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

Scott Walker, Governor
Cathy Stepp, Secretary
Telephone 608-266-2621
Toll Free 1-888-936-7463
TTY Access via relay - 711

June 12, 2017

Ms. Joan Brath
Kewaskum Living Waters Church
100 Clinton Street
Kewaskum, WI 53040

KEEP THIS DOCUMENT WITH YOUR PROPERTY RECORDS

SUBJECT: Final Case Closure with Continuing Obligations
Kewaskum Living Waters Church, Kewaskum, WI
DNR BRRTS Activity #: 03-67-152319, FID #: 267161620
PECFA #: 53040-9117-00-A

Dear Ms. Brath:

The Department of Natural Resources (DNR) considers the Kewaskum Living Waters Church site closed, with continuing obligations. No further investigation or remediation is required at this time. However, you, future property owners, and occupants of the property must comply with the continuing obligations as explained in the conditions of closure in this letter. Please read over this letter closely to ensure that you comply with all conditions and other on-going requirements. Provide this letter and any attachments listed at the end of this letter to anyone who purchases, rents, or leases this property from you.

This final closure decision is based on the correspondence and data provided, and is issued under chs. NR 726 and 727, Wis. Adm. Code. A DNR Peer Review Committee from Southeast Region reviewed the request for closure on April 11, 2017. The Peer Review Committee reviewed this environmental remediation case for compliance with state laws and standards to maintain consistency in the closure of these cases. A request for additional information was issued via email by the DNR on April 17, 2017, and documentation that the conditions in that email were met was received on June 7, 2017.

The property is currently used as a church. A 300-gallon gasoline underground storage tank (UST) was removed from the property in 1997. Soil, groundwater, and vapor pathways were evaluated as part of the site investigation, with natural attenuation being determined to be an adequate remedy based on the results. 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.

- Groundwater contamination is present at or above ch. NR 140, Wis. Adm. Code enforcement standards.
- Residual soil contamination exists that must be properly managed should it be excavated or removed.

The DNR fact sheet "Continuing Obligations for Environmental Protection," RR-819, helps to explain a property owner's responsibility for continuing obligations on their property. The fact sheet may be obtained at http://dnr.wi.gov/files/PDF/pubs/rr/RR819.pdf.

GIS Registry

This site will be included on the Bureau for Remediation and Redevelopment Tracking System (BRRTS on the Web) at http://dnr.wi.gov/topic/Brownfields/clean.html, to provide public notice of residual contamination and of any continuing obligations. The site can also be viewed on the Remediation and Redevelopment Sites Map (RRSM), a map view, under the Geographic Information System (GIS) Registry layer, at the same web address.

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. This requirement applies to private drinking water wells and high capacity wells. 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.

All site information is also on file at the Plymouth Regional DNR office, at 1155 Pilgrim Road, Plymouth, WI 53073. This letter and information that was submitted with your closure request application, including any maps, can be found as a Portable Document Format (PDF) in BRRTS on the Web.

Closure Conditions

Compliance with the requirements of this letter is a responsibility to which you 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, Wis. Stats. to ensure compliance with the specified requirements, limitations or other conditions related to the property.

Please send written notifications in accordance with the following requirements to:

Department of Natural Resources
Attn: Remediation and Redevelopment Program Environmental Program Associate
WDNR Southeast Region
2300 North Martin Luther King Drive
Milwaukee, WI 53212

Residual Groundwater Contamination (ch. NR 140, 812, Wis. Adm. Code)
Groundwater contamination greater than enforcement standards is present on this contaminated property, as shown on the attached map *B.3.b,Groundwater Isoconcentration, August 24, 2016*. If you intend to construct a new well, or reconstruct an existing well, you'll need prior DNR approval.

Residual Soil Contamination (ch. NR 718, chs. 500 to 536, Wis. Adm. Code or ch. 289, Wis. Stats.)
Soil contamination remains in near proximity to the former UST location, as indicated on the attached map *B.2.b, Residual Soil Contamination, December 8, 2014*. If soil in the specific locations described above is excavated in the future, the property owner or right-of-way holder 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 or right-of-way holder 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. Contaminated soil may be managed in accordance with ch. NR 718, Wis. Adm. Code, with prior DNR approval.

In addition, all current and future owners and occupants of the property and right-of-way holders 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.

Depending on site-specific conditions, construction over contaminated soils or groundwater may result in vapor migration of contaminants into enclosed structures or migration along newly placed underground utility lines. The potential for vapor inhalation and means of mitigation should be evaluated when planning any future redevelopment, and measures should be taken to ensure the continued protection of public health, safety, welfare, and the environment at the site.

PECFA Reimbursement

Section 101.143, Wis. Stats., requires that Petroleum Environmental Cleanup Fund Award (PECFA) claimants seeking reimbursement of interest costs, for sites with petroleum contamination, submit a final reimbursement claim within 120 days after they receive a closure letter on their site. For claims not received within 120 days of the date of this letter, interest costs after 60 days of the date of this letter will not be eligible for PECFA reimbursement. If there is equipment purchased with PECFA funds remaining at the site, contact the DNR Project Manager to determine the method for salvaging the equipment.

Per Wisconsin Act 55 (2015 State budget), a claim for PECFA reimbursement must be submitted within 180 days of incurring costs (i.e., completing a task). If your final PECFA claim is not submitted within 180 days of incurring the costs, the costs will not be eligible for PECFA reimbursement.

In Closing

Please be aware that the case may be reopened pursuant to s. NR 727.13, Wis. Adm. Code, for any of the following situations:

- 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,
- if the property owner does not comply with the conditions of closure, with any deed restrictions applied to the property, or with a certificate of completion issued under s. 292.15, Wis. Stats., or
- a property owner fails to maintain or comply with a continuing obligation (imposed under this closure approval letter).

The DNR appreciates your efforts to restore the environment at this site. If you have any questions regarding this closure decision or anything outlined in this letter, please contact the DNR Project Manager, Lee Delcore, at 920-893-8524, or at lee.delcore@wisconsin.gov.

Sincerely,

Michele R. Norman

Michele R. Norman
Southeast Region Team Supervisor
Remediation & Redevelopment Program

Attachments:

- B.3.b Groundwater Isoconcentration, August 24, 2016
- B.2.b Residual Soil Contamination, December 8, 2014

cc: Jason Powell, METCO, 709 Gillette St., Ste. 3, La Crosse, WI 54603

B.3.b GROUNDWATER ISOCONCENTRATION (August 24, 2016)

KEWASKUM LIVING WATERS CHURCH

KEWASKUM, WISCONSIN

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

DRAWN BY: JZ
DATE: 12/08/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING - SHEFOND MOBIL MART
- = FORMER MONITORING WELL - SHEFOND MOBIL MART
- = GEOPROBE BORING LOCATION
- = MONITORING WELL LOCATION

- = WATER LINE
- = SANITARY SEWER LINE
- = NATURAL GAS LINE
- = TELEPHONE/CABLE LINE
- = BURIED ELECTRIC LINE
- = PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25

GROUNDWATER FLOW BASED ON MOST RECENT SAMPLING EVENT (8-24-16)

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL VALUES

CLINTON STREET
FOND DU LAC AVENUE (USH 45)
SIDEWALK
LANDSCAPING
CONC.
ASPHALT
CONCRETE RETAINING WALL
GRASS
LARGE TREE
LANDSCAPING
REMOVED FUEL OIL AND KEROSENE UST'S
EXISTING UST'S
FORMER PUMP ISLANDS
CANOPY AND PUMP ISLANDS
REMOVED GASOLINE UST'S
SHEFOND MOBIL MART CLOSED LUST SITE BRRTS # 03-67-000466 AND 03-67-005258 149 FOND DU LAC AVENUE
KEWASKUM LIVING WATERS CHURCH BRRTS # 03-67-152319 100 CLINTON STREET
REMOVED 300-GAL GASOLINE UST
RESIDENTIAL
FENCE
CONCRETE
GRASS
RAIN DANCE CAR WASH 139 FOND DU LAC AVENUE
VAC.
SIGN
SUMP #1
SUMP #2
STORM DRAIN
CAR WASH TICKET VENDOR
CAR WASH TIMER
AREA OF JUNE 1995 SOIL EXCAVATION

G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8
GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7 GP-8 GP-9 GP-10 GP-11 GP-12 GP-13 GP-14 GP-15 GP-16 GP-17 GP-18 GP-19 GP-20
HB-1
MW-1 MW-2 MW-3
B-1/MW-1 B-2/MW-2 B-3/MW-3 B-4/MW-4 B-5

B.2.b. RESIDUAL SOIL CONTAMINATION

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: JZ
DATE: 12/08/2014

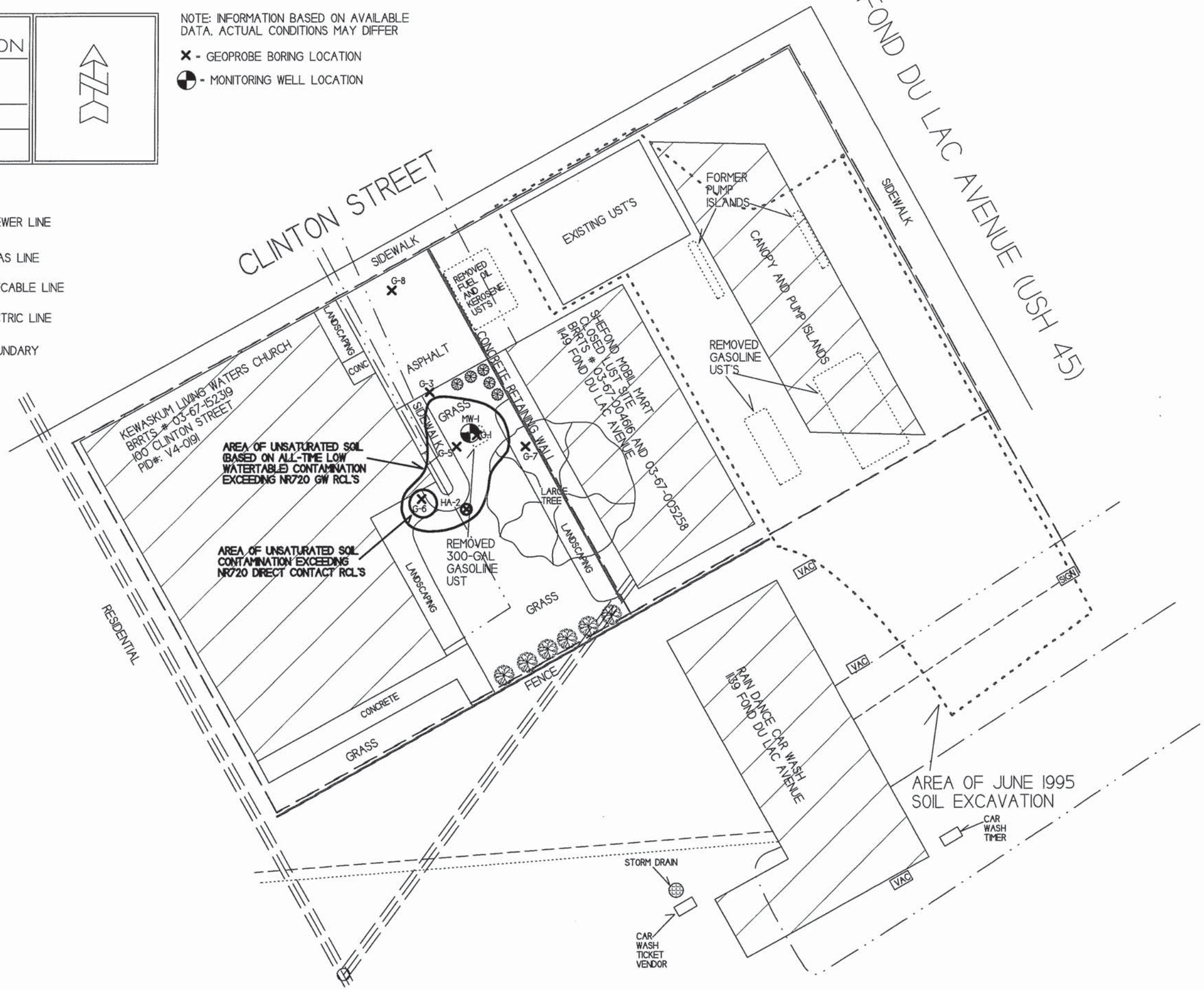
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

× - GEOPROBE BORING LOCATION

⊕ - MONITORING WELL LOCATION

- WATER LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRIC LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25



State of Wisconsin
Department of Natural Resources
PO Box 7921, Madison WI 53707-7921
dnr.wi.gov

Case Closure - GIS Registry

SUBMIT AS UNBOUND PACKAGE IN THE ORDER SHOWN

Notice: Pursuant to ch. 292, Wis. Stats., and chs. NR 726 and 746, Wis. Adm. Code, this form is required to be completed for case closure requests. The closure of a case means that the Department of Natural Resources (DNR) has determined that no further response is required at that time based on the information that has been submitted to the DNR. All sections of this form must be completed unless otherwise directed by the Department. DNR will consider your request administratively complete when the form and all sections are completed, all attachments are included, and the applicable fees required under ch. NR 749, Wis. Adm. Code, are included, and sent to the proper destinations. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records Law (ss. 19.31 - 19.39, Wis. Stats.). Incomplete forms will be considered "administratively incomplete" and processing of the request will stop until required information is provided.

Site Information

BRRTS No.	VPLE No.		
03-67-152319			
Parcel ID No.			
V4-0191			
FID No.	**WTM Coordinates**		
	X	Y	
267161620	663232	339930	
BRRTS Activity (Site) Name	**WTM Coordinates Represent:**		
Kewaskum Living Waters Church	☒ Source Area ☐ Parcel Center		
Site Address	**City**	**State**	**ZIP Code**
100 Clinton Street	Kewaskum	WI	53040
Acres Ready For Use			
0.5			

Responsible Party (RP) Name			
Joan Brath			
Company Name			
Kewaskum Living Waters Church			
Mailing Address	**City**	**State**	**ZIP Code**
100 Clinton Street	Kewaskum	WI	53040
Phone Number	**Email**		
(262) 626-8337			

☒ Check here if the RP is the owner of the source property.

Environmental Consultant Name			
Ronald Anderson			
Consulting Firm			
METCO			
Mailing Address	**City**	**State**	**ZIP Code**
709 Gillette Street, Suite 3	La Crosse	WI	54603
Phone Number	**Email**		
(608) 781-8879	rona@metcohq.com		

Fees and Mailing of Closure Request

1. **Send a copy of page one** of this form and the applicable ch. NR 749, Wis. Adm. Code, fee(s) to the DNR Regional EPA (Environmental Program Associate) at **http://dnr.wi.gov/topic/Brownfields/Contact.html#tabx3**. Check all fees that apply:

   ☒ $1,050 Closure Fee

   ☒ $350 Database Fee for Groundwater or Monitoring Wells (Not Abandoned)

   ☒ $300 Database Fee for Soil

   Total Amount of Payment $ $1,700.00

   ☐ Resubmittal, Fees Previously Paid

2. **Send one paper copy and one e-copy on compact disk of the entire closure package** to the Regional Project Manager assigned to your site. Submit as *unbound, separate documents* in the order and with the titles prescribed by this form. For electronic document submittal requirements, see **http://dnr.wi.gov/files/PDF/pubs/rr/RR690.pdf.**

Site Summary

If any portion of the Site Summary Section is not relevant to the case closure request, you must fully explain the reasons why in the relevant section of the form. All information submitted shall be legible. Providing illegible information will 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 Kewaskum Living Waters Church property, 100 Clinton Street, is located approximately 175 feet southeast of the intersection of Fond du Lac Avenue (USH 45) and Clinton Street, in the Village of Kewaskum, Washington County, Wisconsin. The surrounding properties are used for residential/commercial purposes.

B. Prior and current site usage: Specifically describe the current and historic occupancy and types of use.
The Kewaskum Living Waters Church has owned the property since 1989. Previously the building was the Wigwam Dance Hall, which occupied this location for many years. A local town resident thought that a bus garage existed on this property before the Wigwam Dance Hall.

C. Current zoning (e.g., industrial, commercial, residential) for the site and for neighboring properties, and how verified (Provide documentation in Attachment G).
According to the zoning map for the Village of Kewaskum, Wisconsin, the Kewaskum Living Waters Church property located at 100 Clinton Street is zoned "B-3, Central Business". Surrounding properties to the north, northeast, east, and south are also zoned "B-3, Central Business". Properties to the northwest, west, and southwest of the subject property are zoned "RS-2, Single - Family Residential".

D. Describe how and when site contamination was discovered.
On June 16, 1997, a 300-gallon gasoline UST was removed from the subject property. The UST is from the gas station on the adjacent property to the east or may have been from the possible former bus garage. During the UST removal, petroleum contamination was encountered and subsequently reported to the WDNR.

E. Describe the type(s) and source(s) or suspected source(s) of contamination.
Petroleum contamination appears to have originated from the former gasoline UST.

F. Other relevant site description information (or enter Not Applicable).
Not applicable.

G. List BRRTS activity/site name and number for BRRTS activities at this source property, including closed cases.
No other BRRTS activities exist at the subject property.

H. List BRRTS activity/site name(s) and number(s) for all properties immediately adjacent to (abutting) this source property.
There are two BRRTS activities associated with the adjacent property to the east at 1149 Fond du Lac Avenue:
BRRTS# 03-67-004616, Shefond Oil - Mobile (Gasoline) - Closed LUST case
BRRTS# 03-67-005258, Shefond Oil - Mobil (Fuel Oil) #3 - Closed LUST case

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.
Native unconsolidated materials in this area generally consist of clay to sandy clay with gravel from the surface to at least 13 feet below ground surface (bgs).

ii. Describe the composition, location and lateral extent, and depth of fill or waste deposits on the site.
Fill material consisting of sand to clayey sand with gravel was encountered in the area of the removed UST system.

iii. Describe the depth to bedrock, bedrock type, competency and whether or not it was encountered during the investigation.
The unconsolidated materials are underlain by dolomite bedrock at approximately 100 feet bgs.

