

## Remediation Site Operation, Maintenance, Monitoring & Optimization Report

**GENERAL INSTRUCTIONS, PURPOSE AND APPLICABILITY OF THIS FORM:** Completion of this form is required under s. NR 724.13(3), Wis. Adm. Code. A narrative report or letter containing the equivalent information required in this form may be submitted in lieu of the actual form. Failure to submit this form as required is a violation of s. NR 724.13(3), Wis. Adm. Code, and is subject to the penalties in s. 292.99, Wis. Stats. This form must be submitted every six months for soil or groundwater remediation projects that report operation and maintenance progress in accordance with s. NR 724.13(3), Wis. Adm. Code.

**Note:** Long-term monitoring results submitted in accordance with s. NR 724.17(3), Wis. Adm. Code are required to be submitted within 10 business days of receiving sampling results and are not required to be submitted using this form. However, portions of this form require monitoring data summary information that may be based on information previously submitted in accordance with s. NR 724.17(3), Wis. Adm. Code.

**Note:** Responsible parties should check with the State Project Manager assigned to the site to determine if this form is required to be submitted at sites responded to under the Federal Comprehensive Environmental Response and Compensation Act (commonly known as Superfund) or an equivalent State lead Superfund response.

**Note:** Responsible parties should check with the State Project Manager assigned to the site to determine if any of the information required in this form may be omitted or changed and obtain prior written approval for any omissions or changes.

Submittal of this form is not a substitute for reporting required by Department programs such as Waste Water or Air Management. Personally identifiable information on this form is not intended to be used for any other purpose than tracking progress of the remediation by the Bureau for Remediation and Redevelopment.

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.). Unless otherwise noted, all citations refer to Wisconsin Administrative Code.

**Note:** There is a separate semi-annual report required under s. NR 700.11(1), Wis. Adm. Code. Reporting under that provision is through an internet-based form:

<http://dnr.wi.gov/topic/Brownfields/documents/regs/NR700progreport.pdf>

### Section GI - General Site Information

#### A. General Information

1. Site name

Robinson Dry Cleaners

2. Reporting period from: 07/01/2018 To: 12/31/2018 Days in period: 184

3. Regulatory agency (enter DNR, DATCP and/or other) 4. BRRTS ID No. (2 digit program-2 digit county-6 digit site specific)  
 DNR 02-54-221852

5. Site location

Region	County	Address
South Central Region	Rock	1838 W. Court Street

Municipality name <input type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village	Township	Range	Section	¼	¼ ¼
Janesville	03 N	12	35	NW	SE

6. Responsible party Name 7. Consultant

RayChris, Inc  Select if the following information has changed since the last submittal

Mailing address	Company name
5110 Connor St, Janesville, WI 53545	EnviroForensics, LLC

Phone number	Mailing address	Phone number
	N16W23390 Stone Ridge Dr, Suite G, Waukesha, WI 53188	(262) 290-4001

8. Contaminants  
 Volatile Organic Compounds

9. Soil types (USCS or USDA)  
 CL, ML, SP, dolostone, sandstone

10. Hydraulic conductivity(cm/sec): 4x10 <sup>-2</sup> (SP); 9x10 <sup>-6</sup> (dolostone); 4x10 <sup>-3</sup> (sandstone)	11. Average linear velocity of groundwater (ft/yr) 1,950 (SP); 6.7 (dolostone); 180 (sandstone)
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12. If soil is treated ex situ, is the treatment location off site?  Yes  No

If yes, give location: Region \_\_\_\_\_ County \_\_\_\_\_

Municipality name <input type="radio"/> City <input type="radio"/> Town <input type="radio"/> Village	Township	Range	Section	¼	¼ ¼
	N	OW			

Site name: Robinson Dry Cleaners  
Reporting period from: 07/01/2018 To: 12/31/2018  
Days in period: 184

**B. Remediation Method**

Only submit sections that apply to an individual site. Check all that apply:

- Groundwater extraction (submit a completed Section GW-1).
- Free product recovery (submit a completed Section GW-1).
- In situ air sparging (submit a completed Section GW-2).
- Groundwater natural attenuation (submit a completed Section GW-3).
- Other groundwater remediation method (submit a completed Section GW-4).
- Soil venting (including soil vapor extraction building venting and bioventing submit a completed Section IS-1).
- Soil natural attenuation (submit a completed Section IS-2).
- Other in situ soil remediation method (submit a completed Section IS-3).
- Biopiles (submit a completed Section ES-1).
- Landspreading/thinspreading of petroleum contaminated soil (submit a completed Section ES-2).
- Other ex situ remediation method (submit a completed Section ES-3).
- Site is a landfill (submit a completed Section LF-1).

**C. General Effectiveness Evaluation for All Active Systems**

If the remediation is active (not natural attenuation), complete this subsection.

1. Is the system operating at design rates and specifications?  Yes  No

If the answer is no, explain whether or not modifications are necessary to achieve the goal that was previously established in design.

2. Are modifications to the system warranted to improve effectiveness  Yes  No

If yes, explain:

3. Is natural attenuation an effective low cost option at this time?  Yes  No

4. Is closure sampling warranted at this time?  Yes  No

5. Are there any modifications that can be made to the remediation to improve cost effectiveness?  Yes  No

If yes, explain:

**D. Economic and Cost Data to Date**

1. Total investigation cost: \$2,372,100.00

2. Implementation costs (design, capital and installation costs, excluding investigation costs): \$763,000.00

3. Total costs during the previous reporting period: \_\_\_\_\_

4. Total costs during this reporting period: \$33,000.00

5. Total anticipated costs for the next reporting period: \$35,000.00

6. Are any unusual or one-time costs listed in the reporting periods covered by D.3., D.4. or D.5. above?  Yes  No

If yes, explain:

7. If closure is anticipated within 12 months, estimated costs for project closeout: \_\_\_\_\_

Site name: Robinson Dry Cleaners  
Reporting period from: 07/01/2018 To: 12/31/2018  
Days in period: 184

**E. Name(s), Signature(s) and Date of Person(s) Submitting Form**

Legibly print name, date and sign. Only persons qualified to submit reports under ch. NR 712 Wis. Adm. Code are to sign this form for sites with any ongoing active remediation, monitoring or an investigation. Other persons may sign this form for sites with no response activities during the six month reporting period.

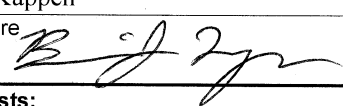
**Registered Professional Engineers:**

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 document has been prepared in accordance with the rules of Professional Conduct in ch. A-E 8, Wis. Adm. Code; and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Andrew Horwath	Director of Engineering and Remediation Services
Signature	Date
	2/20/2019

**Hydrogeologists:**

I hereby certify that I am a hydrogeologist as that term is defined in s. NR 712.03(1), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Brian Kappen	Project Manager
Signature 	Date
	2/20/2019

**Scientists:**

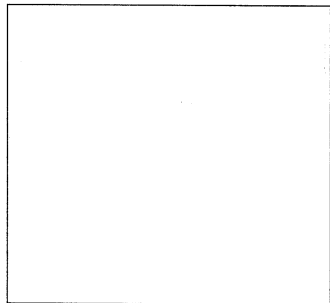
I hereby certify that I am a scientist as that term is defined in s. NR 712.03(3), Wis. Adm. Code, and that, to the best of my knowledge, all information contained in this document is correct and the document was prepared in compliance with all applicable requirements in chs. NR 700 to 726, Wis. Adm. Code.

Print name	Title
Signature	Date

**Other Persons:**

Print name	Title
Signature	Date

**Professional Seal(s), if applicable:**



Site name: Robinson Dry Cleaners  
Reporting period from: 07/01/2018 To: 12/31/2018  
Days in period: 184

## Remediation Site Operation, Maintenance, Monitoring & Optimization Report

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### Section GW-4, Other Groundwater Remediation Methods

#### A. Effectiveness Evaluation

1. If free product is not present, determine the single contaminant that requires the greatest percent reduction to achieve ch. NR 140 ES and PAL. Perform this calculation for all contaminants that were present at the site that have ch. NR 140 standards. Use the highest contaminant concentration measured in any sampling points during reporting period. If free product is present, write "FREE PRODUCT" in A.1.a.

a. Contaminant: Tetrachloroethene

b. Percent reduction necessary: 99.9 %

c. Maximum contaminant concentration level in any monitoring well: 3,600 µg/L

2. Is the size of the plume:  Increasing  Stabilized  Decreasing ?

3. Describe the method used to remediate groundwater at the site:

Injection of colloidal activated carbon solution (PlumeStop manufactured by Regenesis) via injection points. The remedial goal was to effectively create a horizontal barrier to contaminant movement from the dolomite to the underlying sandstone by injecting the PlumeStop within the upper sandstone formation across the area of greatest impact within the overlying dolomite bedrock. A 24,000 square foot treatment area was established based on analysis of the dolomite and sandstone groundwater plumes. A network of 21 PVC injection points was installed to facilitate the injection of PlumeStop in the treatment area. Each injection point had an estimated radius of influence of 20 feet. The injection points were constructed of 2-inch diameter PVC with a 10-foot, 0.020 slot screen set at 53-63 feet bgs.

4. List any additional information required by the DNR for this method for this site:

The highest concentration of PCE (3,600 µg/L) detected during the reporting period was measured in monitoring well MW-20D. However, this well is located on the perimeter of the treatment zone. The monitoring wells most relevant to measuring remedial progress are MW-27D, MW-27DS, MW-29, MW-30D, and MW-39S (concentration trend graphs attached). Each of these wells has exhibited a decrease in PCE concentration following the PlumeStop injection as shown on the attached Table 1. Monitoring well MW-39S is screened within the dolomite unit, above the target injection zone in the sandstone. The significant decrease in PCE concentration observed at MW-39S may indicate the injection also treated zones within the dolomite where much of the residual contaminant mass resides. Monitoring well construction and groundwater elevation data are summarized on Table 2.

#### B. Additional Attachments

Attach the following:

- Groundwater contour map.
- Groundwater contaminant distribution map (may be combined with contour map).
- When contaminants are aerobically biodegradable, attach a dissolved oxygen in groundwater map (dissolved oxygen may be combined with the contaminant data on a single map).
- Graph of contaminant concentrations versus time for the contaminant listed in A.1.a. (above) for the monitoring point with the greatest level of contamination.
- Groundwater contaminant chemistry table.
- Groundwater elevations table.
- Any other attachments required by the DNR for this remediation method.

