57	< 3.9
Benzo(a)anthracene	µg/kg	17,000	88	150	< 15	< 48	< 6.1	22	8.1	< 6.2	< 6.0	< 6.3	17	16	55	170	< 5.9
Benzo(a)pyrene	µg/kg	48,000	8.8	170	< 8.2	< 26	< 3.3	18	8.1	< 3.3	< 3.3	< 3.4	16	21	53	170	< 3.2
Benzo(b)fluoranthene	µg/kg	360,000	88	160	< 8.0	< 26	< 3.3	18	9.0	< 3.3	< 3.2	< 3.3	14	18	44	190	< 3.1
Benzo(ghi)perylene	µg/kg	6,800,000	1,800	84	< 10	< 32	< 4.1	9.1	6.3	< 4.1	< 4.0	< 4.2	12	15	26	85	< 3.9
Benzo(k)fluoranthene	µg/kg	870,000	880	190	< 8.7	< 28	< 3.5	17	7.7	< 3.6	< 3.5	< 3.6	18	22	54	150	< 3.4
Chrysene	µg/kg	37,000	8,800	190	< 12	< 40	< 5.1	43	15	< 5.1	< 5.0	< 5.1	21	22	61	200	6.2
Dibenzo(a,h)anthracene	µg/kg	38,000	8.8	19	< 7.9	< 25	< 3.2	< 3.4	< 3.1	< 3.2	< 3.1	< 3.2	< 3.4	< 3.2	6.9	36	< 3.0
Fluoranthene	µg/kg	500,000	600,000	280	< 8.2	< 26	< 3.3	41	12	< 3.3	< 3.3	< 3.4	31	25	90	390	< 3.2
Fluorene	µg/kg	100,000	600,000	< 15	< 9.8	< 31	< 4.0	5.5	27	< 4.0	< 3.9	< 4.0	< 4.2	< 4.0	< 4.0	15	< 3.8
Indeno(1,2,3-cd)pyrene	µg/kg	680,000	88	97	< 7.2	< 23	< 2.9	8.2	5	< 2.9	< 2.9	< 3.0	12	14	34	81	< 2.8
1-Methylnaphthalene	µg/kg	23,000	1,100,000	< 14	800	2,100	230	7.3	490	< 3.5	< 3.4	< 3.6	< 3.7	< 3.5	7.8	< 3.7	< 3.3
2-Methylnaphthalene	µg/kg	20,000	600,000	< 14	1,700	4,800	540	< 3.8	340	< 3.6	< 3.6	< 3.7	< 3.8	5.0	14	< 3.8	< 3.5
Naphthalene	µg/kg	400	20,000	< 18	780	4,000	660	< 4.9	46	< 4.7	< 4.6	< 4.7	< 4.9	< 4.7	8.3	< 4.9	< 4.4
Phenanthrene	µg/kg	1,800	18,000	100	14	29	< 3.4	52	36	< 3.4	< 3.3	< 3.5	11	6.8	28	220	< 3.3
Pyrene	µg/kg	8,700,000	500,000	300	< 7.0	< 22	< 2.8	50	19	4.0	< 2.8	< 2.9	31	33	92	320	3.3

ATTACHMENT A.2
PRE-REMEDIAL SOIL ANALYTICAL RESULTS TABLE

Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin

Parameter	Units	NR 720 Groundwater Pathway RCL	NR 746 Table 1 Soil Screening Levels	B-8 5/1/2006 2'-4'	B-8 5/1/2006 13.5'-15'	B-9 5/1/2006 0'-2'	B-9 5/1/2006 11'-12.5'	B-10 5/3/2006 0'-2'	B-10 5/3/2006 16'-17.5'	B-11 5/4/2006 13.5'-15'	B-12 5/4/2006 2'-4'	B-12 5/4/2006 11'-12.5'
VOCs												
Benzene	µg/kg	5.5	8,500	< 2.5	< 12	< 2.5	< 12	< 2.5	< 25	< 2.5	< 25	< 2.5
n-Butylbenzene	µg/kg	NS	NS	---	---	---	---	---	---	---	---	---
sec-Butylbenzene	µg/kg	NS	NS	---	---	---	---	---	---	---	---	---
Ethylbenzene	µg/kg	2,900	4,600	< 2.5	< 12	< 2.5	< 12	< 2.5	< 25	< 2.5	< 25	< 2.5
Isopropylbenzene	µg/kg	NS	NS	---	---	---	---	---	---	---	---	---
p-Isopropyltoluene	µg/kg	NS	NS	---	---	---	---	---	---	---	---	---
Naphthalene	µg/kg	NS	2,700	< 2.5	< 12	< 2.5	< 12	240	< 25	< 2.5	< 25	< 2.5
n-Propylbenzene	µg/kg	NS	NS	---	---	---	---	---	---	---	---	---
Toluene	µg/kg	1,500	38,000	< 2.5	< 12	< 2.5	< 12	< 2.5	< 25	< 2.5	< 25	< 2.5
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	< 2.5	< 12	< 2.5	< 12	< 2.5	< 25	< 2.5	< 25	< 2.5
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	< 2.5	< 12	< 2.5	< 12	47 Q	< 25	< 2.5	< 25	< 2.5
Total Xylenes	µg/kg	4,100	42,000	< 7.5	< 36	< 7.5	< 37	< 7.5	< 75	< 7.5	< 75	< 7.5
Parameter	Units	Direct Contact RCL (Non-Industrial)		B-8 5/1/2006 2'-4'	B-8 5/1/2006 13.5'-15'	B-9 5/1/2006 0'-2'	B-9 5/1/2006 11'-12.5'	B-10 5/3/2006 0'-2'	B-10 5/3/2006 16'-17.5'	B-11 5/4/2006 13.5'-15'	B-12 5/4/2006 2'-4'	B-12 5/4/2006 11'-12.5'
Metals												
Arsenic	mg/kg	0.039		---	---	---	---	---	---	---	---	---
Barium	mg/kg	NS		---	---	---	---	---	---	---	---	---
Cadmium	mg/kg	8		---	---	---	---	---	---	---	---	---
Chromium	mg/kg	16,000		---	---	---	---	---	---	---	---	---
Lead	mg/kg	50		16	4.4	50	5.4	43	7.3	6.6	8	6.6
Mercury	mg/kg	NS		---	---	---	---	---	---	---	---	---
Parameter	Units	Groundwater Pathway SCL	Direct Contact Pathway SCL (Non-Industrial)	B-8 5/1/2006 2'-4'	B-8 5/1/2006 13.5'-15'	B-9 5/1/2006 0'-2'	B-9 5/1/2006 11'-12.5'	B-10 5/3/2006 0'-2'	B-10 5/3/2006 16'-17.5'	B-11 5/4/2006 13.5'-15'	B-12 5/4/2006 2'-4'	B-12 5/4/2006 11'-12.5'
PAHs												
Acenaphthene	µg/kg	38,000	900,000	< 3.4	< 3.3	< 3.4	< 3.3	< 3.5	< 3.4	< 3.4	< 3.3	< 3.3
Acenaphthylene	µg/kg	700	18,000	< 3.3	< 3.2	4.7 Q	< 3.2	< 3.4	< 3.3	< 3.3	< 3.2	< 3.2
Anthracene	µg/kg	3,000,000	5,000,000	< 4.1	< 4.0	8.6 Q	< 4.0	11 Q	< 4.1	< 4.1	< 4.0	< 4.0
Benzo(a)anthracene	µg/kg	17,000	88	21	< 6.0	27	< 6.0	40	< 6.0	< 6.1	< 5.9	< 6.0
Benzo(a)pyrene	µg/kg	48,000	8.8	23	< 3.2	50	< 3.2	41	< 3.3	3.7 Q	5.8 Q	< 3.2
Benzo(b)fluoranthene	µg/kg	360,000	88	23	< 3.2	65	< 3.2	42	< 3.2	4.3 Q	6.0 Q	< 3.2
Benzo(ghi)perylene	µg/kg	6,800,000	1,800	17	< 4.0	56	< 4.0	27	< 4.1	4.8 Q	4.3 Q	< 4.0
Benzo(k)fluoranthene	µg/kg	870,000	880	24	< 3.4	58	< 3.4	39	< 3.5	3.8 Q	5.4 Q	< 3.4
Chrysene	µg/kg	37,000	8,800	28	< 4.9	37	< 4.9	50	5.0 Q	8.6 Q	8.0 Q	< 4.9
Dibenzo(a,h)anthracene	µg/kg	38,000	8.8	5.4 Q	< 3.1	13	< 3.1	10 Q	< 3.1	< 3.2	< 3.1	< 3.1
Fluoranthene	µg/kg	500,000	600,000	37	< 3.2	37	< 3.2	79	< 3.3	6.6 Q	12	< 3.2
Fluorene	µg/kg	100,000	600,000	< 3.9	< 3.8	< 3.9	< 3.8	< 4.1	< 3.9	< 3.9	< 3.8	< 3.8
Indeno(1,2,3-cd)pyrene	µg/kg	680,000	88	14	< 2.8	34	< 2.8	22	< 2.9	< 2.9	3.1 Q	< 2.8
1-Methylnaphthalene	µg/kg	23,000	1,100,000	< 3.5	< 3.4	< 3.4	< 3.4	6.5 Q	< 3.4	< 3.5	< 3.4	< 3.4
2-Methylnaphthalene	µg/kg	20,000	600,000	< 3.6	< 3.5	< 3.5	< 3.5	9.7 Q	< 3.6	4.1 Q	< 3.5	< 3.5
Naphthalene	µg/kg	400	20,000	< 4.6	< 4.5	< 4.5	< 4.5	5.9 Q	< 4.6	< 4.6	< 4.5	< 4.5
Phenanthrene	µg/kg	1,800	18,000	12	5.7 Q	8.9 Q	8.4 Q	40	7.1 Q	7.2 Q	5.5 Q	3.4 Q
Pyrene	µg/kg	8,700,000	500,000	34	< 2.8	48	< 2.8	76	< 2.8	7.1 Q	11	< 2.8

Notes:

- Soil samples were collected by Professional Service Industries Inc. (PSI) of Pewaukee, Wisconsin on the dates indicated.
- Results are presented in micrograms per kilogram (µg/kg) and milligrams per kilogram (mg/kg).
- Residual Contaminant Levels (RCLs) for volatile organic compounds (VOCs) were obtained from Wisconsin Administrative Code (WAC) Chapter NR 720, Table 1.
- Soil Screening Levels for VOCs were obtained from NR 746, Table 1.
- RCLs for metals were obtained from WAC Chapter NR 720, Table 2.
- Soil Cleanup Levels (SCLs) for polycyclic aromatic hydrocarbons (PAHs) were obtained from the Wisconsin Department of Natural Resources' (WDNR) April 1997 *Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance*.
- "Q" flag = compound was detected at a concentration greater than the detection limit, but less than the quantification limit. Therefore, "Q"-flagged results are estimated.
- Bold** concentrations indicate the exceedance of the lowest published RCL or SCL. Outlined value indicates exceedance of NR 746, Table 1 value.
- "NS" = No generic standard available.
- Only constituents that were detected in at least one soil sample are presented.
- "--" denotes that the sample was not analyzed for that parameter.
- Based on a review of depth to groundwater measurements collected from Site monitoring wells MW-1 through MW-3 (presented in Attachment A.7), the all-time low water table depth measured at the Site was approximately 20 feet below ground surface (bgs). As such, each of the pre-remedial soil samples were collected from above the all-time low water table.

**ATTACHMENT A.3
POST-REMEDIAL SOIL ANALYTICAL RESULTS TABLE**

Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin

Parameter	Units	NR 720 Groundwater Pathway RCL	NR 746 Table 1 Soil Screening Levels	CS01 (10') 12/20/10	CS02 (9') 12/20/10	CS03 (11') 12/20/10	CS04 (9') 12/20/10	CS05 (12') 12/20/10	CS06 (12') 12/20/10	CS07 (12') 12/20/10	CS08 (12') 12/20/10
VOCs											
Benzene	µg/kg	5.5	8,500	<25	120	<25	38	<25	<25	<25	2,600
Ethylbenzene	µg/kg	2,900	4,600	<25	<25	<25	<25	<25	<25	<25	6,400
Methyl tert-butyl ether	µg/kg	NS	NS	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	µg/kg	NS	2,700	<25	<25	<25	<25	<25	<25	<25	2,700
Toluene	µg/kg	1,500	38,000	<25	35	<25	29	<25	<25	<25	8,700
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	<25	<25	<25	<25	<25	<25	<25	12,000
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	<25	<25	<25	<25	<25	<25	<25	3,200
m&p-Xylene	µg/kg	4,100	42,000	<50	<50	<50	<50	<50	<50	<50	20,000
o-Xylene	µg/kg	(total)	(total)	<25	<25	<25	<25	<25	<25	<25	8,300
Parameter	Units	Direct Contact RCL (Non-Industrial)		CS01 (10') 12/20/10	CS02 (9') 12/20/10	CS03 (11') 12/20/10	CS04 (9') 12/20/10	CS05 (12') 12/20/10	CS06 (12') 12/20/10	CS07 (12') 12/20/10	CS08 (12') 12/20/10
Metals											
Lead	mg/kg	50		9.4	4.78	3.93	4.52	4.45	4.18	3.88	4.56
Parameter	Units	Groundwater Pathway SCL	Direct Contact Pathway SCL (Non-Industrial)	CS01 (10') 12/20/10	CS02 (9') 12/20/10	CS03 (11') 12/20/10	CS04 (9') 12/20/10	CS05 (12') 12/20/10	CS06 (12') 12/20/10	CS07 (12') 12/20/10	CS08 (12') 12/20/10
PAHs											
Anthracene	µg/kg	3,000,000	5,000,000	<6.4	<6.4	<6.4	<6.4	<6.4	<6.4	7.9 J	<6.4
Benzo(a)pyrene	µg/kg	48,000	8.8	5 J	<4.7	7.6 J	<4.7	<4.7	<4.7	6.2 J	<4.7
Benzo(b)fluoranthene	µg/kg	360,000	88	<6.5	<6.5	7.7 J	<6.5	<6.5	<6.5	7.7 J	<6.5
Benzo(g,h,i)perylene	µg/kg	6,800,000	1,800	9.5 J	<7.7	14.4 J	10.3 J	9.5 J	8.3 J	9.5 J	8.8 J
Chrysene	µg/kg	37,000	8,800	10.5 J	<8.9	11 J	<8.9	<8.9	<8.9	10.3 J	9.8 J
Dibenzo(a,h)anthracene	µg/kg	38,000	8.8	<5.5	<5.5	9.3 J	6.4 J	<5.5	<5.5	<5.5	<5.5
Fluoranthene	µg/kg	500,000	600,000	<9.2	<9.2	<9.2	<9.2	<9.2	<9.2	14.8 J	<9.2
Indeno(1,2,3-cd)pyrene	µg/kg	680,000	88	<7.8	<7.8	8.7 J	<7.8	<7.8	<7.8	<7.8	<7.8
1-Methyl naphthalene	µg/kg	23,000	1,100,000	<15	<15	<15	<15	<15	<15	<15	38 J
2-Methyl naphthalene	µg/kg	20,000	600,000	<9.7	<9.7	21.8 J	<9.7	20.6 J	<9.7	<9.7	59
Naphthalene	µg/kg	400	20,000	<16.2	<16.2	<16.2	<16.2	<16.2	<16.2	<16.2	730
Phenanthrene	µg/kg	1,800	18,000	14.4 J	<10.6	18.5 J	11.1 J	25.5 J	16.6 J	26.8 J	19.3 J
Pyrene	µg/kg	8,700,000	500,000	<7.7	<7.7	<7.7	<7.7	<7.7	<7.7	14.5 J	<7.7

