

# Konicek Environmental Consulting LLC

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November 10, 2017

Program Assistant  
Remediation & Redevelopment Program  
Wisconsin Dept. of Natural Resources  
2300 N. Dr. Martin Luther King Jr. Drive  
Milwaukee, WI 53212

Subject: Gas and Grab Case Closure Site Investigation  
1730 22<sup>nd</sup> Avenue  
Kenosha, WI  
BRRTs #02-30-576892

Dear Program Assistant,

In response to the Wisconsin Department of Natural Resources (WDNR) August 17, 2017 email, Konicek Environmental Consulting LLC (KEC) has prepared this site investigation summary in response to the additional comments that a Site Investigation (SI) report was not submitted.

As part of a refinance, Gabriel Environmental Services (Gabriel) completed a Phase II Environmental Site Assessment (ESA) consisting of 7 direct push soil borings on the above referenced site. Seven soil samples were submitted for VOCs. In addition, one groundwater sample was collected from an open borehole.

No concentrations of VOCs were identified in the soil samples collected above RCLs. Benzene was identified in a groundwater sample collected from the open borehole above the ES. Due to the limited impacts identified in the Phase II ESA, the Phase II ESA was submitted to the WDNR along with a No Action Required Form 4400-237 Technical Assistance request and fee.

Subsequent groundwater monitoring wells (GMMW) were installed in response to WDNR March 14, 2016 RP Letter Response. The analytical analysis of the soil and groundwater from the GMMW locations identified no groundwater impacts and limited soil impacts. In an effort to reduce duplication of efforts and reduce costs to achieve case closure for the site with its limited impacts, the Case Closure request form 4400-202 was prepared and submitted with the SI findings as part of the request.

Groundwater elevations were revised to the national geodetic survey datum, investigative waste disposal documentation and figure revisions are included.

Please call with any questions.

Sincerely,

Konicek Environmental Consulting, LLC



Gregory A. Konicek, P.G., CHMM

Attachments:

- Table A.6.
- Figure B.3.c. (2)
- Figure B.3.d.
- Case Closure Form Page 12 of 12