# Legend

- MW-32S Monitoring well (Unconsolidated)
- MW-9D Monitoring well (Sandstone)
- 761 Groundwater elevation contour
- 773.98 Groundwater elevation (feet above mean sea level)

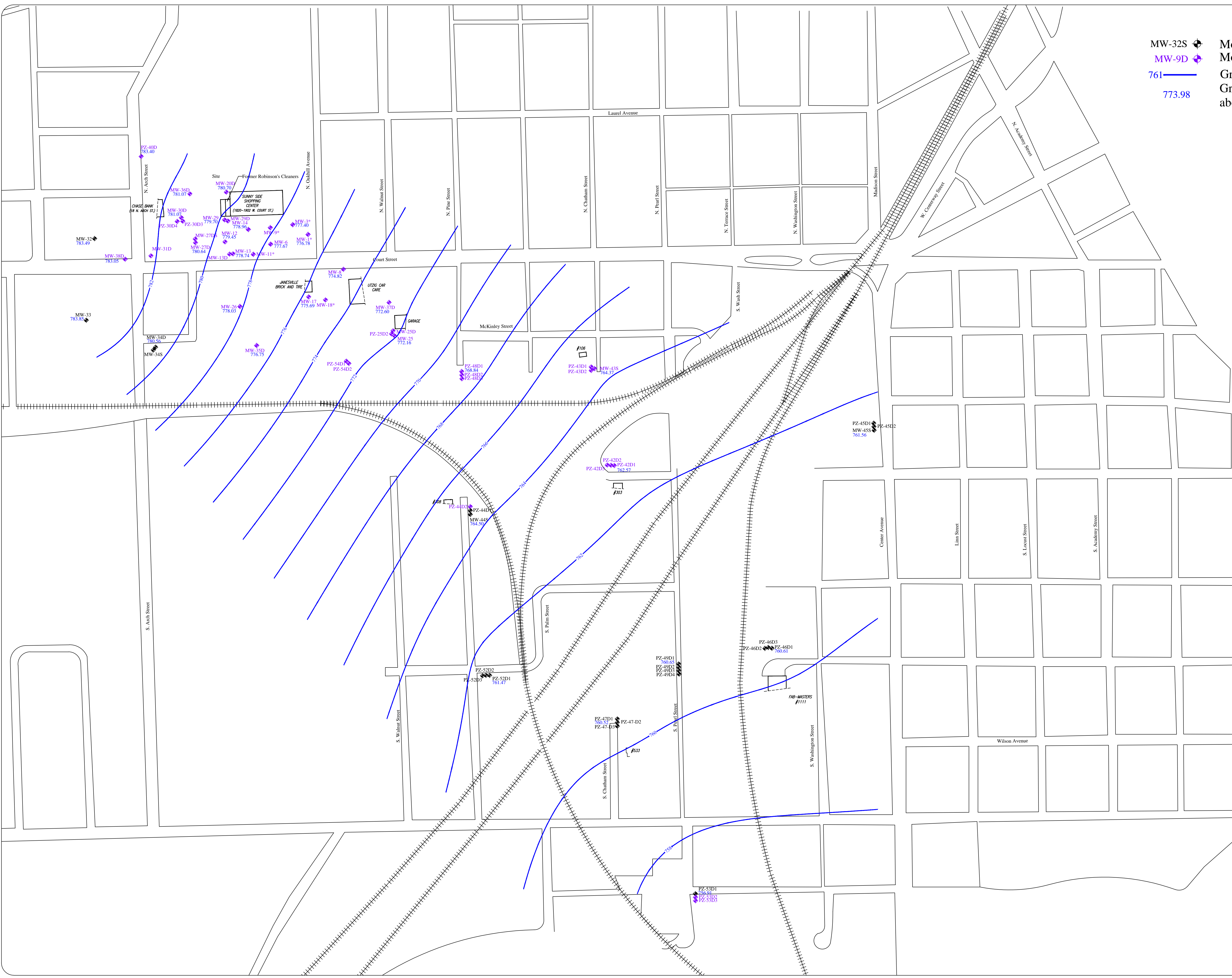
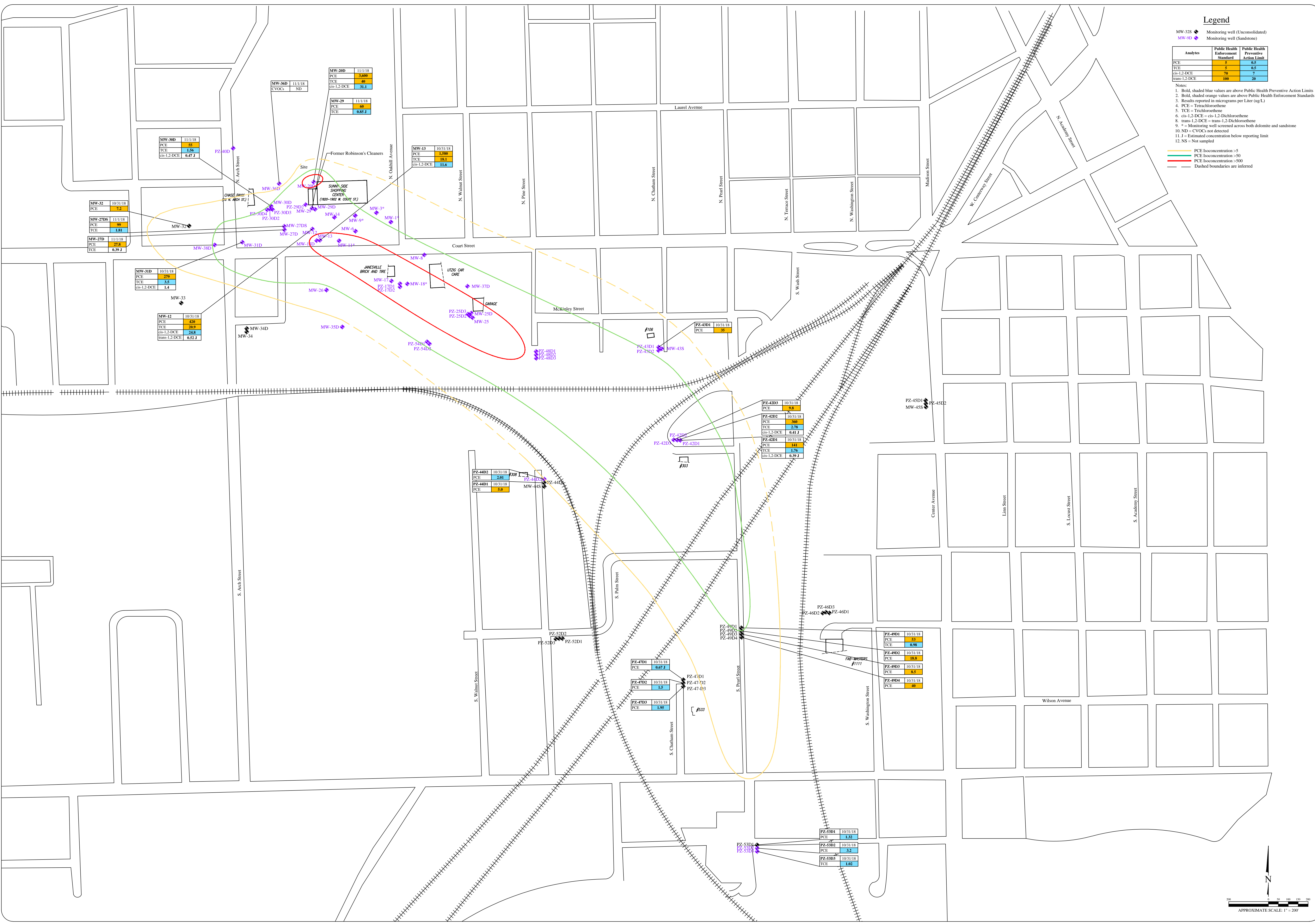


Figure	I	Project	6155
<b>POTENTIOMETRIC SURFACE CONTOUR MAP</b> <b>St. PETER SANDSTONE/UNCONSOLIDATED SEDIMENT</b> <b>JUNE 2016</b> <b>Robinsons Dry Cleaners</b> <b>1838 West Court Street</b> <b>Janesville, WI</b>			
Date:	7/21/16	Designed:	EB
Drawn:	EB	Checked:	WF
DWG file:	6155-2191		
<small>ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.          602 N. Capital Ave, Suite 210 • Indianapolis, IN 46204          EnviroForensics.com</small>			
No.		Date	
Revision		Date	
Approved		Date	



**Legend**

MW-328 Monitoring well (Unconsolidated)  
 MW-910 Monitoring well (Sandstone)

Analytes	Public Health Enforcement Standard	Public Health Preventive Action Limit
PCE	5	0.5
TCE	5	0.5
cis-1,2-DCE	70	7
trans-1,2-DCE	100	20

- Notes:
1. Bold, shaded blue values are above Public Health Preventive Action Limits
  2. Bold, shaded orange values are above Public Health Enforcement Standards
  3. Results reported in micrograms per Liter (ug/L)
  4. PCE = Tetrachloroethene
  5. TCE = Trichloroethene
  6. cis-1,2-DCE = cis-1,2-Dichloroethene
  7. trans-1,2-DCE = trans-1,2-Dichloroethene
  8. \* = Monitoring well screened across both dolomite and sandstone
  9. \* = Monitoring well screened below reporting limit
  10. ND = CVOCs not detected
  11. F = Estimated concentration below reporting limit
  12. NS = Not sampled

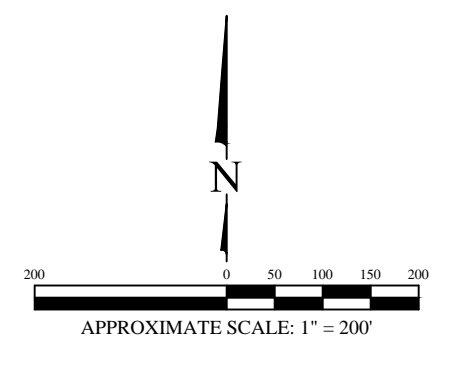
- PCE Isoconcentration >5
- PCE Isoconcentration >50
- PCE Isoconcentration >500
- - - Dashed boundaries are inferred

