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October 27, 2020

Cindy Stine, P.G.
PaDEP SCRO
909 Elmerton Avenue
Harrisburg, Pennsylvania 17110-8200

RE: Remedial Progress Report –3rd Quarter 2020
Park Station
29558 Great Cove Road
Fort Littleton, PA 17223-9636
Facility ID No. 29-60120

Cindy:

Please find attached the remedial action progress report for the above referenced location submitted by McKee Environmental, Inc. (MEI), on behalf of Park Station. If you have questions or need additional information, please contact the undersigned at (814) 380-7126 (cell).

McKEE ENVIRONMENTAL, INC.

Douglas S. McKee, P.G.
President

Cc: Mr. Andy Park

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

General Information

Consultant:	McKee Environmental, Inc. (MEI)
Client Contact:	Andy Park
MEI Project Manager:	Douglas S. McKee, P.G.
PADEP Contact:	Cindy Stine
County:	Fulton
Facility Property Status:	Fully Operational
Overburden Observation Wells	13
Extraction Wells	0
Bedrock Observation Wells	0
Remediation System	Quarterly Monitoring

Site Activities

Site monitoring wells gauged and sampled: September 14, 2020

Groundwater Monitoring and Sampling

Average Depth to Groundwater:	14.30 feet
Apparent Flow Direction:	Southeast
Hydraulic Gradient:	0.1163 feet/foot
Groundwater Sampling Frequency:	Quarterly
Analytical Method:	EPA Method 8260B
Analytical Parameters:	1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, BTEX, MTBE, Naphthalene, and Cumene

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

Site Specific Parameters

Sensitive Receptors

An unnamed tributary runs along the site southeastern property boundary and downgradient. Southern compliance groundwater monitoring well MW-11 has shown periodic impact above the SHS.

Drinking Water Supply

The site and surrounding properties utilize potable wells for water supply. The site potable well has been impacted by the fuel release.

Remediation Goals

For on- and off-site soil and groundwater, the facility has selected the Site Specific Standard (NR-U) as the remediation standard.

Activities

On September 14, 2020, MEI returned to the site to conduct a quarterly groundwater sampling event. A total of 12 of the 13 site groundwater monitoring wells were gauged, purged, and sampled. No separate phase liquid (SPL) was found on the water surface of MW-4 during this event so it was purged and sampled along with the rest of the groundwater monitoring well network. Additionally, the potable well was gauged and sampled .

Following each site visit, static water levels were used to create groundwater gradient maps, representing general flow direction. Refer to **Table 1** for a list of the recorded gauging data and **Attachment A** for groundwater gradient representations.

Groundwater samples were analyzed for EPA method 8260B parameters 1,2,4-Trimethylbenzene, 1,3,5-Trimethylbenzene, BTEX, MTBE, Cumene, and Naphthalene. Results were compared with the Pennsylvania Department of Environmental Protection (PADEP) Statewide Health Standards (SHS) **(Table 2)**.

MEI has been gauging groundwater monitoring well MW-4 on an almost weekly basis. Measurable product has not been recorded since September 14, 2020. It appears as though the product is revealed when the static water level drops to approximately 23 feet below ground surface. Since that date, the SWLs have not dropped below 22 feet below ground surface. MEI will continue to make weekly trips to gauge MW-4 and remove measurable product, if found, as well as replace floating absorbent socks. Please see **Table 4** for the SPL data.

On August 11, 2020, MEI contracted ARM Group to conduct geophysical logging of the potable well. The pump was removed prior to the testing to allow access for the well. It was determined that the well is cased throughout the borehole to within two inches of the bottom. No bedrock characteristics were made from the testing. The pump was replaced following the testing and consequently failed soon after. A new pump was installed and operated for approximately three weeks before failure. MEI then contracted Eichelbergers, Inc. on September 29, 2020, to assess the new pump. It was determined that the motor in the new pump failed. The motor was replaced and has been operational since.

On August 19, 2020, MEI installed two carbon units in series in line with the potable water supply for treatment. Since installation, the potable water quality has improved in both clarity and odor. Samples will be collected monthly from ports before the carbon, between the units, and after to verify the condition of the units. The carbon will be replaced in the first unit once break through has been determined.

Results

The water levels dropped in six of the 13 site groundwater monitoring wells, including MW-13 which was found dry again. Three of the four wells installed beyond the property boundary to the southeast rose slightly. Site groundwater continues to migrate in a southeastern direction toward the Pa Turnpike, as shown in the attached groundwater contour diagram.

According to the analytical report, MW-1 continues to exhibit high concentrations of fuel compounds but MW-4 now has the highest concentrations. The source appears to link groundwater monitoring wells MW-1 and MW-4 with the potable well centered in between.

Concentrations of MTBE decreased throughout as no exceedances were reported. Conversely, an exceedance of Xylenes was reported within MW-4. Groundwater monitoring wells MW-6, MW-7, and MW-11 were found impact-free during this event. Please see **Table 2** for the tabulated data and Figure 4A-F for isoconcentration maps.