Notes:

- Closure samples CS-01 through CS-08 were collected from the remedial excavation at the depths indicated by GZA GeoEnvironmental, Inc. (GZA) on December 20, 2010, and analyzed by Synergy Environmental Lab, Inc. of Appleton, Wisconsin.
- Units are provided in micrograms per kilogram (µg/kg) and milligrams per kilogram (mg/kg).
- Residual Contaminant Levels (RCLs) for volatile organic compounds (VOCs) were obtained from Wisconsin Administrative Code (WAC) Chapter NR 720, Table 1. The RCL listed for m&p-Xylene and o-Xylene is for total Xylenes.
- Soil Screening Levels for VOCs were obtained from NR 746, Table 1.
- The RCL for lead was obtained from WAC Chapter NR 720, Table 2.
- Soil Cleanup Levels (SCLs) for polycyclic aromatic hydrocarbons (PAHs) were obtained from the Wisconsin Department of Natural Resources' (WDNR) April 1997 *Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance*.
- "J" flag = compound was detected at a concentration greater than the detection limit, but less than the quantification limit. Therefore, "J"-flagged results are estimated.
- Bold** concentrations indicate the exceedance of the lowest published RCL or SCL. Outlined value indicates exceedance of NR 746, Table 1 value.
- "NS" = No generic standard available.
- Based on a review of depth to groundwater measurements collected from Site monitoring wells MW-1 through MW-3 (presented in Attachment A.7), the all-time low water table depth measured at the Site was approximately 20 feet below ground surface (bgs). As such, each of the post-remedial soil samples were collected from above the all-time low water table.

**ATTACHMENT A.4
PRE AND POST REMAINING PETROLEUM CONTAMINATION IN SOIL TABLE**

Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin

Parameter	Units	NR 720 Groundwater Pathway RCL	NR 746 Table 1 Soil Screening Levels	B-6 2/21/2006 6'-8'	CS02 (9') 12/20/10	CS04 (9') 12/20/10	CS08 (12') 12/20/10
VOCs							
Benzene	µg/kg	5.5	8,500	110	120	38	2,600
n-Butylbenzene	µg/kg	NS	NS	< 25	--	--	--
sec-Butylbenzene	µg/kg	NS	NS	< 25	--	--	--
Ethylbenzene	µg/kg	2,900	4,600	330	<25	<25	6,400
Isopropylbenzene	µg/kg	NS	NS	< 25	--	--	--
p-Isopropyltoluene	µg/kg	NS	NS	< 25	--	--	--
Methyl tert-butyl ether	µg/kg	NS	NS	ND	<25	<25	<25
Naphthalene	µg/kg	NS	2,700	35	<25	<25	2,700
n-Propylbenzene	µg/kg	NS	NS	< 25	--	--	--
Toluene	µg/kg	1,500	38,000	120	35	29	8,700
1,2,4-Trimethylbenzene	µg/kg	NS	83,000	250	<25	<25	12,000
1,3,5-Trimethylbenzene	µg/kg	NS	11,000	55	<25	<25	3,200
Total Xylenes	µg/kg	4,100	42,000	770	<50	<50	28,300
Parameter	Units	Direct Contact RCL (Non-Industrial)		B-6 2/21/2006 6'-8'	CS02 (9') 12/20/10	CS04 (9') 12/20/10	CS08 (12') 12/20/10
Metals							
Lead	mg/kg	50		21	4.78	4.52	4.56
Parameter	Units	Groundwater Pathway SCL	Direct Contact Pathway SCL (Non-Industrial)	B-6 2/21/2006 6'-8'	CS02 (9') 12/20/10	CS04 (9') 12/20/10	CS08 (12') 12/20/10
PAHs							
Acenaphthene	µg/kg	38,000	900,000	< 3.5	<15.2	<15.2	<15.2
Acenaphthylene	µg/kg	700	18,000	< 3.4	<5.1	<5.1	<5.1
Anthracene	µg/kg	3,000,000	5,000,000	10	<6.4	<6.4	<6.4
Benzo(a)anthracene	µg/kg	17,000	88	55	<17	<17	<17
Benzo(a)pyrene	µg/kg	48,000	8.8	53	<4.7	<4.7	<4.7
Benzo(b)fluoranthene	µg/kg	360,000	88	44	<6.5	<6.5	<6.5
Benzo(ghi)perylene	µg/kg	6,800,000	1,800	26	<7.7	10.3 J	8.8 J
Benzo(k)fluoranthene	µg/kg	870,000	880	54	<9.8	<9.8	<9.8
Chrysene	µg/kg	37,000	8,800	61	<8.9	<8.9	9.8 J
Dibenzo(a,h)anthracene	µg/kg	38,000	8.8	6.9	<5.5	6.4 J	<5.5
Fluoranthene	µg/kg	500,000	600,000	90	<9.2	<9.2	<9.2
Fluorene	µg/kg	100,000	600,000	< 4.0	<5.6	<5.6	<5.6
Indeno(1,2,3-cd)pyrene	µg/kg	680,000	88	34	<7.8	<7.8	<7.8
1-Methylnaphthalene	µg/kg	23,000	1,100,000	7.8	<15	<15	38 J
2-Methylnaphthalene	µg/kg	20,000	600,000	14	<9.7	<9.7	59
Naphthalene	µg/kg	400	20,000	8.3	<16.2	<16.2	730
Phenanthrene	µg/kg	1,800	18,000	28	<10.6	11.1 J	19.3 J
Pyrene	µg/kg	8,700,000	500,000	92	<7.7	<7.7	<7.7

Notes:

- B-6 soil samples were collected by Professional Services Industries Inc. (PSI) of Pewaukee, Wisconsin during Site investigation activities on February 21, 2006. Closure samples CS02, CS04, and CS08 were collected by GZA GeoEnvironmental, Inc. from the remedial excavation on December 20, 2010.
- Units are provided in micrograms per kilogram (µg/kg) and milligrams per kilogram (mg/kg).
- Residual Contaminant Levels (RCLs) for volatile organic compounds (VOCs) were obtained from Wisconsin Administrative Code (WAC) Chapter NR 720, Table 1.
- Soil Screening Levels for VOCs were obtained from NR 746, Table 1.
- The RCL for lead was obtained from WAC Chapter NR 720, Table 2.
- Soil Cleanup Levels (SCLs) for polycyclic aromatic hydrocarbons (PAHs) were obtained from the Wisconsin Department of Natural Resources' (WDNR) April 1997 *Soil Cleanup Levels for Polycyclic Aromatic Hydrocarbons (PAHs) Interim Guidance*.
- "NS" = No generic standard available.
- Bold** concentrations indicate the exceedance of the lowest published RCL or SCL. Outlined value indicates exceedance of NR 746, Table 1 value.
- Only results for samples indicative of soil remaining at the Site after completion of the remedial action that contained one or more RCL exceedances for VOCs are presented. (Soil samples containing PAHs and/or metals exceedances only are not presented.)
- Only constituents that were detected in at least one soil sample are presented.
- "--" denotes that the sample was not analyzed for that parameter.
- "ND" denotes that the parameter was not detected (GZA was not provided with the laboratory report for the PSI sampling event; therefore, the analyte detection limit is not known).
- "J" flag = compound was detected at a concentration greater than the detection limit, but less than the quantification limit. Therefore, "J"-flagged results are estimated.
- Based on a review of depth to groundwater measurements collected from Site monitoring wells MW-1 through MW-3 (presented in Attachment A.7), the all-time low water table depth measured at the Site was approximately 20 feet below ground surface (bgs). As such, each of the soil samples were collected from above the all-time low water table.

ATTACHMENT A.5
VAPOR ANALYTICAL RESULTS TABLE
Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin



Vapor sampling was not performed at the Site (and, therefore, a vapor analytical table was not prepared) based on the following:

- There is no building present on the Site and petroleum impacts in soil do not extend onto off-Site properties based on Site investigation data;
- The bulk of petroleum-impacted soil historically present at the Site was excavated and disposed of as part of a remedial action in December 2010. The extent of residual petroleum-impacted soil remaining at the Site is limited; and
- There were no Wisconsin Administrative Code (WAC) Chapter NR 140 Preventative Action Limit (PAL) exceedances for volatile organic compounds (VOCs) in the most recent set of groundwater samples collected from the Site in March 2012.

**ATTACHMENT A.6
OTHER MEDIA OF CONCERN TABLE
Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin**



Additional media of concern (sediment, surface water, etc.) was not identified during investigation and remediation activities at the Site. As such, Attachment A.6 is not applicable.

**ATTACHMENT A.7
WATER LEVEL ELEVATIONS TABLE**

Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin

Well	Ground Surface Elevation (feet)	TOC Elevation (feet)	Total Well Depth (feet bTOC)	Screen Length (feet)	Depth to Groundwater (feet BTOC)					Groundwater Elevation (feet)				
					5/23/06	8/24/06	5/3/11	10/4/11	3/26/12	5/23/06	8/24/06	5/3/11	10/4/11	3/26/12
MW-1	97.22	96.91	29.7	15	19.09	19.46	17.93	19.47	19.21	77.82	77.45	78.98	77.44	77.70
MW-2	97.10	96.88	19.1	15	2.92	5.72	2.04	6.08	3.05	93.96	91.16	94.84	90.80	93.83
MW-3	98.96	98.56	33.9	15	17.81	18.23	13.26	20.81	16.96	80.75	80.33	85.30	77.75	81.60

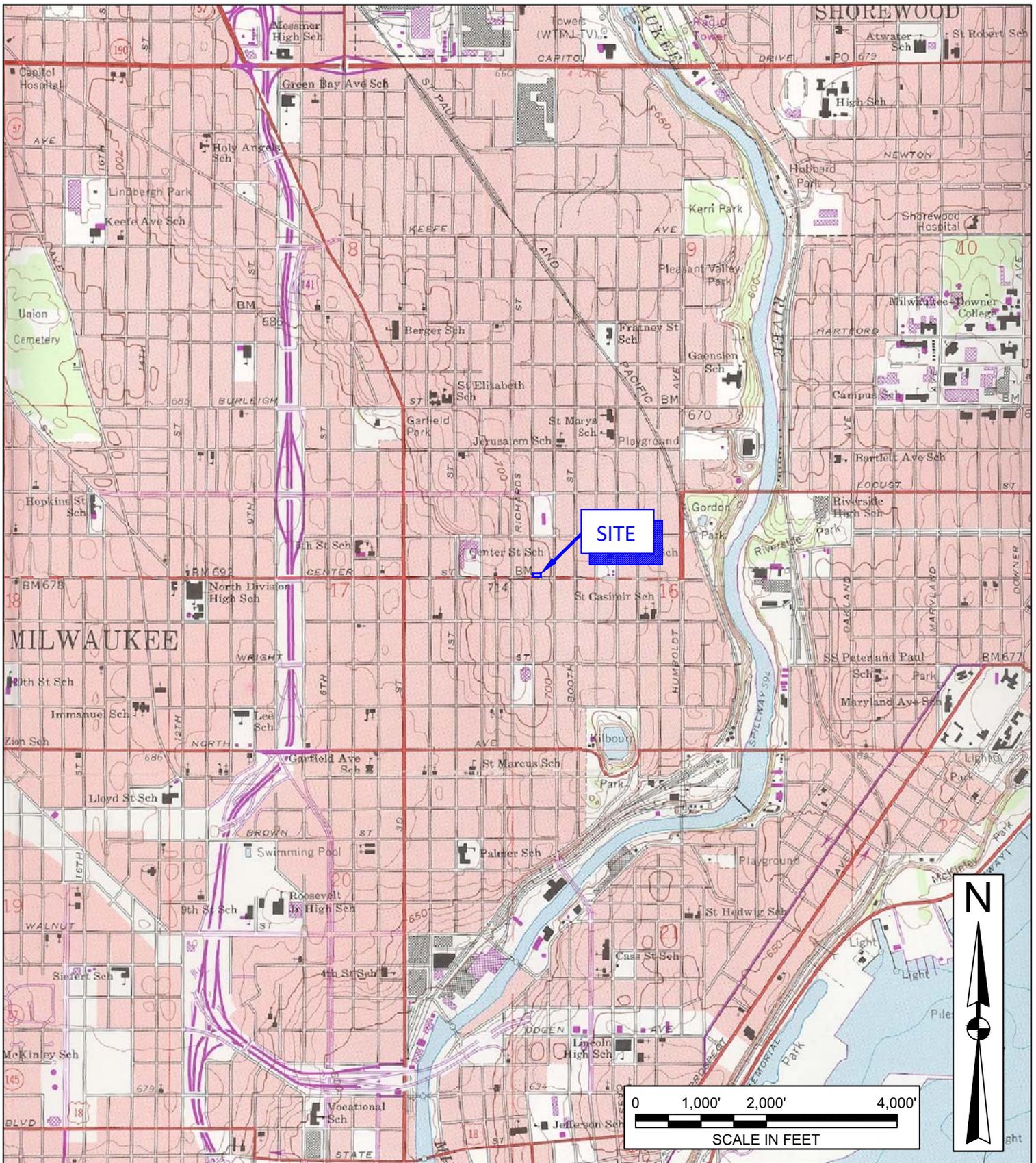
Notes:

1. TOC = Top of well casing.
2. feet bTOC = Feet below top of well casing.
3. Monitoring wells were surveyed by PSI relative to a Site benchmark with an assigned elevation of 100 feet.
4. Site benchmark utilized by PSI was a fire hydrant near the southwest corner of the Site.
5. PSI collected groundwater data on May 23, 2006 and August 24, 2006. GZA collected groundwater data on May 3, 2011, October 4, 2011 and March 26, 2012.

