



Wisconsin Public Service Corporation

700 North Adams Street
P.O. Box 19001
Green Bay, WI 54307-9001

www.wisconsinpublicservice.com

February 27, 2017

Mr. Pablo Valentín
USEPA Region 5 – SR6J
77 W. Jackson Boulevard
Chicago, Illinois 60604-3590

RE: January 2017 Monthly Progress Report
Wisconsin Public Service Corporation
CERCLA Docket No. V-W-07-C-862

Please find enclosed the monthly progress report for the Wisconsin Public Service Corporation's Sheboygan – Campmarina former manufactured gas plant site. If you have any questions, please don't hesitate to contact me at (920) 433-2643 or bfbartoszek@integrysgroup.com.

Sincerely,

Brian Bartoszek, P.E.
Manager – Remediation

Enclosures as noted

cc: Mr. John Feeney, WDNR (hardcopy and email)



ENVIRONMENTAL CONSULTANTS

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Mr. Brian Bartoszek
WEC Business Services, LLC
700 North Adams Street
Green Bay, Wisconsin 54307-9001

February 27, 2017
(1313)

RE: January 2017 Monthly Progress Report
Campmarina Former MGP, Sheboygan, Wisconsin
Wisconsin Public Service Corporation

CERCLA Docket No. V-W-07-C-862
EPA Site ID # – B5DA
CERCLIS ID – WIN000510058

Dear Mr. Bartoszek:

Natural Resource Technology, Inc. (NRT) is providing this Monthly Progress Report for Wisconsin Public Service Corporation's (WPSC) Campmarina Former Manufactured Gas Plant (MGP) Site.

1) Progress Made During the Past Month

- Continued discussion on the need for TI Waiver.
- Completed and submitted monthly progress report to USEPA.

2) Analytical and Other Testing Results Received

- Analytical data from the 2016 December event was received and is attached.

3) Projected Work Next Month

- Continued discussion on the need for TI Waiver.



4) Anticipated Schedule (for additional details, please refer to the December 2016 Progress Report)

Deliverable or Milestone	Target Date	Actual Date
Upland Operable Unit		
Draft Upland OU Technical Letter – Revision 0 to USEPA	April 26, 2007	April 26, 2007
Receive USEPA Comments on Draft Upland OU Technical Letter	--	December 6, 2007
Upland OU Work Plan – Rev 0 to USEPA	Within 60 days of receiving USEPA's Technical Scoping Meeting Summary	
Receive USEPA Comments on Upland OU Work Plan – Revision 0	TBD	
Submit Technical Memorandum to discontinue operation of the biosparge system	--	October 19, 2010
Receive USEPA Comments on Technical Impracticability Report	--	May 1, 2014
Submit Technical Impracticability Report - Revision 1	--	July 1, 2014
2016 Groundwater Levels and RNA Sampling	March, June, September, December	March 17, June 15, September 14, December 13
2017 Groundwater Levels and RNA Sampling	March, June, September, December	
River Operable Unit		
Submit Construction Completion Report Revision 1	--	October 30, 2013
USEPA signs No Further Action Record of Decision for River Operable Unit	--	September 25, 2012
Receive USEPA Approval for Construction Completion Report Rev 1 (submitted October 30, 2013)	--	April 17, 2014
USEPA's Five Year Review (per the USEPA's December 15, 2016 letter)	September 25, 2017	





5) Problems or Potential Problems Encountered

- None.

6) Actual or Planned Resolution of Problems or Potential Problems

- None.

Please contact me if you have any questions regarding the content of this progress report.

Sincerely,

NATURAL RESOURCE TECHNOLOGY, INC.

A handwritten signature in cursive script that reads "Andrew Cawrse".

Andrew G. Cawrse
Environmental Scientist

Attachment: December 2016 Groundwater Analytical Results

For Distribution To: Mr. Pablo Valentín, USEPA (via email and hard copy)
Mr. John Feeney, WDNR (via email and hard copy)

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Table 1. December 2016 Groundwater Analytical Results - PAHs

Wisconsin Public Service Corp., Former Manufactured Gas Plant Site - Campmarina
 732 Water Street, Sheboygan, Wisconsin
 BRRTS#: 0260000095 FID#: 460134950 USEPA#: WIN000510058