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 majority of the property is covered by the building. An asphalt parking area exists to the northeast of the building. The east side and south side of the building are bordered by landscaping and/or a sidewalk. The rest of the property is covered by a manicured lawn.

B. Groundwater

i. Discuss depth to groundwater and piezometric elevations. Describe and explain depth variations, including high and low water table elevation and whether free product affects measurement of water table elevation. Describe the stratigraphic unit(s) where water table was found or which were measured for piezometric levels.
Groundwater exists at approximately 3.11 to 5.09 feet bgs depending on well location and time of year. Free product

has never been encountered at the site. The stratigraphic unit where the water table is found consists of clay to sandy clay with gravel.

ii. Discuss groundwater flow direction(s), shallow and deep. Describe and explain flow variations, including fracture flow if present.

Groundwater elevations measured in the monitoring wells indicated a local groundwater flow direction to be predominately towards the east to northeast. However, two sampling events showed flow to be toward the west (July 2014) to southwest (September 2015). Groundwater flow deeper in the aquifer is unknown, as piezometers were not installed during the investigation.

iii. Discuss groundwater flow characteristics: hydraulic conductivity, flow rate and permeability, or state why this information was not obtained.

On April 9, 2014, METCO conducted slug tests on MW-1 and MW-2. The slug test data was evaluated using the curve fitting program "Hydro-Test for Windows" Produced by Dakota Environmental, Inc. Slug test data was evaluated using the Bouwer and Rice method. Hydrogeologic parameters were estimated as follows:

Monitoring Well MW-1
Hydraulic Conductivity (K) = 3.87E-04 cm/sec
Transmissivity = 1.19E-01 cm2/sec
Flow Velocity (V=KI/n) = 2.16 m/yr

Monitoring Well MW-2
Hydraulic Conductivity (K) = 1.36E-03 cm/sec
Transmissivity = 4.24E-01 cm2/sec
Flow Velocity (V=KI/n) = 7.57 m/yr

Since the thickness of the unconfined aquifer was unknown, the bottoms of MW-1 and MW-2 were assumed as the lower extent of the aquifer for calculation purposes.

iv. Identify and describe locations/distance of potable and/or municipal wells within 1200 feet of the site. Include general summary of well construction (geology, depth of casing, depth of screened or open interval).

The subject property and surrounding properties are all served by the Village of Kewaskum municipal water supply. The Village of Kewaskum has four municipal wells, the nearest (Well #5) being approximately 1,050 feet to the south-southeast of the subject property. There are no known private wells in the area of the subject property.

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.

On July 30, 2013, Geiss Soil and Samples of Merrill, Wisconsin, conducted a Geoprobe project under the direction and supervision of METCO personnel. Eight Geoprobe borings were completed with temporary wells being installed in each boring. Twenty-four soil samples were collected for field and/or laboratory analysis. (Site Investigation Report - December 16, 2014)

On August 1, 2013, METCO collected groundwater samples from the eight temporary wells for field and/or laboratory analysis. The eight temporary wells were subsequently abandoned. (Site Investigation Report - December 16, 2014)

On December 17, 2013, Geiss Soil and Samples of Merrill, Wisconsin, conducted a Drilling project under the direction and supervision of METCO personnel. Three soil borings were completed which were converted to monitoring wells. Nine soil samples were collected for field and/or laboratory analysis. (Site Investigation Report - December 16, 2014)

On April 9, 2014, METCO collected groundwater samples from the three monitoring wells for field and laboratory analysis, and also conducted slug tests on monitoring wells MW-1 and MW-2. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were also collected from the wells. Fauerbach Surveying & Engineering of Hillsboro, Wisconsin surveyed the monitoring wells during the sampling event. (Site Investigation Report - December 14, 2016).

On July 9, 2014, METCO collected groundwater samples from the three monitoring wells for field and laboratory analysis. Field measurements for water level, temperature, pH, ORP, Dissolved Oxygen and Specific Conductance were also collected from the wells. (Site Investigation Report - December 16, 2014)

On June 23, 2015, Fehr Grahm Engineering and Environmental of Plymouth, Wisconsin, installed one sub-slab vapor sampling port in the side entrance of the building at 100 Clinton Street, and subsequently gathered an air sample from the port for VOC analysis. Fehr Grahm Engineering and Environmental also collected an indoor air sample from the side entrance of the building. The air sample was collected using a Suma canister with a flow regulator that allowed the

air sample to be collected over a 24 hour period for VOC analysis. (Letter Report - January 14, 2016)

On June 23, 2015, and September 15, 2015, METCO personnel collected groundwater samples from the three monitoring wells for laboratory analysis. Field measurements for Water Level, Dissolved Oxygen, pH, ORP, Specific Conductivity and Temperature were collected from all sampled wells. (Letter Report - January 14, 2016)

On May 12, 2016, and August 24, 2016, METCO personnel collected groundwater samples from the three monitoring wells for laboratory analysis. Field measurements for Water Level, Dissolved Oxygen, pH, ORP, Specific Conductivity and Temperature were collected from all sampled wells. (Groundwater Monitoring Report - October 4, 2016)

On November 3, 2016, METCO collected soil samples from two hand auger borings. One soil sample was collected from each boring to be analyzed for Lead. (Activity undertaken since the last submittal)

ii. Identify whether contamination extends beyond the source property boundary, and if so describe the media affected (e.g., soil, groundwater, vapors and/or sediment, etc.), and the vertical and horizontal extent of impacts.
Based on historical and current data, soil contamination exceeding the NR720 Groundwater RCL's and groundwater contamination exceeding the NR140 Enforcement Standards (ES) does not appear to extend beyond the source property boundary.

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.
No structural impediments interfered with the completion of the site investigation.

B. Soil

i. Describe degree and extent of soil contamination. Relate this to known or suspected sources and known or potential receptors/migration pathways.
An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's, exists in the area of the removed UST system. This consists of an irregular shaped area, which appears to measure up to 34 feet long, up to 22 feet wide (depending on location), and up to 3 feet thick.

Additionally, an area of unsaturated soil contamination, which exceeds the NR720 Non-Industrial Direct Contact values for Lead (showed no detects for any PVOC/Naphthalene contaminants), exists near the east central corner of the building (G-6), close to the drip line of the building. This contamination appears to be located specifically around the location of Geoprobe G-6, which is approximately 20 feet southwest of the removed UST. This value does not reflect the Lead levels that were encountered near the removed UST area. This contamination is likely from a separate source, most likely something from the roof as this contamination is below the roof drip line. Two hand auger soil samples were collected within 10 feet of this location and also do not reflect the Lead values that were shown in G-6. Therefore, this direct contact for Lead contamination is very limited in its horizontal and vertical extent and its estimated volume is approximately 5 cubic yards (7 tons).

The extent of petroleum contamination in soil exceeding the NR720 Groundwater RCL's does come into contact with a sewer lateral line and a natural gas line which extend from Clinton Street to the on-site building. However, soil contamination in the areas of these laterals are from Lead exceedances (G-5 and G-6). Therefore, these utilities do not appear to be preferential contaminant migration pathways.

ii. Describe the concentration(s) and types of soil contaminants found in the upper four feet of the soil column.
Soil samples collected within the upper four feet of the soil column exceeding the NR720 Groundwater or Direct Contact RCL's include:

G-1-1: Lead (40.9 ppm) and Benzene (0.053 ppm) at 3.5 feet bgs
G-5-1: Lead (41.4 ppm) at 3.5 feet bgs
G-6-1: Lead (617 ppm) at 3.5 feet bgs
HA-2: Lead (101 ppm) at 2.5 feet bgs

iii. Identify the ch. NR 720, Wis. Adm. Code, method used to establish the soil cleanup standards for this site. This includes a soil performance standard established in accordance with s. NR 720.08, a Residual Contaminant Level (RCL) established in accordance with s. NR 720.10 that is protective of groundwater quality, or an RCL established in accordance with s. NR 720.12 that is protective of human health from direct contact with contaminated soil. Identify the land use classification that was used to establish cleanup standards. Provide a copy of the supporting calculations/ information in Attachment C.
The method used to establish the soil cleanup standards for this site were the NR720 RCL's. The property is zoned "B-3, Central Business", therefore non-industrial standards were used for this site.

C. Groundwater

i. Describe degree and extent of groundwater contamination. 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.

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST system and has migrated toward the southeast. This plume is approximately 53 feet long and 37 feet wide.

The groundwater contaminant plume appears to intersect service lines for water, sanitary sewer, and natural gas to the on-site building. The depth and backfill of the water and sanitary sewer service lines is not known. However, these are typically at 6-8 feet bgs and backfilled with native soil. The depth and backfill of the natural gas service line is also unknown. However, natural gas lines typically exist within 3 feet of ground surface and are backfilled with native soil. Because these utility corridors are likely backfilled with native soil, there does not appear to be a significant risk of contaminant migration along utility corridors.

Soil contamination exceeding the NR720 Groundwater RCL's exists underneath the building at 100 Clinton Street. However, the building does not have a basement and the only contaminant detected was Lead. Groundwater contamination exceeding NR140 Preventive Action Limits exists underneath both the building at 100 Clinton Avenue and the building at 1149 Fond Du Lac Avenue (Shefond Mobil Mart). However, groundwater contaminant levels from the monitoring wells and Geoprobe borings conducted near the buildings do not show any elevated levels of groundwater contamination (<1,000 ppb Benzene). Based on the low levels of soil and groundwater contamination documented near the building, vapor intrusion does not appear to be a risk at this time per WDNR Vapor Intrusion Guidance (PUB-RR-800).

The subject property and surrounding properties are all served by the Village of Kewaskum municipal water supply. The Village of Kewaskum has four municipal wells, the nearest (Well #5) being approximately 1,050 feet to the south-southeast of the subject property. There are no known private wells in the area of the subject property. Due to the distance/location to these wells, there appears to be no risk to any municipal wells at this time.

No building foundation drain systems are known to exist in this area.

ii. Describe the presence of free product at the site, including the thickness, depth, and locations. Identify the depth and location of the smear zone.

Free product has never been encountered at this site.

D. Vapor

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

On June 23, 2015, Fehr Grahm Engineering and Environmental of Plymouth, Wisconsin, installed one sub-slab vapor sampling port (VP-1) in the side entrance of the building at 100 Clinton Street, and subsequently gathered an air sample from the port for VOC analysis. Fehr Grahm Engineering and Environmental also collected an indoor air sample (IA-1) from the side entrance of the building. The air sample was collected using a Suma canister with a flow regulator that allowed the air sample to be collected over a 24 hour period for VOC analysis.

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).

Due to the subject property's use as a church with residential quarters above, the Residential Indoor Air and Residential Sub-Slab Vapor Action Levels were used. The Sub-Slab Vapor sample (VP-1) showed no exceedances of Residential Sub-Slab Vapor Action Levels (VALs) for various VOCs.

The Indoor Air sample (IA-1) did show Residential Indoor Air VAL exceedances for: Benzene (36.1 ug/m3), Ethylbenzene (33.3 ug/m3), Naphthalene (11.9 ug/m3), 1,2,4 Trimethylbenzene (51.6 ug/m3), and Xylene (167 ug/m3). These indoor air exceedances were likely due to gas cans and a snow blower that were found behind a wall in this entrance area, near where the sample was collected. Since there were no exceedances in the sub-slab vapor sample, vapor intrusion to the building is unlikely.

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.

Since the extent of petroleum contamination does not appear to have migrated to any surface waters, no surface water or sediment samples were collected.

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.

No surface water or sediment samples were collected.

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.

No remedial actions were completed.

B. Describe any immediate or interim actions taken at the site under ch NR 708, Wis. Adm. Code.

No interim actions were completed.

C. Describe the *active* remedial actions taken at the source property, including: type of remedial system(s) used for each media affected; 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.

No remedial actions were completed.

D. Describe the alternatives considered during the Green and Sustainable Remediation evaluation in accordance with NR 722.09 and any practices implemented as a result of the evaluation.

No evaluation of Green and Sustainable Remediation was conducted.

E. Describe the nature, degree and extent of residual contamination that will remain at the source property or on other affected properties after case closure.

An area of unsaturated soil contamination, which exceeds the NR720 Groundwater RCL's, exists in the area of the removed UST system. This consists of an irregular shaped area, which appears to measure up to 34 feet long, up to 22 feet wide (depending on location), and up to 3 feet thick.

Additionally, an area of unsaturated soil contamination, which exceeds the NR720 Non-Industrial Direct Contact values for Lead (showed no detects for any PVOC/Naphthalene contaminants), exists near the east central corner of the building (G-6), close to the drip line of the building. This contamination appears to be located specifically around the location of Geoprobe G-6, which is approximately 20 feet southwest of the removed UST. This value does not reflect the Lead levels that were encountered near the removed UST area. This contamination is likely from a separate source, most likely something from the roof as this contamination is below the roof drip line. Two hand auger soil samples were collected within 10 feet of this location and also do not reflect the Lead values that were shown in G-6. Therefore, this direct contact for Lead contamination is very limited in its horizontal and vertical extent and its estimated volume is approximately 5 cubic yards (7 tons).

A dissolved phase contaminant plume exceeding the NR140 ES and/or PAL has formed at the watertable in the area of the removed UST system and has migrated toward the southeast. This plume is approximately 53 feet long and 37 feet wide.

Based on historical and current data, soil contamination and groundwater contamination exceeding the NR140 ES does not appear to extend beyond the source property boundary.

F. Describe the residual soil contamination within four feet of ground surface (direct contact zone) that attains or exceeds RCLs established under s. NR 720.12, Wis. Adm. Code, for protection of human health from direct contact.

The only residual soil contamination remaining within the upper four feet of the soil column exceeding the NR720 Non-Industrial Direct Contact RCL's is from Geoprobe G-6: Lead (617 ppm) at 3.5 feet bgs.
Its important to note that this contamination is likely from a separate source, most likely something from the roof as this contamination is below the roof drip line (showed no detects for any PVOC/Napthalene contaminants).

G. Describe the residual soil contamination that is above the observed low water table that attains or exceeds the soil standard(s) for the groundwater pathway.

Soil samples above the observed low water table which currently exceed NR720 RCLs include:
G-1-1: Lead (40.9 ppm) and Benzene (0.053 ppm) at 3.5 feet bgs
G-5-1: Lead (41.4 ppm) at 3.5 feet bgs
G-6-1: Lead (617 ppm) at 3.5 feet bgs
HA-2: Lead (101 ppm) at 2.5 feet bgs

H. 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.

Per conversations with the WDNR, a Cap Maintenance Plan will not be necessary to address the Direct Contact concern at G-6, as this contamination is very limited in its horizontal and vertical extent and its estimated volume is approximately 5 cubic yards (7 tons), which was defined by the hand auger soil samples collected at HA-1 and HA-2. Remaining soil and groundwater contamination will be addressed via natural attenuation.

I. 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).

Due to groundwater contamination being confined to a relatively small area (encompassing MW-1, G-1, -2, -3, and -5), and due to the overall stable to decreasing groundwater contaminant trends, it appears that natural attenuation has and will continue to effectively reduce the contaminant mass.

J. Identify how all exposure pathways (soil, groundwater, vapor) were removed and/or adequately addressed by immediate, interim and/or remedial action(s).

Any remaining exposure pathways will be addressed via natural attenuation.

K. Identify any system hardware anticipated to be left in place after site closure, and explain the reasons why it will remain.

No system hardware is anticipated to be left in place after site closure.

L. 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.

Monitoring well MW-1 (Benzene) is the only monitoring well that currently exceeds the NR140 ES and/or PAL.

M. 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.

The Indoor Air sample (IA-1) did show Residential Indoor Air VAL exceedances for: Benzene (36.1 ug/m3), Ethylbenzene (33.3 ug/m3), Naphthalene (11.9 ug/m3), 1,2,4 Trimethylbenzene (51.6 ug/m3), and Xylene (167 ug/m3). These indoor air exceedances were likely due to gas cans and a snow blower that were found behind a wall in this entrance area, near where the sample was collected. Since there were no exceedances in the sub-slab vapor sample, vapor intrusion to the building is unlikely.

N. 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.

No surface water or sediment samples were collected.

5. Continuing Obligations: Situations where sites, including all affected properties and rights-of-way (ROWs), are included on the DNR's GIS Registry. In certain situations, maintenance plans are also required, and must be included in Attachment D.

Directions: For each of the 3 property types below, check all situations that apply to this closure request.

(NOTE: Monitoring wells to be transferred to another site are addressed in Attachment E.)