ATTACHMENT A.8
“OTHER” DATA TABLE
Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin



Data, in addition to that which was already presented in Attachments A.1 through A.7, was not collected during investigation and remediation activities at the Site. As such, Attachment A-8 is not applicable.



SOURCE: U.S.G.S. MILWAUKEE, WIS.
 QUADRANGLE MAP (1958)
 PHOTOREVISED (1971)

PREPARED BY:
 **GZA GeoEnvironmental, Inc.**
 Engineers and Scientists
 20900 SWENSON DRIVE, SUITE 150
 WAUKESHA, WISCONSIN 53186
 (262) 754-2560

PREPARED FOR:

SITE LOCATION MAP

JOSE LUIS VARGAS
 410 E. CENTER STREET
 MILWAUKEE, WISCONSIN

FIGURE
B.1.a

PROJ MGR: JFK	REVIEWED BY: DGB	CHECKED BY: DGB	DATE: 12/31/12	PROJECT NO.: 20.0152763	REVISION NO.:
DESIGNED BY: SEK	DRAWN BY: CLK	SCALE: 1 : 24000			

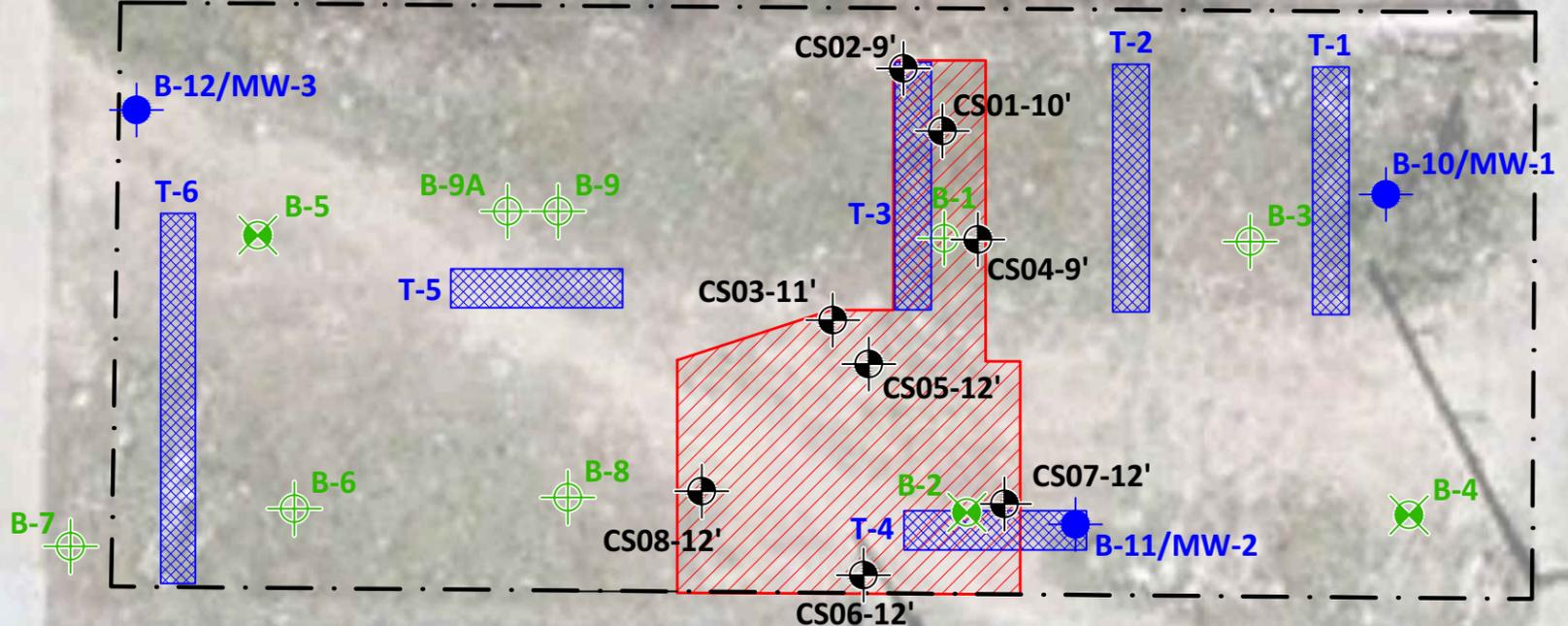
UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEOENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

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NORTH BUFFUM STREET

ALLEY

EAST CENTER STREET



LEGEND

- APPROXIMATE SITE BOUNDARY
- B-6 PSI SOIL BORING
- B-4 PSI SOIL BORING AND TEMPORARY MONITORING WELL
- B-12/MW-3 PSI SOIL BORING/ PERMANENT MONITORING WELL
- CS02-9' EXCAVATION CLOSURE SAMPLE AND DEPTH
- T-4 PSI TEST PIT LOCATION
- AREA OF PETROLEUM-IMPACTED SOIL EXCAVATION

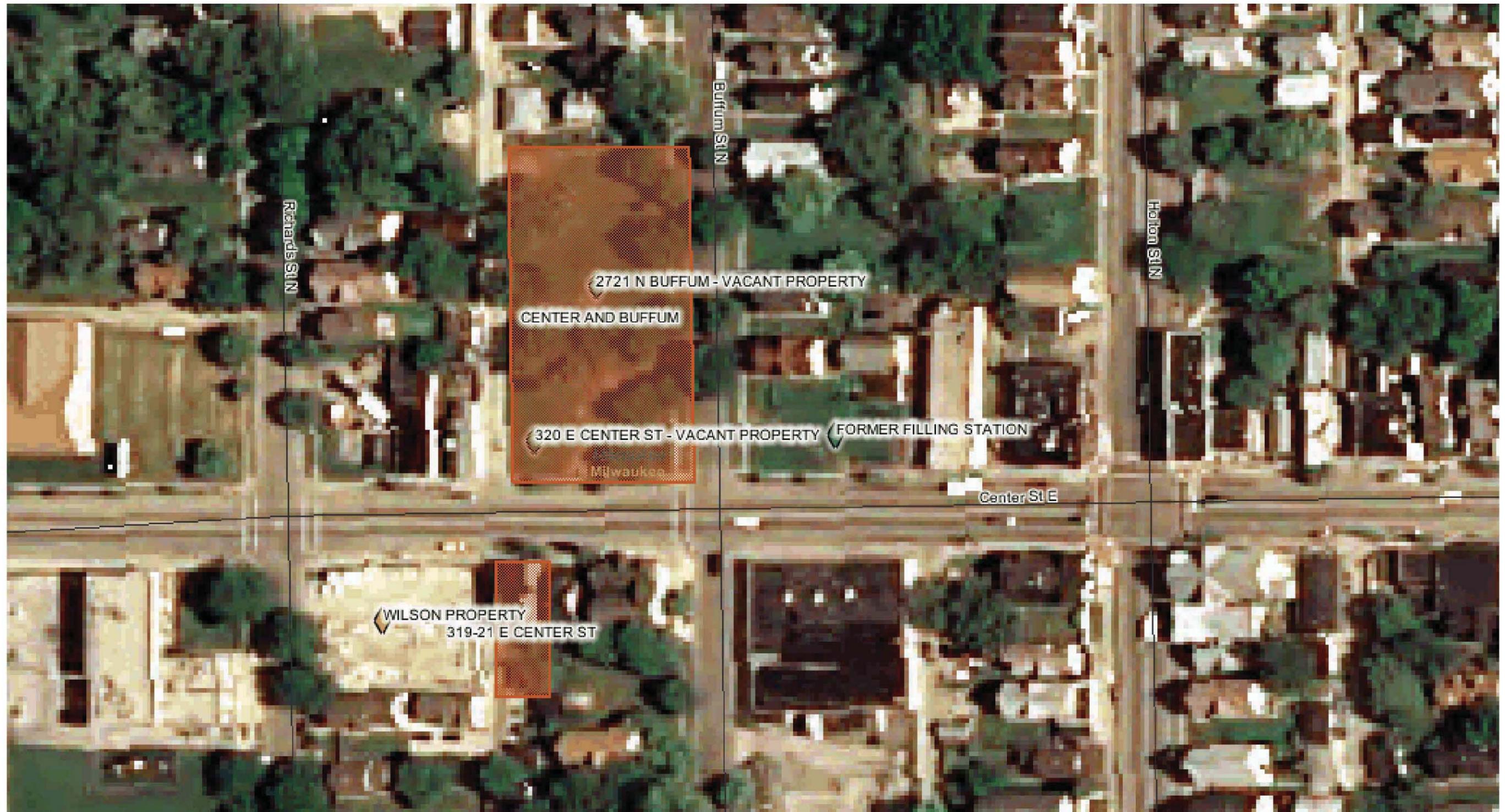
- NOTES**
1. BASE MAP DEVELOPED FROM A GOOGLE PROFESSIONAL ELECTRONIC IMAGE FILE. DIGITAL AERIAL ORTHOPHOTOGRAPHY WAS PUBLISHED BY THE U.S.G.S. IN 2012.
 2. THE USE OF AERIAL PHOTOGRAPHY CAN OFTEN MAKE BUILDINGS AND OTHER SITE FEATURES APPEAR TO BE OVERLAPPING AND DISTORTED WHEN OVERLAID WITH ACTUAL FIELD DATA.
 3. BORING AND TEST PIT LOCATIONS WERE DETERMINED THROUGH USE OF THE DRAWING "BORING LOCATION MAP" FROM THE PROJECT "410 EAST CENTER STREET, MILWAUKEE, WI, 054-5G017," DATED 5/16/05, PRODUCED BY PROFESSIONAL SERVICE INDUSTRIES, INC. (PSI).
 4. THE SITE BOUNDARY WAS DETERMINED THROUGH USE OF THE ONLINE GEOGRAPHICAL INFORMATION SYSTEM (GIS) TOOL PROVIDED BY THE CITY OF MILWAUKEE, WISCONSIN. THE PROGRAM NOTES THAT ALL PROPERTY LINES ARE APPROXIMATE AND LIKEWISE THIS AND SUBSEQUENT DRAWINGS SHOULD BE CONSIDERED AN APPROXIMATE REPRESENTATION OF ACTUAL SITE BOUNDARIES.
 5. THE AREA OF PETROLEUM-IMPACTED SOIL EXCAVATION AND LOCATIONS OF EXCAVATION CLOSURE SAMPLES ARE BASED ON FIELD MEASUREMENTS MADE BY GZA DURING EXCAVATION AND SAMPLING ACTIVITIES PERFORMED AT THE SITE IN DECEMBER 2010.



NO.	ISSUE/DESCRIPTION	BY	DATE
DETAILED SITE PLAN			
JOSE LUIS VARGAS 410 EAST CENTER STREET MILWAUKEE, WISCONSIN			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists 20900 SWENSON DRIVE, SUITE 150 WALKESHA, WISCONSIN 53186 (262) 754-2560		PREPARED FOR: REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE	
PROJ MGR: JFK DESIGNED BY: SEK DATE: 12/31/12	REVIEWED BY: DGB DRAWN BY: CLK PROJECT NO.: 20.0152763	CHECKED BY: DGB SCALE: REVISION NO.	FIGURE B.1.b SHEET NO.

UNLESS SPECIFICALLY STATED BY WRITTEN AGREEMENT, THIS DRAWING IS THE SOLE PROPERTY OF GZA GEONENVIRONMENTAL, INC. (GZA). THE INFORMATION SHOWN ON THE DRAWING IS SOLELY FOR USE BY GZA'S CLIENT OR THE CLIENT'S DESIGNATED REPRESENTATIVE FOR THE SPECIFIC PROJECT AND LOCATION IDENTIFIED ON THE DRAWING. THE DRAWING SHALL NOT BE TRANSFERRED, REUSED, COPIED, OR ALTERED IN ANY MANNER FOR USE AT ANY OTHER LOCATION OR FOR ANY OTHER PURPOSE WITHOUT THE PRIOR WRITTEN CONSENT OF GZA. ANY TRANSFER, REUSE, OR MODIFICATION TO THE DRAWING BY THE CLIENT OR OTHERS, WITHOUT THE PRIOR WRITTEN EXPRESS CONSENT OF GZA, WILL BE AT THE USER'S SOLE RISK AND WITHOUT ANY RISK OR LIABILITY TO GZA.