**Table A.6 Water Level Elevations**  
**BRRTS: 02-30-576892**  
**Gas and Grab**  
**1730 22nd Avenue Kenosha, WI**

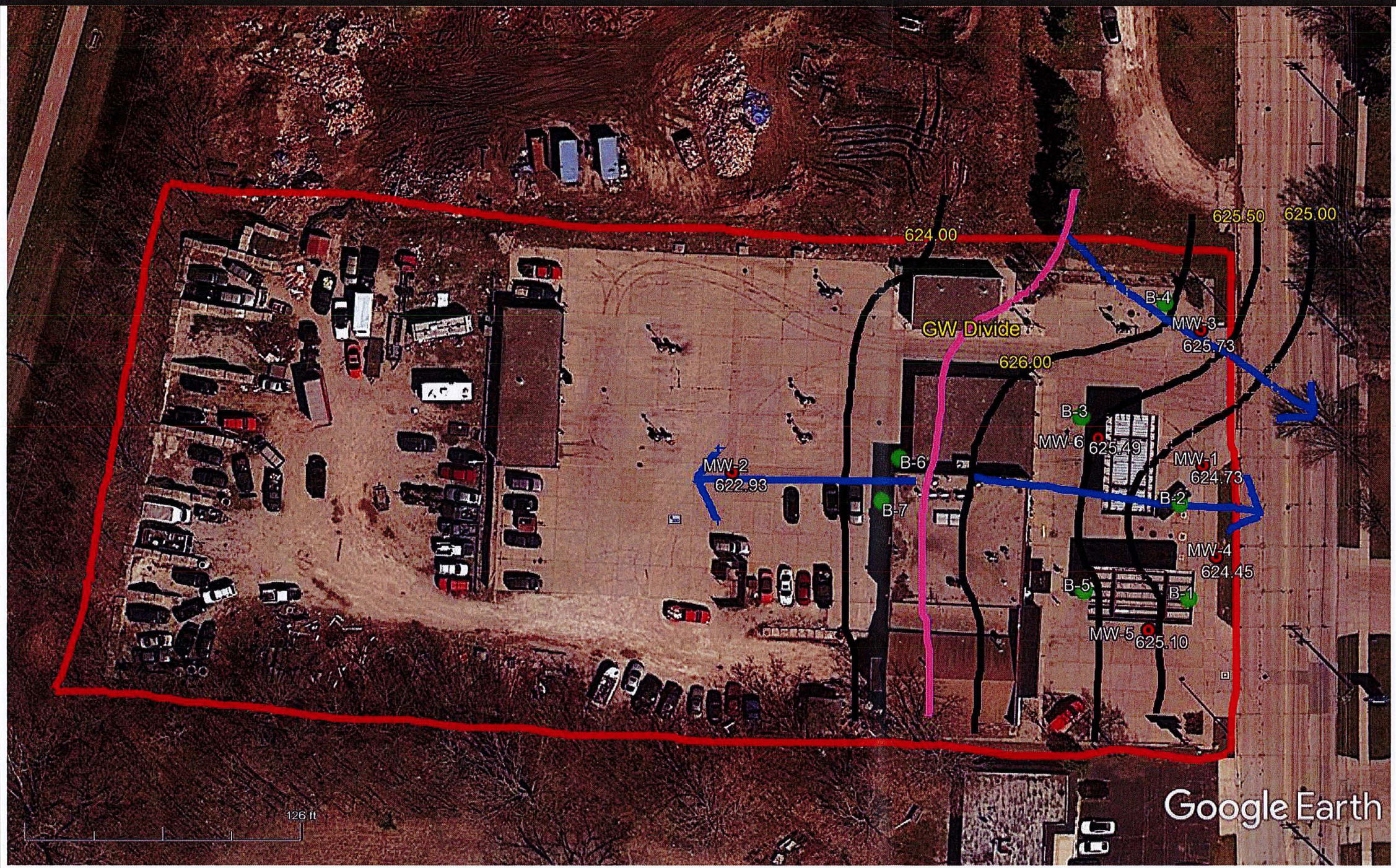
Project: Gas and Grab Page: 1 of 1

Measurements Taken By: Gabriel Environmental Services Device: Heron Groundwater Level Meter




Well Number	Date	Depth to Groundwater (feet)	Well Depth (feet)	Water Column Height (feet)	Top PVC Reference Elevation (feet)	Ground Surface Elevation (feet)	Groundwater Elevation (feet)	Comments
MW-1	08/29/16	2.20	20.00	17.80	626.93	---	624.73	
MW-2	08/29/16	5.82	25.00	19.18	628.75	---	622.93	
MW-3	08/29/16	1.25	25.00	23.75	626.98	---	625.73	
MW-4	08/29/16	2.20	15.00	12.80	626.65	---	624.45	
MW-5	08/29/16	2.45	15.00	12.55	627.55	---	625.10	
MW-6	08/29/16	2.90	15.00	12.10	628.39	---	625.49	
MW-1	12/06/16	1.74	20.00	18.26	626.93	---	625.19	
MW-2	12/06/16	5.16	25.00	19.84	628.75	---	623.59	
MW-3	12/06/16	1.29	25.00	23.71	626.98	---	625.69	
MW-4	12/06/16	1.70	15.00	13.30	626.65	---	624.95	
MW-5	12/06/16	2.29	15.00	12.71	627.55	---	625.26	
MW-6	12/06/16	2.66	15.00	12.34	628.39	---	625.73	

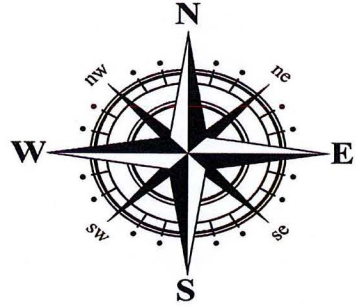
Notes: The measurements were collected by Gabriel Environmental Services. The depth to groundwater, well depth and water column height are measured in the field from the reference elevation survey data. The groundwater elevation shown is in reference to the top of the PVC and is calculated from field and survey data. The survey benchmark is the top of the bottom flange of a fire hydrant which has an assigned mean sea level (MSL) elevation of 626.10.