	This situation applies to the following property or Right of Way (ROW):			Case Closure Situation - Continuing Obligation Inclusion on the GIS Registry is Required (ii. - xiv.)	Maintenance Plan Required
	Property Type:				
	Source Property	Affected Property (Off-Source)	ROW		
i.	☐	☒	☒	None of the following situations apply to this case closure request.	NA
ii.	☒	☐	☐	Residual groundwater contamination exceeds ch. NR 140 ESs.	NA
iii.	☒	☐	☐	Residual soil contamination exceeds ch. NR 720 RCLs.	NA
iv.				Monitoring Wells Remain:	
	☐	☐	☐	• Not Abandoned (filled and sealed)	NA
	☐	☐	☐	• Continued Monitoring (requested or required)	Yes
v.	☐	☐	☐	Cover/Barrier/Engineered Cover or Control for (soil) direct contact pathways (includes vapor barriers)	Yes
vi.	☐	☐	☐	Cover/Barrier/Engineered Cover or Control for (soil) groundwater infiltration pathway	Yes
vii.	☐	☐	☐	Structural Impediment: impedes completion of investigation or remedial action (not as a performance standard cover)	NA
viii.	☐	☐	☐	Residual soil contamination meets NR 720 industrial soil RCLs, land use is classified as industrial	NA
ix.	☐	☐	NA	Vapor Mitigation System (VMS) required due to exceedances of vapor risk screening levels or other health based concern	Yes
x.	☐	☐	NA	Vapor: Dewatering System needed for VMS to work effectively	Yes
xi.	☐	☐	NA	Vapor: Compounds of Concern in use: full vapor assessment could not be completed	NA
xii	☐	☐	NA	Vapor: Commercial/industrial exposure assumptions used.	NA
xiii.	☐	☐	☐	Vapor: Residual volatile contamination poses future risk of vapor intrusion	NA
xiv.	☐	☐	☐	Site-specific situation: (e. g., fencing, methane monitoring, other) (*discuss with project manager before submitting the closure request*)	Site specific

6. 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. ATCP 93, Wis. Adm. Code, exist on the property? ○ Yes ◉ No

C. If the answer to question 6.B. is yes, is the leak detection system currently being monitored? ○ Yes ○ No

General Instructions

All information shall be legible. Providing illegible information will result in a submittal being considered incomplete until corrected. For each attachment (A-G), provide a Table of Contents page, listing all 'applicable' and 'not applicable' items by Closure Form titles (e.g., A.1. Groundwater Analytical Table, A.2. Soil Analytical Results Table, etc.). If any item is 'not applicable' to the case closure request, you must fully explain the reasons why.

Data Tables (Attachment A)

Directions for Data Tables:

- Use **bold** and italics font for information of importance on tables and figures. Use **bold** font for ch. NR 140, Wis. Adm. Code ES attainments or exceedances, and *italicized font* for ch. NR 140, Wis. Adm. Code, PAL attainments or exceedances.
- Use **bold** font to identify individual ch. NR 720 Wis. Adm. Code RCL exceedances. Tables should also include the corresponding groundwater pathway and direct contact pathway RCLs for comparison purposes. Cumulative hazard index and cumulative cancer risk exceedances should also be tabulated and identified on Tables A.2 and A.3.
- 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 (3)(c), Wis. Adm. Code, in the format required in s. NR 716.15(4)(e), 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. Soil Analytical Results Table, etc.).
- For required documents, each table (e.g., A.1., A.2., etc.) should be a separate Portable Document Format (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, potable wells) for which samples have been collected.

A.2. **Soil Analytical Results Table(s):** Table(s) showing **all** soil analytical results and collection dates. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated).

A.3. **Residual Soil Contamination Table(s):** Table(s) showing the analytical results of only the residual soil contamination at the time of closure. This table shall be a subset of table A.2 and should include only the soil sample locations that exceed an RCL. Indicate if sample was collected above or below the observed low water table (unsaturated versus saturated). Table A.3 is optional only if a total of fewer than 15 soil samples have been collected at the site.

A.4. **Vapor Analytical Table(s)**: 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.5. **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, and time period for sample collection.

A.6. **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.7. **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, Figures and Photos (Attachment B)

Directions for Maps, Figures and Photos:

- 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 11 x 17 inches, in a 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(4), 726.09(2) and 726.11(3), (5) and (6), Wis. Adm. Code.
- 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.
- Maps, figures and photos should be dated to reflect the most recent revision.

B.1. Location Maps

B.1.a. **Location Map:** A map outlining all properties within the contaminated site boundaries on a United States Geological Survey (U.S.G.S.) topographic map or plat map in sufficient detail to permit easy location of all affected 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 all affected 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 attaining or exceeding a ch. NR 140 ES, and/or in relation to the boundaries of soil contamination attaining or exceeding a RCL. Provide parcel identification numbers for all affected properties.

B.1.c. **RR Sites Map:** From RR Sites Map (http://dnrmaps.wi.gov/sl/?Viewer=RR Sites) 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. **Soil Contamination:** Figure(s) showing the location of **all** identified unsaturated soil contamination. Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720.Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedances (0-4 foot depth).

B.2.b. **Residual Soil Contamination:** Figure(s) showing only the locations of soil samples where unsaturated soil contamination remains at the time of closure (locations represented in Table A.3). Use a single contour to show the horizontal extent of each area of contiguous soil contamination that exceeds a soil to groundwater pathway RCL as determined under ch. NR 720 Wis. Adm. Code. A separate contour line should be used to indicate the horizontal extent of each area of contiguous soil contamination that exceeds a direct contact RCL exceedence (0-4 foot depth).

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 an RCL. Distinguish between direct contact and the groundwater pathway RCLs.
- Source location(s) and lateral and vertical extent if groundwater contamination exceeds ch. NR 140 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.1.b.)

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, PAL and/or an 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 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 residual soil and groundwater contamination, including sub-slab, indoor air, soil vapor, soil gas, 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).

B.5. Structural Impediment Photos: One or more photographs documenting the structural impediment feature(s) which precluded a complete site investigation or remediation at the time of the closure request. The photographs should document the area that could not be investigated or remediated due to a structural impediment. The structural impediment should be indicated on Figures B.2.a and B.2.b.

Documentation of Remedial Action (Attachment C)

Directions for Documentation of Remedial Action:

- 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 has already been submitted to the DNR, please note the title and date of the report for that particular document requested.

C.1. **Site investigation documentation,** that has not otherwise been submitted with the Site Investigation Report.

C.2. **Investigative waste** disposal documentation.

C.3. Provide a **description of the methodology** used along with all supporting documentation if the RCLs are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.gov/topic/Brownfields/Professionals.html.

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.

C.6. **Other**. Include any other relevant documentation not otherwise noted above (This section may remain blank).

Maintenance Plan(s) and Photographs (Attachment D)

Directions for Maintenance Plans and Photographs:

Attach a maintenance plan for each affected property (source property, each off-source affected property) with continuing obligations requiring future maintenance (e.g., direct contact, groundwater protection, vapor intrusion). See Site Summary section 5 for all affected property(s) requiring a maintenance plan. Maintenance plan guidance and/or templates for: 1) Cover/barrier systems; 2) Vapor intrusion; and 3) Monitoring wells, can be found at: http://dnr.wi.gov/topic/Brownfields/Professionals.html#tabx3

D.1. **Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required:**

- Provide brief descriptions of the type, depth and location of residual contamination.

- Provide a description of the system/cover/barrier/monitoring well(s) to be maintained.
- Provide a description of the maintenance actions required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required.
- Provide contact information, including the name, address and phone number of the individual or facility who will be conducting the maintenance.

D.2. **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) all property boundaries.

D.3. **Photographs** for site 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 shall be visible and discernible. Photographs shall be submitted with a title related to the site name and location, and the date on which it was taken.

D.4. **Inspection log**, to be maintained on site, or at a location specified in the maintenance plan or approval letter. The inspection and maintenance log is found at: http://dnr.wi.gov/files/PDF/forms/4400/4400-305.pdf.

Monitoring Well Information (Attachment E)

Directions for Monitoring Well Information:
For all wells that will remain in use, be transferred to another party, or that could not be located; attach monitoring well construction and development forms (DNR Form 4400-113 A and B: http://dnr.wi.gov/topic/groundwater/documents/forms/4400_113_1_2.pdf)

Select One:

○ No monitoring wells were installed 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 a description of efforts made to locate the wells.

☐ 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. When one or more monitoring wells will remain in use this is considered a continuing obligation and a maintenance plan will be required and must be included in Attachment D.

☐ One or more monitoring 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). Provide documentation from the party accepting future responsibility for monitoring well(s).

Source Legal Documents (Attachment F)

Directions for Source Legal Documents:
Label documents with the specific closure form titles (e.g., F.1. Deed, F.2. Certified Survey Map, etc.). Include all of the following documents, in the order listed:

F.1. **Deed:** The most recent deed with legal description clearly listed.

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.*

F.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. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.

F.3. **Verification of Zoning**: Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.

F.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. This section applies to the source property only. Signed statements for Other Affected Properties should be included in Attachment G.

Notifications to Owners of Affected Properties (Attachment G)

Directions for Notifications to Owners of Affected Properties:

Complete the table on the following page for sites which require notification to owners of affected properties pursuant to ch. 292, Wis. Stats. and ch. NR 725 and 726, Wis. Adm. Code. Personal information collected will be used for administrative purposes and may be provided to requesters to the extent required by Wisconsin's Open Records law [ss. 19.31- 19.39,Wis. Stats.]. The DNR's "Guidance on Case Closure and the Requirements for Managing Continuing Obligations" (PUB-RR-606) lists specific notification requirements http://dnr.wi.gov/files/PDF/pubs/rr/RR606.pdf.

State law requires that the responsible party provide a 30-day, written advance notification 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. Use form 4400-286, Notification of Continuing Obligations and Residual Contamination, at http://dnr.wi.gov/files/PDF/forms/4400/4400-286.pdf

Include a copy of each notification sent and accompanying proof of delivery, i.e., return receipt or signature confirmation. (These items will not be placed on the GIS Registry.)

Include the following documents for each property, keeping each property's documents grouped together and labeled with the letter G and the corresponding ID number from the table on the following page. (Source Property documents should only be included in Attachment F):

- **Deed:** The most recent deed with legal descriptions clearly listed for all affected properties.
  Note: If a property has been purchased with a land contract and the purchaser has not yet received a deed, a copy of the land contract which includes the legal description shall be submitted instead of the most recent deed. If the property has been inherited, written documentation of the property transfer should be submitted along with the most recent deed.
- **Certified Survey Map:** A copy of the certified survey map or the relevant section of the recorded plat map for those properties where the legal description in the most recent deed refers to a certified survey map or a recorded plat map. In cases where the certified survey map or recorded plat map are not legible or are unavailable, a copy of a parcel map from a county land information office may be substituted. A copy of a parcel map from a county land information office shall be legible, and the parcels identified in the legal description shall be clearly identified and labeled with the applicable parcel identification number.
- **Verification of Zoning:** Documentation (e.g., official zoning map or letter from municipality) of the property's or properties' current zoning status.
- **Signed Statement:** A statement signed by the Responsible Party (RP), which states that he or she believes the attached legal description(s) accurately describe(s) the correct contaminated property or properties.

Notifications to Owners of Affected Properties (Attachment G)

ID	Address of Affected Property	Parcel ID No.	Date of Receipt of Letter	Type of Property Owner	WTMX	WTMY	Reasons Notification Letter Sent:												
							Residual Groundwater Contamination = or > ES	Residual Soil Contamination Exceeds RCLs	Monitoring Wells: Not Abandoned	Monitoring Wells: Continued Monitoring	Cover/Barrier/Engineered Control	Structural Impediment	Industrial RCLs Met/Applied	Vapor Mitigation System(VMS)	Dewatering System Needed for VMS	Compounds of Concern in Use	Commercial/Industrial Vapor Exposure Assumptions Applied	Residual Volatile Contamination Poses Future Risk of Vapor Intrusion	Site Specification Situation
A																			
B																			
C																			
D																			

Signatures and Findings for Closure Determination

Check the correct box for this case closure request, and have either a professional engineer or a hydrogeologist, as defined in ch. NR 712, Wis. Adm. Code, sign this document.

☒ A response action(s) for this site addresses groundwater contamination (including natural attenuation remedies).

☒ The response action(s) for this site addresses media other than groundwater.

Engineering Certification

I _____ 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 by me or prepared under my supervision 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. 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	P.E. Stamp and Number

Hydrogeologist Certification

I Ronald J Anderson 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 by me or prepared by me or prepared under my supervision and, in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code. 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."

Ronald J Anderson	Senior Hydrogeologist/Project Manager
Printed Name	Title
Signature	2/6/17 Date

Attachment A/Data Tables

A.1 Groundwater Analytical Table(s)

A.2 Soil Analytical Results Table(s)

A.3 Residual Soil Contamination Table(s)

A.4 Vapor Analytical Table(s)

A.5 Other Media of Concern (e.g., sediment or surface water) – No surface waters or sediments were assessed as part of the site investigation.

A.6 Water Level Elevations

A.7 Other – Natural Attenuation data

A.1 Groundwater Analytical Table

Kewaskum Living Waters Church BRRTS# 03-67-152319

Sample ID	Date	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
TW-1	08/01/13	**152**	132	<0.37	*28*	56	*340*	*444*
TW-2	08/01/13	*1.33*	2.39	<0.37	2.6	8.9	5.65	7.91
TW-3	08/01/13	**22.1**	25.7	<0.37	*15.3*	8.4	*175*	44.4
TW-4	08/01/13	<0.24	<0.55	0.44	<1.7	<0.69	<3.6	<1.32
TW-5	08/01/13	**32**	*191*	<0.37	**118**	24.6	**599**	375
TW-6	08/01/13	<0.27	0.94	<0.37	1.43	<0.8	7.67	4.14
TW-7	08/01/13	<0.27	<0.82	<0.37	<1.2	<0.8	1.43-2.29	<2.41
TW-8	08/01/13	<0.27	<0.82	<0.37	6.5	<0.8	<1.69	<2.41
ENFORCE MENT STANDARD **ES = Bold**		5	700	60	100	800	480	2000
PREVENTIVE ACTION LIMIT *PAL = Italics*		0.5	140	12	10	160	96	400

NS = Not Sampled

(ppb) = parts per billion

A.1 Groundwater Analytical Table
Kewaskum Living Waters Church BRRTS# 03-67-152319

Well MW-1
PVC Elevation = 941.24 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
04/09/14	938.27	2.97	<0.7	**85**	78	<2.3	*26.4*	14.1	88.9	133.9
07/09/14	938.10	3.14	NS	**194**	*167*	<0.37	*63*	17.8	51	91.9
06/23/15	937.75	3.49	NS	**222**	110	<0.49	*42*	20.1	34-34.83	47.9
09/15/15	937.23	4.01	NS	**262**	*214*	<0.49	*29.4*	24.3	64.28	62
05/12/16	937.37	3.87	NS	**212**	*168*	<4.9	<26	12.9	86.7	84.2
08/24/16	936.85	4.39	NS	**220**	122	<4.9	<26	12.4	20.1-28.4	25.9-32.50
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2
PVC Elevation = 941.06 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
04/09/14	938.29	2.77	<0.7	<0.24	<0.55	<0.23	<1.7	<0.69	<3.6	<1.32
07/09/14	938.05	3.01	NS	<0.27	<0.82	<0.37	<1.2	<0.8	<1.69	<2.41
06/23/15	938.01	3.05	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
09/15/15	937.08	3.98	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
05/12/16	937.68	3.38	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
08/24/16	937.25	3.81	NS	<0.46	<0.73	<0.49	<2.6	<0.39	<1.51	<2.06
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3
PVC Elevation = 941.44 (feet) (MSL)

Date	Water Elevation (in feet msl)	Depth to Water (in feet)	Lead (ppb)	Benzene (ppb)	Ethyl Benzene (ppb)	MTBE (ppb)	Naph-thalene (ppb)	Toluene (ppb)	Trimethyl-benzenes (ppb)	Xylene (Total) (ppb)
04/09/14	937.93	3.51	<0.7	<0.24	<0.55	0.56	<1.7	<0.69	<3.6	<1.32
07/09/14	938.16	3.28	NS	<0.27	<0.82	1.22	<1.2	<0.8	<1.69	<2.41
06/23/15	937.77	3.67	NS	<0.46	<0.73	0.95	<2.6	<0.39	<1.51	<2.06
09/15/15	937.21	4.23	NS	<0.46	<0.73	1.07	<2.6	<0.39	<1.51	<2.06
05/12/16	937.24	4.20	NS	<0.44	<0.71	<1.1	<1.6	<0.44	<3.1	<3.1
08/24/16	936.63	4.81	NS	<0.46	<0.73	0.96	<2.6	<0.39	<1.51	<2.06
ENFORCE MENT STANDARD **ES = Bold**			**15**	**5**	**700**	**60**	**100**	**800**	**480**	**2000**
PREVENTIVE ACTION LIMIT *PAL = Italics*			*1.5*	*0.5*	*140*	*12*	*10*	*160*	*96*	*400*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

A.1 Groundwater Analytical Table
Kewaskum Living Waters Church BRRTS# 03-67-152319