ATTACHMENT B.1.c.
RR SITES MAP – ACTIVITIES IN THE SITE VICINITY
(Site is labeled “Former Filling Station”)
410 East Center Street
Milwaukee, Wisconsin

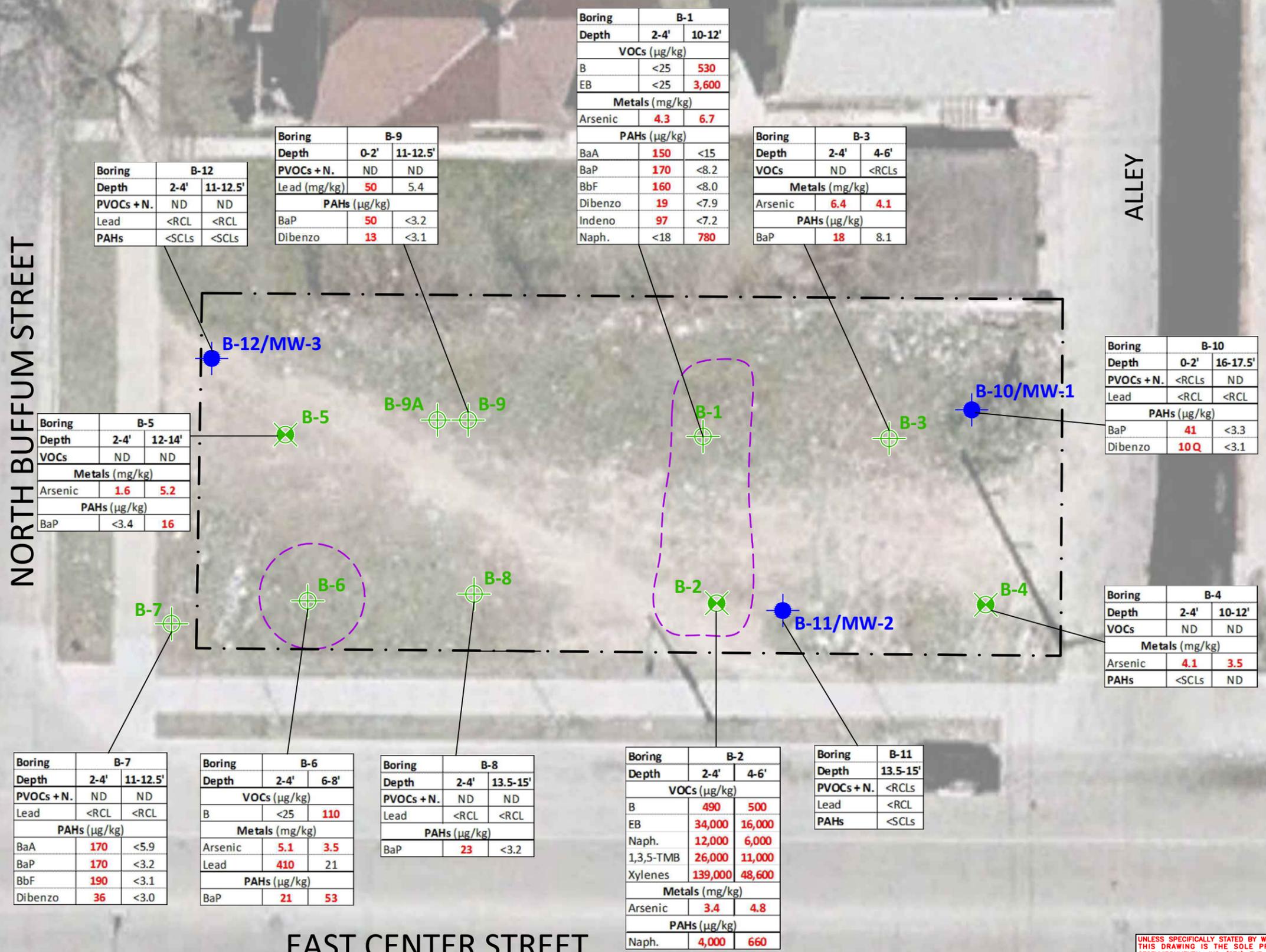


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NORTH BUFFUM STREET

EAST CENTER STREET

ALLEY



LEGEND

- APPROXIMATE SITE BOUNDARY
 - B-6 ⊕ PSI SOIL BORING
 - B-4 ⊗ PSI SOIL BORING AND TEMPORARY MONITORING WELL
 - B-12/MW-3 ⊕ PSI SOIL BORING/ PERMANENT MONITORING WELL
 - ESTIMATED EXTENT OF PRE-REMEDIATION NR 720 AND/OR NR 746 RCL EXCEEDANCES FOR PETROLEUM COMPOUNDS IN SOIL
- VOCs Volatile Organic Compounds
PVOCs Petroleum VOCs
PVOCs + N. PVOCs plus Naphthalene
PAHs Polycyclic Aromatic Hydrocarbons
µg/kg Micrograms per Kilogram
mg/kg Milligrams per Kilogram
ND Not detected
RCL Residual Contaminant Level
SCL Soil Screening Level
B Benzene
BaA Benzo(a)anthracene
BaP Benzo(a)pyrene
BbF Benzo(b)fluoranthene
Dibenzo Dibenzo(a,h)anthracene
EB Ethylbenzene
Indeno Indeno(1,2-cd)pyrene
Naph. Naphthalene
1,3,5-TMB 1,3,5-Trimethylbenzene

- NOTES
- Boring locations were obtained from the drawing "Boring Location Map" from the project "410 East Center Street, Milwaukee, WI, 054-5G017," prepared by PSI.
 - Soil samples were collected by PSI from borings B-1 through B-6 in February 2006, and from borings B-7 through B-12 in May 2006.
 - Analytical concentrations depicted in **Bold Red** font indicate an exceedance of the NR 720 Groundwater Pathway RCL and/or the NR746 Table 1 Screening Level for that compound.
 - The estimated extent of Pre-Remedial NR 720 Groundwater Pathway RCL and/or the NR 746 Table 1 Screening Level exceedances ("RCL Exceedances") for petroleum compounds (VOCs/PVOCs plus naphthalene) in soil based on Pre-Remediation analytical data is shown.
 - RCL/SCL exceedances for Arsenic and PAHs are presented in chemboxes on the figure but the exceedance areas for these non-petroleum compounds are not delineated with a RCL exceedance contour.
- 0 15' 30'
APPROXIMATE SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE
PRE-REMEDIATION PETROLEUM CONTAMINATION IN SOIL			
JOSE LUIS VARGAS 410 EAST CENTER STREET MILWAUKEE, WISCONSIN			
PREPARED BY:	GZA GeoEnvironmental, Inc. Engineers and Scientists 20900 SWENSON DRIVE, SUITE 150 WALKESHA, WISCONSIN 53186 (262) 754-2560	PREPARED FOR:	REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
PROJ MGR:	JFK	REVIEWED BY:	DGB
DESIGNED BY:	SEK	DRAWN BY:	CLK
DATE:	12/31/12	PROJECT NO.:	20.0152763
		REVISION NO.:	
			FIGURE B.2.a SHEET NO.

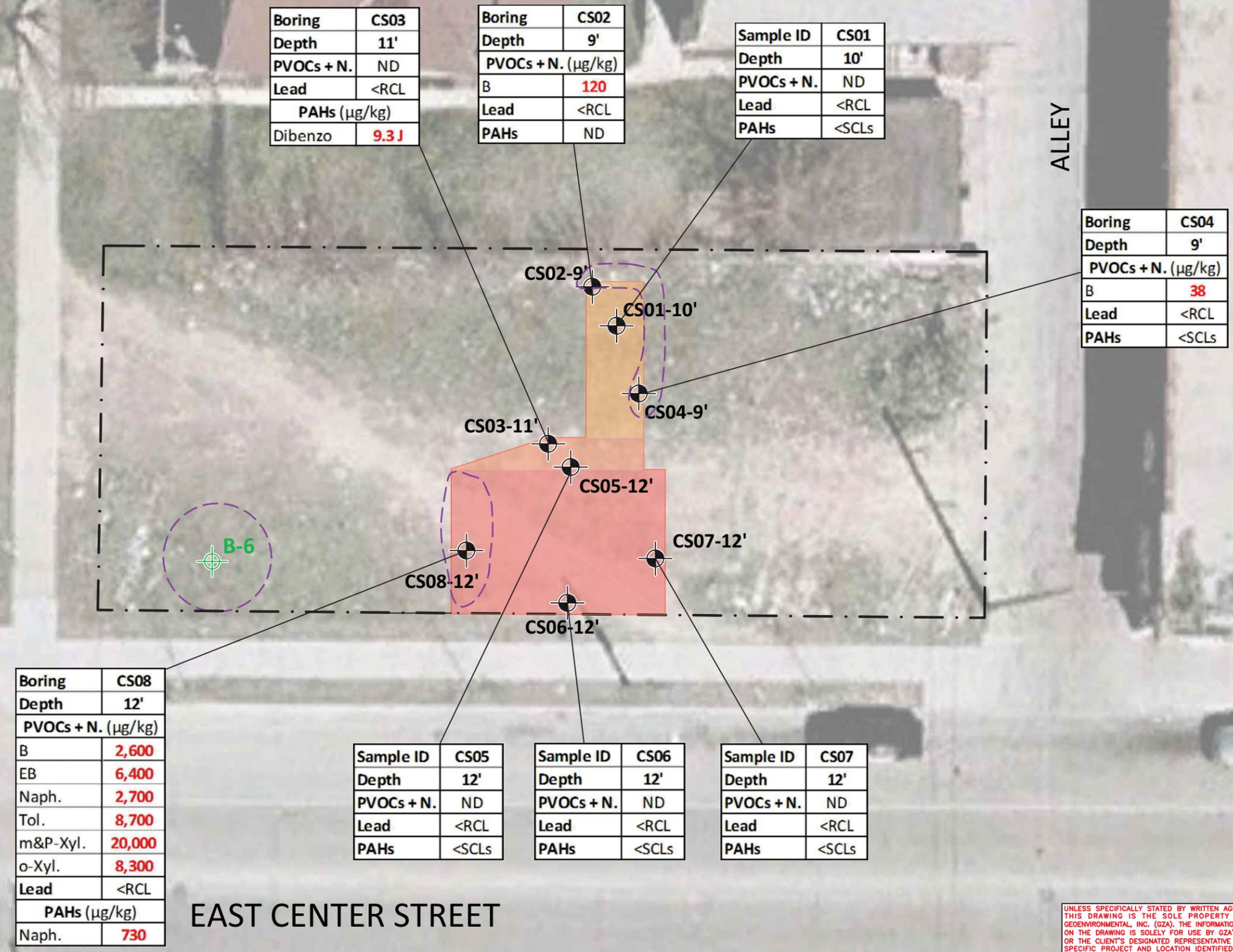
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NORTH BUFFUM STREET

ALLEY

EAST CENTER STREET



LEGEND

- . - - APPROXIMATE SITE BOUNDARY
- B-6 PSI SOIL BORING
- CS02-9' EXCAVATION CLOSURE SAMPLE AND DEPTH
- EXTENT OF PETROLEUM-IMPACTED SOIL EXCAVATION
 - AREA EXCAVATED TO DEPTH OF 10' BGS
 - AREA EXCAVATED TO DEPTH OF 11' BGS
 - AREA EXCAVATED TO DEPTH OF 12' BGS
- ESTIMATED EXTENT OF POST-REMEDIATION NR 720 AND/OR NR 746 RCL EXCEEDANCES FOR PETROLEUM COMPOUNDS IN SOIL

VOCs Volatile Organic Compounds
 PVOCs + N. Petroleum VOCs plus Naphthalene
 PAHs Polycyclic Aromatic Hydrocarbons
 BGS Below Ground Surface
 µg/kg Micrograms per Kilogram
 ND Not Detected
 RCL Residual Contaminant Level
 SCL Soil Screening Level
 B Benzene
 Dibenzo Dibenzo(a,h)anthracene
 EB Ethylbenzene
 Indeno Indeno(1,2-cd)pyrene
 Naph. Naphthalene
 Tol. Toluene
 m&p-Xyl. m&p-Xylenes
 o-Xyl. o-Xylenes

NOTES

- The area of petroleum-impacted soil excavation and locations of excavation closure samples are based on field measurements made by GZA during excavation and sampling activities performed at the Site in December 2010.
- The excavation was extended to depths ranging from 10 to 12 feet bgs, as shown.
- Analytical concentrations depicted in **Bold Red** font indicate an exceedance of the NR 720 Groundwater Pathway RCL and/or the NR746 Table 1 Screening Level for that compound.
- The estimated areas of Post-Remedial NR 720 Groundwater Pathway RCL and/or the NR 746 Table 1 Screening Level exceedances ("RCL Exceedances") for petroleum compounds (VOCs/PVOCs plus naphthalene) remaining in soil upon completion of excavation activities are shown.
- SCL exceedances for PAHs are also presented in chemboxes but the exceedance areas for these non-petroleum compounds are not delineated with RCL exceedance contours.

0 15' 30'
 APPROXIMATE SCALE IN FEET

N

NO.	ISSUE/DESCRIPTION	BY	DATE
POST-REMEDIATION PETROLEUM CONTAMINATION IN SOIL			
JOSE LUIS VARGAS 410 EAST CENTER STREET MILWAUKEE, WISCONSIN			
PREPARED BY:	GZA GeoEnvironmental, Inc. Engineers and Scientists 20900 SWENSON DRIVE, SUITE 150 WALKESSHA, WISCONSIN 53186 (262) 754-2560	PREPARED FOR:	REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
PROJ MGR:	JFK	REVIEWED BY:	DGB
DESIGNED BY:	SEK	DRAWN BY:	CLK
DATE:	12/31/12	PROJECT NO.:	20.0152763
		REVISION NO.:	
			FIGURE B.2.b SHEET NO.