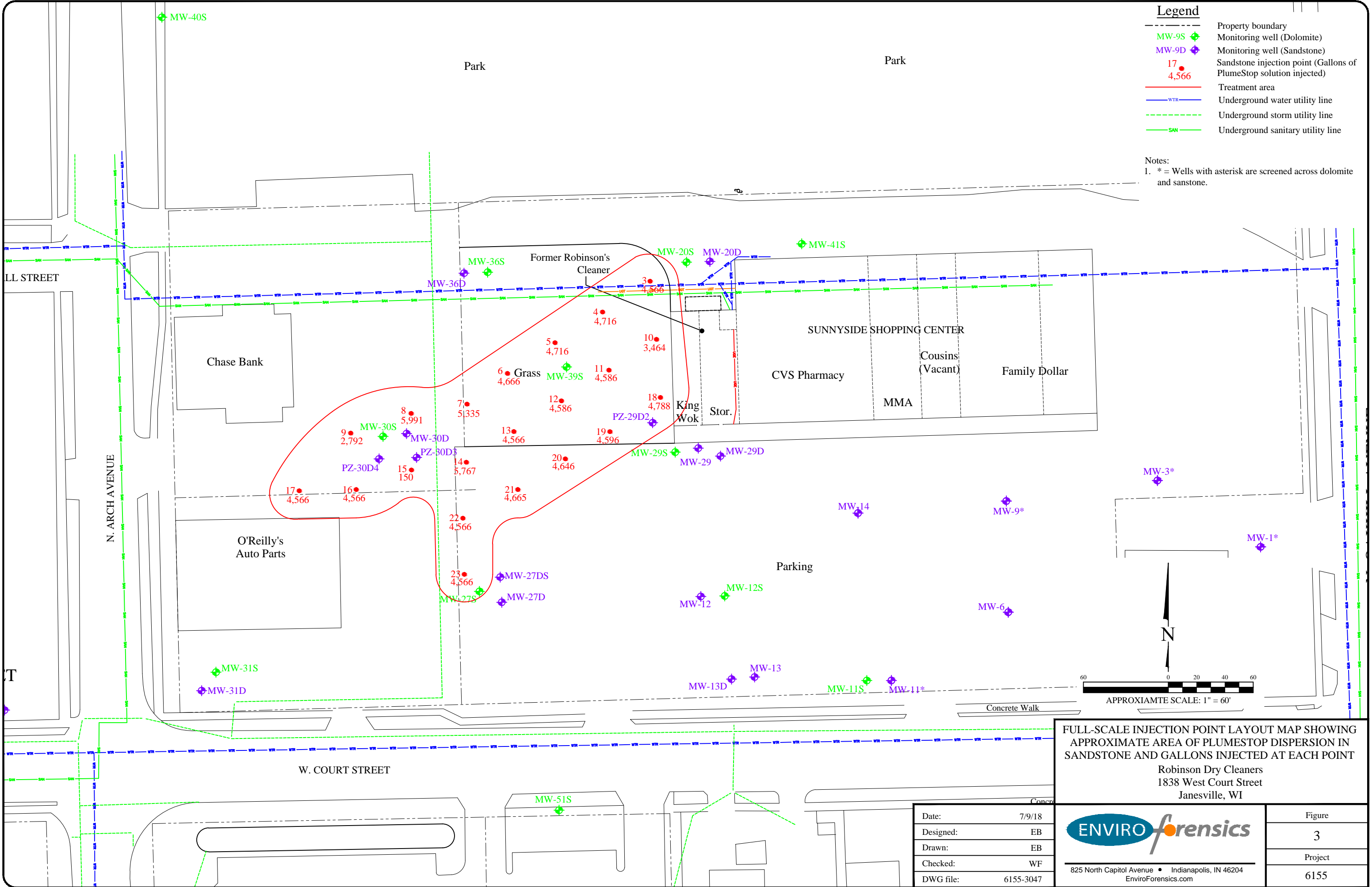
Figure 2  
 Project 6155

Date: 2/8/19  
 Designed: EB  
 Drawn: KKH  
 Checked: BK  
 DWG file: 6155-3121

**ENVIROforensics**  
 ENVIRONMENTAL FORENSIC INVESTIGATIONS, INC.  
 602 N. Capital Ave, Suite 210 • Indianapolis, IN 46204  
 EnviroForensics.com

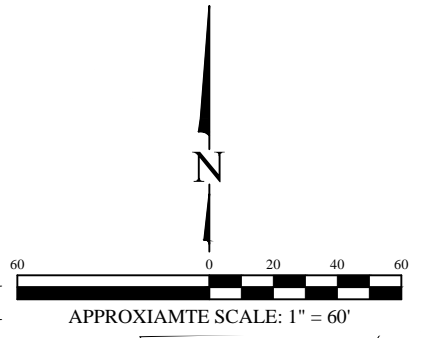
No.	Date	Revision	Approved





- Legend**
- Property boundary
  - MW-9S Monitoring well (Dolomite)
  - MW-9D Monitoring well (Sandstone)
  - 17 Sandstone injection point (Gallons of PlumeStop solution injected)
  - 4,566
  - Treatment area
  - WTR Underground water utility line
  - Underground storm utility line
  - SN Underground sanitary utility line

**Notes:**  
 1. \* = Wells with asterisk are screened across dolomite and sanstone.



**FULL-SCALE INJECTION POINT LAYOUT MAP SHOWING APPROXIMATE AREA OF PLUMESTOP DISPERSION IN SANDSTONE AND GALLONS INJECTED AT EACH POINT**  
 Robinson Dry Cleaners  
 1838 West Court Street  
 Janesville, WI

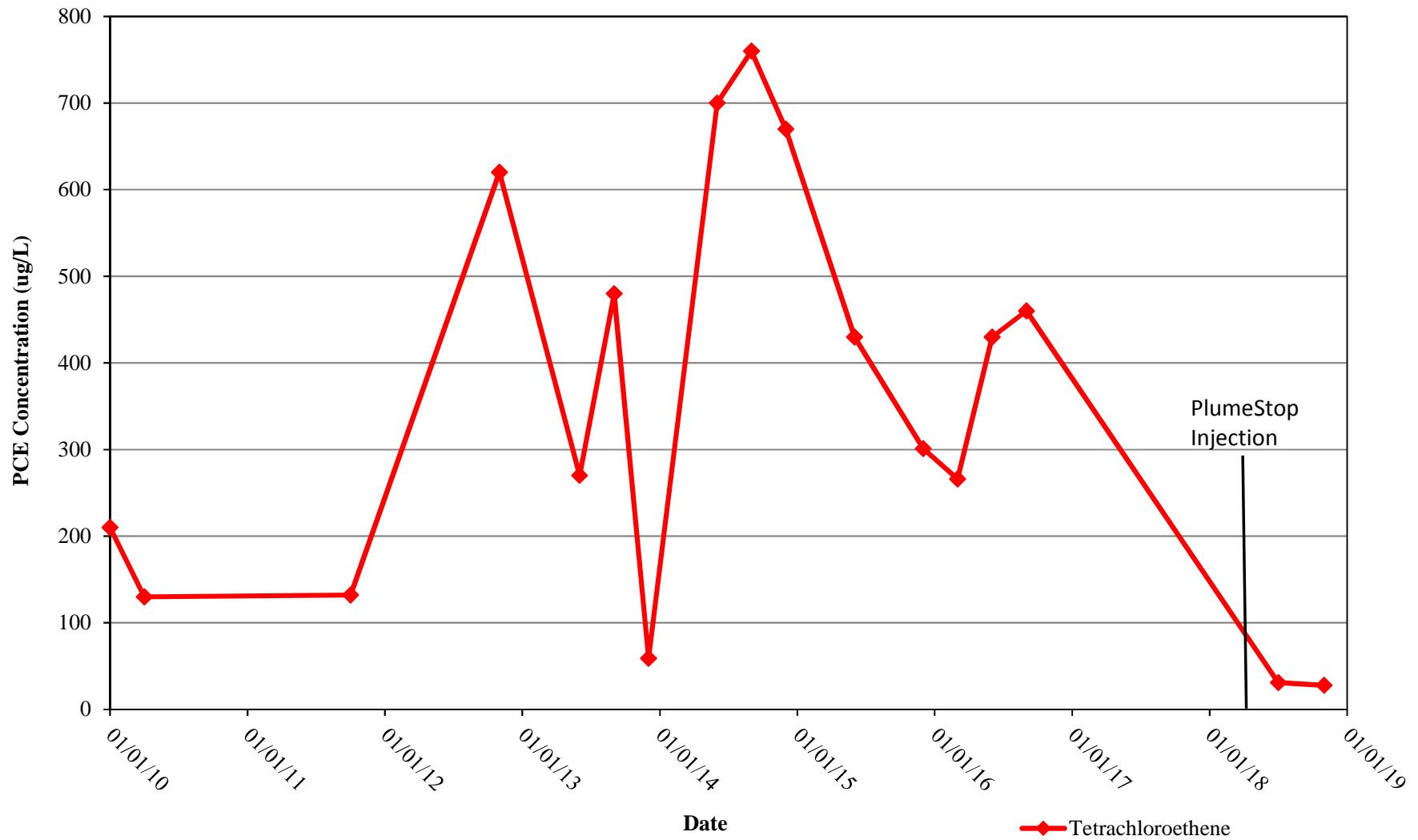
Date:	7/9/18
Designed:	EB
Drawn:	EB
Checked:	WF
DWG file:	6155-3047