Well Sampling Conducted on:	04/09/14	04/09/14	04/09/14		
VOC's Well Name	MW-1	MW-2	MW-3	ENFORCE MENT STANDARD = ES – Bold	*PREVENTIVE ACTION LIMIT = PAL - Italics*
Lead, dissolved/ppb	< 0.7	< 0.7	< 0.7	**15**	*1.5*
Benzene/ppb	**85**	< 0.24	< 0.24	**5**	*0.5*
Bromobenzene/ppb	< 3.2	< 0.32	< 0.32	==	==
Bromodichloromethane/ppb	< 3.7	< 0.37	< 0.37	==	==
Bromoform/ppb	< 3.5	< 0.35	< 0.35	==	==
tert-Butylbenzene/ppb	< 3.6	< 0.36	< 0.36	==	==
sec-Butylbenzene/ppb	< 3.3	< 0.33	< 0.33	==	==
n-Butylbenzene/ppb	< 3.5	< 0.35	< 0.35	==	==
Carbon Tetrachloride/ppb	< 3.3	< 0.33	< 0.33	**5**	*0.5*
Chlorobenzene/ppb	< 2.4	< 0.24	< 0.24	==	==
Chloroethane/ppb	< 6.3	< 0.63	< 0.63	==	==
Chloroform/ppb	< 2.8	< 0.28	< 0.28	**6**	*0.6*
Chloromethane/ppb	< 8.1	< 0.81	< 0.81	==	==
2-Chlorotoluene/ppb	< 2.1	< 0.21	< 0.21	==	==
4-Chlorotoluene/ppb	< 2.1	< 0.21	< 0.21	==	==
1,2-Dibromo-3-chloropropane/ppb	< 8.8	< 0.88	< 0.88	==	==
Dibromochloromethane/ppb	< 2.2	< 0.22	< 0.22	==	==
1,4-Dichlorobenzene/ppb	< 3	< 0.3	< 0.3	==	==
1,3-Dichlorobenzene/ppb	< 2.8	< 0.28	< 0.28	==	==
1,2-Dichlorobenzene/ppb	< 3.6	< 0.36	< 0.36	==	==
Dichlorodifluoromethane/ppb	< 4.4	< 0.44	< 0.44	**1000**	*200*
1,2-Dichloroethane/ppb	< 4.1	< 0.41	< 0.41	**5**	*0.5*
1,1-Dichloroethane/ppb	< 3	< 0.3	< 0.3	**850**	*85*
1,1-Dichloroethene/ppb	< 4	< 0.4	< 0.4	==	==
cis-1,2-Dichloroethene/ppb	< 3.8	< 0.38	< 0.38	**70**	*7*
trans-1,2-Dichloroethene/ppb	< 3.5	< 0.35	< 0.35	==	==
1,2-Dichloropropane/ppb	< 3.2	< 0.32	< 0.32	==	==
2,2-Dichloropropane/ppb	< 3.6	< 0.36	< 0.36	==	==
1,3-Dichloropropane/ppb	< 3.3	< 0.33	< 0.33	==	==
Di-isopropyl ether/ppb	< 2.3	< 0.23	< 0.23	==	==
EDB (1,2-Dibromoethane)/ppb	< 4.4	< 0.44	< 0.44	**0.05**	*0.005*
Ethylbenzene/ppb	78	< 0.55	< 0.55	**700**	*140*
Hexachlorobutadiene/ppb	< 15	< 1.5	< 1.5	==	==
Isopropylbenzene/ppb	3.8 "J"	< 0.3	< 0.3	==	==
p-Isopropyltoluene/ppb	< 3.1	< 0.31	< 0.31	==	==
Methylene chloride/ppb	< 5	< 0.5	< 0.5	==	==
Methyl tert-butyl ether (MTBE)/ppb	< 2.3	< 0.23	0.56 "J"	**60**	*12*
Naphthalene/ppb	*26.4 "J"*	< 1.7	< 1.7	**100**	*10*
n-Propylbenzene/ppb	4.8 "J"	< 0.25	< 0.25	==	==
1,1,2,2-Tetrachloroethane/ppb	< 4.5	< 0.45	< 0.45	==	==
1,1,1,2-Tetrachloroethane/ppb	< 3.3	< 0.33	< 0.33	==	==
Tetrachloroethene (PCE)/ppb	< 3.3	< 0.33	< 0.33	**5**	*0.5*
Toluene/ppb	14.1 "J"	< 0.69	< 0.69	**800**	*160*
1,2,4-Trichlorobenzene/ppb	< 9.8	< 0.98	< 0.98	==	==
1,2,3-Trichlorobenzene/ppb	< 18	< 1.8	< 1.8	==	==
1,1,1-Trichloroethane/ppb	< 3.3	< 0.33	< 0.33	==	==
1,1,2-Trichloroethane/ppb	< 3.4	< 0.34	< 0.34	==	==
Trichloroethene (TCE)/ppb	< 3.3	< 0.33	< 0.33	**5**	*0.5*
Trichlorofluoromethane/ppb	< 7.1	< 0.71	< 0.71	==	==
1,2,4-Trimethylbenzene/ppb	66 "J"	< 2.2	< 2.2		
1,3,5-Trimethylbenzene/ppb	22.9 "J"	< 1.4	< 1.4	**Total TMB's 480**	*Total TMB's 96*
Vinyl Chloride/ppb	< 1.8	< 0.18	< 0.18	**0.2**	*0.02*
m&p-Xylene/ppb	117	< 0.69	< 0.69		
o-Xylene/ppb	16.9 "J"	< 0.63	< 0.63	**Total Xylenes 2000**	*Total Xylenes 400*

NS = not sampled, NM = Not Measured
Q = Analyte detected above laboratory method detection limit but below practical quantitation limit.
= = No Exceedences
(ppb) = parts per billion
(ppm) = parts per million

A.2. Soil Analytical Results Table
Kewaskum Living Waters Church BRRTS# 03-67-152319

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	TCLP Lead (ppm)	TCLP Benzene (ppm)	Other VOC's (ppm)	DIRECT CONTACT PVOC Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-1-1	3.5	U	07/30/13	2.0	**40.90**	26	**0.053**	0.121	<0.025	0.340	0.263	0.360	0.510	0.958	NS	NS	NS	0	1.01E-01	1.2E-07
G-1-2	8.0	S	07/30/13	137.0	22.10	243	**0.350**	**3.08**	<0.300	**3.6**	0.289	**13.3**	**3.4**	**7.54**	NS	NS	SEE VOC SPREAD-SHEET			
G-1-3	12.0	S	07/30/13	2.2	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-2-1	3.5	U	07/30/13	2.4	4.67	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS	0	1.17E-02	0.0E+00
G-2-2	8.0	S	07/30/13	1.8	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-2-3	12.0	S	07/30/13	1.7	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-3-1	3.5	U	07/30/13	1.7	<0.3	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-3-2	5.0	S	07/30/13	305.0	NS	330	<0.250	1.0	<0.250	**2.38**	**1.26**	**6.6**	**4.9**	3.46	NS	NS	NS			
G-3-3	12.0	S	07/30/13	6.7	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-4-1	3.5	U	07/30/13	5.5	3.17	<10	<0.025	<0.025	<0.025	0.121	<0.025	<0.025	<0.025	<0.075	NS	NS	NS	0	8.57E-03	2.3E-08
G-4-2	8.0	S	07/30/13	5.9	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-4-3	12.0	S	07/30/13	4.4	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-5-1	3.5	U	07/30/13	5.1	**41.40**	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS	0	1.04E-01	0.0E+00
G-5-2	5.5	S	07/30/13	131.0	NS	1090	**0.490**	**9.4**	<0.250	**14.9**	**2.97**	**57**	**14.1**	**21.63**	NS	NS	NS			
G-5-3	12.0	S	07/30/13	4.7	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-6-1	3.5	U	07/30/13	7.6	**617**	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS	1	1.54E+00	0.0E+00
G-6-2	6.0	S	07/30/13	4.1	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-6-3	12.0	S	07/30/13	6.6	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-7-1	3.5	U	07/30/13	7.3	5.65	62	<0.025	<0.025	<0.025	0.253	<0.025	0.340	0.550	0.069-0.094	NS	NS	NS	0	2.00E-02	4.9E-08
G-7-2	5.0	S	07/30/13	85.8	NS	310	**0.042**	0.500	<0.025	0.650	0.730	**3.10**	**1.53**	3.17	NS	NS	NS			
G-7-3	12.0	S	07/30/13	6.0	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
G-8-1	3.5	U	07/30/13	4.3	4.71	<10	<0.025	<0.025	<0.025	0.045	<0.025	0.045	0.041	<0.075	NS	NS	NS	0	1.26E-02	8.7E-09
G-8-2	5.5	S	07/30/13	84.0	NS	243	<0.250	<0.250	<0.250	**9.3**	<0.250	**2.17**	**1.3**	1.78	NS	NS	NS			
G-8-3	12.0	S	07/30/13	5.4	NS	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS			
MW-1-1	3.5	U	12/17/13	0	NOT SAMPLED															
MW-1-2	8.0	S	12/17/13	60.0	NS	267	**0.960**	**5.6**	<0.250	**3.6**	1.10	**15.6**	**4.00**	**8.95**	<0.05	<0.05	NS			
MW-1-3	12.0	S	12/17/13	0	NOT SAMPLED															
MW-2-1	3.5	U	12/17/13	0	NOT SAMPLED															
MW-2-2	8.0	S	12/17/13	0	NOT SAMPLED															
MW-2-3	12.0	S	12/17/13	0	NOT SAMPLED															
MW-3-1	3.5	U	12/17/13	0	NOT SAMPLED															
MW-3-2	8.0	S	12/17/13	0	NOT SAMPLED															
MW-3-3	12.0	S	12/17/13	0	NOT SAMPLED															
HA-1	2.5	U	11/03/16	NM	24.9	NOT SAMPLED											NS	0	6.23E-02	
HA-2	2.5	U	11/03/16	NM	**101.0**	NOT SAMPLED											NS	0	2.53E-01	
Groundwater RCL					27	-	0.00512	1.57	0.027	0.659	1.11	1.38		3.94	-	-	-			
Non-Industrial Direct Contact RCL					400	-	1.49	7.47	59.4	5.15	818	89.8	182	258	-	-	-	1	1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	1820*	480*	8870*	-	818*	219*	182*	258*	-	-	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled NM = Not Measured
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds

A.2. Soil Analytical Results Table
(VOC's)
Kewaskum Living Waters Church BRRTS# 03-67-152319

Sampling Conducted on July 30, 2013

VOC's		Bold = Groundwater RCL	Underline & Bold = Direct Contact RCL	Asteric * & Bold =Soil Saturation (C-sat) RCL
Sample ID#	G-1-2			
Sample Depth/ft.	8			
Solids Percent	86.4			
Lead/ppm	22.1	27	400	
Gasoline Range Organics/ppm	**243**			
Benzene/ppm	**0.350**	0.00512	1.49	1820
Bromobenzene/ppm	<0.130	= =	354	= =
Bromodichloromethane/ppm	<0.270	0.000326	0.39	= =
Bromoform/ppm	<0.300	0.00233	61.6	= =
tert-Butylbenzene/ppm	<0.200	= =	183	183
sec-Butylbenzene/ppm	<0.410	= =	145	145
n-Butylbenzene/ppm	1.23	= =	108	108
Carbon Tetrachloride/ppm	<0.250	0.00388	0.85	= =
Chlorobenzene/ppm	<0.160	= =	392	= =
Chloroethane/ppm	<0.420	0.227	= =	= =
Chloroform/ppm	<0.490	0.0033	0.42	= =
Chloromethane/ppm	<1.810	0.0155	171	= =
2-Chlorotoluene/ppm	<0.160	= =	= =	= =
4-Chlorotoluene/ppm	<0.140	= =	= =	= =
1,2-Dibromo-3-chloropropane/ppm	<0.480	0.000173	0.01	= =
Dibromochloromethane/ppm	<0.140	0.032	0.93	= =
1,4-Dichlorobenzene/ppm	<0.330	0.144	3.48	= =
1,3-Dichlorobenzene/ppm	<0.300	1.15	297	297
1,2-Dichlorobenzene/ppm	<0.380	1.17	376	376
Dichlorodifluoromethane/ppm	<0.570	3.08	135	= =
1,2-Dichloroethane/ppm	<0.360	0.00284	0.61	540
1,1-Dichloroethane/ppm	<0.190	0.484	4.72	= =
1,1-Dichloroethene/ppm	<0.210	0.00502	342	= =
cis-1,2-Dichloroethene/ppm	<0.240	0.0412	156	= =
trans-1,2-Dichloroethene/ppm	<0.290	0.0588	211	= =
1,2-Dichloropropane/ppm	<0.095	0.00332	1.33	= =
2,2-Dichloropropane/ppm	<0.460	= =	527	527
1,3-Dichloropropane/ppm	<0.210	= =	1490	1490
Di-isopropyl ether/ppm	<0.110	= =	2260	2260
EDB (1,2-Dibromoethane)/ppm	<0.200	0.0000282	0.05	= =
Ethylbenzene/ppm	**3.08**	1.57	7.47	480
Hexachlorobutadiene/ppm	<0.950	= =	6.23	= =
Isopropylbenzene/ppm	0.430	= =	= =	= =
p-Isopropyltoluene/ppm	0.320	= =	162	162
Methylene chloride/ppm	<0.570	0.00256	60.7	= =
Methyl tert-butyl ether (MTBE)/ppm	<0.300	0.027	59.4	8870
Naphthalene/ppm	**3.6**	0.659	5.15	= =
n-Propylbenzene/ppm	1.09	= =	= =	= =
1,1,2,2-Tetrachloroethane/ppm	<0.120	0.000156	0.75	= =
1,1,1,2-Tetrachloroethane/ppm	<0.230	0.0533	2.59	= =
Tetrachloroethene (PCE)/ppm	<0.490	0.00454	30.7	= =
Toluene/ppm	0.289	1.11	818	818
1,2,4-Trichlorobenzene/ppm	<0.790	0.408	22.1	= =
1,2,3-Trichlorobenzene/ppm	<1.290	= =	48.9	= =
1,1,1-Trichloroethane/ppm	<0.380	0.14	= =	= =
1,1,2-Trichloroethane/ppm	<0.230	0.00324	1.48	= =
Trichloroethene (TCE)/ppm	<0.280	0.00358	0.64	= =
Trichlorofluoromethane/ppm	<0.860	= =	1120	= =
1,2,4-Trimethylbenzene/ppm	**13.3**	1.38	89.8	219
1,3,5-Trimethylbenzene/ppm	**3.4**		182	182
Vinyl Chloride/ppm	<0.210	0.000138	0.07	= =
m&p-Xylene/ppm	**7**	3.94	258	258
o-Xylene/ppm	**0.540**			

NS = not sampled, NM = Not Measured
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
= = No Exceedences

A.3. Residual Soil Contamination Table
Kewaskum Living Waters Church BRRTS# 03-67-152319

Sample ID	Depth (feet)	Saturation U/S	Date	PID	Lead (ppm)	GRO (ppm)	Benzene (ppm)	Ethyl Benzene (ppm)	MTBE (ppm)	Naph-thalene (ppm)	Toluene (ppm)	1,2,4-Trime-thylbenzene (ppm)	1,3,5-Trime-thylbenzene (ppm)	Xylene (Total) (ppm)	TCLP Lead (ppm)	TCLP Benzene (ppm)	Other VOC's (ppm)	DIRECT CONTACT PVOC		
																		Exeedance Count	Hazard Index	Cumulative Cancer Risk
G-1-1	3.5	U	07/30/13	2.0	**40.90**	26	**0.053**	0.121	<0.025	0.340	0.263	0.360	0.510	0.958	NS	NS	NS	0	1.01E-01	1.2E-07
G-1-2	8.0	S	07/30/13	137.0	22.10	243	**0.350**	**3.08**	<0.300	**3.6**	0.289	**13.3**	**3.4**	**7.54**	NS	NS	SEE VOC SPREAD-SHEET			
G-3-2	5.0	S	07/30/13	305.0	NS	330	<0.250	1.0	<0.250	**2.38**	**1.26**	**6.6**	**4.9**	3.46	NS	NS	NS			
G-5-1	3.5	U	07/30/13	5.1	**41.40**	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS	0	1.04E-01	0.0E+00
G-5-2	5.5	S	07/30/13	131.0	NS	1090	**0.490**	**9.4**	<0.250	**14.9**	**2.97**	**57**	**14.1**	**21.63**	NS	NS	NS			
G-6-1	3.5	U	07/30/13	7.6	**617**	<10	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.025	<0.075	NS	NS	NS	1	1.54E+00	0.0E+00
G-7-2	5.0	S	07/30/13	85.8	NS	310	**0.042**	0.500	<0.025	0.650	0.730	**3.10**	**1.53**	3.17	NS	NS	NS			
G-8-2	5.5	S	07/30/13	84.0	NS	243	<0.250	<0.250	<0.250	**9.3**	<0.250	**2.17**	**1.3**	1.78	NS	NS	NS			
MW-1-2	8.0	S	12/17/13	60.0	NS	267	**0.960**	**5.6**	<0.250	**3.6**	1.10	**15.6**	**4.00**	**8.95**	<0.05	<0.05	NS			
HA-2	2.5	U	11/03/16	NM	**101.0**	NOT SAMPLED											NS	0	2.53E-01	
Groundwater RCL					27	-	**0.00512**	**1.57**	**0.027**	**0.659**	**1.11**	**1.38**		**3.94**	-	-	-			
Non-Industrial Direct Contact RCL					400	-	**1.49**	**7.47**	**59.4**	**5.15**	**818**	**89.8**	**182**	**258**	-	-	-	1	1.00E+00	1.00E-05
Soil Saturation Concentration (C-sat)*					-	-	**1820***	**480***	**8870***	-	**818***	**219***	**182***	**258***	-	-	-			

Bold = Groundwater RCL Exceedance
Bold & Underline = Non Industrial Direct Contact RCL Exceedance
Bold & Asteric * = C-sat Exceedance
NS = Not Sampled NM = Not Measured
(ppm) = parts per million
DRO = Diesel Range Organics
GRO = Gasoline Range Organics
PID = Photoionization Detector
PVOC's = Petroleum Volatile Organic Compounds

A.4 Vapor Analytical Table
Sub-Slab Sampling Data Table for Kewaskum Living Waters Church BRRTS# 03-67-152319
BY METCO