Scale: 1" = 53 feet (scale is approximate)

- ### Legend
-  - groundwater monitoring well location (MW)
  -  - soil boring location (B)
  -  - approximate property boundary
  - Black Lines are groundwater elevation contours
  - Blue Lines indicate Groundwater Flow Direction based on contour elevations
  - The Pink Line identifies the approximate area of a Groundwater Divide in the water table

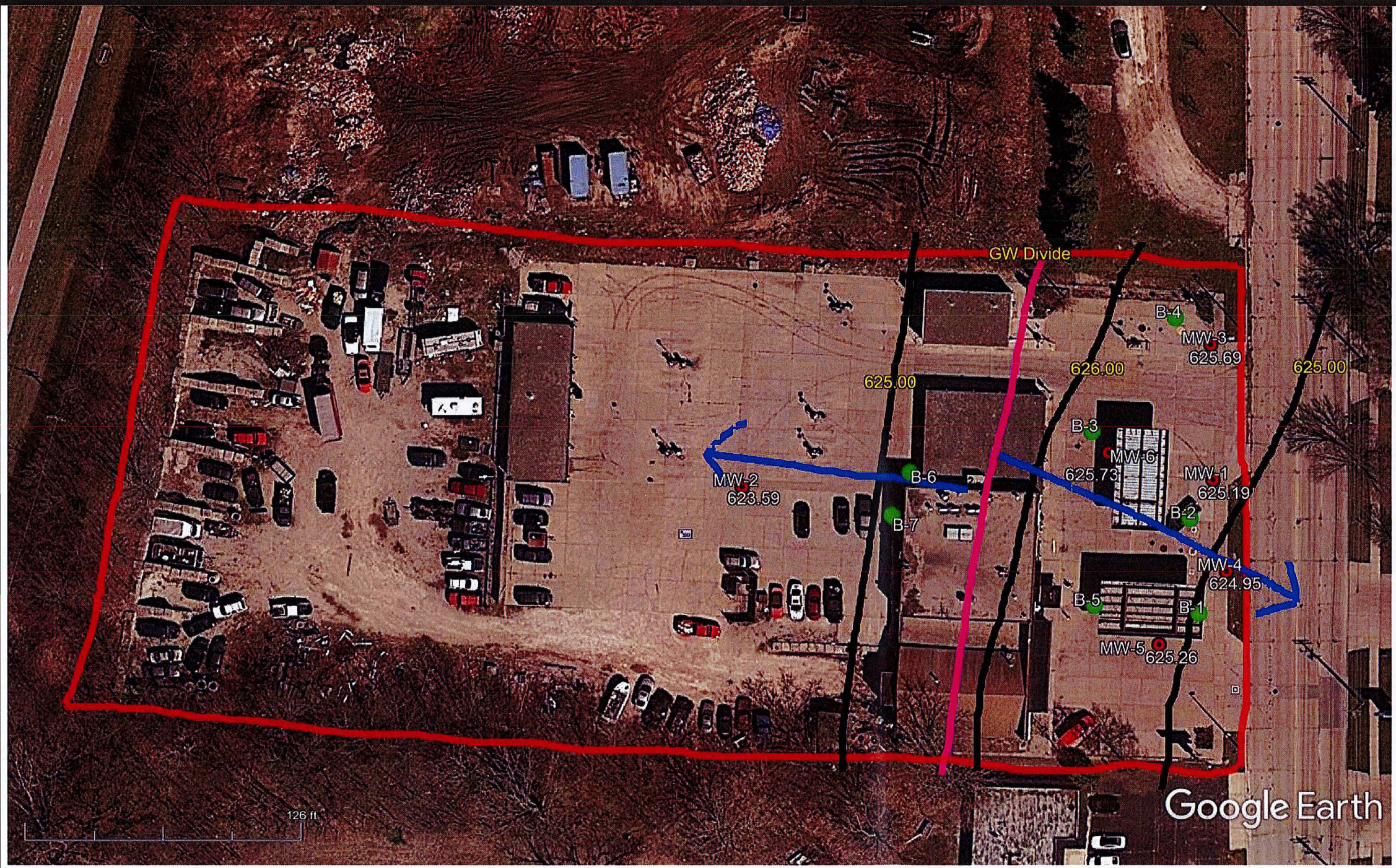


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Date: 11/3/2017




**Figure B.3.c. Groundwater Flow Direction 8/29/16**  
**BRRTS: 02-30-576892**  
**Gas and Grab**  
**1730 22<sup>nd</sup> Avenue Kenosha, WI**

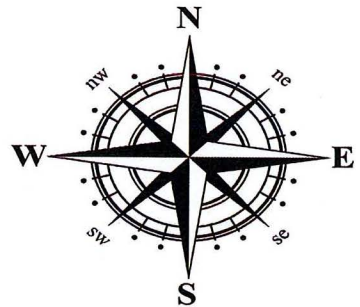




Scale: 1" = 53 feet (scale is approximate)