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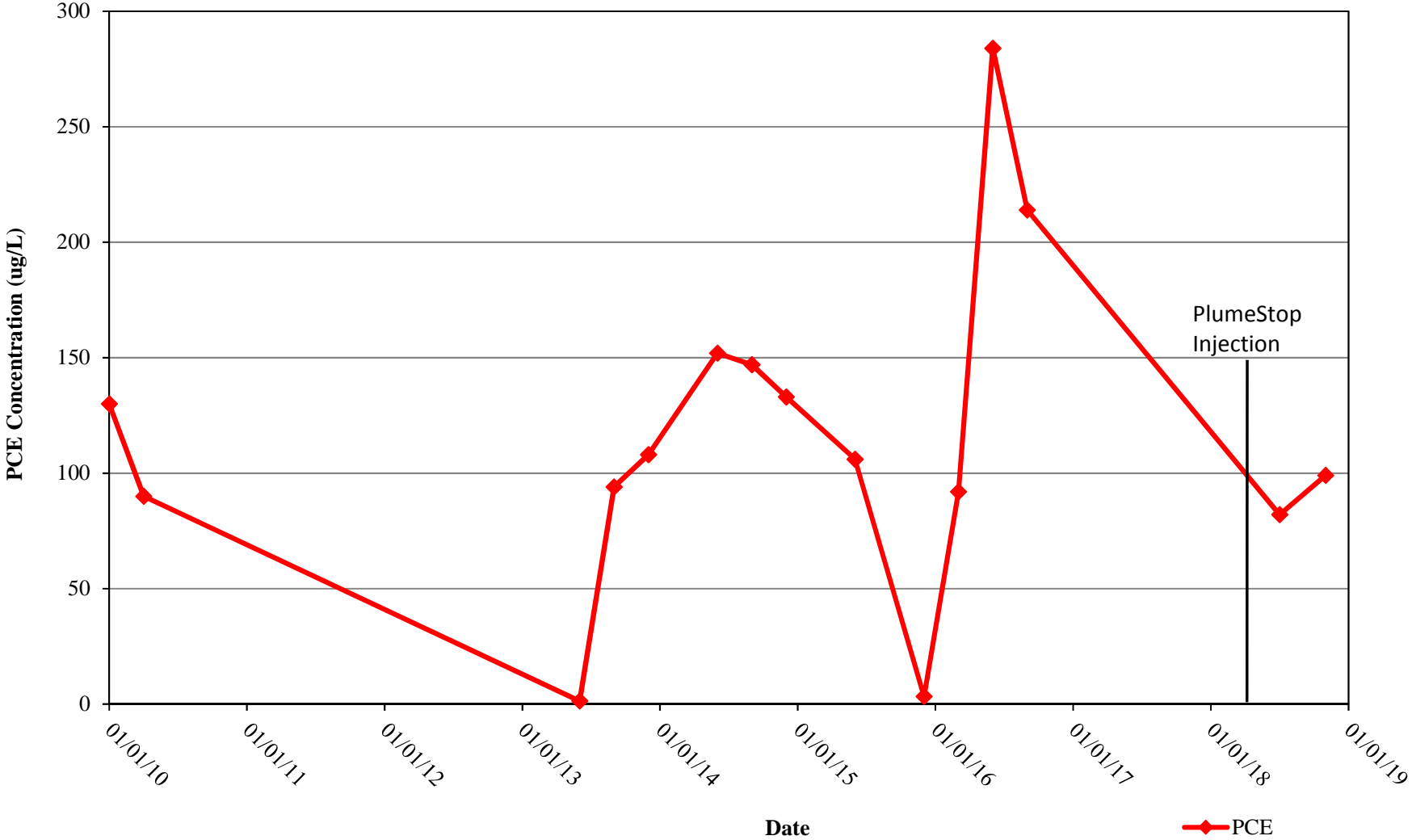
Figure	3
Project	6155

# MW-27D Tetrachloroethene Concentration Trend

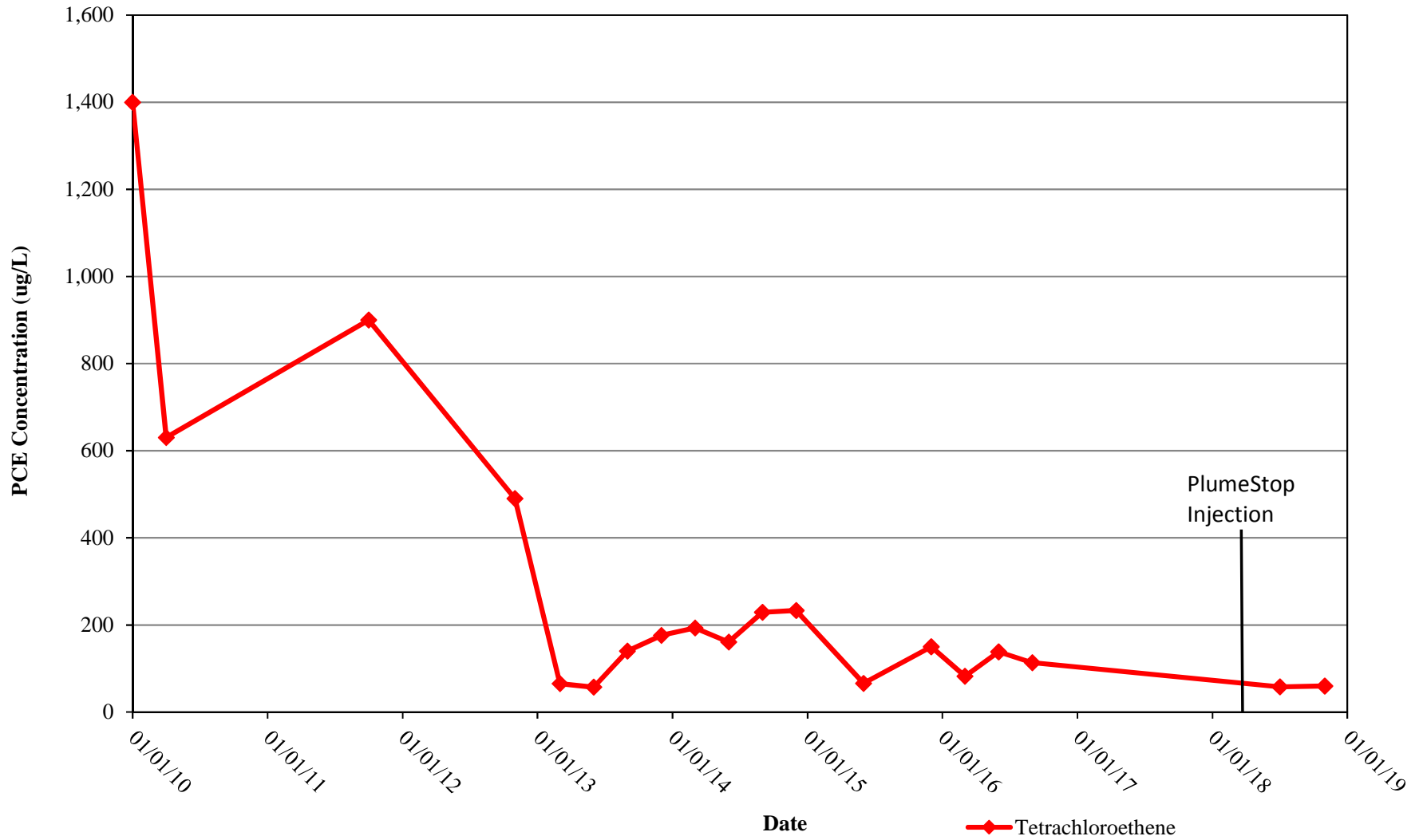




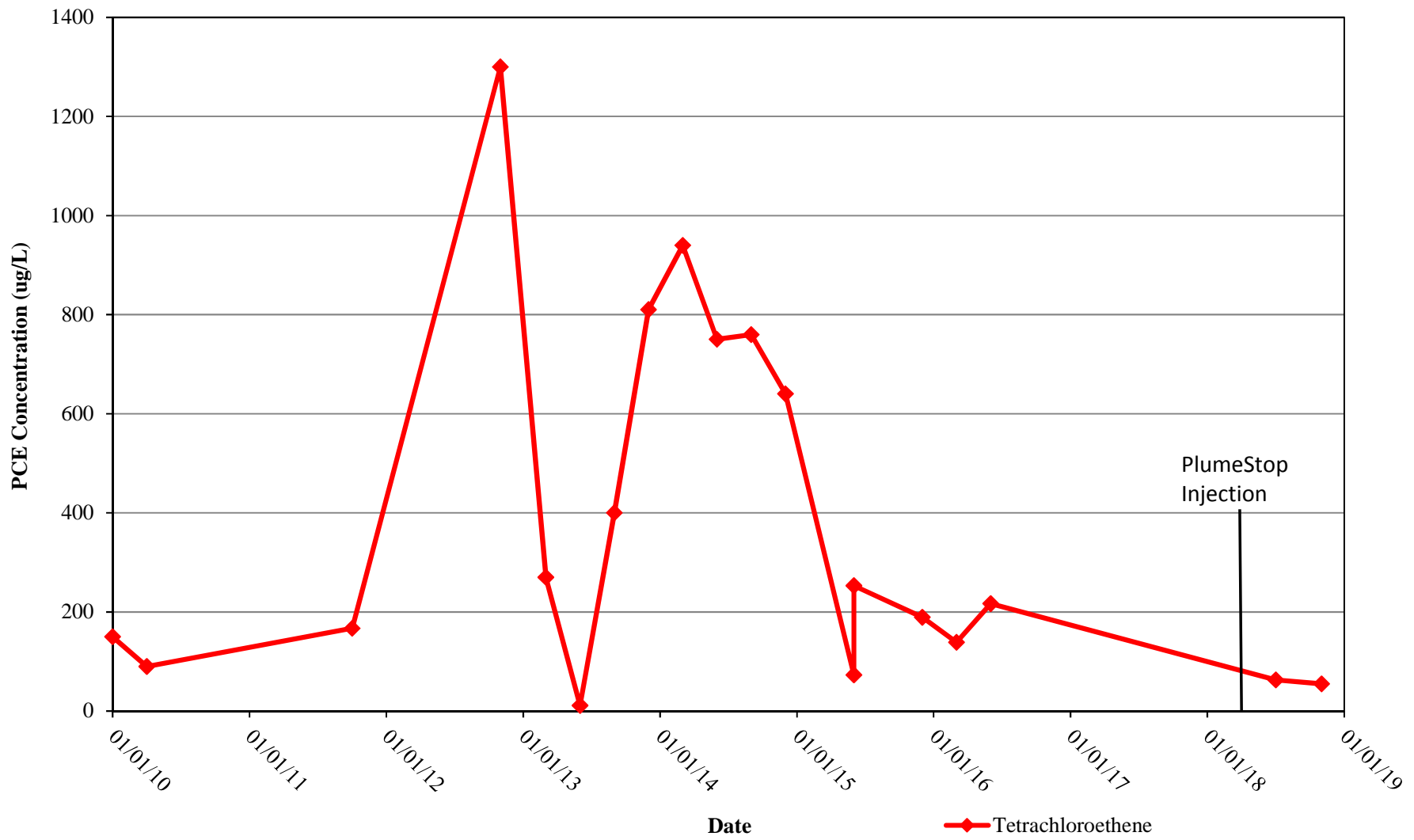
# MW-27DS Tetrachloroethene Concentration Trend