Sub-Slab Sampling conducted Conducted on June 23, 2015

Sample ID	VP-1	WDNR Residential Sub-Slab Vapor Action Levels for Various VOCs Quick Look-Up Table Updated May, 2016 (ug/m^3)	
Benzene – ug/m^3	9.1	120	c
Carbon Tetrachloride – ug/m^3	<0.45	160	c
Chloroform – ug/m^3	<0.45	40	c
Chloromethane – ug/m^3	<0.25	3100	n
Dichlorodifluoromethane – ug/m^3	2.2J	3300	n
1,1-Dichloroethane (1,1-DCA) – ug/m^3	<0.37	600	c
1,2-Dichloroethane (1,2-DCA) - ug/m^3	<0.48	37	c
1,1-Dichloroethylene (1,1-DCE) – ug/m^3	<0.56	7000	n
1,2-Dichloroethylene (trans) - ug/m^3	<0.90	NA	n
Ethylbenzene – ug/m^3	19.5	370	c
Methylene chloride – ug/m^3	302	21000	n
Methyl Tert-Butyl Ether (MTBE) – ug/m^3	4	3700	c
Naphthalene – ug/m^3	20.3	28	c
Tetrachloroethylene -ug/m^3	98.2	1400	n
Toluene – ug/m^3	3690	170000	n
1,1,1-Trichloroethane – ug/m^3	<0.58	170000	n
Trichloroethylene – ug/m^3	0.68	70	n
Trichlorofluoromethane (Halcarbon 11) – ug/m^3	2.1	NA	n
Trimethylbenzene (1,2,4) – ug/m^3	71.5	240	n
Trimethlybezene (1,3,5) – ug/m^3	16.1	NA	n
Vinyl chloride – ug/m^3	<0.46	57	c
Xylene (total) -ug/m^3	110.5	3300	n

ug/m^3 = Micrograms per cubic meter.
< = Less than the reporting limit indicated in parentheses.
Bold = Exceedence of state standards
c = Carcinogen
Underline = Sub-Slab Standard Exceedance
J = between Limit of Detection (LOD) and Limit of Quantitaion (LOQ)
*** Please note that other VOCs were detected that are not on the WDNR Sub-Slab Vapor Action Levels Quick Look-Up**

A.4 Vapor Analytical Table
Indoor Air Sampling Data Table for Kewaskum Living Waters Church BRRTS# 03-67-152319
BY METCO

Indoor Air Sampling conducted Conducted on June 23, 2015

Sample ID	IA-1	WDNR Residential Indoor Air Vapor Action Levels for Various VOCs Quick Look-Up Table Updated May, 2016 (ug/m³)	
Benzene – ug/m³	**36.1**	3.6	c
Carbon Tetrachloride – ug/m³	<0.29	4.7	c
Chloroform – ug/m³	<0.28	1.2	c
Chloromethane – ug/m³	<0.16	94	n
Dichlorodifluoromethane – ug/m³	1.4J	100	n
1,1-Dichloroethane (1,1-DCA) – ug/m³	<0.23	18	c
1,2-Dichloroethane (1,2-DCA) - ug/m³	<0.31	1.1	c
1,1-Dichloroethylene (1,1-DCE) – ug/m³	<0.35	210	n
1,2-Dichloroethylene (cis and trans) - ug/m³	<0.94	NA	n
Ethylbenzene – ug/m³	**33.3**	11	c
Methylene chloride – ug/m³	<0.81	630	n
Methyl Tert-Butyl Ether (MTBE) – ug/m³	<0.45	110	c
Naphthalene – ug/m³	**11.9**	0.83	c
Tetrachloroethylene -ug/m³	<0.41	42	n
Toluene – ug/m³	207	5200	n
1,1,1-Trichloroethane – ug/m³	<0.37	5200	n
Trichloroethylene – ug/m³	<0.41	2.1	n
Trichlorofluoromethane (Halcarbon 11) – ug/m³	1.5	NA	n
Trimethylbenzene (1,2,4) – ug/m³	**51.6**	7.3	n
Trimethlybezene (1,3,5) – ug/m³	12.6	NA	n
Vinyl chloride – ug/m³	<0.29	1.7	c
Xylene (total) -ug/m³	**167**	100	n

ug/m³ = Micrograms per cubic meter.
< = Less than the reporting limit indicated in parentheses.
Bold = Exceedence of state standards
c = Carcinogen
Underline = Indoor Residential Air Standard Exceedance
J = between Limit of Detection (LOD) and Limit of Quantitaion (LOQ)
*** Please note that other VOCs were detected that are not on the WDNR Indoor Air Vapor Action Levels Quick Look-U**

A.6 Water Level Elevations
Kewaskum Living Waters Church BRRTS# 03-67-152319
Kewaskum, Wisconsin

	MW-1	MW-2	MW-3
Ground Surface (feet msl)	941.68	941.40	941.72
PVC top (feet msl)	941.24	941.06	941.44
Depth (feet)	13	13	13
Top of screen (feet msl)	938.68	938.40	938.72
Bottom of screen (feet msl)	928.68	928.40	928.72
Depth to Water From Top of PVC (feet)			
04/09/14	2.97	2.77	3.51
07/09/14	3.14	3.01	3.28
06/23/15	3.49	3.05	3.67
09/15/15	4.01	3.98	4.23
05/12/16	3.87	3.38	4.20
08/24/16	4.39	3.81	4.81
Depth to Water From Ground Surface (feet)			
04/09/14	3.41	3.11	3.79
07/09/14	3.58	3.35	3.56
06/23/15	3.93	3.39	3.95
09/15/15	4.45	4.32	4.51
05/12/16	4.31	3.72	4.48
08/24/16	4.83	4.15	5.09
Groundwater Elevation (feet msl)			
04/09/14	938.27	938.29	937.93
07/09/14	938.10	938.05	938.16
06/23/15	937.75	938.01	937.77
09/15/15	937.23	937.08	937.21
05/12/16	937.37	937.68	937.24
08/24/16	936.85	937.25	936.63

CNL = Could Not Locate
A = Abandoned and removed during soil excavation project
NI = Not Installed

A.7 Other
Groundwater NA Indicator Results
Kewaskum Living Waters Church BRRTS# 03-67-152319

Well MW-1

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/09/14	0.96	6.94	155	5.3	1250	<0.1	37.2	0.1	**349**
07/09/14	0.23	6.31	82	14.6	1398	NS	NS	NS	NS
06/23/15	1.60	7.1	9	13.9	889	NS	NS	NS	NS
09/15/15	2.01	6.91	-25	16.1	1287	NS	NS	NS	NS
05/12/16	1.26	6.77	67	9.9	618	NS	NS	NS	NS
08/24/16	0.45	6.68	2	18.6	1827	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-2

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/09/14	4.46	7.01	196	6.7	790	0.76	44.8	<0.06	*63.2*
07/09/14	0.74	6.38	109	17.1	876	NS	NS	NS	NS
06/23/15	2.75	7.24	186	16.1	573	NS	NS	NS	NS
09/15/15	3.19	7.04	199	16.1	1027	NS	NS	NS	NS
05/12/16	2.33	6.91	269	12.1	478	NS	NS	NS	NS
08/24/16	0.91	6.69	272	18.0	264	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Well MW-3

Date	Dissolved Oxygen (ppm)	pH	ORP	Temp (C)	Specific Conductance	Nitrate + Nitrite (ppm)	Total Sulfate (ppm)	Dissolved Iron (ppm)	Man-ganese (ppb)
04/09/14	3.86	6.56	204	5.5	936	0.71	58.1	<0.06	9.8
07/09/14	0.81	6.75	62	15.5	1075	NS	NS	NS	NS
06/23/15	1.89	7.61	142	15.2	722	NS	NS	NS	NS
09/15/15	4.98	6.83	262	16.3	810	NS	NS	NS	NS
05/12/16	1.94	7.1	246	10.7	519	NS	NS	NS	NS
08/24/16	0.69	6.88	271	17.4	1091	NS	NS	NS	NS
ENFORCE MENT STANDARD = **ES – Bold**						**10**	-	-	**300**
PREVENTIVE ACTION LIMIT = *PAL - Italics*						*2*	-	-	*60*

(ppb) = parts per billion (ppm) = parts per million
ns = not sampled nm = not measured
Note: Elevations are presented in feet mean sea level (msl).

Attachment B/Maps and Figures

B.1 Location Maps

B.1.a Location Map

B.1.b Detailed Site Map

B.1.c RR Site Map

B.2 Soil Figures

B.2.a Soil Contamination

B.2.b Residual Soil Contamination

B.3 Groundwater Figures

B.3.a Geologic Cross-Section Figure(s)

B.3.b Groundwater Isoconcentration

B.3.c Groundwater Flow Direction

B.3.d Monitoring Well

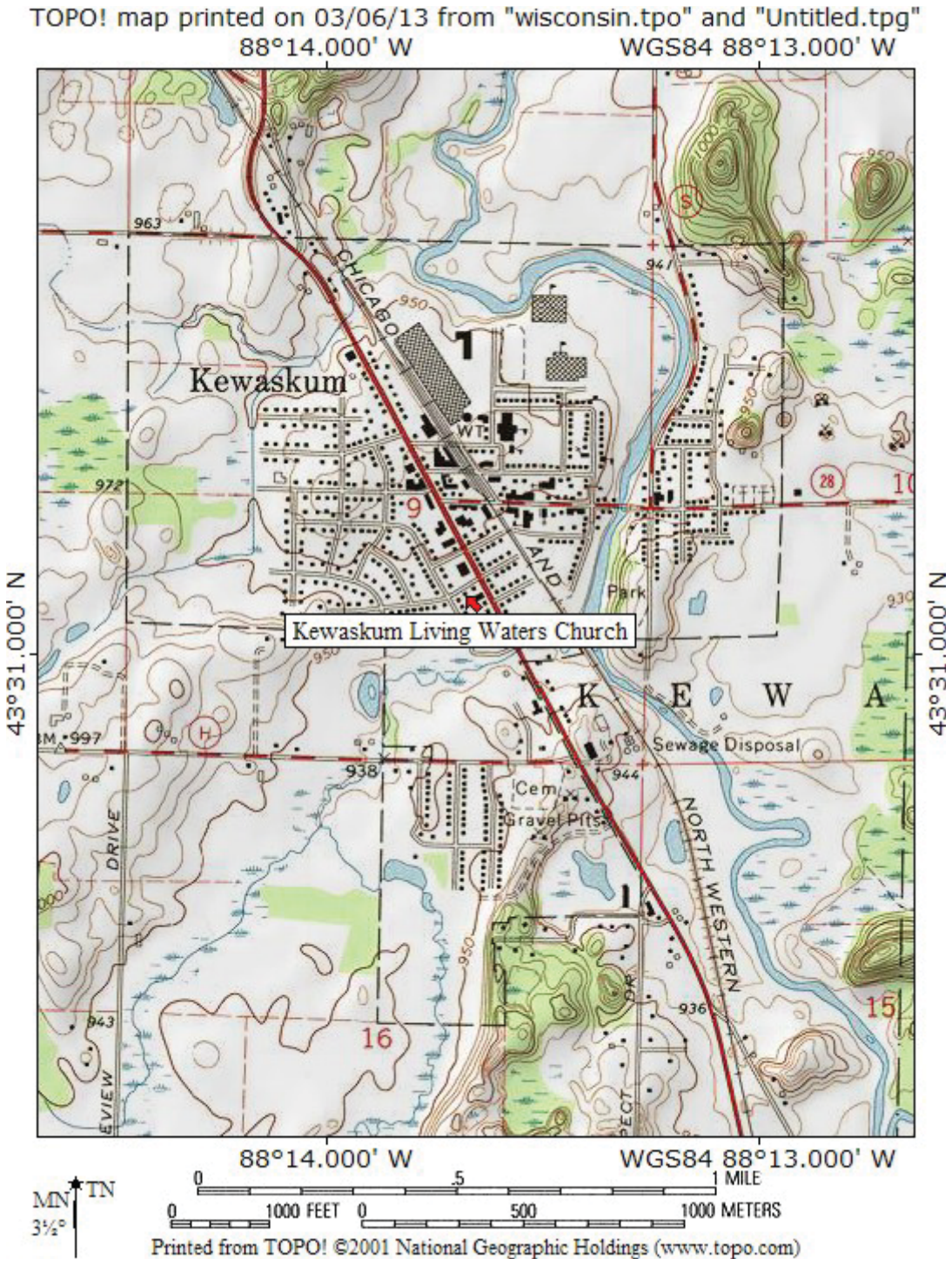
B.4 Vapor Maps and Other Media

B.4.a Vapor Intrusion Map

B.4.b Other media of concern (e.g., sediment or surface water) – No surface waters or sediments were sampled as part of this site investigation.

B.4.c Other – Not Applicable

B.5 Structural Impediment Photos – No structural impediments interfered with the investigation, therefore no photos are being included.



B.1.a LOCATION MAP CONTOUR INTERVAL 10 FEET
KEWASKUM LIVING WATERS CHURCH – KEWASKUM, WI
SEAMLESS USGS TOPOGRAPHIC MAPS ON CD-ROM

B.1.b DETAILED SITE MAP

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: ED
DATE: 03/06/2013

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING - SHEFOND MOBIL MART
- = FORMER MONITORING WELL - SHEFOND MOBIL MART
- = GEOPROBE BORING LOCATION
- = MONITORING WELL LOCATION
- = AIR SAMPLE LOCATION
- = HAND AUGER BORING LOCATION

- = WATER LINE
- = SANITARY SEWER LINE
- = NATURAL GAS LINE
- = TELEPHONE/CABLE LINE
- = BURIED ELECTRIC LINE
- = PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25

CLINTON STREET
FOND DU LAC AVENUE (USH 45)
SIDEWALK
LANDSCAPING
CONC
ASPHALT
CONCRETE RETAINING WALL
REMOVED FUEL, OIL AND KEROSENE UST'S
EXISTING UST'S
FORMER PUMP ISLANDS
CANOPY AND PUMP ISLANDS
REMOVED GASOLINE UST'S
SHEFOND MOBIL MART
CLOSED LUST SITE
BRRTS # 03-67-004616 AND 03-67-005258
I-49 FOND DU LAC AVENUE
KEWASKUM LIVING WATERS CHURCH
BRRTS # 03-67-152319
100 CLINTON STREET
PID#: V4-0191
GRASS
LARGE TREE
LANDSCAPING
REMOVED 300-GAL GASOLINE UST
RESIDENTIAL
CONCRETE
FENCE
RAIN DANCE CAR WASH
I-99 FOND DU LAC AVENUE
VAC
SIGN
AREA OF JUNE 1995 SOIL EXCAVATION
CAR WASH TIMER
STORM DRAIN
CAR WASH TICKET VENDOR
SUMP #1
SUMP #2
B-1/ MW-1
B-2/ MW-2
B-3/ MW-3
B-4/ MW-4
B-5
MW-1
MW-2
MW-3
HA-1
HA-2
HB-1
VP-1
IA-1
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
GP-1
GP-2
GP-3
GP-4
GP-5
GP-6
GP-7
GP-8
GP-9
GP-10
GP-11
GP-12
GP-13
GP-14
GP-15
GP-16
GP-17
GP-18
GP-19
GP-20

B.1.c. RR Sites Map

Legend

- Open Site (ongoing cleanup)
- Open Site Boundary
- Closed Site (completed cleanup)
- Closed Site Boundary
- Groundwater Contamination
- Soil Contamination
- Groundwater and Soil Contamination
- Dryclean Environmental Response Fund (DERF)
- Green Space Grant (2004-2009)
- Ready for Reuse
- Site Assessment Grant (2001-2009)
- State Funded Response
- Sustainable Urban Development Zone (S
- General Liability Clarification Letters
- Superfund NPL
- Voluntary Party Liability Exemption
- Rivers and Streams
- Open Water
- Municipality
- State Boundaries
- County Boundaries
- Major Roads
  - Interstate Highway
  - State Highway
  - US Highway
- County and Local Roads

Notes

0.6 0 0.28 0.6 Miles

NAD_1983_HARN_Wisconsin_TM

1: 18,000

Note: Not all sites are mapped.