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NORTH BUFFUM STREET

ALLEY

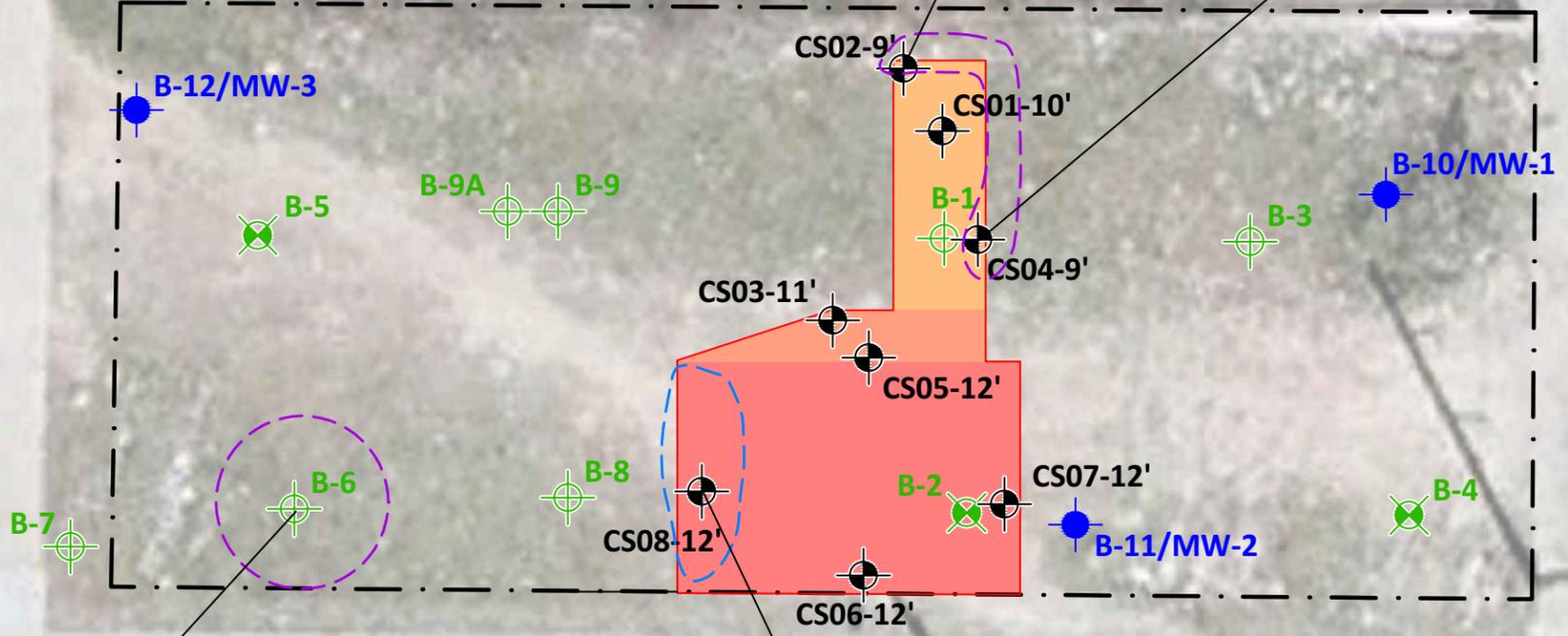
EAST CENTER STREET

Boring	B-6	
Depth	2-4'	6-8'
VOCs (µg/kg)		
B	<25	110
Metals (mg/kg)		
Arsenic	5.1	3.5
Lead	410	21
PAHs (µg/kg)		
BaP	21	53

Boring	CS08
Depth	12'
PVOCs + N. (µg/kg)	
B	2,600
EB	6,400
Naph.	2,700
Tol.	8,700
m&P-Xyl.	20,000
o-Xyl.	8,300
Lead	<RCL
PAHs (µg/kg)	
Naph.	730

Boring	CS02
Depth	9'
PVOCs + N. (µg/kg)	
B	120
Lead	<RCL
PAHs	ND

Boring	CS04
Depth	9'
PVOCs + N. (µg/kg)	
B	38
Lead	<RCL
PAHs	<SCLs



LEGEND

- APPROXIMATE SITE BOUNDARY
- B-6 PSI SOIL BORING
- B-4 PSI SOIL BORING AND TEMPORARY MONITORING WELL
- B-12/MW-3 PSI SOIL BORING/ PERMANENT MONITORING WELL
- CS02-9' EXCAVATION CLOSURE SAMPLE AND DEPTH
- ESTIMATED EXTENT OF POST-REMEDIAL NR 720 GROUNDWATER PATHWAY RCL EXCEEDANCES FOR PETROLEUM COMPOUNDS IN SOIL
- ESTIMATED EXTENT OF POST-REMEDIAL NR 720 GROUNDWATER PATHWAY RCL AND NR 746 RCL EXCEEDANCES FOR PETROLEUM COMPOUNDS IN SOIL
- EXTENT OF PETROLEUM-IMPACTED SOIL EXCAVATION
- AREA EXCAVATED TO DEPTH OF 10' BGS
- AREA EXCAVATED TO DEPTH OF 11' BGS
- AREA EXCAVATED TO DEPTH OF 12' BGS

VOCs Volatile Organic Compounds
 PVOCs + N. Petroleum VOCs plus Naphthalene
 PAHs Polycyclic Aromatic Hydrocarbons
 BGS Below Ground Surface
 µg/kg Micrograms per Kilogram
 mg/kg Milligrams per Kilogram
 ND Not Detected
 RCL Residual Contaminant Level
 SCL Soil Screening Level
 B Benzene
 EB Ethylbenzene
 Naph. Naphthalene
 Tol. Toluene
 m&p-Xyl. m&p-Xylenes
 o-Xyl. o-Xylenes

NOTES

- The area of petroleum-impacted soil excavation and locations of excavation closure samples are based on field measurements made by GZA during excavation and sampling activities performed at the Site in December 2010.
- The excavation was extended to depths ranging from 10 to 12 feet bgs, as shown.
- Analytical concentrations depicted in **Bold Red** font indicate an exceedance of the NR 720 Groundwater Pathway RCL and/or the NR746 Table 1 Screening Level for that compound.
- The estimated areas of Post-Remedial NR 720 Groundwater Pathway RCL and/or the NR 746 Table 1 Screening Level exceedances ("RCL Exceedances") for petroleum compounds (VOCs/PVOCs plus naphthalene) remaining in soil upon completion of excavation activities are shown.
- SCL/RCL exceedances for PAHs, arsenic, and lead are also presented in chemboxes but the exceedance areas for these non-petroleum compounds are not delineated with RCL exceedance contours.

0 15' 30'
 APPROXIMATE SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE
PRE/POST-REMEDIATION - REMAINING PETROLEUM CONTAMINATION IN SOIL			
JOSE LUIS VARGAS 410 EAST CENTER STREET MILWAUKEE, WISCONSIN			
PREPARED BY:	GZA GeoEnvironmental, Inc. Engineers and Scientists 20900 SWENSON DRIVE, SUITE 150 WALKESSHA, WISCONSIN 53186 (262) 754-2560	PREPARED FOR:	REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE
PROJ MGR:	JFK	REVIEWED BY:	DGB
DESIGNED BY:	SEK	DRAWN BY:	CLK
DATE:	12/31/12	PROJECT NO.:	20.0152763
		REVISION NO.:	
			FIGURE B.2.c SHEET NO.

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ATTACHMENT B.3.a
Geologic Cross-Section Figure
Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin



PSI personnel informed GZA during a phone conversation in December 2012, that PSI had not prepared a Site Investigation Report to summarize their 2006 Site investigation activities. PSI also stated that the file that had previously contained documents related to historical Site investigation activities had been purged. As such, boring logs and test pit logs prepared by PSI during Site investigation activities in 2006 were not available to GZA, and a geologic cross-section, therefore, was not prepared.

ATTACHMENT B.3.b
Groundwater Isoconcentration Figure
Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin

There were no Wisconsin Administrative Code (WAC) Chapter NR 140 Preventative Action Limit (PAL) or Enforcement Standard (ES) exceedances in the most recent set of groundwater samples collected from the Site in March 2012. As such, a Groundwater Isoconcentration Figure showing the horizontal extent of post-remedial groundwater contamination exceeding WAC Chapter NR 140 PALs and/or ESs was not prepared.



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NORTH BUFFUM STREET

ALLEY

EAST CENTER STREET



LEGEND

- APPROXIMATE SITE BOUNDARY
- B-12/MW-3 PSI SOIL BORING/ PERMANENT MONITORING WELL

1. Well locations were obtained from the drawing "Boring Location Map" from the project "410 East Center Street, Milwaukee, WI, 054-5G017," prepared by PSI.
2. Monitoring wells were surveyed by PSI relative to a Site benchmark with an assigned elevation of 100 feet. Surveyed top of well casing and adjacent ground surface elevations were obtained from "Table 2 - Groundwater Elevation Data", prepared by PSI.
3. Groundwater elevations are based on top of well casing elevations (surveyed historically by PSI) and depth to groundwater measurements collected by GZA on March 26, 2012.
4. Groundwater in MW-2 appears to be perched due to the presence of fill material in the vicinity of the well. The inferred groundwater flow direction is not depicted on the figure due to the variation in groundwater elevations caused by the apparent perched conditions at MW-2.



NO.	ISSUE/DESCRIPTION	BY	DATE

GROUNDWATER ELEVATIONS
MARCH 26, 2012

JOSE LUIS VARGAS
410 EAST CENTER STREET
MILWAUKEE, WISCONSIN

PREPARED BY:
 GZA GeoEnvironmental, Inc.
Engineers and Scientists
20900 SWENSON DRIVE, SUITE 150
WALKESHA, WISCONSIN 53186
(262) 754-2560

PREPARED FOR:
REDEVELOPMENT AUTHORITY
OF THE CITY OF MILWAUKEE

PROJ MGR: JFK	REVIEWED BY: DGB	CHECKED BY: DGB	FIGURE B.3.c
DESIGNED BY: SEK	DRAWN BY: CLK	SCALE:	
DATE: 12/31/12	PROJECT NO.: 20.0152763	REVISION NO.:	SHEET NO.

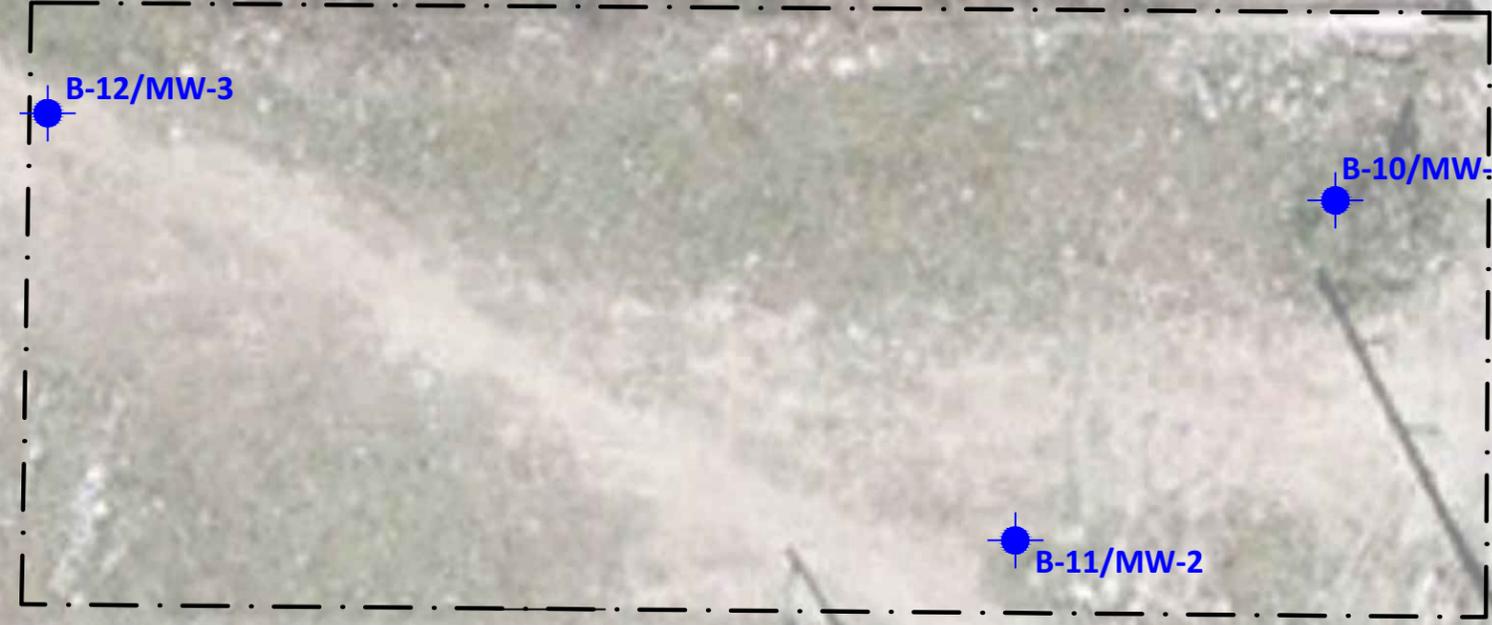
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NORTH BUFFUM STREET

ALLEY

EAST CENTER STREET



LEGEND

- APPROXIMATE SITE BOUNDARY
- B-12/MW-3 PSI SOIL BORING/PERMANENT MONITORING WELL (TO BE ABANDONED UPON RECEIPT OF REGULATORY CLOSURE)

1. Well locations were obtained from the drawing "Boring Location Map" from the project "410 East Center Street, Milwaukee, WI, 054-5G017," prepared by PSI.