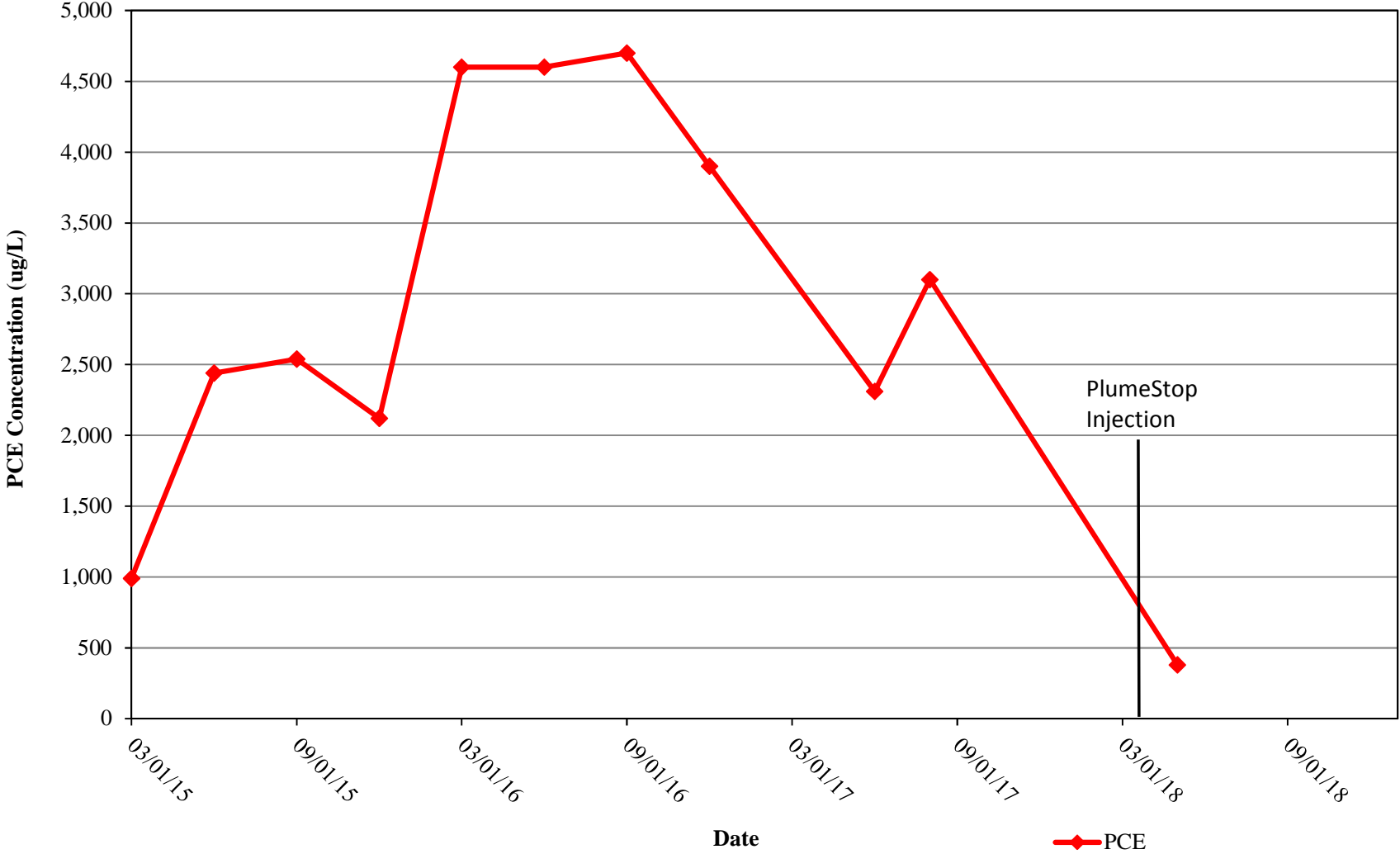
# MW-29 Tetrachloroethene Concentration Trend



# MW-30D Tetrachloroethene Concentration Trend



# MW-39S Tetrachloroethene Concentration Trend



**TABLE 1**  
**SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS**

Former Robinson's Cleaners  
1838 W. Court Street  
Janesville, Wisconsin

Monitoring Well ID	Sample ID	Sample Date	Sample Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
<b>Enforcement Standard</b>				<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>
<b>Preventive Action Limit</b>				<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>
MW-12	6155-MW-12	3/17/2016	Low Flow	440	27.2	29.6	0.63 J	<0.17
		6/14/2016	PDB	820	15.4	17.7	<5.4	<1.7
		10/31/2018	PDB	420	20.9	24.8	0.52 J	<0.2
MW-13	6155-MW-13	3/16/2016	Low Flow	490	8.4 J	<4.5	<5.4	<1.7
		6/14/2016	PDB	720	8.4 J	<4.5	<5.4	<1.7
		9/13/2016	PDB	650	7.4 J	<4.5	<5.4	<1.7
		10/31/2018	PDB	1,580	18.1	11.6	<0.34	<0.2
MW-20D	6155-MW-20D	6/13/2016	PDB	1,280	21	42	1.38 J	0.47 J
	6155-Dup-1	6/13/2016	PDB	1,280	14.6 J	35	<5.4	<1.7
	6155-MW-20D	7/27/2018	Low Flow	980	19.1	20.8	<0.34	<0.2
		11/1/2018	Low Flow	3,600	40	31.1	<3.4	<2
MW-27D	6155-MW-27D	3/17/2016	Low Flow	266	<4.7	<4.5	<5.4	<1.7
		6/14/2016	PDB	430	<4.7	<4.5	<5.4	<1.7
		9/13/2016	PDB	460	5.7 J	<4.5	<5.4	<1.7
		7/27/2018	Low Flow	31.1	<3	<3.7	<3.4	<2
	6155-Dup 1	7/27/2018	Low Flow	37	<3	<3.7	<3.4	<2
	6155-MW-27D	11/1/2018	Low Flow	27.8	0.39 J	<0.37	<0.34	<0.2
MW-27DS	6155-MW-27DS	3/17/2016	Low Flow	92	1.79	<0.45	<0.54	<0.17
		6/14/2016	PDB	284	3.06	<0.45	<0.54	<0.17
		9/13/2016	PDB	214	3.4	<0.45	<0.54	<0.17
	6155-Dup-1	9/13/2016	PDB	170	<23.5	<22.5	<27	<8.5
	6155-MW-27DS	7/27/2018	Low Flow	82	2.04	<0.37	<0.35	<0.2
		11/1/2018	PDB	99	1.81	<0.37	<0.34	<0.2
6155-Dup-3	11/1/2018	PDB	74	<3	<3.7	<3.4	<2	
MW-29	6155-MW-29	3/18/2016	Low Flow	82	1.11 J	0.52 J	<0.54	<0.17
		6/14/2016	PDB	138	5.7	5.0	<0.54	<0.17
		9/13/2016	PDB	113	5.4 J	3.2 J	<2.7	<0.85
	6155-Dup-2	9/13/2016	PDB	103	<23.5	<22.5	<27	<8.5
		7/27/2018	Low Flow	58	0.89 J	0.68 J	<0.34	<0.2
	6155-MW-29	11/1/2018	Low Flow	60	0.85 J	<0.37	<0.34	<0.2
MW-30D	6155-MW-30D	3/15/2016	Low Flow	139	1.53	0.62 J	<0.54	<0.17
		6/14/2016	PDB	217	1.91	0.71 J	<0.54	<0.17
		7/27/2018	Low Flow	63	1.76	<0.37	<0.34	<0.2
		11/1/2018	Low Flow	55	1.56	0.47 J	<0.34	<0.2
MW-31D	6155-MW-31D	6/15/2016	PDB	215	<2.35	<2.25	<2.7	<0.85
		10/31/2018	PDB	279	3.5	1.4	<0.34	<0.2
	6155-Dup-1	10/31/2018	PDB	298	<3	<3.7	<3.4	<2
MW-32	6155-MW-32	3/16/2016	Low Flow	6.9	<0.47	<0.45	<0.54	<0.17
		6/15/2016	PDB	8.9	<0.47	<0.45	<0.54	<0.17
	6155-Dup-3	6/15/2016	PDB	8.3	<0.47	<0.45	<0.54	<0.17
		9/16/2016	PDB	23.6	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	9.6	<0.47	<0.45	<0.54	<0.17
	6155-MW-32	6/8/2017	PDB	10.8	<0.45	<0.41	<0.35	<0.19
		6/8/2017	PDB	9.1	<0.45	<0.41	<0.35	<0.19
	6155-MW-32	8/29/2017	PDB	5.2	<0.45	<0.41	<0.35	<0.19
		5/1/2018	PDB	11.4	0.36 J	<0.37	<0.34	<0.2
10/31/2018		PDB	7.2	<0.3	<0.37	<0.34	<0.2	
MW-35D	6155-MW-35D	6/16/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		5/1/2018	PDB	20.2	0.43 J	<0.37	<0.34	<0.2
MW-36D	6155-MW-36D	6/17/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		11/1/2018	Low Flow	<0.38	<0.3	<0.37	<0.34	<0.2