B.2.a PRE-REMEDIAL SOIL CONTAMINATION

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: JZ
DATE: 12/08/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING - SHEFOND MOBIL MART
- = FORMER MONITORING WELL - SHEFOND MOBIL MART
- = GEOPROBE BORING LOCATION
- = MONITORING WELL LOCATION

- = WATER LINE
- = SANITARY SEWER LINE
- = NATURAL GAS LINE
- = TELEPHONE/CABLE LINE
- = BURIED ELECTRIC LINE
- = PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25

CLINTON STREET
SIDEWALK
FOND DU LAC AVENUE (USH 45)
SIDEWALK
KEWASKUM LIVING WATERS CHURCH
BRRTS #: 03-67-152319
100 CLINTON STREET
PID#: V4-0191
LANDSCAPING
CONC
ASPHALT
REMOVED FUEL OIL AND KEROSENE UST'S
EXISTING UST'S
FORMER PUMP ISLANDS
CANOPY AND PUMP ISLANDS
REMOVED GASOLINE UST'S
SHEFOND MOBIL MART
CLOSED LUST SITE
BRRTS # 03-67-004616 AND 03-67-005258
149 FOND DU LAC AVENUE
CONCRETE RETAINING WALL
GRASS
SUMP #1
LARGE TREE
LANDSCAPING
AREA OF UNSATURATED SOIL (BASED ON ALL-TIME LOW WATERTABLE) CONTAMINATION EXCEEDING NR720 GW RCL'S
AREA OF UNSATURATED SOIL CONTAMINATION EXCEEDING NR720 DIRECT CONTACT RCL'S
REMOVED 300-GAL GASOLINE UST
LANDSCAPING
GRASS
RESIDENTIAL
CONCRETE
GRASS
FENCE
RAIN DANCE CAR WASH
1139 FOND DU LAC AVENUE
VAC
SIGN
VAC
VAC
AREA OF JUNE 1995 SOIL EXCAVATION
CAR WASH TIMER
STORM DRAIN
CAR WASH TICKET VENDOR
B-5
B-1/ MW-1
B-2/ MW-2
B-3/ MW-3
B-4/ MW-4
MW-1
MW-2
MW-3
SUMP #2
HA-1
HA-2
HB-1
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
GP-1
GP-2
GP-3
GP-4
GP-5
GP-6
GP-7
GP-8
GP-9
GP-10
GP-11
GP-12
GP-13
GP-14
GP-15
GP-16
GP-17
GP-18
GP-19
GP-20

B.2.b. RESIDUAL SOIL CONTAMINATION

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: JZ
DATE: 12/08/2014

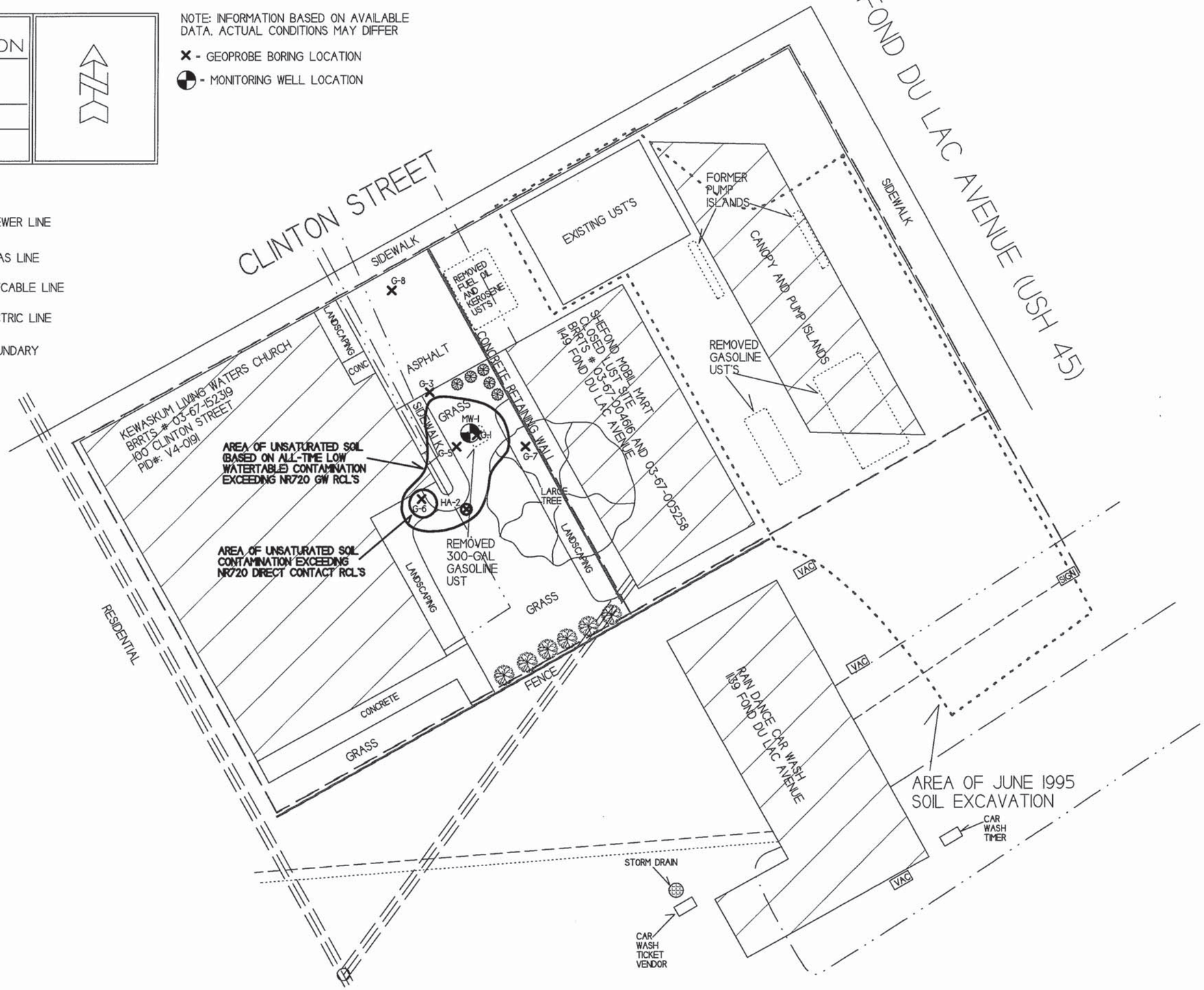
NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

× - GEOPROBE BORING LOCATION

⊕ - MONITORING WELL LOCATION

- WATER LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRIC LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25



B.3.a. GEOLOGIC CROSS-SECTION FIGURE

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

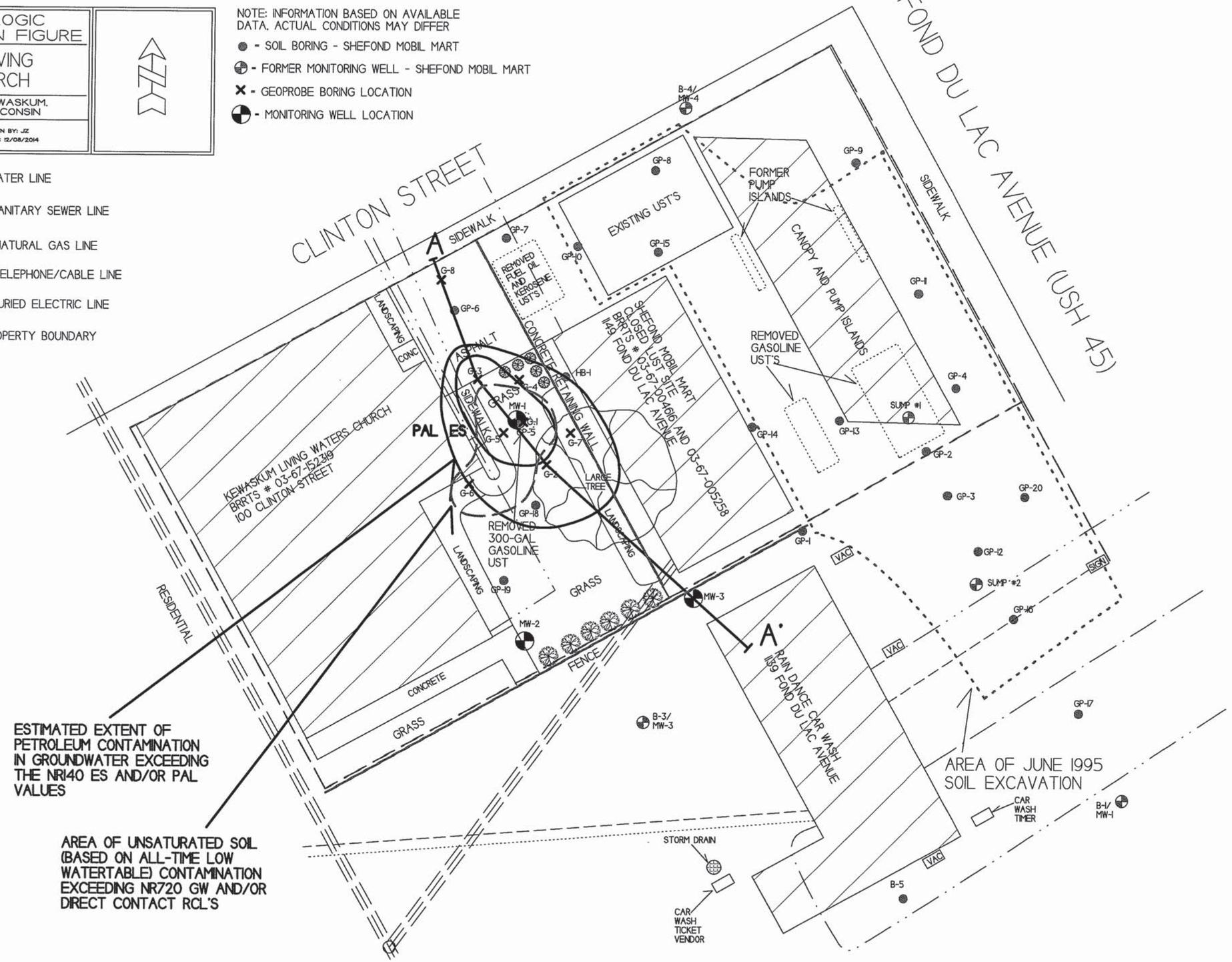
DRAWN BY: JZ
DATE: 12/08/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- ● - SOIL BORING - SHEFOND MOBIL MART
- ⊕ - FORMER MONITORING WELL - SHEFOND MOBIL MART
- × - GEOPROBE BORING LOCATION
- ◓ - MONITORING WELL LOCATION

- WATER LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRIC LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25



ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL VALUES

AREA OF UNSATURATED SOIL (BASED ON ALL-TIME LOW WATERTABLE) CONTAMINATION EXCEEDING NR720 GW AND/OR DIRECT CONTACT RCL'S

B.3.a. GEOLOGIC CROSS-SECTION FIGURE

KEWASKUM LIVING WATERS CHURCH

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KEWASKUM.
WISCONSIN

DRAWN BY: JZ
DATE: 12/08/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING - SHEFOND MOBIL MART
- = FORMER MONITORING WELL - SHEFOND MOBIL MART
- = GEOPROBE BORING LOCATION
- = MONITORING WELL LOCATION

- = WATER LINE
- = SANITARY SEWER LINE
- = NATURAL GAS LINE
- = TELEPHONE/CABLE LINE
- = BURIED ELECTRIC LINE
- = PROPERTY BOUNDARY

SCALE:
1 INCH = 12 FEET
0 12

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL VALUES

AREA OF UNSATURATED SOIL (BASED ON ALL-TIME LOW WATERTABLE) CONTAMINATION EXCEEDING NR720 GW AND/OR DIRECT CONTACT RCL'S

SIDEWALK
A
G-8
GP-6
GP-7
GP-10
GP-15
EXISTING UST'S
FORMER PUMP ISLANDS
REMOVED FUEL OIL AND KEROSENE UST'S
LANDSCAPING
CONC
ASPHALT
CONCRETE RETAINING WALL
G-3
G-4
HB-1
SHEFOND MOBIL MART
CLOSED LUST SITE
BRRTS # 03-67-004616
1149 FOND DU LAC AVENUE
AND 03-67-005258
REMOVED GASOLIN UST'S
GRASS
MW-1
G-1
GP-5
G-5
G-7
G-2
G-6
GP-14
LARGE TREE
GP-18
REMOVED 300-GAL GASOLINE UST
LANDSCAPING
GP-19
MW-3
MW-2
FENCE
A'
KEWASKUM LIVING WATERS CHURCH
BRRTS # 03-67-152319
100 CLINTON STREET
RESIDENTIAL
PAL ES

B.3.a. GEOLOGIC CROSS SECTION FIGURE

KEWASKUM LIVING WATERS CHURCH

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LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
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WATERTOWN. WISCONSIN

DRAWN BY: JZ
DATE: 12/08/2014

INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER.

SOIL SAMPLE RESULTS ARE PRESENTED IN PARTS PER MILLION (PPM)

GROUNDWATER SAMPLE RESULTS ARE PRESENTED IN PARTS PER BILLION (PPB).

NOTE: SOIL AND GROUNDWATER SAMPLE DATA IS BASED ON LABORATORY RESULTS FROM SAMPLES COLLECTED DURING THE:
GEOPROBE PROJECT - (7/30/2013)
DRILLING PROJECT (12/17/2013)
ROUND 6 GROUNDWATER SAMPLING - (8/24/2016)

▲ - GEOPROBE BORING LOCATION (METCO JUNE 2013)
◓ - MONITORING WELL LOCATION
▲ - GEOPROBE BORING SOIL SAMPLING LOCATION
◓ - MONITORING WELL SOIL SAMPLING LOCATION
▼ - ALL-TIME LOW WATERTABLE
◍ - SHEFOND MOBIL MART GEPROBE BORING

PID - PHOTO IONIZATION DETECTOR
PVOC - PETROLEUM VOLATILE ORGANIC COMPOUNDS
B - BENZENE
E - ETHYLBENZENE
MTBE - METHYL-TERT-BUTYL-ETHER
N - NAPHTHALENE
T - TOLUENE
TMB - TRIMETHYLBENZENE
X - XYLENE

TAN TO BROWN TO GRAY SAND WITH GRAVEL (FILL MATERIAL)

TAN TO BROWN TO GRAY CLAY TO SANDY CLAY WITH GRAVEL

HORIZONTAL SCALE:
1 INCH = 12 FEET
0 — 12

VERTICAL SCALE:
1 INCH = 3 FEET
0 — 3

A (NW) — A' (SE)

AREA OF REMOVED 300-GALLON UST

(SHEFOND MOBIL MART) GP-6 — ASPHALT — GRASS/LANDSCAPING — RAIN DANCE CAR WASH

940' MSL
935' MSL
930' MSL

G-8 — GP-6 — G-3 — MW-1 — G-1 — G-2 — MW-3

G-8-1 3.5 FEET 4.3 PID
G-8-2 5.5 FEET 84.0 PID 9.3 N 2.17 1,2,4-TMB
G-8-3 12 FEET 5.4 PID

GP-6-1 8 FEET 2 DRO
GP-6-2 12 FEET 1 DRO

G-3-1 3.5 FEET 1.7 PID
G-3-2 5 FEET 305.0 PID 2.38 N 1.26 T 6.6 1,2,4-TMB 4.9 1,3,5-TMB
G-3-3 12 FEET 6.7 PID

MW-1-1 3.5 FEET 0 PID
MW-1-2 8 FEET 60.0 PID 0.960 B 5.6 E 3.6 N 15.6 1,2,4-TMB 4.00 1,3,5-TMB 8.95 X
MW-1-3 12 FEET 0 PID

G-1-1 3.5 FEET 2.0 PID 40.90 LEAD 0.053 B
G-1-2 8 FEET 137.0 PID 0.350 B 3.08 E 3.6 N 13.3 1,2,4-TMB 3.4 1,3,5-TMB 7.54 X
G-1-3 12 FEET 2.2 PID

G-2-1 3.5 FEET 2.4 PID
G-2-2 8 FEET 1.8 PID
G-2-3 12 FEET 1.7 PID

MW-3-1 3.5 FEET 0 PID
MW-3-2 8 FEET 0 PID
MW-3-3 12 FEET 0 PID

SOIL EXCEEDANCE BELOWTHE ALL TIME LOW WATERTABLE. HOWEVER, PLEASE NOTE THAT THERE ARE NO GROUNDWATER EXCEEDANCES FOR G-8

GENERAL EXTENT OF PETROLEUM CONTAMINATION IN SOIL AND GROUNDWATER EXCEEDING NR720 GROUNDWATER RCL's AND/OR NR140 ES AND/OR PAL

TW-8	TW-3	MW-1	TW-1	TW-2	MW-3
<0.27 B	22.1 B	220 B	152 B	1.33 B	<0.46 B
<0.82 E	25.7 E	122 E	132 E	2.39 E	<0.73 E
<0.37 MTBE	<0.37 MTBE	<4.9 MTBE	<0.37 MTBE	<0.37 MTBE	0.96 MTBE
6.5 N	15.3 N	<26 N	28 N	2.6 N	<2.6 N
<0.8 T	8.4 T	12.4 T	56 T	8.9 T	<0.39 T
<1.69 TMB	175 TMB	20.1-28.4 TMB	340 TMB	5.65 TMB	<1.51 TMB
<2.41 X	44.4 X	25.9-32.50 X	444 X	7.91 X	<2.06 X

B.3.b GROUNDWATER ISOCONCENTRATION (August 24, 2016)

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: JZ
DATE: 12/08/2014

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- ● - SOIL BORING - SHEFOND MOBIL MART
- ⊕ - FORMER MONITORING WELL - SHEFOND MOBIL MART
- × - GEOPROBE BORING LOCATION
- ◒ - MONITORING WELL LOCATION

- WATER LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRIC LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25

GROUNDWATER FLOW
BASED ON MOST RECENT
SAMPLING EVENT (8-24-16)

ESTIMATED EXTENT OF PETROLEUM CONTAMINATION IN GROUNDWATER EXCEEDING THE NR140 ES AND/OR PAL VALUES

CLINTON STREET
FOND DU LAC AVENUE (USH 45)
SIDEWALK
LANDSCAPING
CONC
ASPHALT
CONCRETE RETAINING WALL
GRASS
KEWASKUM LIVING WATERS CHURCH
BRRTS # 03-67-152319
100 CLINTON STREET
RESIDENTIAL
REMOVED FUEL OIL AND KEROSENE USTS
EXISTING UST'S
FORMER PUMP ISLANDS
CANOPY AND PUMP ISLANDS
REMOVED GASOLINE UST'S
SHEFOND MOBIL MART CLOSED LUST SITE BRRTS # 03-67-004696 AND 03-67-005258
1149 FOND DU LAC AVENUE
REMOVED 300-GAL GASOLINE UST
LARGE TREE
LANDSCAPING
GRASS
CONCRETE
FENCE
RAIN DANCE CAR WASH
1159 FOND DU LAC AVENUE
VAC
SIGN
SUMP #1
SUMP #2
STORM DRAIN
CAR WASH TICKET VENDOR
CAR WASH TIMER
AREA OF JUNE 1995 SOIL EXCAVATION
B-5
B-4/MW-4
B-3/MW-3
B-2/MW-2
B-1/MW-1
MW-1
MW-2
MW-3
HB-1
G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8
GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7 GP-8 GP-9 GP-10 GP-11 GP-12 GP-13 GP-14 GP-15 GP-16 GP-17 GP-18 GP-19 GP-20

B.3.c GROUNDWATER FLOW DIRECTION (September 15, 2015)

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: DP

DATE: 12/30/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING - SHEFOND MOBIL MART
- = FORMER MONITORING WELL - SHEFOND MOBIL MART
- = GEOPROBE BORING LOCATION
- = MONITORING WELL LOCATION

- = WATER LINE
- = SANITARY SEWER LINE
- = NATURAL GAS LINE
- = TELEPHONE/CABLE LINE
- = BURIED ELECTRIC LINE
- = PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25