**Legend**

-  - groundwater monitoring well location (MW)
-  - soil boring location (B)
-  - approximate property boundary
- Black Lines are groundwater elevation contours
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- The Pink Line identifies the approximate area of a Groundwater Divide in the water table



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**Figure B.3.c. Groundwater Flow Direction 12/6/16  
BRRTS: 02-30-576892  
Gas and Grab  
1730 22<sup>nd</sup> Avenue Kenosha, WI**





### Legend

-  - groundwater monitoring well location (MW)
-  - soil boring location (B)
-  - approximate property boundary

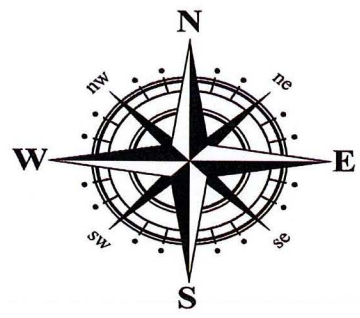
(1) - Monitoring wells proposed to be abandoned upon DNR approval/case closure

Scale: 1" = 51 feet (scale is approximate)

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**Figure B.3.d. Monitoring Wells  
BRRTS: 02-30-576892  
Gas and Grab  
1730 22<sup>nd</sup> Avenue Kenosha, WI**





**COVANTA**  
Environmental  
Solutions

Corporate Office  
1125 South 70th Street, Suite N408B - West Allis, WI 53214  
Phone: 800-842-9792 Fax: 414-475-4486

<b>NON-HAZARDOUS WASTE MANIFEST</b>	1. Generator ID Number	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>800-842-9792</b>	4. Waste Tracking Number <b>CES 119887</b>			
5. Generator's Name and Mailing Address <b>Mid-W-Enterprise-Gas N Grab 1730 22nd Ave Kenosha WI 53140</b>		Generator's Site Address (if different than mailing address)					
Generator's Phone:							
6. Transporter 1 Company Name <b>Covanta Environmental Solutions Carriers II, LLC</b>			U.S. EPA ID Number <b>WIO000815381</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8 Designated Facility Name and Site Address <b>Covanta Environmental Solutions LLC 3801L West McKinley Avenue Milwaukee WI 53208 800-842-9792</b>			U.S. EPA ID Number <b>WIR000138572</b>				
Facility's Phone:							
GENERATOR	9. Waste Shipping Name and Description	10. Containers		11. Total	12. Unit		
		No.	Type	Quantity	WL/Vol.		
	1. <b>Non-Regulated Material</b>	<b>3</b>	<b>DM</b>	<b>1350</b>	<b>P</b>		<b>NONE</b>
	2. <b>Non-Regulated Material</b>	<b>1</b>	<b>DM</b>	<b>55</b>	<b>G</b>		<b>NONE</b>
	3.						
4.							
13. Special Handling Instructions and Additional Information							
<b>1)1000140289. Soil Cuttings</b>							
<b>2)1000140290. Groundwater (85% Overpack)</b>							
14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.							
Generator's/Officer's Printed/Typed Name <b>Scott Zeman</b>				Signature <i>[Signature]</i>		Month Day Year <b>10 10 17</b>	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:							
16. Transporter Acknowledgment of Receipt of Materials							
Transporter 1 Printed/Typed Name <b>Scott Zeman</b>				Signature <i>[Signature]</i>		Month Day Year <b>10 10 17</b>	
Transporter 2 Printed/Typed Name				Signature		Month Day Year	
17. Discrepancy:							
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection							
17b. Alternate Facility (or Generator)				Manifest Reference Number: U.S. EPA ID Number			
Facility's Phone:							
17c. Signature of Alternate Facility (or Generator)						Month Day Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name <b>Adam Kumborg</b>				Signature <i>[Signature]</i>		Month Day Year <b>10 10 17</b>	

**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**

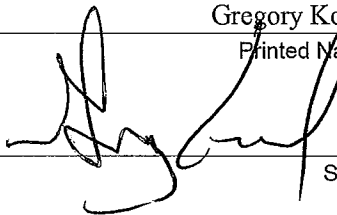
I Gregory Konicek hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03 (1), Wis. Adm. Code, and that, to the best of my knowledge, all of the information contained in this case closure request is correct and the document was prepared by me or prepared by me or prepared under 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."

Gregory Konicek

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Consultant

\_\_\_\_\_  
Title

  
\_\_\_\_\_  
Signature

7-17-17  
\_\_\_\_\_  
Date