**TABLE 1**  
**SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS**

Former Robinson's Cleaners  
1838 W. Court Street  
Janesville, Wisconsin

Monitoring Well ID	Sample ID	Sample Date	Sample Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
<b>Enforcement Standard</b>				<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>
<b>Preventive Action Limit</b>				<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>
MW-39S	6155-MW-39S	3/18/2016	Low Flow	4,600	244	102	<27	<8.5
		6/14/2016	PDB	4,600	268	96	<27	<8.5
	6155-Dup-2	6/14/2016	PDB	4,300	251	93	<5.4	2.4 J
	6155-MW-39S	9/15/2016	PDB	4,700	226	84	<27	<8.5
		12/21/2016	PDB	3,900	182	50 J	<27	<8.5
	6155-Dup-1	12/21/2016	PDB	4,000	190	69	<5.4	<1.7
	6155-MW-39S	6/8/2017	PDB	2,310	60 J	<20.5	<17.5	<9.5
		8/29/2017	PDB	3,100	144	44	<7	<3.8
6155-Dup-1	5/1/2018	PDB	380	102	84	<6.8	<4	
	5/1/2018	PDB	348	129	120	1.56	1.38	
PZ-42D1	6155-PZ-42D1	12/21/2016	PDB	68	0.59 J	<0.45	<0.54	<0.17
		6/8/2017	PDB	76	0.82 J	<0.41	<0.35	<0.19
		8/29/2017	PDB	86	0.83 J	<0.41	<0.35	<0.19
	6155-Dup-1	5/2/2018	PDB	157	1.74	<0.37	<0.34	<0.2
	6155-PZ-42D1	5/2/2018	PDB	162	2.09	0.59 J	<0.34	<0.2
10/31/2018	PDB	141	1.76	0.39 J	<0.34	<0.2		
PZ-42D2	6155-PZ-42D2	3/17/2016	PDB	82	1.56	0.63 J	<0.54	<0.17
		6/15/2016	PDB	255	2.33	0.85 J	<0.54	<0.17
		12/21/2016	PDB	260	<2.35	<2.25	<2.7	<0.85
	6155-Dup-3	12/21/2016	PDB	243	<4.7	<4.5	<5.4	<1.7
	6155-PZ-42D2	6/8/2017	PDB	274	2.19	0.49 J	<0.35	<0.19
		8/29/2017	PDB	312	<4.5	<4.1	<4.2	<1.9
5/2/2018	PDB	350	2.6 J	<1.85	<1.7	<1		
10/31/2018	PDB	360	2.78	0.41 J	<0.34	<0.2		
PZ-42D3	6155-PZ-42D3	3/17/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/15/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	1.73	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	8.3	<0.45	<0.42	<0.35	<0.19
		8/29/2017	PDB	10.1	<0.45	<0.42	<0.35	<0.19
		5/2/2018	PDB	1.66	<0.3	<0.37	<0.34	<0.2
10/31/2018	PDB	9.8	<0.3	<0.37	<0.34	<0.2		
PZ-43D1	6155-PZ-43D1	6/16/2016	PDB	11.2	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	19.9	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	28	<0.45	<0.41	<0.35	<0.19
		5/1/2018	PDB	32	<0.3	<0.37	<0.34	<0.2
		10/31/2018	PDB	35	<0.3	<0.37	<0.34	<0.2
MW-44S	6155-MW-44S	6/16/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<0.38	<0.3	<0.37	<0.34	<0.2
PZ-44D1	6155-PZ-44D1	6/16/2016	PDB	5.8	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	7.8	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	7.8	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	8.8	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	6.5	<0.3	<0.37	<0.34	<0.2
		10/31/2018	PDB	5.0	<0.3	<0.37	<0.34	<0.2
PZ-44D2	6155-PZ-44D2	6/16/2016	PDB	4.6	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	3.3	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	2.96	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	1.95	<0.45	<0.41	<0.35	<0.19
		5/1/2018	PDB	1.65	<0.3	<0.37	<0.34	<0.2
		10/31/2018	PDB	2.01	<0.3	<0.37	<0.34	<0.2
PZ-46D1	6155-PZ-46D1	6/15/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<0.38	<0.3	<0.37	<0.34	<0.2

**TABLE 1**  
**SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS**

Former Robinson's Cleaners  
1838 W. Court Street  
Janesville, Wisconsin

Monitoring Well ID	Sample ID	Sample Date	Sample Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
<b>Enforcement Standard</b>				<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>
<b>Preventive Action Limit</b>				<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>
PZ-46D2	6155-PZ-46D2	6/15/2016	PDB	<0.49	<b>0.62 J</b>	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<b>0.58 J</b>	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<0.38	<b>0.49 J</b>	<0.37	<0.34	<0.2
PZ-46D3	6155-PZ-46D3	6/15/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/7/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<0.38	<0.3	<0.37	<0.34	<0.2
PZ-47D1	6155-PZ-47D1	6/15/2016	PDB	<b>0.69 J</b>	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<b>1.01 J</b>	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<b>0.55 J</b>	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<b>0.52 J</b>	<0.3	<0.37	<0.34	<0.2
		10/31/2018	PDB	<b>0.67 J</b>	<0.3	<0.37	<0.34	<0.2
PZ-47D2	6155-PZ-47D2	6/15/2016	PDB	<b>7.9</b>	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<b>10.8</b>	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<b>4.5</b>	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<b>1.36 J</b>	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<b>2.0</b>	<0.3	<0.37	<0.34	<0.2
		10/31/2018	PDB	<b>1.5</b>	<0.3	<0.37	<0.34	<0.2
PZ-47D3	6155-PZ-47D3	6/15/2016	PDB	<b>7.7</b>	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<b>9.7</b>	<0.47	<0.45	<0.54	<0.17
	6155-Dup-3	6/8/2017	PDB	<b>3.4</b>	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<b>5.3</b>	<0.45	<0.41	<0.35	<0.19
	6155-PZ-47D3	5/2/2018	PDB	<b>2.44</b>	<0.3	<0.37	<0.34	<0.2
		10/31/2018	PDB	<b>1.95</b>	<0.3	<0.37	<0.34	<0.2
PZ-49D1	6155-PZ-49D1	3/18/2016	Low Flow	<b>28.4</b>	<b>0.59 J</b>	<0.45	<0.54	<0.17
		6/15/2016	PDB	<b>40</b>	<b>0.69 J</b>	<0.45	<0.54	<0.17
	6155-Dup-5	6/15/2016	PDB	<b>39</b>	<b>0.72 J</b>	<0.45	<0.54	<0.17
		9/13/2016	PDB	<b>56</b>	<b>1.1 J</b>	<0.45	<0.54	<0.17
	6155-PZ-49D1	12/21/2016	PDB	<b>53</b>	<b>0.99 J</b>	<0.45	<0.54	<0.17
		6/8/2017	PDB	<b>83</b>	<b>1.34 J</b>	<0.41	<0.35	<0.19
		8/29/2017	PDB	<b>28.1</b>	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<b>73</b>	<b>1.33</b>	<0.37	<0.34	<0.2
10/31/2018	PDB	<b>53</b>	<b>0.98</b>	<0.37	<0.34	<0.2		
PZ-49D2	6155-PZ-49D2	3/18/2016	Low Flow	<b>1.06 J</b>	<0.47	<0.45	<0.54	<0.17
		6/15/2016	PDB	<b>6.4</b>	<0.47	<0.45	<0.54	<0.17
		9/13/2016	PDB	<b>6.8</b>	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<b>13.7</b>	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<b>14.4</b>	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<b>13</b>	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<b>19.1</b>	<0.3	<0.37	<0.34	<0.2
		10/31/2018	PDB	<b>18.8</b>	<0.3	<0.37	<0.34	<0.2
PZ-49D3	6155-PZ-49D3	3/18/2016	Low Flow	<b>7.2</b>	<0.47	<0.45	<0.54	<0.17
		6/15/2016	PDB	<b>10.1</b>	<0.47	<0.45	<0.54	<0.17
		9/13/2016	PDB	<b>12.4</b>	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<b>11.7</b>	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<b>13.6</b>	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<b>48</b>	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<b>9.4</b>	<0.3	<0.37	<0.34	<0.2
		10/31/2018	PDB	<b>8.5</b>	<0.3	<0.37	<0.34	<0.2
PZ-49D4	6155-PZ-49D4	3/18/2016	Low Flow	<b>4.2</b>	<0.47	<0.45	<0.54	<0.17
		6/15/2016	PDB	<b>3.6</b>	<0.47	<0.45	<0.54	<0.17
		9/13/2016	PDB	<b>7.1</b>	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<b>7.9</b>	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<b>14.2</b>	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<b>17.3</b>	<0.45	<0.41	<0.35	<0.19
	5/2/2018	PDB	<b>38</b>	<0.3	<0.37	<0.34	<0.2	
	6155-DUP-3	8/29/2017	PDB	<b>15.3</b>	<0.45	<0.41	<0.35	<0.19
6155-PZ-49D4	10/31/2018	PDB	<b>40</b>	<0.3	<0.37	<0.34	<0.2	