CLINTON STREET
FOND DU LAC AVENUE (USH 45)
SIDEWALK
LANDSCAPING
CONC
ASPHALT
GRASS
CONCRETE RETAINING WALL
SIDEWALK
LARGE TREE
LANDSCAPING
REMOVED FUEL OIL AND KEROSENE UST'S
EXISTING UST'S
FORMER PUMP ISLANDS
CANOPY AND PUMP ISLANDS
REMOVED GASOLINE UST'S
SHEFOND MOBIL MART
CLOSED LUST SITE
BRRTS # 03-67-004616 AND 03-67-005258
1149 FOND DU LAC AVENUE
KEWASKUM LIVING WATERS CHURCH
BRRTS # 03-67-152319
100 CLINTON STREET
RESIDENTIAL
937.23' MSL
937.21' MSL
937.20' MSL
937.10' MSL
937.08' MSL
REMOVED 300-GAL GASOLINE UST
CONCRETE
FENCE
GRASS
RAIN DANCE CAR WASH
1139 FOND DU LAC AVENUE
AREA OF JUNE 1995 SOIL EXCAVATION
CAR WASH TIMER
STORM DRAIN
CAR WASH TICKET VENDOR
SUMP #1
SUMP #2
VAC.
SIGN
B-1/ MW-1
B-2/ MW-2
B-3/ MW-3
B-4/ MW-4
B-5
MW-1
MW-2
MW-3
GP-1
GP-2
GP-3
GP-4
GP-5
GP-6
GP-7
GP-8
GP-9
GP-10
GP-11
GP-12
GP-13
GP-14
GP-15
GP-16
GP-17
GP-18
GP-19
GP-20
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
HB-1
HB-1

B.3.c GROUNDWATER FLOW DIRECTION (August 24. 2016)

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: DP

DATE: 12/30/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING - SHEFOND MOBIL MART
- = FORMER MONITORING WELL - SHEFOND MOBIL MART
- = GEOPROBE BORING LOCATION
- = MONITORING WELL LOCATION

- = WATER LINE
- = SANITARY SEWER LINE
- = NATURAL GAS LINE
- = TELEPHONE/CABLE LINE
- = BURIED ELECTRIC LINE
- = PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25

CLINTON STREET
FOND DU LAC AVENUE (USH 45)
SIDEWALK
LANDSCAPING
CONC
ASPHALT
CONCRETE RETAINING WALL
GRASS
LARGE TREE
LANDSCAPING
CONCRETE
FENCE
GRASS
RESIDENTIAL
KEWASKUM LIVING WATERS CHURCH
BRRTS # 03-67-152309
100 CLINTON STREET
REMOVED FUEL OIL AND KEROSENE UST'S
EXISTING UST'S
FORMER PUMP ISLANDS
CANOPY AND PUMP ISLANDS
REMOVED GASOLINE UST'S
SHEFOND MOBIL MART
CLOSED LUST SITE
BRRTS # 03-67-004616 AND 03-67-005258
1149 FOND DU LAC AVENUE
REMOVED 300 GAL GASOLINE UST
RAIN DANCE CAR WASH
1159 FOND DU LAC AVENUE
AREA OF JUNE 1995 SOIL EXCAVATION
CAR WASH TIMER
STORM DRAIN
CAR WASH TICKET VENDOR
SIGN
VAC
SUMP #1
SUMP #2
936.85' MSL
936.63' MSL
936.70' MSL
936.80' MSL
936.90' MSL
937.00' MSL
937.10' MSL
937.20' MSL
937.26' MSL
B-1/MW-1
B-2/MW-2
B-3/MW-3
B-4/MW-4
B-5
MW-1
MW-2
MW-3
GP-1
GP-2
GP-3
GP-4
GP-5
GP-6
GP-7
GP-8
GP-9
GP-10
GP-11
GP-12
GP-13
GP-14
GP-15
GP-16
GP-17
GP-18
GP-20
G-1
G-2
G-3
G-4
G-5
G-6
G-7
G-8
HB-1

B.3.c GROUNDWATER FLOW DIRECTION JULY 9, 2014

KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-8879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: JZ

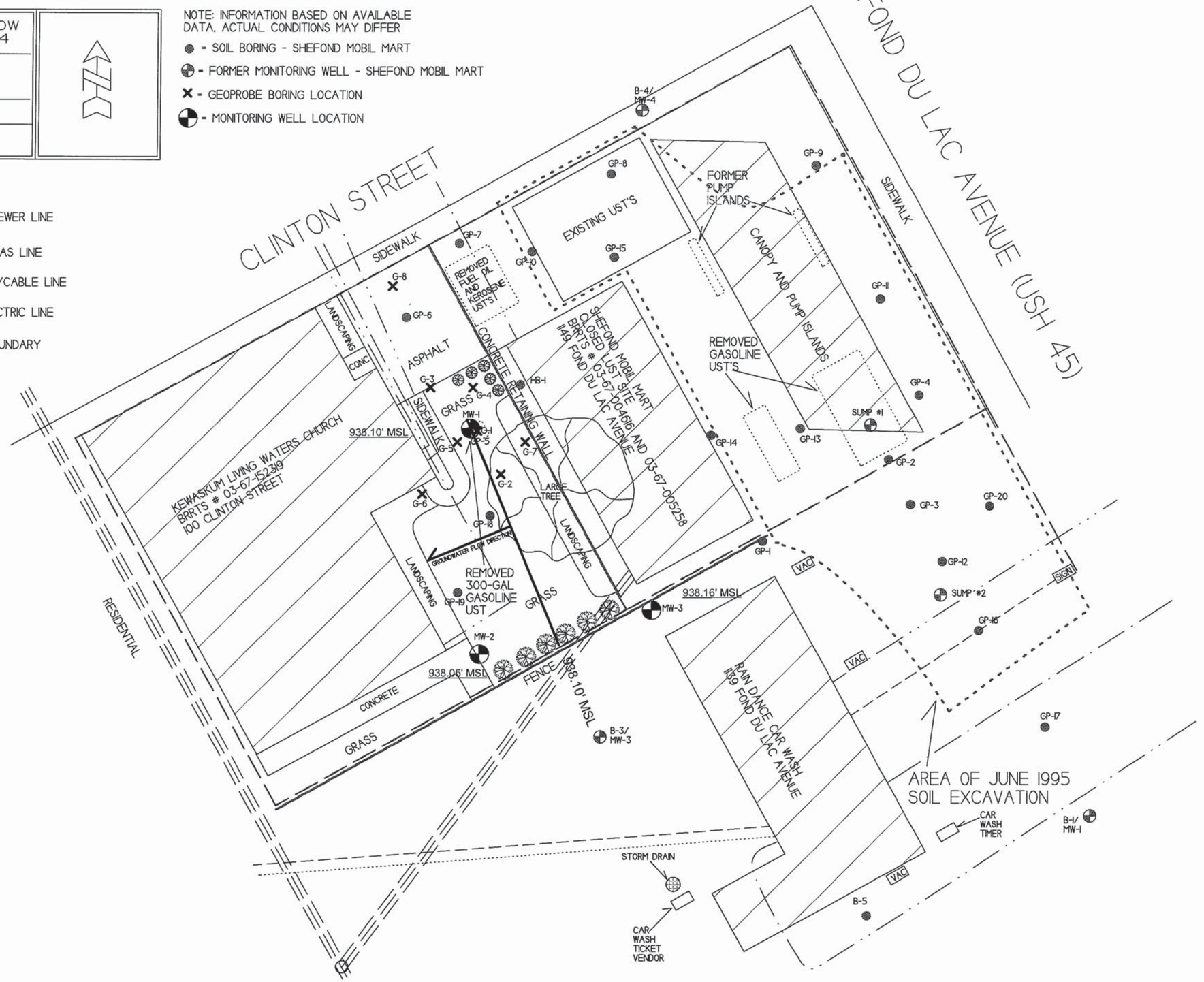
DATE: 12/02/14

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- ● - SOIL BORING - SHEFOND MOBIL MART
- ⊕ - FORMER MONITORING WELL - SHEFOND MOBIL MART
- × - GEOPROBE BORING LOCATION
- ⊕ - MONITORING WELL LOCATION

- WATER LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRIC LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25



B.3.c GROUNDWATER FLOW DIRECTION (September 15, 2015)

KEWASKUM LIVING WATERS CHURCH

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Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

DRAWN BY: DP

DATE: 12/30/15

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- = SOIL BORING - SHEFOND MOBIL MART
- = FORMER MONITORING WELL - SHEFOND MOBIL MART
- = GEOPROBE BORING LOCATION
- = MONITORING WELL LOCATION

- = WATER LINE
- = SANITARY SEWER LINE
- = NATURAL GAS LINE
- = TELEPHONE/CABLE LINE
- = BURIED ELECTRIC LINE
- = PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25

CLINTON STREET
FOND DU LAC AVENUE (USH 45)
SIDEWALK
LANDSCAPING
CONC
ASPHALT
GRASS
CONCRETE RETAINING WALL
REMOVED FUEL OIL AND KEROSENE UST'S
EXISTING UST'S
FORMER PUMP ISLANDS
CANOPY AND PUMP ISLANDS
REMOVED GASOLINE UST'S
SHEFOND MOBIL MART CLOSED LUST SITE BRRTS # 03-67-004616 AND 03-67-005258 1149 FOND DU LAC AVENUE
KEWASKUM LIVING WATERS CHURCH BRRTS # 03-67-152319 100 CLINTON STREET
RESIDENTIAL
LARGE TREE
REMOVED 300-GAL GASOLINE UST
CONCRETE
FENCE
RAIN DANCE CAR WASH 1139 FOND DU LAC AVENUE
AREA OF JUNE 1995 SOIL EXCAVATION
CAR WASH TIMER
STORM DRAIN
CAR WASH TICKET VENDOR
SUMP #1
SUMP #2
VAC
SIGN

MW-1 937.23' MSL
MW-2 937.08' MSL
MW-3 937.21' MSL
937.10' MSL
937.20' MSL

B-1/MW-1
B-2/MW-2
B-3/MW-3
B-4/MW-4
B-5

GP-1 GP-2 GP-3 GP-4 GP-5 GP-6 GP-7 GP-8 GP-9 GP-10 GP-11 GP-12 GP-13 GP-14 GP-15 GP-16 GP-17 GP-18 GP-19 GP-20

G-1 G-2 G-3 G-4 G-5 G-6 G-7 G-8

HB-1

B.3.d.
MONITORING WELLS
KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-9879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

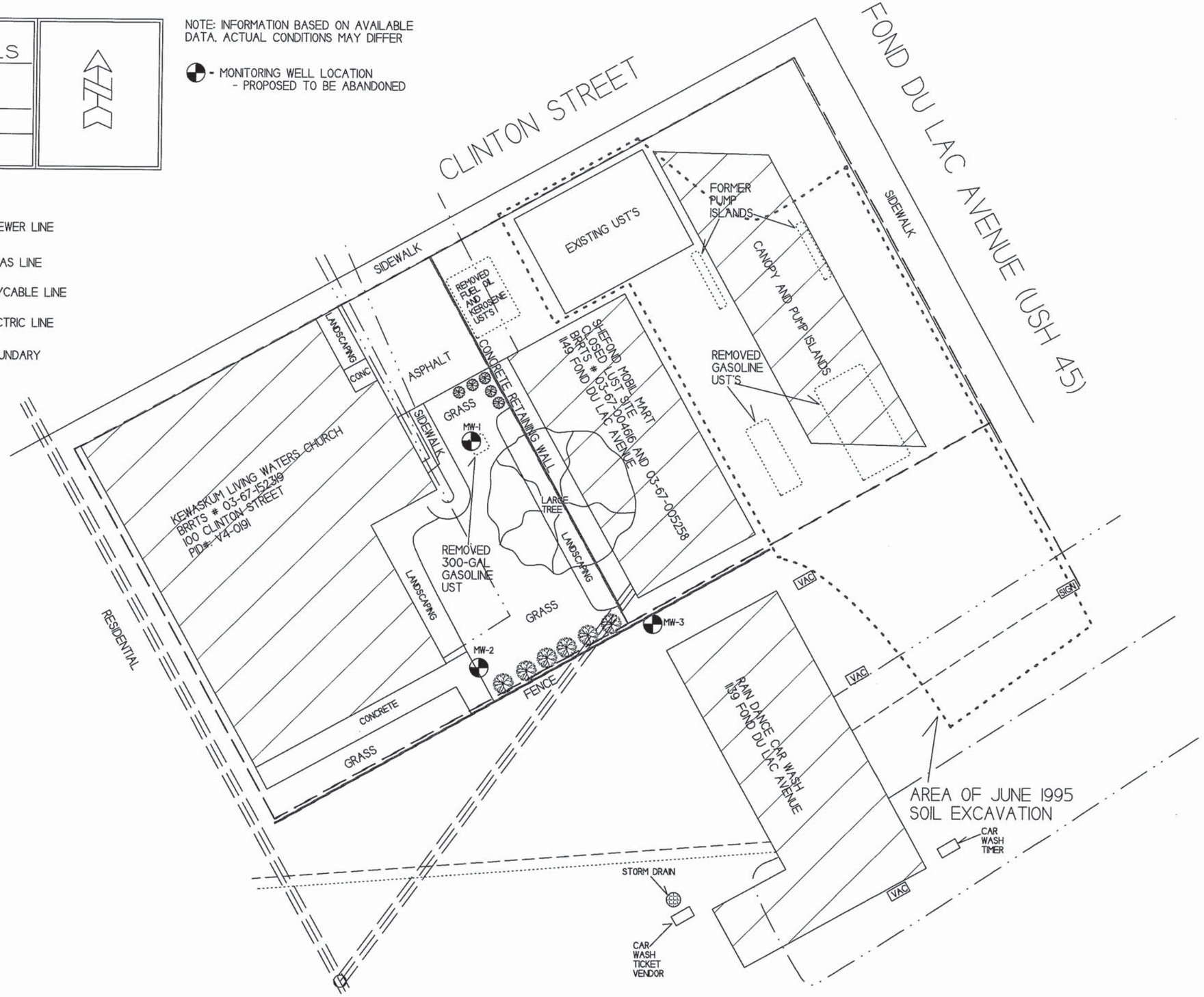
DRAWN BY: ED
DATE: 03/08/2013

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

- MONITORING WELL LOCATION - PROPOSED TO BE ABANDONED

- WATER LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRIC LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25



B.4.a. VAPOR INTRUSION MAP
KEWASKUM LIVING WATERS CHURCH

METCO
709 GILLETTE ST, STE 3
LA CROSSE, WI 54603
Tel: (608) 781-9879
Fax: (608) 781-8893
Excellence through experience

KEWASKUM, WISCONSIN

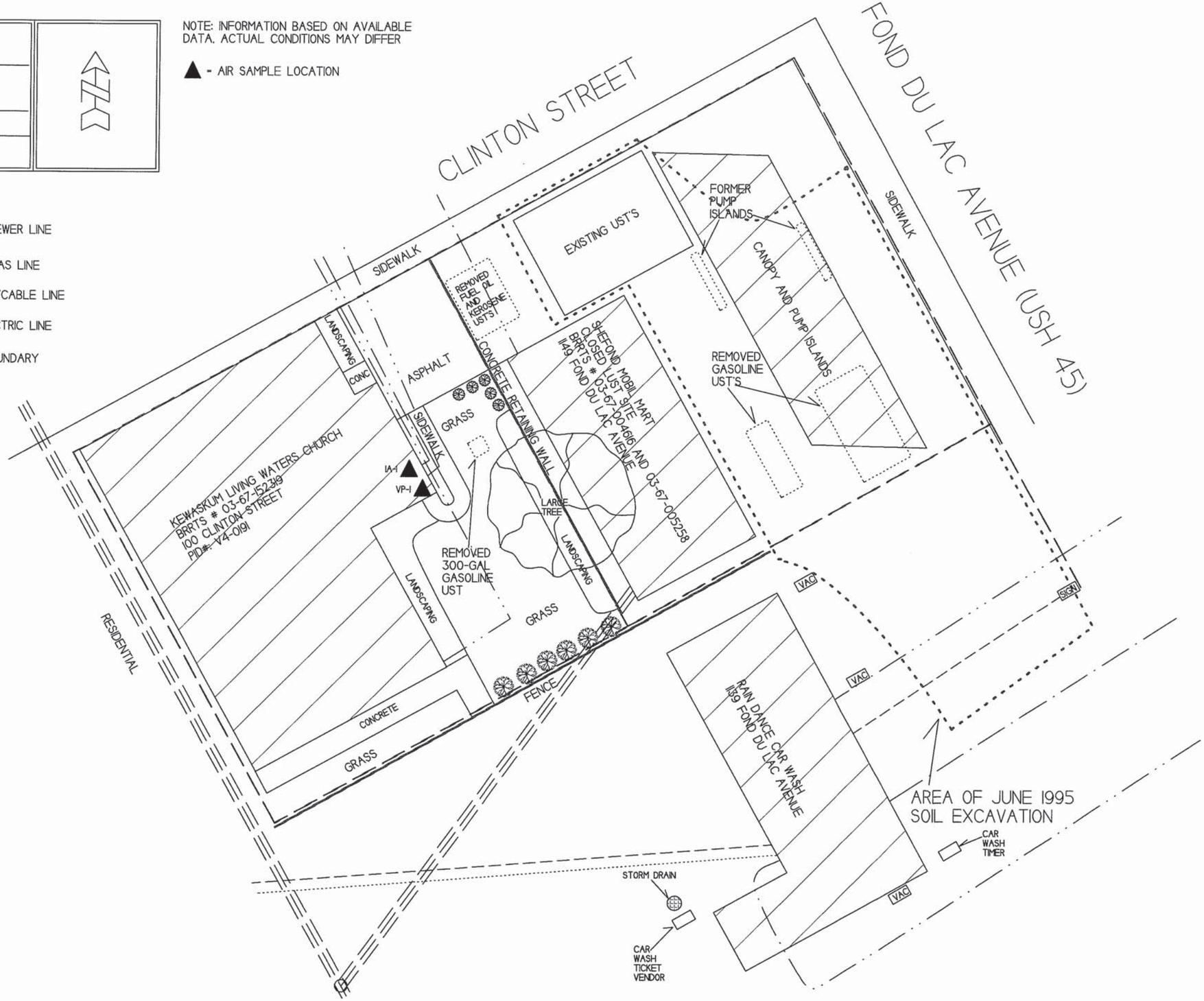
DRAWN BY: ED
DATE: 03/06/2013

NOTE: INFORMATION BASED ON AVAILABLE DATA. ACTUAL CONDITIONS MAY DIFFER

▲ - AIR SAMPLE LOCATION

- WATER LINE
- SANITARY SEWER LINE
- NATURAL GAS LINE
- TELEPHONE/CABLE LINE
- BURIED ELECTRIC LINE
- PROPERTY BOUNDARY

SCALE:
1 INCH = 25 FEET
0 25



Attachment C/Documentation of Remedial Action

C.1 Site Investigation documentation – Two hand auger soil samples have been conducted since the last submittal to the WDNR. The laboratory reports have been attached (the Detailed Site Map presented in B.1.b. shows the locations of the hand auger locations (HA-1 & HA-2) and the soil tables in A.2. present the updated soil results for these samples).