Sample Location	Collection Date	TPAH (µg/L)	1-Methylnaphthalene (µg/L)	2-Methylnaphthalene (µg/L)	Acenaphthene (µg/L)	Acenaphthylene (µg/L)	Anthracene (µg/L)	Benzo(a)anthracene (µg/L)	Benzo(a)pyrene (µg/L)	Benzo(b)fluoranthene (µg/L)	Benzo(g,h,i)perylene (µg/L)	Benzo(k)fluoranthene (µg/L)	Chrysene (µg/L)	Dibenz(a,h)anthracene (µg/L)	Fluoranthene (µg/L)	Fluorene (µg/L)	Indeno(1,2,3-cd)pyrene (µg/L)	Naphthalene (µg/L)	Phenanthrene (µg/L)	Pyrene (µg/L)
121316001 MW709R	12/13/2016	0.051	< 0.0061 U	0.0053 J	< 0.0063 U	< 0.0052 U	0.014 J	< 0.0079 U	< 0.011 U	0.0076 J	< 0.0071 U	< 0.0079 U	< 0.014 U	< 0.010 U	< 0.011 U	< 0.0083 U	< 0.018 U	< 0.019 U	< 0.014 U	< 0.0080 U
121316002 MW708	12/13/2016	0.033	< 0.0058 U	< 0.0049 U	< 0.0060 U	< 0.0049 U	< 0.010 U	< 0.0075 U	< 0.010 U	< 0.0057 U	< 0.0067 U	< 0.0075 U	< 0.013 U	< 0.0099 U	< 0.011 U	< 0.0079 U	< 0.017 U	< 0.018 U	< 0.014 U	< 0.0076 U
121316003 PZ703	12/13/2016	2.6	0.63	0.19	1.1	0.090	0.024 J	< 0.0076 U	< 0.011 U	< 0.0058 U	< 0.0068 U	< 0.0076 U	< 0.013 U	< 0.010 U	0.016 J	0.22	< 0.018 U	0.098	0.13	0.022 J
121316004 MW707R	12/13/2016	623	99.2	5.5	32.4	1.5	7.2	< 0.30 U	< 0.42 U	< 0.23 U	< 0.27 U	< 0.30 U	< 0.52 U	< 0.40 U	0.77 J	9.5	< 0.70 U	459	7.3	0.84 J
121316005 PZ702	12/13/2016	0.076	0.0084 J	0.0065 J	< 0.0058 U	< 0.0048 U	< 0.010 U	< 0.0073 U	< 0.010 U	< 0.0055 U	< 0.0065 U	< 0.0073 U	< 0.013 U	< 0.0096 U	< 0.010 U	< 0.0077 U	< 0.017 U	0.020 J	< 0.013 U	0.0077 J
121316006 MW706	12/13/2016	586	142	26.6	8.4	85.7	5.5	2.0	1.5 J	1.1	0.65 J	0.81 J	1.7 J	< 0.29 U	4.5	22.0	0.51 J	259	18.7	5.4
121316007 MW701R	12/13/2016	1130	118	106	80.1	1.2 J	13.2	0.97 J	< 0.67 U	0.43 J	< 0.43 U	< 0.48 U	< 0.82 U	< 0.63 U	4.0	17.8	< 1.1 U	752	31.4	5.0
121316008 MW701R QA/QC	12/13/2016	1180	121	110	81.8	1.1 J	16.5	0.59 J	< 0.73 U	< 0.40 U	< 0.47 U	< 0.52 U	1.0 J	< 0.69 U	4.1	17.1	< 1.2 U	792	26.7	4.9
121316009 PZ701	12/13/2016	0.047	< 0.0057 U	< 0.0048 U	< 0.0059 U	< 0.0048 U	< 0.010 U	< 0.0073 U	< 0.010 U	0.0084 J	< 0.0066 U	< 0.0073 U	< 0.013 U	< 0.0097 U	< 0.010 U	< 0.0077 U	< 0.017 U	< 0.018 U	< 0.013 U	0.0099 J
121316010 Equip Blank	12/13/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
121316011 Trip Blank	12/13/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
121316012 MW705	12/13/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
121316013 SG703	12/13/2016	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

[O:ECK 1/19/2017, CAGC 1/25/17]

Notes:
 -- = not analyzed
 < = Concentration is less than reported limit
 J = Estimated concentration at or above the Limit of Detection and below the Limit of Quantification.
 U = Indicates that the compound was analyzed for, but not detected at or above the adjusted Limit of Detection.
 Definitions for additional data qualifiers can be found in associated laboratory and validation reports.
 QA/QC = Quality Assurance / Quality Control Field Duplicate Sample
 µg/L = micrograms per liter
 PAH = Polycyclic Aromatic Hydrocarbons
 TPAH = Total PAHs
 Total PAHs were calculated by the laboratory.