**TABLE 1**  
**SUMMARY OF GROUNDWATER SAMPLE ANALYTICAL RESULTS**

Former Robinson's Cleaners  
1838 W. Court Street  
Janesville, Wisconsin

Monitoring Well ID	Sample ID	Sample Date	Sample Method	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride
<b>Enforcement Standard</b>				<b>5</b>	<b>5</b>	<b>70</b>	<b>100</b>	<b>0.2</b>
<b>Preventive Action Limit</b>				<b>0.5</b>	<b>0.5</b>	<b>7</b>	<b>20</b>	<b>0.02</b>
MW-51S	6155-MW-51S	3/17/2016	Low Flow	<0.49	<0.47	<0.45	<0.54	<0.17
		6/17/2016	PDB	<b>1.66</b>	<0.47	<0.45	<0.54	<0.17
		9/13/2016	PDB	<b>1.81</b>	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<b>1.52</b>	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<b>2.19</b>	<0.45	<0.41	<0.35	<0.19
		8/27/2017	PDB	<b>0.71 J</b>	<0.45	<0.41	<0.35	<0.19
		5/1/2018	PDB	<b>2.85</b>	<0.3	<0.37	<0.34	<0.2
	6155-DUP-2	5/1/2018	PDB	<b>3.2</b>	<0.3	<0.37	<0.34	<0.2
PZ-52D1	6155-PZ-52D1	3/15/2016	Low Flow	<0.49	<0.47	<0.45	<0.54	<0.17
		6/16/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		9/14/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<0.38	<0.3	<0.37	<0.34	<0.2
	6155-DUP-2	8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
PZ-52D2	6155-PZ-52D2	3/15/2016	Low Flow	<0.49	<0.47	<0.45	<0.54	<0.17
		6/16/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		9/14/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
	6155-Dup-4	9/14/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
	6155-PZ-52D2	5/2/2018	PDB	<0.38	<0.3	<0.37	<0.34	<0.2
PZ-52D3	6155-PZ-52D3	3/15/2016	Low Flow	<0.49	<0.47	<0.45	<0.54	<0.17
		6/16/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		9/14/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<0.38	<0.3	<0.37	<0.34	<0.2
PZ-53D1	6155-PZ-53D1	3/16/2016	Low Flow	<0.49	<0.47	<0.45	<0.54	<0.17
		6/15/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		9/14/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<0.49	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<0.45	<0.41	<0.35	<0.19
		5/1/2018	PDB	<b>4.1</b>	<0.3	<0.37	<0.34	<0.2
	10/31/2018	PDB	<b>1.32</b>	<0.3	<0.37	<0.34	<0.2	
	6155-Dup-2	10/31/2018	Low Flow	<b>1.4</b>	<0.3	<0.37	<0.34	<0.2
PZ-53D2	6155-PZ-53D2	3/16/2016	Low Flow	<b>3.06</b>	<0.47	<0.45	<0.54	<0.17
		6/15/2016	PDB	<b>3.3</b>	<0.47	<0.45	<0.54	<0.17
	6155-Dup-4	6/15/2016	PDB	<b>4.0</b>	<0.47	<0.45	<0.54	<0.17
		9/14/2016	PDB	<b>4.0</b>	<0.47	<0.45	<0.54	<0.17
		12/21/2016	PDB	<b>4.2</b>	<0.47	<0.45	<0.54	<0.17
		6/8/2017	PDB	<b>4.2</b>	<0.45	<0.41	<0.35	<0.19
	6155-DUP-1	8/29/2017	PDB	<b>3.5</b>	<0.45	<0.41	<0.35	<0.19
		8/29/2017	PDB	<b>3.5</b>	<0.45	<0.41	<0.35	<0.19
		5/2/2018	PDB	<b>4.1</b>	<0.3	<0.37	<0.34	<0.2
		10.31/18	PDB	<b>3.2</b>	<b>0.31 J</b>	<0.37	<0.34	<0.2
PZ-53D3	6155-PZ-53D3	3/16/2016	Low Flow	<0.49	<0.47	<0.45	<0.54	<0.17
		6/15/2016	PDB	<0.49	<b>1.2 J</b>	<0.45	<0.54	<0.17
		9/14/2016	PDB	<0.49	<b>1.13 J</b>	<0.45	<0.54	<0.17
		12/21/2016	PDB	<0.49	<b>1.26 J</b>	<0.45	<0.54	<0.17
		6/8/2017	PDB	<0.48	<b>1.02 J</b>	<0.41	<0.35	<0.19
		8/29/2017	PDB	<0.48	<b>1.08 J</b>	<0.41	<0.35	<0.19
		5/1/2018	PDB	<0.48	<b>1.03</b>	<0.37	<0.34	<0.2
		10/31/2018	PDB	<0.38	<b>1.02</b>	<0.37	<0.34	<0.2

**Notes:**

All concentrations reported in units of µg/L = micrograms per liter

Samples analyzed using EPA SW-846 Method 8260

VOCs = Volatile Organic Compounds

**Bolded** values are above detection limits

**Bolded and Shaded Orange** values are above the Public Health Enforcement Standard

**Bolded and Shaded Blue** values are above Public Health Preventive Action Limit

J = Analyte concentration detected between the laboratory Reporting Limit and the laboratory Method Detection Limit

PDB = Passive Diffusion Bag used as Sampling Method

Low Flow = Standard Low Flow Sampling Method using Bladder Pump



**TABLE 2**  
**MONITORING WELL CONSTRUCTION AND GROUNDWATER ELEVATION DATA**

Former Robinson's Cleaners  
1838 W. Court Street  
Janesville, Wisconsin

Well ID	Date Constructed	Well Screen		Screen Length (ft)	Screen Location	Well Depth (ft)	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	14-Mar-2016		13-Jun-2016		12-Sep-2016		20-Dec-2016	
		Depth to Top (ft)	Depth to Bottom (ft)						Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-1	5/1/1996	55	65	10	Sandstone (inferred)	65	832.30	831.35	NM		54.57	776.78	54.24	777.11	53.60	777.75
MW-2	ABANDONED PRIOR TO 2006															
MW-3	5/3/1996	53	63	10	Sandstone (inferred)	63	832.10	831.55	NM		54.15	777.40	53.74	777.81	53.15	778.40
MW-4S	ABANDONED 6/19/2006															
MW-4	ABANDONED 6/19/2006															
MW-4D	ABANDONED 6/19/2006															
MW-5S	ABANDONED 6/19/2006															
MW-5	ABANDONED 6/19/2006															
MW-6	7/7/1997	50	60	10	Sandstone	60	830.90	830.61		830.61	52.94	777.67	52.54	778.07		NM
MW-6S	ABANDONED 6/19/2006															
MW-7	ABANDONED 6/19/2006															
MW-8	7/8/1997	53	63	10	Sandstone	63	831.18	830.84	NM		56.02	774.82	55.98	774.86	55.28	775.56
MW-9	7/9/1997	50	60	10	Dolomite/ Sandstone	60	830.60	831.11	NM		52.63	778.48	52.04	779.07	51.43	779.68
MW-9S	5/29/1998	20	40	20	Dolomite	40	831.70	830.92	NM		25.57	805.35	27.05	803.87	26.93	803.99
MW-10	ABANDONED 6/19/2006															
MW-11	1/7/1998	47	57	10	Dolomite/ Sandstone	57	830.00	829.57	NM		50.59	778.98	50.19	779.38		NM
MW-11S	5/26/1998	25	45	20	Dolomite	45	830.00	829.49	NM		24.45	805.04	23.83	805.66		NM
MW-12S	5/27/1998	20	40	20	Dolomite	40	829.70	829.33	24.95	804.38	25.02	804.31	23.87	805.46	25.61	803.72
MW-12	1/9/1998	46	56	10	Sandstone	56	829.60	829.14	50.26	778.88	49.69	779.45	49.08	780.06	48.43	780.71
MW-13	1/12/1998	48	58	10	Sandstone	58	829.26	828.77	50.80	777.97	50.03	778.74	49.52	779.25	48.85	779.92
MW-13D	8/14/2003	60	70	10	Sandstone	70	829.23	828.81	50.80	778.01	50.02	778.79	49.50	779.31	48.86	779.95
MW-14	1/15/1998	48	58	10	Sandstone	58	830.70	830.38	52.20	778.18	51.42	778.96	51.04	779.34	52.32	778.06
MW-15S	ABANDONED 6/13/2006															
MW-16S	ABANDONED 6/19/2006															
MW-17S	6/2/1998	20	35	15	Dolomite	35	830.78	830.52	25.92	804.60	25.98	804.54	25.02	805.50	26.07	804.45
MW-17	6/2/1998	57	62	5	Sandstone	62	831.03	830.83	55.84	774.99	55.14	775.69	54.82	776.01	54.14	776.69
PZ-17D1	9/29/2015	70	75	5	Sandstone	75	830.19	829.89	55.67	774.22	54.91	774.98	54.39	775.50	53.89	776.00
PZ-17D2	9/28/2015	120	125	5	Sandstone	125	830.11	829.80	55.78	774.02	54.94	774.86	54.44	775.36	53.93	775.87
MW-18	9/13/1998	46.5	56.5	10	Dolomite/ Sandstone	56.5	830.30	829.97	52.83	777.14	53.77	776.20	53.10	776.87	53.66	776.31
MW-19	ABANDONED 6/19/2006															
MW-20S	8/14/2002	20	35	15	Dolomite	35	830.01	829.66	NM		16.98	812.68	15.2	814.46	18.44	811.22
MW-20A	ABANDONED 9/13/2006															
MW-20D	8/14/2002	46	61	15	Sandstone	61	830.48	830.04	NM		49.34	780.70	49.03	781.01	48.20	781.84
MW-21	ABANDONED 6/19/2006															
MW-22	ABANDONED 6/19/2006															
MW-23	ABANDONED 6/19/2006															
MW-24	ABANDONED 6/19/2006															
MW-25	Unknown	48	58	10	Sandstone (inferred)	58	826.61	825.96	54.34	771.62	53.8	772.16	53.38	772.58	52.98	772.98
MW-25D	8/14/2003	68	78	10	Sandstone	78	826.63	826.27	54.58	771.69	54.05	772.22	53.62	772.65	53.23	773.04
PZ-25D3	10/29/2015	110	115	5	Sandstone	115	825.93	825.56	54.41	771.15	54.06	771.50	53.42	772.14	53.07	772.49
PZ-25D2	1/12/2015	147.5	152.5	5	Sandstone	152.5	825.92	825.70	54.63	771.07	53.90	771.80	53.61	772.09	53.25	772.45
MW-26	8/14/2003	52	62	10	Sandstone	62	829.62	829.07	NM		51.04	778.03	50.38	778.69		NM
MW-26S	ABANDONED 9/23/15															