NO.	ISSUE/DESCRIPTION	BY	DATE
MONITORING WELLS			
JOSE LUIS VARGAS 410 EAST CENTER STREET MILWAUKEE, WISCONSIN			
PREPARED BY: GZA GeoEnvironmental, Inc. Engineers and Scientists 20900 SWENSON DRIVE, SUITE 150 WALKESHA, WISCONSIN 53186 (262) 754-2560		PREPARED FOR: REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE	
PROJ MGR: JFK	DESIGNED BY: SEK	REVIEWED BY: DGB	CHECKED BY: DGB
DATE: 12/31/12	DRAWN BY: CLK	SCALE:	FIGURE B.3.d
	PROJECT NO. 20.0152763	REVISION NO.	SHEET NO.

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ATTACHMENT B.4.a
VAPOR INTRUSION MAP
Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin



Vapor sampling was not performed at the Site (and a Vapor Intrusion Map, therefore, was not prepared) based on the following:

- There is no building present on the Site and petroleum impacts in soil do not extend onto off-Site properties based on Site investigation data;
- The bulk of petroleum-impacted soil historically present at the Site was excavated and disposed of as part of a remedial action in December 2010. The extent of residual petroleum-impacted soil remaining at the Site is limited; and
- There were no Wisconsin Administrative Code (WAC) Chapter NR 140 Preventative Action Limit (PAL) exceedances for volatile organic compounds (VOCs) in the most recent set of groundwater samples collected from the Site in March 2012.

**ATTACHMENT B.4.b
OTHER MEDIA OF CONCERN MAP
Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin**



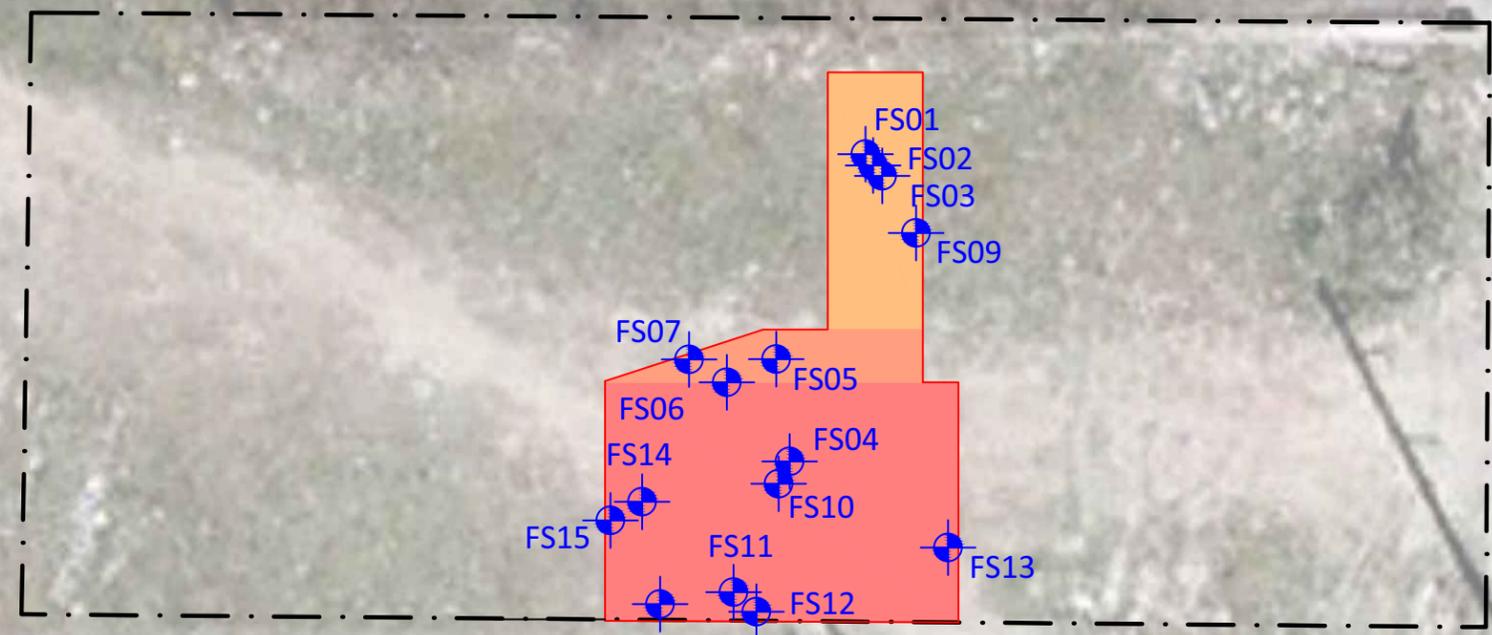
Additional media of concern (sediment, surface water, etc.) were not identified during investigation and remediation activities at the Site. As such, Attachment B.4.b is not applicable.

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NORTH BUFFUM STREET

ALLEY

EAST CENTER STREET



LEGEND

- APPROXIMATE SITE BOUNDARY
- FS01 FIELD SCREEN SAMPLE LOCATION
- EXTENT OF PETROLEUM-IMPACTED SOIL EXCAVATION
- AREA EXCAVATED TO DEPTH OF 10' BGS
- AREA EXCAVATED TO DEPTH OF 11' BGS
- AREA EXCAVATED TO DEPTH OF 12' BGS

Field Screen Sample ID	Depth (feet bgs)	PID Reading (I.U.)
FS01	3.5	125.6
FS02	8	680.5
FS03	10	0.0
FS04	4	109.8
FS05	8	120.4
FS06	9	423.3
FS07	11	0.0
FS08	8	205.1
FS09	9	0.4
FS10	12	0.2
FS11	9	136.9
FS12	12	0.4
FS13	12	0.6
FS14	9	89.6
FS15	12	0.9

BGS BELOW GROUND SURFACE
 I.U. INSTRUMENT UNITS
 PID PHOTOIONIZATION DETECTOR

NOTES

1. Field samples were collected for screening with a PID during excavation activities at the locations shown. The excavation was generally extended laterally and/or deeper at the locations with elevated PID results.
2. The excavation was extended to final depths ranging from 10 to 12 feet bgs, as shown. Closure samples were collected from the sidewalls/floor of the final excavation area. Results for closure samples are presented on figure B.2.b.



NO.	ISSUE/DESCRIPTION	BY	DATE

**FIELD SCREENING RESULTS
 DURING EXCAVATION ACTIVITIES**

JOSE LUIS VARGAS
 410 EAST CENTER STREET
 MILWAUKEE, WISCONSIN

PREPARED BY: **GZA GeoEnvironmental, Inc. Engineers and Scientists**
 20900 SWENSON DRIVE, SUITE 150
 WALKESHA, WISCONSIN 53186
 (262) 754-2560

PREPARED FOR: REDEVELOPMENT AUTHORITY OF THE CITY OF MILWAUKEE

PROJ MGR: JFK	REVIEWED BY: DGB	CHECKED BY: DGB	FIGURE B.4.c SHEET NO.
DESIGNED BY: SEK	DRAWN BY: CLK	SCALE:	
DATE: 12/31/12	PROJECT NO.: 20.0152763	REVISION NO.:	

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Documentation of Remedial Action (Attachment C)

DISCLAIMER

Documents contained in Attachment C of the Case Closure – GIS Registry (Form 4400-202) are not included in the electronic version (GIS Registry Packet) available on RR Sites Map to limit file size.

For information on how to obtain a copy or to review the file, please contact the Remediation & Redevelopment (RR) Environmental Program Associate (EPA) at <http://dnr.wi.gov/topic/Brownfields/Contact.html>



**ATTACHMENTS D.1 THROUGH D.5
MAINTENANCE PLAN**

**Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin**



The closure request for the Site does not include a cap maintenance plan, vapor mitigation system, or other engineering control. As such, Attachments D.1 through D.5 are not applicable.

**ATTACHMENT E
MONITORING WELL INFORMATION**

**Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin**



Three monitoring wells (MW-1 through MW-3) are located on the Site. The locations of the wells are known, and the wells will be properly abandoned upon the Wisconsin Department of Natural Resources (WDNR) granting regulatory closure to the Site.

**ATTACHMENT F
NOTIFICATIONS TO OWNERS OF IMPACTED PROPERTIES**

**Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin**



Attachment F was deemed “not applicable” to the case closure request based on the following:

- The Redevelopment Authority of the City of Milwaukee (RACM) currently owns the Site and has been identified as the Responsible Party for this BRRTS activity (03-41-556647); and
- Residual petroleum impacts identified in soils at the Site are located beneath the direct-contact zone and do not appear to extend into the right-of-way or onto neighboring properties.

**ATTACHMENT G.1
DEED
Jose Luis Vargas
410 East Center Street
Milwaukee, Wisconsin**



Based on information provided by the Redevelopment Authority of the City of Milwaukee (RACM), the City of Milwaukee is the current Site owner and the most recent “deed” for the Site is a Foreclosure Judgment that includes several tax parcels in addition to the Site. The Site is listed as Parcel 41 on page 5 of the attached Foreclosure Judgment document.

IN THE MATTER OF THE FORECLOSURE
OF TAX LIENS PURSUANT TO SEC. 75.521,
WISCONSIN STATUTES, BY THE CITY OF MILWAUKEE
MILWAUKEE, A MUNICIPAL CORPORATION

ORDER For
JUDGMENT
Case No. 09CV017842
CODE NO. 30405

List of Tax Liens for 2009 No. 03

Clerk of Circuit Court

The list of parcels of property affected by unpaid tax liens as shown on the delinquent tax rolls in the Treasurer's Office of the City of Milwaukee and Milwaukee County wherein said parcels have been sold to the City of Milwaukee for delinquent taxes and County of Milwaukee having assigned its interest to the City of Milwaukee and one year has elapsed and a petition for judgment vesting title to petitioner in each of the parcels of land in the City and County of Milwaukee remaining unredeemed or for which no answer pursuant to Sec. 75.521(7), Stats., having been duly filed in the Office of the Clerk of Court of Milwaukee County on the 11th day of November, 2009 and a copy of the petition and that part of the list of tax liens as includes a description of the parcels having been mailed by certified mailing, return receipt requested as evidenced by the affidavit of JAMES L. HANNA, Deputy City Treasurer of the City of Milwaukee, duly filed with the Clerk of Circuit of Court of Milwaukee; and said affidavit evidencing the posting of the tax liens and publication of the notice of commencement of this special proceeding including the list of tax liens and the petition herein, and setting forth those parcels which have been timely redeemed except for: 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 54, 56, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 76.

And the affidavit of Mark W. C. Stodder, Publisher of the Daily Reporter attached thereto as Exhibit "A"; and Attorney , having been duly appointed guardian ad litem pursuant to Sec. 75.521(12)(8) Stats.;

NOW, THEREFORE, on motion of Grant F. Langley, city Attorney for the City of Milwaukee, by Megan Crump, Assistant City Attorney, attorneys for petitioner, and by authority of Sec. 75.521(8) Stats.,

IT IS ORDERED AND ADJUDGED:

1. That there has been failure to redeem or answer by any person having the right to redeem or answer as provided by Sec. 75.521 Stats., as to parcels: 4, 5, 6, 7, 8, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 54, 56, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 76.
2. That all persons claiming under and through the person or persons having the right to redeem or answer from and after the 20th day of January, 2010 are foreclosed of all their right, title and interest and equity of redemption in and to parcels: 4, 5, 6, 7, 8, 10, 12, 13, 14, 15, 16, 17, 18, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 51, 52, 53, 54, 56, 58, 59, 60, 61, 62, 63, 64, 65, 66, 69, 70, 71, 72, 73, 74, 76.
3. That the City of Milwaukee is vested with an estate in fee simple absolute in the below list of parcels subject to all unpaid taxes and charges which are subsequent to the latest dated valid tax lien appearing on the 2009 List of Tax Liens No. 03, filed herein and subject to recorded restrictions as provided by Sec. 75.14(4), Stats., and that all persons, both natural and artificial, including the State of Wisconsin, infants, incompetents, absentees and nonresidents who may have any right, title, interest, claim, lien or equity of redemption are forever barred and foreclosed of such right, title, interest claim, lien or equity of redemption:

PARCEL: 4 TAXKEY: 245-2204-000-9 (0)
ADDRESS & DESCRIPTION: 4321 4321 N 21ST ST
ZINGEN & BRAUN'S CLAREMONT IN SW 1/4 SEC 6-7-22 BLOCK 4 LOT 12

PARCEL: 5 TAXKEY: 245-2216-000-4 (0)
ADDRESS & DESCRIPTION: 4332 4332 N 22ND ST
ZINGEN & BRAUN'S CLAREMONT IN SW 1/4 SEC 6-7-22 BLOCK 4 LOT 24

PARCEL: 6 TAXKEY: 266-0566-000-1 (0)
ADDRESS & DESCRIPTION: 3607 3609 N 55TH ST
GRASSLYN MANOR IN NW 1/4 SEC 11-7-21 BLOCK 21 LOT 6

PARCEL: 7 TAXKEY: 267-0680-100-5 (0)
ADDRESS & DESCRIPTION: 4345 4347 W FOND DU LAC AV
RAINBOW RIDGE IN NE 1/4 SEC 11-7-21 BLOCK 4 LOTS 13 & 14

PARCEL: 8 TAXKEY: 268-0162-000-X (0)
ADDRESS & DESCRIPTION: 3938 3938 N 42ND ST
BADGER SUBD IN NW 1/4 SEC 12-7-21 BLOCK 3 LOT 14 & N 10' LOT 15

PARCEL: 10 TAXKEY: 270-0609-000-7 (0)
ADDRESS & DESCRIPTION: 3721 3721 N 24TH PL
LA BOULE'S SUBD, ALICE IN NW 1/4 SEC 7-7-22 BLOCK 1 S 24' LOT 9 & N 10' LOT 10