C.2 Investigative waste

C.3 Provide a description of the methodology used along with all supporting documentation if the Residual Contaminant Levels are different than those contained in the Department's RCL Spreadsheet available at: http://dnr.wi.goc/topic/brownfields.Professionals.html\ - Residual Contaminant Levels (RCLs) were established in accordance with NR720.10 and NR720.12. Soil RCLs for the protection of the groundwater pathway and for non-industrial direct contact were taken from the RR programs RCL speadsheet.

C.4 Construction documentation – No Remedial actions and/or interim actions specified in s.NR724.01(1) occurred at this site.

C.5 Decommissioning of Remedial Systems – No remedial systems were installed as part of this site investigation.

C.6 Other – Not applicable

C.I. Site Investigation Documentation

Synergy Environmental Lab,

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

JOAN BRATH
JOAN BRATH
100 CLINTON AVE.,
KEWASKUM, WI 53040

Report Date *16-Nov-16*

Project Name KEWASKUM LIVING WATERS CHURCH **Invoice #** E32034
Project #

Lab Code 5032034A
Sample ID HA-1
Sample Matrix Soil
Sample Date 11/3/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	77.5	%			1	5021		11/7/2016	TCC	1
Inorganic										
Metals										
Lead, Total	24.9	mg/Kg	0.26	0.86	1	6010B		11/11/2016	CWT	1

Lab Code 5032034B
Sample ID HA-2
Sample Matrix Soil
Sample Date 11/3/2016

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
General										
General										
Solids Percent	84.5	%			1	5021		11/7/2016	TCC	1
Inorganic										
Metals										
Lead, Total	101	mg/Kg	0.26	0.86	1	6010B		11/11/2016	CWT	1

Project Name KEWASKUM LIVING WATERS CHURCH **Invoice #** E32034
Project #

"J" Flag: Analyte detected between LOD and LOQ LOD Limit of Detection LOQ Limit of Quantitation

Code	*Comment*
1	Laboratory QC within limits.

CWT denotes sub contract lab - Certification #445126660

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature *Michael Ricker*

CHAIN OF STODY RECORD

Synergy Environmental Lab, Inc.

1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • FAX 920-733-0631

Chain # N2 2883

Page 1 of 1

Sample Handling Request
____ Rush Analysis Date Required
(Rushes accepted only with prior authorization)
X Normal Turn Around

Lab I.D. #

Account No. : | Quote No.:

Project #:

Sampler: (signature)

Project (Name / Location): Kewaskum Living Waters Church

Reports To: Joan Brath	Invoice To: Joan Brath
Company	Company c/o METCO
Address 100 Clinton Ave	Address 709 Gillette St, ste 3
City State Zip Kewaskum, WI 53040	City State Zip La Crosse, WI 54603
Phone (262) 626-8337	Phone (608) 781-8879
FAX	FAX

Lab I.D.	Sample I.D.	Collection Date	Collection Time	Comp	Grab	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 542.2)	VOC (EPA 8260)	8-RCRA METALS	PID/ FID
502034 A	HA-1	11/3	1:50		X		1	S	None			X												
B	HA-2	11/3	2:10		X		1	S	None			X												

Analysis Requested — Other Analysis

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge etc.)

Lab to send copy of report to METCO
Rec Rates
Agent Status

Sample Integrity - To be completed by receiving lab.
Method of Shipment: Driven
Temp. of Temp. Blank ____ °C On Ice: X
Cooler seal intact upon receipt: X Yes ____ No

Relinquished By: (sign)	Time	Date	Received By: (sign)	Time	Date
Heather Nickel	8:00 am	11/4/16			

Received in Laboratory By: [signature] Time: 10:00 Date: 11/5/16

C.2. Investigative Waste

DKS Transport Services, LLC
N7349 548th Street
Menomonie, WI 54751
715-556-2604

INVOICE

6-3 20 14

CUSTOMER: Joan Brath % MEC

JOB NAME: Kewaskum Living Waters Church

☐ CASH ☐ CHECK # _____ ☒ IN-HOUSE ACCOUNT

QUANTITY DATE	QUANTITY SHIPPED	DESCRIPTION	QTY.	UNIT PRICE	AMOUNT
	1	Mobilization	1	274 -	274 -
	3	Haul soil drums to Advanced Disposal	3	103 -	309 -
				TOTAL	583 -

Due upon receipt of invoice.
1.5% per month Service Charge (18% Annual Percentage Rate) will be added to past due accounts.

SIGNATURE _____

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Attachment D/Maintenance Plan(s)

D.1 Descriptions of maintenance action(s) required for maximizing effectiveness of the engineered control, vapor mitigation system, feature or other action for which maintenance is required – Not Applicable

D.2 Location map(s) which show(s) – Not Applicable

D.3 Photographs – Not Applicable

D.4 Inspection log – Not Applicable

Attachment E/Monitoring Well Information

All wells have been located and will be properly abandoned upon WDNR granting closure to the site.

Attachment F/Source Legal Documents

F.1 Deed

F.2 Certified Survey Map

F.3 Verification of Zoning

F.4 Signed Statement

F. I. Deed

DOCUMENT NO

STATE BAR OF WISCONSIN FORM 1—1966

WARRANTY DEED

539825

Vol. 1017 Rec. 594

THIS SPACE RESERVED FOR RECORDING DATA

RECORDED

This Deed, made between WILLIAM A. EDWARDS and VIOLET EDWARDS, a/k/a Violet I. Edwards, his wife

, Grantor,

and PENTECOSTAL HOUSE OF PRAYER, INC., a non-stock, non profit domestic corporation

, Grantee,

Witnesseth, That the said Grantor, for a valuable consideration of $1.00 & other good and valuable consideration conveys to Grantee the following described real estate in Washington County, State of Wisconsin:

RETURN TO Atty. Robert A. Carroll
P. O. Box 127
Cedarburg, WI 53012

Tax Parcel No: V4-0121

Lot Twelve B (12 B) in Block Fifteen (15) of AMENDMENT A, ASSESSOR'S PLAT of the Village of Kewaskum, Washington County, Wisconsin.

TRANSFER
1.50
FEE

This is not (Strike out (is not)) homestead property.

Together with all and singular the hereditaments and appurtenances thereunto belonging;
And William A. Edwards and Violet Edwards
warrants that the title is good, indefeasible in fee simple and free and clear of encumbrances except current taxes, zoning ordinances, easements and restrictions of record, if any,

and will warrant and defend the same.

Dated this 17th day of February, 19 89.

William A. Edwards (SEAL)
• William A. Edwards

Violet Edwards (SEAL)
• Violet Edwards, a/k/a Violet I. Edwards

AUTHENTICATION

Signature(s) WILLIAM A. EDWARDS and VIOLET EDWARDS

authenticated this 17 day of February, 19 89

• John A. Grundahl
TITLE: MEMBER STATE BAR OF WISCONSIN
(If not, authorized by § 706.06, Wis. Stats.)

THIS INSTRUMENT WAS DRAFTED BY
Attorney John A. Grundahl

(Signatures may be authenticated or acknowledged. Both are not necessary.)

ACKNOWLEDGMENT

STATE OF WISCONSIN } ss.
Ozaukee County.

Personally came before me this 17th day of February, 1989 the above named WILLIAM A. EDWARDS & VIOLET EDWARDS, a/k/a VIOLET I. EDWARDS

to me known to be the persons who executed the foregoing instrument and acknowledge the same.

• Robert A. Carroll
Notary Public ... County, Wis.
My Commission is permanent. (expires: ...)

• Name of persons signing in any capacity should be typed or printed below their signatures.

WARRANTY DEED — STATE BAR OF WISCONSIN FORM No. 1—1966 — Wisconsin Legal Blank Co. Inc. Milwaukee, Wis.

F. 2. Certified Survey Map

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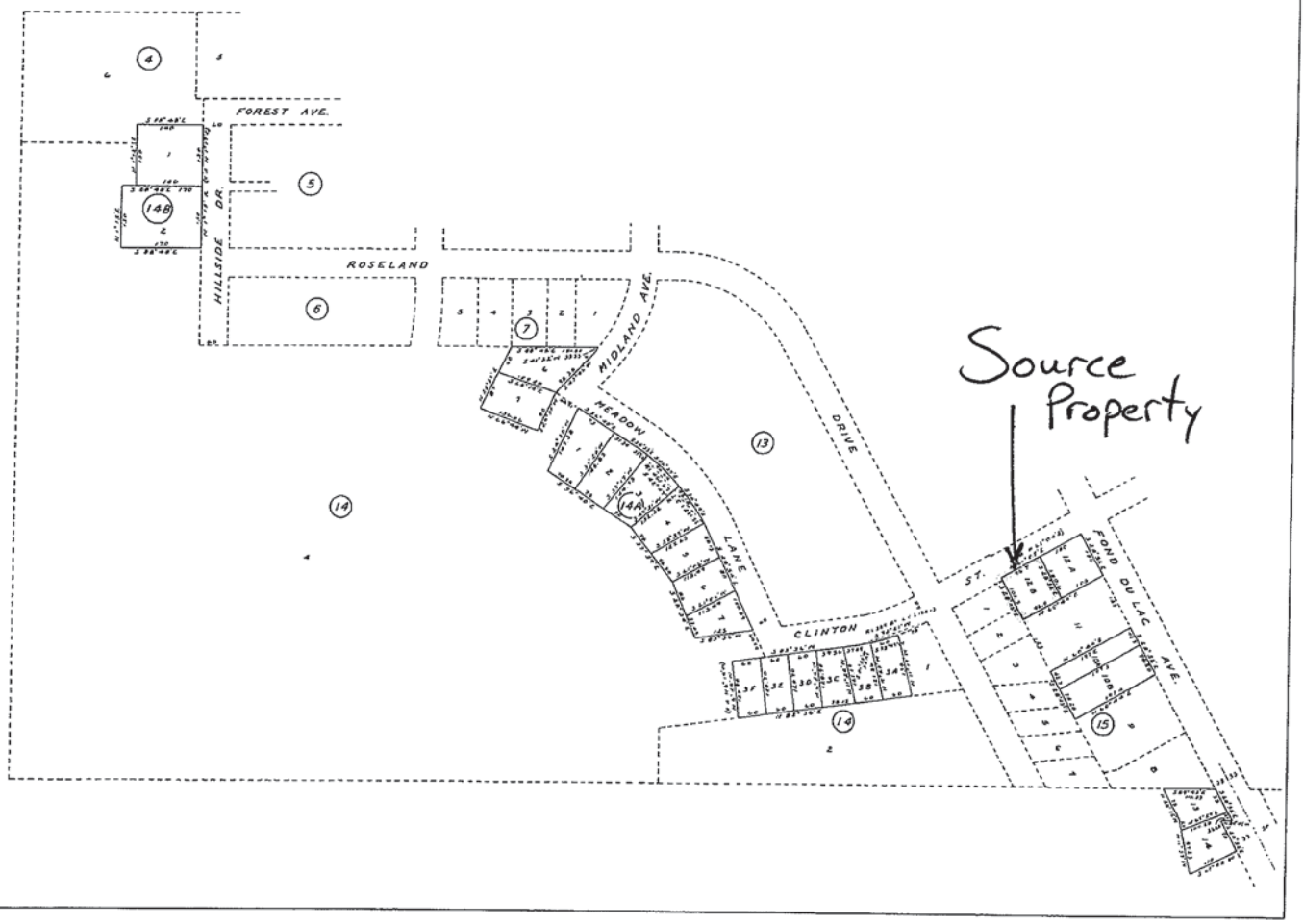
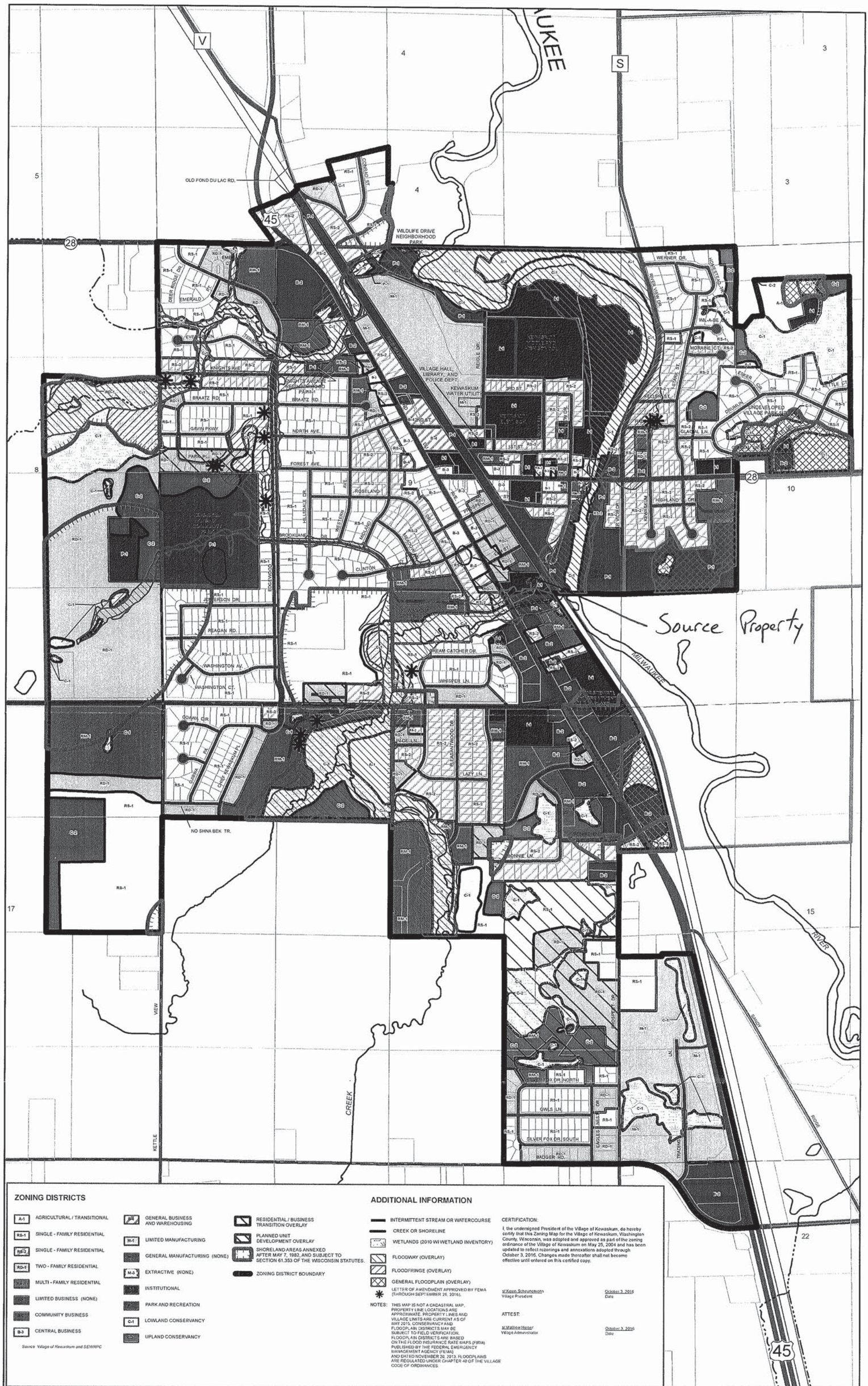
SHEET 3 OF 5





F.3. Verification of Zoning

F.4. Signed Statement

WDNR BRRTS Case #: 03-67-152319

WDNR Site Name: Kewaskum Living Waters Church

Geographic Information System (GIS) Registry of Closed Remediation Sites

In compliance with the revisions to the NR 700 rule series requiring certain closed sites to be listed on the Geographic Information System (GIS) Registry of Closed Remediation Sites (Registry) effective Nov., 2001, I have provided the following information.

To the best of my knowledge the legal descriptions provided and attached to this statement are complete and accurate.

Responsible Party:

A. Joan Brath / Secretary / Treasurer
(print name/title)

A. Joan Brath 1-16-17
(signature) (date)

Attachment G/Notifications to Owners of Affected Properties

G.1 Deed – No deeded properties have been impacted.

G.2 Certified Survey Map – No deeded properties have been impacted.

G.3 Verification of Zoning – No deeded properties have been impacted.

G.4 Signed Statement – No deeded properties have been impacted.