**TABLE 2**  
**MONITORING WELL CONSTRUCTION AND GROUNDWATER ELEVATION DATA**

Former Robinson's Cleaners  
 1838 W. Court Street  
 Janesville, Wisconsin

Well ID	Date Constructed	Well Screen		Screen Length (ft)	Screen Location	Well Depth (ft)	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	14-Mar-2016		13-Jun-2016		12-Sep-2016		20-Dec-2016	
		Depth to Top (ft)	Depth to Bottom (ft)						Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-27D	8/14/2003	50	60	10	Sandstone	60	827.78	827.39	47.54	777.80	46.75	780.64	46.13	781.26	NM	
MW-27DS	2/18/2009	75	80	5	Sandstone	80	827.55	827.92	47.60	777.78	46.83	781.09	46.21	781.71	NM	
MW-27S	8/14/2003	25	40	15	Dolomite	40	827.64	827.31	29.03	800.77	31.53	795.78	29.22	798.09	NM	
MW-28D	ABANDONED 11/12/12															
MW-28S	ABANDONED 10/13/11															
MW-29	10/9/2008	44.5	59.5	15	Sandstone	59.5	829.93	829.69	50.74	778.95	49.99	779.70	49.49	780.20	48.75	780.94
MW-29S	10/9/2008	9.6	24.6	15	Dolomite	24.6	829.88	829.52	20.60	808.92	20.55	808.97	19.86	809.66	21.50	808.02
PZ-29D2	11/5/2015	100	105	5	Sandstone	105	829.35	828.95	59.82	769.13	49.07	779.88	48.49	780.46	47.83	781.12
MW-29D	10/6/2011	145	150	5	Sandstone	150	829.93	829.40	NM		46.75	782.65	49.34	780.06	49.03	780.37
MW-30S	12/18/2009	25	40	15	Dolomite	40	827.93	827.66	NM		24.79	802.87	23.57	804.09	27.31	800.35
MW-30D	12/18/2009	45	60	15	Sandstone	60	827.94	827.41	NM		46.34	781.07	45.63	781.78	54.02	773.39
PZ-30D4	11/4/2015	80	85	5	Sandstone	85	827.80	827.57	NM		46.44	781.13	45.74	781.83	54.13	773.44
PZ-30D3	11/4/2015	110	115	5	Sandstone	115	827.88	827.45	NM		46.36	781.09	46.36	781.09	54.11	773.34
PZ-30D2	ABANDONED 7/2016															
MW-31D	12/18/2009	45	60	15	Sandstone	60	826.10	825.62	NM		NM		46.21	779.41	47.18	778.44
MW-31S	12/18/2009	23	38	15	Dolomite	38	826.22	826.05	37.36	788.69	37.34	788.71	37.26	788.79	DRY	
MW-32S	ABANDONED 9/22/15															
MW-32	9/21/2015	39	54	15	Unconsolidated	54	827.81	827.34	44.62	782.72	43.85	783.49	42.6	784.74	42.66	784.68
MW-33S	ABANDONED 9/22/15															
MW-33	9/22/2015	38	53	15	Unconsolidated	53	823.10	822.72	40.84	781.88	39.94	782.78	39.31	783.41	38.69	784.03
MW-34D	12/22/2009	61	66	5	Unconsolidated	66	824.48	824.00	NM		43.44	780.56	42.84	781.16	42.31	781.69
MW-34S	ABANDONED 9/22/15															
MW-34	9/23/2015	39	54	15	Unconsolidated	54	824.10	823.72	44.45	779.27	33.55	790.17	42.95	780.77	42.43	781.29
MW-35D	12/17/2009	52	62	10	Sandstone	62	826.73	826.63	NM		49.88	776.75	49.15	777.48	48.83	777.80
MW-35S	12/17/2009	30	45	15	Dolomite	45	827.15	826.79	NM		39.46	787.33	39.40	787.39	39.45	787.34
MW-36S	10/4/2011	35	40	5	Dolomite	40	828.98	828.36	17.81	813.37	19.74	808.62	17.80	810.56	20.62	807.74
MW-36D	10/5/2011	55	60	5	Sandstone	60	829.00	828.20	NM		47.13	781.07	46.51	781.69	45.78	782.42
MW-37D	10/6/2011	55	60	5	Sandstone	60	828.44	828.01	NM		55.41	772.60	55.11	772.90	54.51	773.50
MW-38D	6/2/2014	45	55	10	Sandstone	55	825.14	824.89	NM		41.84	783.05	46.83	778.06	NM	
MW-39S	12/17/2014	18	28	10	Dolomite	28	828.91	828.58	16.01	815.43	17.86	810.72	15.81	812.77	18.07	810.51
MW-40S	12/17/2014	23	33	10	Dolomite	33	830.13	829.68	NM		NM		NM		19.77	809.91
PZ-40D	12/17/2014	70	75	5	Sandstone	75	829.96	829.42	NM		46.02	783.40	45.35	784.07	44.70	784.72
MW-41S	12/17/2014	16	26	10	Dolomite	26	830.67	830.22	NM		15.93	814.29	14.30	815.92	19.09	811.13
PZ-42D1	1/22/2015	84	89	5	Sandstone	89	811.69	811.32	48.39	762.98	48.75	762.57	48.32	763.00	48.15	763.17
PZ-42D2	1/22/2015	120	125	5	Sandstone	125	811.67	811.24	48.35	762.93	48.68	762.56	48.30	762.94	48.09	763.15
PZ-42D3	1/16/2015	149	154	5	Sandstone	154	811.54	811.05	48.14	762.87	48.46	762.59	48.10	762.95	47.86	763.19
MW-43S	1/28/2015	45	55	10	Sandstone	55	812.01	811.76	47.26	764.31	47.39	764.37	46.97	764.79	46.74	765.02
PZ-43D1	1/28/2015	90	95	5	Sandstone	95	812.40	812.15	47.64	764.33	47.78	764.37	47.34	764.81	47.14	765.01
PZ-43D2	1/20/2015	130	135	5	Sandstone	135	811.76	811.35	46.83	765.84	47.00	764.35	48.30	763.05	46.34	765.01
MW-44S	2/3/2015	58	68	10	Unconsolidated	68	825.04	824.68	60.28	764.09	60.18	764.50	59.76	764.92	59.63	765.05
PZ-44D1	2/2/2015	90	95	5	Unconsolidated	95	825.08	824.82	60.04	764.49	60.14	764.68	59.65	765.17	59.52	765.30
PZ-44D2	1/30/2015	122	127	5	Unconsolidated/Sandstone	127	825.08	824.55	59.75	764.57	59.79	764.76	59.29	765.26	59.17	765.38
MW-45S	3/4/2015	57	67	10	Unconsolidated	67	811.96	811.65	49.40	762.53	50.09	761.56	49.83	761.82	49.5	762.15

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Former Robinson's Cleaners  
1838 W. Court Street  
Janesville, Wisconsin

Well ID	Date Constructed	Well Screen		Screen Length (ft)	Screen Location	Well Depth (ft)	Ground Surface Elevation (ft)	Top of Casing Elevation (ft)	14-Mar-2016		13-Jun-2016		12-Sep-2016		20-Dec-2016	
		Depth to Top (ft)	Depth to Bottom (ft)						Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
PZ-45D1	3/6/2015	93.5	98.5	5	Unconsolidated	98.5	811.61	811.17	48.86	762.61	49.58	761.59	49.3	761.87	49.01	762.16
PZ-45D2	3/5/2015	133	138	5	Unconsolidated	138	811.78	811.41	49.12	762.55	49.83	761.58	49.55	761.86	49.23	762.18
PZ-46D1	3/18/2015	130	135	5	Unconsolidated	135	819.62	819.25	58.11	761.39	58.64	760.61	58.39	760.86	48.11	771.14
PZ-46D2	3/16/2015	192.5	197.5	5	Unconsolidated	197.5	820.25	819.84	56.31	761.77	58.90	760.94	58.65	761.19	NM	
PZ-46D3	3/17/2015	215	220	5	Unconsolidated	220	819.89	819.50	57.55	761.81	58.53	760.97	58.29	761.21	NM	
PZ-47D1	3/12/2015	100.5	105.5	5	Unconsolidated	105.5	784.67	784.16	23.19	761.14	23.64	760.52	23.42	760.74	23.14	761.02
PZ-47D2	3/11/2015	124	129	5	Unconsolidated	129	784.38	783.84	22.47	761.14	23.32	760.52	23.09	760.75	22.78	761.06
PZ-47D3	3/10/2015	144	149	5	Unconsolidated	149	784.03	783.51	22.86	761.20	22.92	760.59	22.70	760.81	22.42	761.09
PZ-48D1	10/5/2015	65	70	5	Sandstone	70	825.00	824.65	56.22	767.76	55.81	768.84	55.19	769.46	55.08	769.57
PZ-48D2	10/2/2015	85	90	5	Sandstone	90	824.91	824.48	56.13	767.74	55.70	768.78	55.06	769.42	54.96	769.52
PZ-48D3	10/1/2015	135	140	5	Sandstone	140	824.82	824.59	56.19	767.76	55.81	768.78	55.17	769.42	55.09	769.50
PZ-49D1	10/22/2015	100	105	5	Unconsolidated	105	802.96	802.50	41.37	761.39	41.85	760.65	41.62	760.88	41.32	761.18
PZ-49D2	10/22/2015	130	135	5	Unconsolidated	135	802.97	802.49	41.33	761.40	41.85	760.64	41.61	760.88	41.3	761.19
PZ-49D3	10/21/2015	160	165	5	Unconsolidated	165	803.14	802.60	41.21	761.55	41.73	760.87	41.49	761.11	41.18	761.42
PZ-49D4	10/20/2015	180	185	5	Unconsolidated	185	803.28	802.78	41.37	761.56	41.88	760.90	41.66	761.12	41.35	761.43
MW-51S	9/30/2015	29.5	39.5	10	Dolomite	39.5	827.58	826.99	31.44	796.51	NM		31.01	795.98	31.87	795.12
PZ-52D1	10/7/2015	75	80	5	Unconsolidated	80	800.07	799.77	38.04	761.72	38.3	761.47	38.08	761.69	37.78	761.99
PZ-52D2	10/7/2015	105	110	5	Unconsolidated	110	800.27	799.91	37.85	761.95	38.08	761.83	37.89	762.02	38.32	761.59
PZ-52D3	10/6/2015	130	135	5	Unconsolidated	135	800.38	799.94	38.02	761.14	38.31	761.63	38.11	761.83	37.63	762.31
PZ-53D1	11/3/2015	29	34	5	Unconsolidated	34	760.17	759.78	2.37	757.77	2.87	756.91	2.72	757.06	2.62	757.16
PZ-53D2	11/3/2015	65	70	5	Sandstone	70	760.28	759.94	2.41	757.93	2.87	757.07	2.70	757.24	2.59	757.35
PZ-53D3	10/30/2015	120	125	5	Sandstone	125	760.42	759.95	2.22	757.78	2.80	757.15	2.65	757.30	2.54	757.41
PZ-53D4	ABANDONED 7/2016															
PZ-54D1	11/6/2015	80	85	5	Sandstone	85	826.08	825.59	53.71	771.16	53.13	772.46	52.60	772.99	52.25	773.34
PZ-54D2	11/5/2015	110	115	5	Sandstone	115	825.94	825.49	53.75	771.74	53.16	772.33	52.61	772.88	52.38	773.11

Notes:

ft = feet

Wells screened in Unconsolidated Glaciogenic Sediments

Wells screened in Platteville Dolomite

Wells screened in St. Peter Sandstone

Abandoned Well

NM = Not Measured