Table 2. December 2016 Groundwater Analytical Results - VOCs, Inorganics, and RNA

Wisconsin Public Service Corp., Former Manufactured Gas Plant Site - Campmarina
 732 Water Street, Sheboygan, Wisconsin
 BRRTS#: 0260000095 FID#: 460134950 USEPA#: WIN000510058

Sample Location	Collection Date	BTEX	BTEX	BTEX	BTEX	BTEX	Inorganic	Inorganic	Inorganic	RNA	RNA	RNA	RNA	RNA	RNA	RNA
		Benzene (µg/L)	Ethylbenzene (µg/L)	Toluene (µg/L)	Xylenes, m + p (µg/L)	Xylene, o (µg/L)	Methane (µg/L)	Nitrogen, NO2 + NO3, Total (mg/L)	Sulfate, Total (mg/L)	Dissolved Oxygen (mg/l)	Groundwater, depth to (feet)	Oxidation Reduction Potential (millivolts)	PH, Field (Standard Units) (pH units)	Specific Conductance, Field (mmhos/cm)	Temperature, Water (Degrees Celsius) (deg c)	Turbidity, Quantitative (NTU)
121316001 MW709R	12/13/2016	< 0.50 U	< 0.50 U	< 0.50 U	< 1.0 U	< 0.50 U	1,320	< 0.095 U	45.1	0.98	4.55	-157	7.29	1.95	7.85	34.0
121316002 MW708	12/13/2016	< 0.50 U	< 0.50 U	< 0.50 U	< 1.0 U	< 0.50 U	< 1.4 U	< 0.095 U	99.2	1.81	10.41	25	7.31	4.53	8.71	22.9
121316003 PZ703	12/13/2016	365	119	11.0	61.3	86.7	767	< 0.095 U	1.1 J	1.25	5.00	-115	7.05	0.558	4.32	30.0
121316004 MW707R	12/13/2016	1,960	2,460	27.7	101	495	11,800	< 0.095 U	< 5.0 U	0.94	4.42	-155	7.17	1.70	7.86	23.5
121316005 PZ702	12/13/2016	< 0.50 U	< 0.50 U	< 0.50 U	< 1.0 U	< 0.50 U	3.5	< 0.095 U	1.3 J	5.17	6.49	62	7.29	0.199	5.97	116
121316006 MW706	12/13/2016	2,160	124	591	214	106	33.3	2.4	126	0.84	8.57	-187	7.37	1.245	7.86	107
121316007 MW701R	12/13/2016	3,140	279	< 20.0 U	58.1 J	98.5	10,400	< 0.095 U	< 5.0 U	0.93	5.85	-150	6.76	2.33	7.31	204
121316008 MW701R	12/13/2016	3,330	311	14.6 J	41.2	121	12,400	< 0.095 U	< 1.0 U	0.93	5.85	-150	6.76	2.33	7.31	204
121316009 PZ701	12/13/2016	< 0.50 U	< 0.50 U	< 0.50 U	< 1.0 U	< 0.50 U	16.7	< 0.095 U	103	0.95	5.77	-5	7.62	0.757	7.32	81.0
121316010 Equip Blank	12/13/2016	4.7	< 0.50 U	< 0.50 U	< 1.0 U	< 0.50 U	--	--	--	--	--	--	--	--	--	--
121316011 Trip Blank	12/13/2016	< 0.50 U	< 0.50 U	< 0.50 U	< 1.0 U	< 0.50 U	--	--	--	--	--	--	--	--	--	--
121316012 MW705	12/13/2016	--	--	--	--	--	--	--	--	--	5.99	--	--	--	--	--
121316013 SG703	12/13/2016	--	--	--	--	--	--	--	--	--	2.78	--	--	--	--	--

[O:ECK 1/19/2017, C:AGC 1/25/17]

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- U = Indicates that the compound was analyzed for, but not detected at or above the adjusted Limit of Detection.
- Definitions for additional data qualifiers can be found in associated laboratory and validation reports.
- QA/QC = Quality Assurance / Quality Control Field Duplicate Sample
- BTEX = Benzene, Toluene, Ethylbenzene and Xylene
- RNA = remediation by natural attenuation
- °C = degrees Celsius
- µg/L = micrograms per liter
- mg/L = milligrams per liter
- mmhos/cm = millimhos per centimeter
- NTU = Nephelometric Turbidity Unit