PARCEL: 12 TAXKEY: 271-2706-000-8 (0)
ADDRESS & DESCRIPTION: 1938 1940 W KEEFE AV
WITTIG'S SUBD (JOS) ETC IN SW 1/4 OF NE 1/4 SEC 7-7-22 BLOCK 1 LOT 10

PARCEL: 13 TAXKEY: 285-0780-000-0 (0)
ADDRESS & DESCRIPTION: 3233 3235 N 26TH ST
GRAND VIEW IN SW 1/4 SEC 7-7-22 BLOCK 4 LOT 6

PARCEL: 14 TAXKEY: 285-0801-000-3 (0)
ADDRESS & DESCRIPTION: 2621 2623 W AUER AV
GRAND VIEW IN SW 1/4 SEC 7-7-22 BLOCK 5 LOT 6

PARCEL: 15 TAXKEY: 285-2142-000-8 (0)
ADDRESS & DESCRIPTION: 3342 3342 A N 21ST ST
WECHSELBERG'S SUBD IN SW 1/4 SEC 7-7-22 BLOCK 3 E 52' LOT 39 & EASEMENT AS CONV IN
DOC 2953666 V 2766 P 444

PARCEL: 16 TAXKEY: 286-0675-000-7 (0)
ADDRESS & DESCRIPTION: 3217 3217 W SENATOR AV
FOND DU LAC & BURLEIGH LAND CO SUBD NO 1 SE 1/4 SEC 12-7-21 BLOCK 5 LOT 4 & W 10' LOT
5 TID # 74

PARCEL: 17 TAXKEY: 309-0157-000-7 (0)
ADDRESS & DESCRIPTION: 3001 3001 N 28TH ST
CAWKER'S SUBD 'A' IN NE 1/4 SEC 13-7-21 BLOCK 2 LOT 20 & PART VAC ALLEY ADJ

PARCEL: 18 TAXKEY: 309-0184-000-4 (0)
ADDRESS & DESCRIPTION: 3053 3053 N 29TH ST
CAWKER'S SUBD 'A' IN NE 1/4 SEC 13-7-21 BLOCK 3 LOT 7

PARCEL: 21 TAXKEY: 309-0666-000-4 (0)
ADDRESS & DESCRIPTION: 2930 2930 W LOCUST ST
FOND DU LAC AVENUE ADDITION OF LOTS 13 TO 35 INCL OF CAWKERS SUBD IN NE 1/4 SEC 13-
7-21 BLOCK 5 W 41' (LOTS 19 & 20)

PARCEL: 22 TAXKEY: 309-0693-000-1 (0)
ADDRESS & DESCRIPTION: 2858 2858 N 30TH ST
FOND DU LAC AVENUE ADDITION OF LOTS 13 TO 35 INCL OF CAWKERS SUBD IN NE 1/4 SEC 13-
7-21 BLOCK 8 LOT 6

PARCEL: 23 TAXKEY: 309-1118-000-2 (0)
ADDRESS & DESCRIPTION: 2919 2919 W FOND DU LAC AV
PAULINE'S SUBD IN NE 1/4 SEC 13-7-21 BLOCK 3 LOTS 3-4-5-6 & SELY 15' LOT 2

PARCEL: 24 TAXKEY: 310-0450-000-0 (0)
ADDRESS & DESCRIPTION: 2725 2727 N 20TH ST
BRYANT & HENRY'S SUBD IN E 1/2 OF NW 1/4 SEC 18-7-22 BLOCK 4 LOT 4

PARCEL: 25 TAXKEY: 310-1057-000-2 (0)
ADDRESS & DESCRIPTION: 2941 2943 N 20TH ST
HELLER'S SUBD,(S) IN NW 1/4 SEC 18-7-22 BLOCK 12 LOT 21 & N 4' LOT 22

PARCEL: 26 TAXKEY: 310-1869-110-0 (0)
ADDRESS & DESCRIPTION: 2456 2458 W CENTER ST
RICE'S SUBD IN W 1/2 OF NW 1/4 SEC 18-7-22 BLOCK 14 S 67' (W 14' LOT 14 & LOT 15) EXC S 2' FOR
ST & SUBJ TO EASEMENT

PARCEL: 27 TAXKEY: 310-9969-000-6 (0)
ADDRESS & DESCRIPTION: 2469 2471 W LOCUST ST
LANDS IN NW 1/4 SEC 18-7-22 THAT PART OF LANDS & LOT 28 BLK 11 L WECHSELBERG'S SUBD
NO 2 ADJ COM S LI W LOCUST ST 82' E OF E LI N 25TH ST-THE 40' TH S 64.50'-TH W 40'-TH N
64.50' TO BEG

PARCEL: 28 TAXKEY: 311-0410-000-X (0)
ADDRESS & DESCRIPTION: 1506 1506 W COLUMBIA ST
BRAND'S SUBD NO 3 IN NE 1/4 SEC 18-7-22 LOT 9

PARCEL: 29 TAXKEY: 311-0511-000-9 (0)
ADDRESS & DESCRIPTION: 2804 2804 N 15TH ST
BREMBACH'S SUBD IN NE 1/4 SEC 18-7-22 BLOCK 2 LOT 11 TID #44

PARCEL: 30 TAXKEY: 311-1316-000-7 (0)
ADDRESS & DESCRIPTION: 1802 1804 W LOCUST ST
H HAERTEL'S ADDN NO 2 IN NE 1/4 SEC 18-7-22 BLOCK 5 E 40'(LOTS 21, 22 & 23)

PARCEL: 31 TAXKEY: 311-1501-000-2 (0)
ADDRESS & DESCRIPTION: 3015 3015 N TEUTONIA AV
HAMMANN'S SUBD IN NE 1/4 SEC 18-7-22 BLOCK 1 LOT 1

PARCEL: 32 TAXKEY: 311-1502-000-8 (0)
ADDRESS & DESCRIPTION: 3007 3007 N TEUTONIA AV
HAMMANN'S SUBD IN NE 1/4 SEC 18-7-22 BLOCK 1 LOT 2 & N 12.28' LOT 3

PARCEL: 33 TAXKEY: 311-1740-000-2 (0)
ADDRESS & DESCRIPTION: 1821 1823 W LOCUST ST
LUDINGTON'S ADDN OF 24.50 ACRES IN NE 1/4 SEC 18-7-22 BLOCK 12 E 40'(LOTS 1 & 2) TID #44

PARCEL: 34 TAXKEY: 311-2081-000-9 (0)
ADDRESS & DESCRIPTION: 1612 1614 W CENTER ST
LUDINGTON'S SUBD OF BLKS 9,10 & 17 & LOTS 1,2,4 & 5 BLK 18 HAERTEL'S ADDN NO 2 IN NE 1/4
SEC 18-7-22 BLOCK 17 LOT 21 TID #44

PARCEL: 35 TAXKEY: 311-2305-000-5 (0)
ADDRESS & DESCRIPTION: 1442 1442 W CHAMBERS ST
MAYHEW'S SUBD,(G W) OF LOTS 6,7,9,10 & 11 IN SUBD OF 20.28 AC OF LAND IN NE 1/4 OF NE 1/4
SEC 18-7-22 BLOCK 1 LOT 6

PARCEL: 36 TAXKEY: 313-0110-000-3 (0)
ADDRESS & DESCRIPTION: 2904 2904 N 5TH ST
ASSESSMENT SUBD NO 28 IN NE 1/4 SEC 17-7-22 BLOCK 2 W 150' LOT 26

PARCEL: 37 TAXKEY: 313-0748-000-2 (0)
ADDRESS & DESCRIPTION: 3012 3014 N 2ND ST
BROWN'S SUBD,(D T) OF LOT G IN PARTITION NE 1/4 SEC 17-7-22 BLOCK 3 N 34.34' (LOTS 12 & 13)

PARCEL: 38 TAXKEY: 313-1132-000-1 (0)
ADDRESS & DESCRIPTION: 2726 2726 N 2ND ST
PERELES & CO'S SUBD OF LOT A IN NE 1/4 SEC 17-7-22 BLOCK 2 LOT 16

PARCEL: 39 TAXKEY: 313-1251-000-9 (0)
ADDRESS & DESCRIPTION: 2747 2747 N RICHARDS ST
PERELES BURKE & TOWNSEND'S SUBD IN NE 1/4 SEC 17-7-22 BLOCK 7 LOT 14

PARCEL: 40 TAXKEY: 314-0406-000-X (0)
ADDRESS & DESCRIPTION: 603 603 E LOCUST ST
MACK & NEYMANN'S SUBD IN NW 1/4 SEC 16-7-22 BLOCK 1 N 45' (LOTS 10-11 & W 12' LOT 9)

PARCEL: 41 TAXKEY: 321-1805-000-1 (0)
ADDRESS & DESCRIPTION: 410 410 E CENTER ST
J L PIERCE'S SUBD OF LOTS 56 AND 57 IN NW 1/4 & SW 1/4 SEC 16-7-22 BEING HIS SUBD NO 2 OF
LOTS IN SAID SECTION 16 BLOCK 55 LOT 13

PARCEL: 42 TAXKEY: 322-0533-000-2 (0)
ADDRESS & DESCRIPTION: 2512 2514 N 1ST ST
JOHN B A KERN'S SUBD NO 2 IN SE 1/4 SEC 17-7-22 BLOCK 218 LOT 24- N 5' OF W 110' LOT 23

PARCEL: 43 TAXKEY: 322-0987-000-1 (0)
ADDRESS & DESCRIPTION: 2603 2605 N 5TH ST
WM P YOUNG'S SUBD OF W 58.722 ACRES IN SE 1/4 SEC 17-7-22 BLOCK 3 (LOT 15 & S 10' LOT 14)
EXC W 72.5' TID 59

PARCEL: 44 TAXKEY: 322-1075-000-1 (0)
ADDRESS & DESCRIPTION: 2528 2530 N 4TH ST
WM P YOUNG'S SUBD OF W 58.722 ACRES IN SE 1/4 SEC 17-7-22 BLOCK 6 LOT 21 TID 59

PARCEL: 45 TAXKEY: 324-2035-000-6 (0)
ADDRESS & DESCRIPTION: 2464 2466 N 14TH ST
SUBDIVISION OF LOT 1 IN PARTN OF 31.12 AC E 1/2 SE 18-7-22 BLOCK 6 LOT 8 TID #44

PARCEL: 46 TAXKEY: 324-9871-000-9 (0)
ADDRESS & DESCRIPTION: 2439 2439 N 15TH ST
LANDS IN SE 1/4 SEC 18-7-22 THAT PART SD LANDS COM SE COR LOT 4 BLK 1 HANAUER'S
SUBD-TH S 35'-TH W 142.50'-TH N 35'-TH E 142.50' TO BEG TID #44

PARCEL: 47 TAXKEY: 325-0319-000-0 (0)
ADDRESS & DESCRIPTION: 2028 2028 W WRIGHT ST
FRITZE'S SUBD OF LOTS 2,3&4 WILLIAMS SUBD SW 1/4 SEC 18-7-22 BLOCK 9 LOT 19

PARCEL: 48 TAXKEY: 325-0447-000-7 (0)
ADDRESS & DESCRIPTION: 2405 2407 N 22ND ST
FRITZE'S SUBD OF LOTS 2,3&4 WILLIAMS SUBD SW 1/4 SEC 18-7-22 BLOCK 14 LOT 37

PARCEL: 49 TAXKEY: 325-0628-000-0 (0)
ADDRESS & DESCRIPTION: 2008 2008 W CLARKE ST
MANN, BURKE & SOMERS SUBD OF LOTS 5,6 & 7 IN WILLIAMS SUBD IN SW 1/4 SEC 18-7-22
BLOCK 1 LOT 27

PARCEL: 51 TAXKEY: 325-1319-100-5 (0)
ADDRESS & DESCRIPTION: 2420 2420 W CLARKE ST
SUBD OF LOTS 9 & 10 OF WILLIAMS SUBD IN SW 1/4 SEC 18-7-22 BLOCK 1 LOT 23 & E 39.5' LOT
24 & ALL LOT 5 IN BLOCK 1 LYING N OF W CLARKE ST & W OF N-S ALLEY IN SUBD OF LOT 8
WILLIAMS SUBD

PARCEL: 52 TAXKEY: 327-0952-000-7 (0)
ADDRESS & DESCRIPTION: 3710 3712 W NORTH AV
SHERMAN PARK IN SW 1/4 SEC 13-7-21 BLOCK 2 LOT 19 TID #40; BID #28

PARCEL: 53 TAXKEY: 328-0643-000-4 (0)
ADDRESS & DESCRIPTION: 2348 2350 N 45TH ST
EWENS SUBD IN SE 1/4 SEC 14-7-21 BLOCK 2 N 15' LOT 32 & S 25' LOT 33

PARCEL: 54 TAXKEY: 328-1434-000-6 (0)
ADDRESS & DESCRIPTION: 2451 2453 N 45TH ST
MARKHAM'S ADDITION IN SE 1/4 SEC 14-7-21 BLOCK 3 S 8' LOT 4 & N 29' LOT 5

PARCEL: 56 TAXKEY: 348-0281-000-X (0)
ADDRESS & DESCRIPTION: 1933 1933 N 38TH ST
GRAND VIEW PARK IN NW 1/4 SEC 24-7-21 BLOCK 5 LOT 7

PARCEL: 58 TAXKEY: 349-0350-000-1 (0)
ADDRESS & DESCRIPTION: 3309 3309 W LLOYD ST
COLUMBIA PARK IN NE 1/4 SEC 24-7-21 BLOCK 8 E 39' OF W 75' (LOTS 1 & 2)

PARCEL: 59 TAXKEY: 349-0734-100-5 (0)
ADDRESS & DESCRIPTION: 3044 3044 W LISBON AV
CONTINUATION OF MILLER'S PARK OF E 1/2 OF NE 1/4 SEC 24-7-21 BLOCK 5 LOTS (28 THRU 37)
EXC W 120' SUBJ TO EASMT & PART (LOTS 38 THRU 44 & VAC ALLEY) COM 70' N OF SE COR
LOT 44-TH N 119.74'-TH W 51.34'-TH S 38.50'-TH W 61.90'-TH S 45.333' M/L-TH W 60'-TH S 79.297'M/L-
THELY 83.67'-TH N 62'-TH E TO BEG

PARCEL: 60 TAXKEY: 349-0734-200-1 (0)
ADDRESS & DESCRIPTION: 1812 1812 N 31ST ST
CONTINUATION OF MILLER'S PARK OF E 1/2 OF NE 1/4 SEC 24-7-21 BLOCK 5 PART LOTS 39-40 &
VAC ALLEY COM E LI N 31ST ST & 668.50' S OF S LI W BROWN ST-TH E 60'-TH S 45.333'M/L-TH W
60'-TH N TO BEG

PARCEL: 61 TAXKEY: 349-0735-100-0 (0)
ADDRESS & DESCRIPTION: 3034 3034 W LISBON AV
CONTINUATION OF MILLER'S PARK OF E 1/2 OF NE 1/4 SEC 24-7-21 BLOCK 5 PART LOTS (41
THRU 44) COM 70' N OF SE COR LOT 44- TH S 70'-TH WLY 101.75'-TH N 62'-TH E TO BEG

PARCEL: 62 TAXKEY: 349-2405-000-6 (0)
ADDRESS & DESCRIPTION: 1719 1721 N 33RD ST
UHRIG'S SUBD NO 2 IN NE 1/4 SEC 24-7-21 BLOCK 2 LOT 17 & S 5' LOT 16

PARCEL: 63 TAXKEY: 349-2517-000-5 (0)
ADDRESS & DESCRIPTION: 1835 1835 N 31ST ST
YOUNG MEN'S LOAN & INVEST ASS'N SUBD NO 2 IN W 1/2 IN NE 1/4 SEC 24-7-21 BLOCK 8 LOT 2

PARCEL: 64 TAXKEY: 350-0510-000-1 (0)
ADDRESS & DESCRIPTION: 2010 2010 N 22ND ST
ASSESSMENT SUBD NO 24 IN NW 1/4 SEC 19-7-22 BLOCK 1 N 37' OF S 99' LOT 10 TID #65

PARCEL: 65 TAXKEY: 350-2024-000-6 (0)
ADDRESS & DESCRIPTION: 2529 2529 W NORTH AV
MEEHAN & SOMER'S SUBD IN NW 1/4 SEC 19-7-22 BLOCK 2 LOT 2

PARCEL: 66 TAXKEY: 351-0516-000-1 (0)
ADDRESS & DESCRIPTION: 1826 1828 N 13TH ST
ASSESSMENT SUBD NO 36 OF LOTS N,O,P & Q - NE 1/4 SEC 19-7-22 BLOCK 23 LOT 27 TID #44

PARCEL: 67 TAXKEY: 351-2680-000-0 (0)
ADDRESS & DESCRIPTION: 2139 2141 N 18TH ST
ROUNDY'S SUBD OF W 14.838 ACRES ETC IN NE 1/4 SEC 19-7-22 BLOCK 252 S 43.5' ON E LINE LOT
2 & S W'LY 31.72' ON N W'LY LINE LOT 3 TID #44

PARCEL: 68 TAXKEY: 351-2682-100-8 (0)
ADDRESS & DESCRIPTION: 1805 1805 W MONROE ST
ROUNDY'S SUBD OF W 14.838 ACRES ETC IN NE 1/4 SEC 19-7-22 BLOCK 252 LOTS 4 & 5 TID #44

PARCEL: 69 TAXKEY: 364-1772-000-0 (0)
ADDRESS & DESCRIPTION: 2600 2600 W VLIET ST
MAYHEW'S ADD'N (A K) IN SW & NW 1/4 SEC 19-7-22 BLOCK 262 S 30' LOT 31 EXC W 0.5'

PARCEL: 70 TAXKEY: 365-0766-000-7 (0)
ADDRESS & DESCRIPTION: 2822 2822 W CHERRY ST
VON MOLTKE PARK IN SE & NE 1/4 SEC 24-7-21 BLOCK 8 W 30' OF E 60' (LOTS 15-16 & 17)

PARCEL: 71 TAXKEY: 389-0701-000-4 (0)
ADDRESS & DESCRIPTION: 2401 2409 W STATE ST
HAWLEY'S SUBD NO 2 IN W 100 AC IN NW 1/4 SEC 30-7-22 BLOCK 269 N 80' (LOT 1-E 30' LOT 2)
BID #10

PARCEL: 72 TAXKEY: 389-0712-000-4 (0)
ADDRESS & DESCRIPTION: 924 924 N 25TH ST
HAWLEY'S SUBD NO 2 IN W 100 AC IN NW 1/4 SEC 30-7-22 BLOCK 269 LOT 22-S 15' LOT 19 & W 35'
VAC COURT ADJ

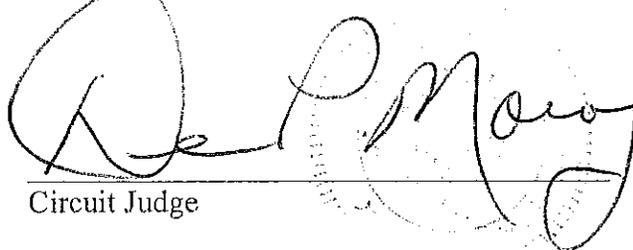
PARCEL: 73 TAXKEY: 433-2221-000-1 (0)
ADDRESS & DESCRIPTION: 1222 1222 S 15TH PL
ANDREW ZIMMERMANN'S SUBD ETC IN SE 1/4 SEC 31-7-22 BLOCK 2 W 127 1/2' LOT 10

PARCEL: 74 TAXKEY: 435-0650-000-2 (0)
ADDRESS & DESCRIPTION: 2821 2821 W NATIONAL AV
NATIONAL PARK SUBD IN SE 1/4 SEC 36-7-21 BLOCK 2 W 26' LOT 5 & E 14' LOT 6

PARCEL: 76 TAXKEY: 498-1524-000-5 (0)
ADDRESS & DESCRIPTION: 2540 2540 S 5TH PL
SOBIESKI PARK IN SW 1/4 OF NE 1/4 SEC 8-6-22 BLOCK 1 LOT 24

Dated at Milwaukee, Wisconsin, this 1st day of March, 2010

BY THE COURT:


Circuit Judge

RETURN TO:

Megan Crump
Assistant City Attorney
200 East Wells Street, Room 800
Milwaukee, WI 53202

PLAT OF SURVEY

BADGER SURVEYING CO., INC.

7970 NORTH 47TH ST.

BROWN DEER, WISCONSIN 53223

PHONE 354-9080

CLARENCE H. PIEPENBURG, PRESIDENT
REGISTERED LAND SURVEYOR

2700 North Buffum

Viola C. Weber Estate

PROPERTY AT

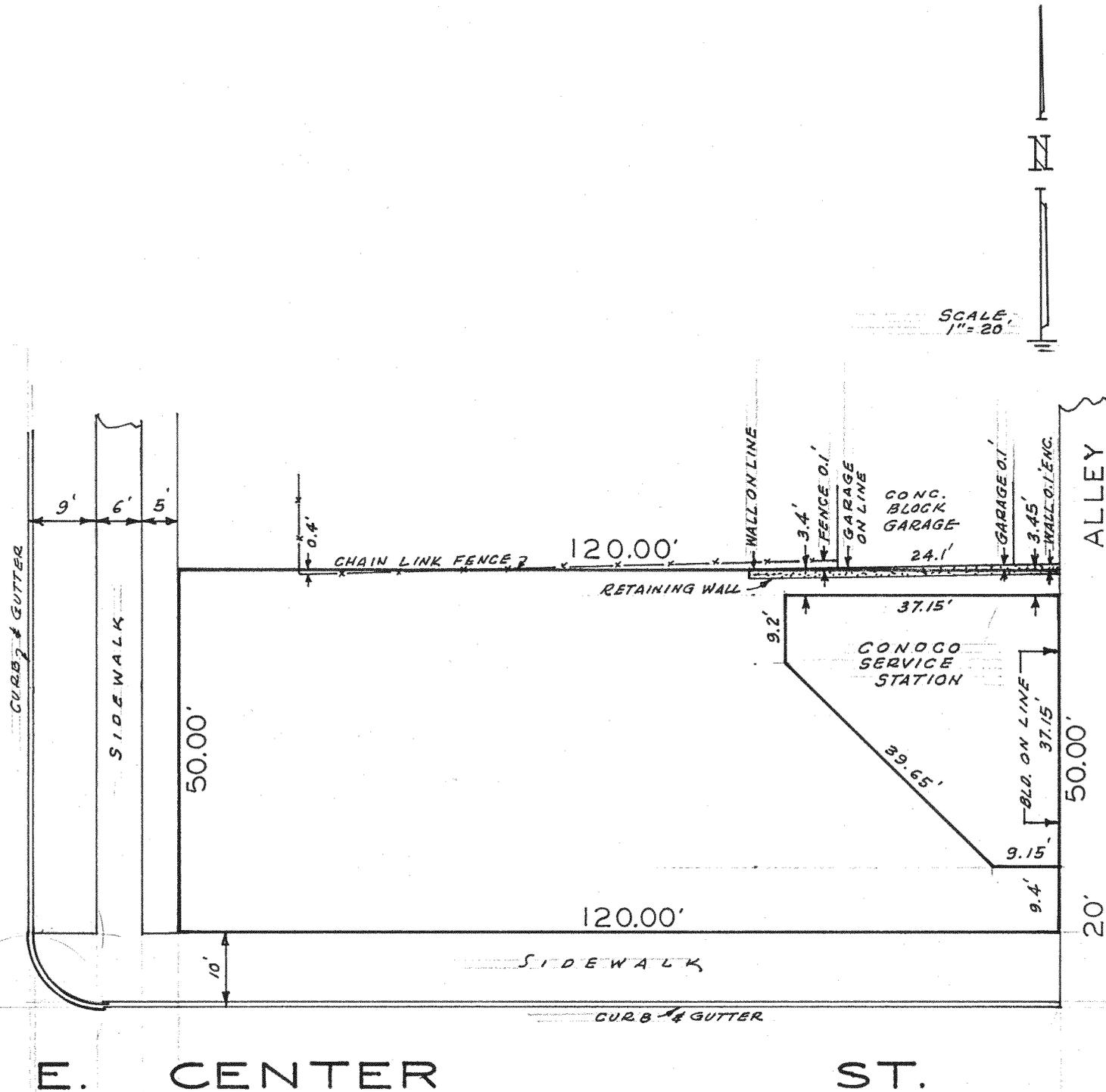
OWNER.

LEGAL DESCRIPTION —

Lot 13, Block 55, in J. L. Pierce's Subdivision, of lots 56 and 57 in Section 16, Township 7 North, Range 22 East, of his Subdivision #2, in the City of Milwaukee, Milwaukee County, Wisconsin. ✓

7-22-16-2-0053

N. BUFFUM ST.



Prepared for JACK HORTH

State of Wisconsin, }
County of Milwaukee } ss.

I hereby certify that on the 5TH day of DECEMBER, 19 69, I have accurately surveyed the above described property and that the above plat is a correct representation thereof and shows the exterior boundary lines and location of buildings and other improvements on said property and the correct measurements thereof.

Plat No. 69-508

Signed _____

Registered Land Surveyor

Assessment Detail and Listing Characteristics

Taxkey	Premise Address	Nbhd	Plat	Assessment County	Class
3211805000	410E CENTER ST	6260	31428	Milwaukee	Exempt

Ownership Information	Conveyance	Assessment Information			
CITY OF MILW	Deed Type	IR	Year	Current	Previous
	Date	2010-03-01	Land	0	0
809 N BROADWAY	Fee	0.00	Impry	0	0
MILWAUKEE WI 53202	<i>Name Change: 2010-05-07</i>		Total	0	0

Org Year	Drop Year	Ald. District	Census	
		LB2	6	081-107

J L PIERCE'S SUBD OF LOTS 56 AND 57 IN NW 114 & SW 1/4 SEC 16-7-22 BEING HIS SUBD NO 2 OF LOTS IN SAID SECTION 16 BLOCK 55 LOT 13

Exempt Property Attributes Not Available

[Recent Permits](#)

[Sale History](#)

[Assessment History](#)

[Tax Balance](#)

[About Site](#)

Data Provided By Assessor Query From: 184.58.199.188

The following map obtained from Map Milwaukee (<http://gis.milwaukee.gov/website/mm1/viewer.htm>) shows that the Site and immediately neighboring properties are zoned LB2 (Commercial – Local Business). The Site parcel is highlighted in bright yellow.



December 31, 2012
File No. 20.0152763.00

Wisconsin Department of Natural Resources
2300 North Martin Luther King, Jr. Drive
Milwaukee, Wisconsin 53212

Attention: Mr. John Hnat

Subject: Attached Legal Description
Jose Luis Vargas Property
410 East Center Street
Milwaukee, Wisconsin
(BRRTS #03-41-556647)

Dear Mr. Hnat:

Please find the attached legal description for the Jose Luis Vargas property located at 410 East Center Street in Milwaukee, Wisconsin ("Site"). To the best of my knowledge, the legal description describes the entire property within the impacted Site boundary and is being provided to you as part of the GIS Registry Packet.

Very truly yours,



Karen Dettmer, P.E.
Senior Environmental Project Engineer
Redevelopment Authority of the City of Milwaukee