The potable well was sampled after the carbon treatment and the results show no detectable concentrations. Raw water samples will be collected on a monthly basis going forward as part of the treatment system assessment as well as the quarterly groundwater sampling event. The data will be tabulated and included in the next RAPR. Please see **Table 4** for the potable water data.

Comments

Site groundwater continues to flow southeast and the migratory pathway appears to follow a line from MW-1 beneath the site facility and toward MW-9 and MW-11. No SPL was observed on the water surface within MW-4 since September 14, 2020. The product will be bailed out when observed on a weekly basis until a treatment system can be installed and operational.

Carbon treatment on the potable water system appears to be working and will be monitored monthly until a replacement potable water well can be installed.

Design and conducting a pilot is planned for a bidding process. The bid package is currently being drafted and will be submitted to interested parties. Upon award, the pilot test will be scheduled.

The next quarterly groundwater sampling event will be conducted on or around December 23, 2020.

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

Figures

Tables

Attachments

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

FIGURES

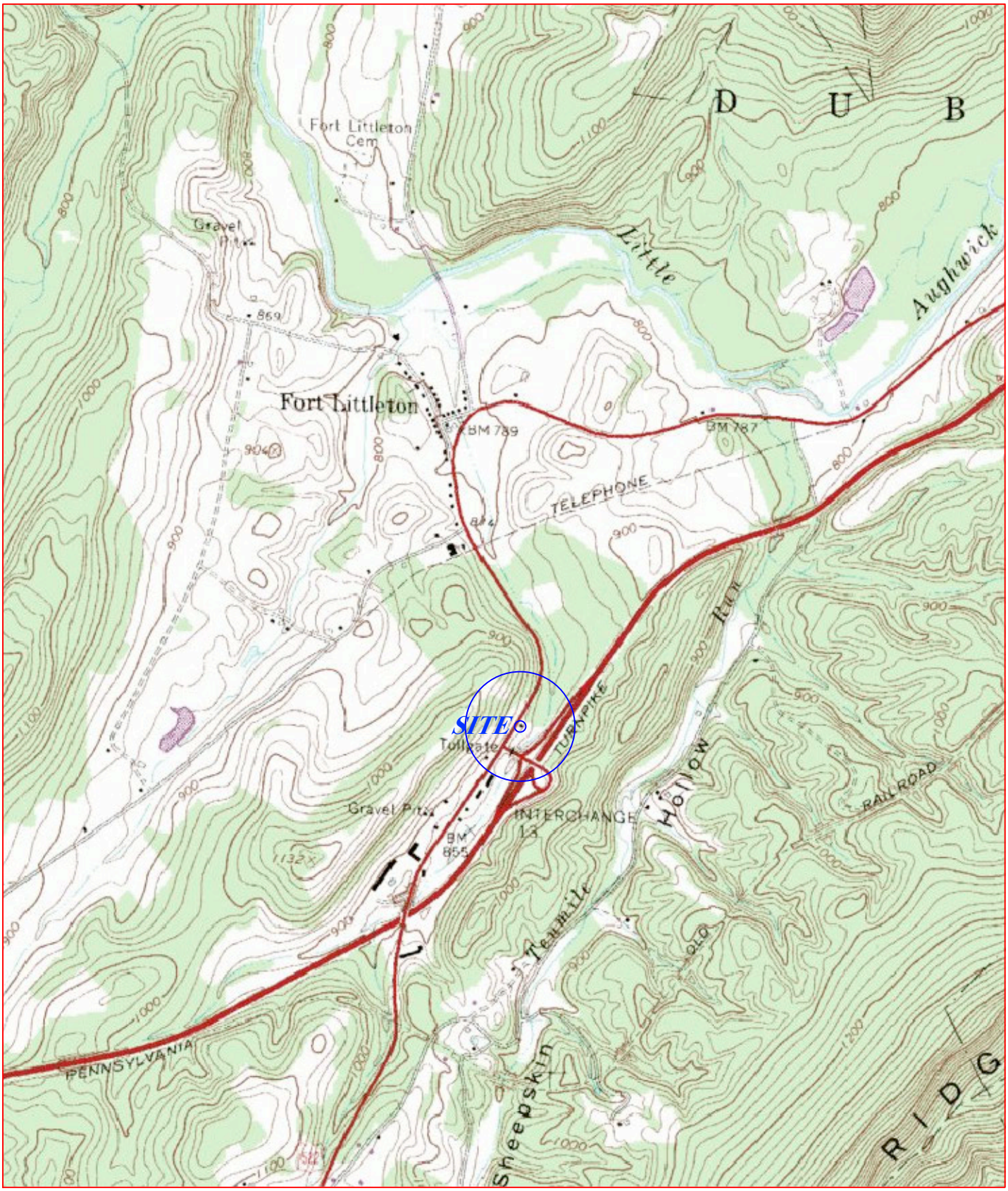


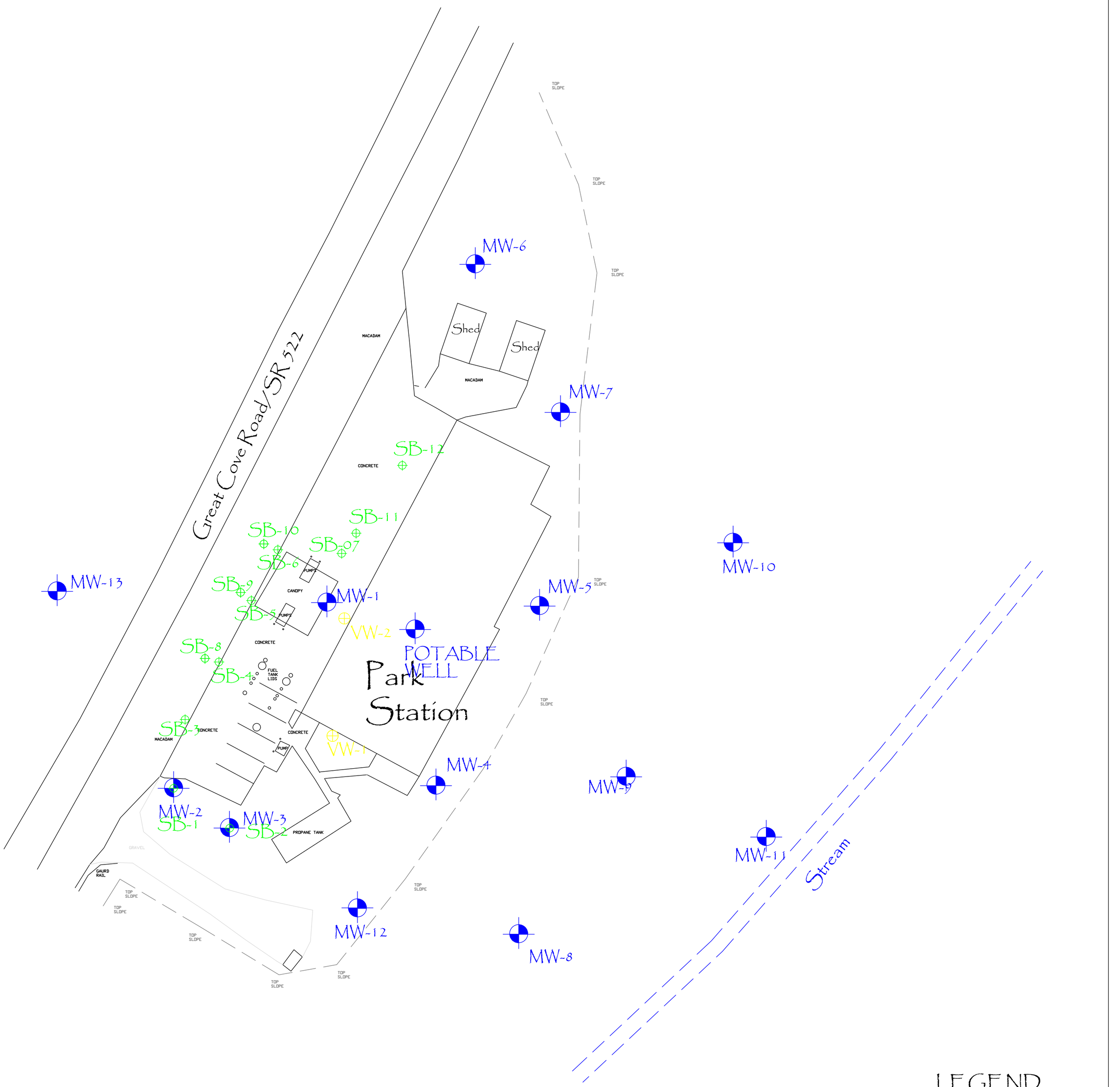
FIGURE 1

SITE TOPOGRAPHIC MAP
FORT LITTLETON, PENNSYLVANIA
FULTON COUNTY

McKee Environmental, Inc.

SITE CHARACTERIZATION

PARK STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PENNSYLVANIA



DATE: 4/27/2020

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE 2

/Users/douglasmckee/Desktop/Doug's Stuff/MEI Logo-JPEG.jpg

SITE CHARACTERI

SITE LAYOUT

PARK'S STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PA 17223-9636

86 QUARTZ DRIVE BELLEFONTE, PA 16823 (814) 380-7126

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

TABLES

Table 1
Groundwater Gauging Data
Park Station
Fort Littleton, PA

WELL ID	DATE	TOC ELEVATION (Feet ATBM)	DEPTH TO GROUNDWATER (Feet)	TOTAL DEPTH (Feet)	GW ELEVATION (Feet ATBM)
MW-1	06/21/19	749.15	21.74	24.17	727.41
	07/08/19	749.15	12.65	24.17	736.50
	09/09/19	749.15	13.10	24.17	736.05
	10/14/16	749.15	13.76	24.17	735.39
	11/16/19	749.15	14.21	24.17	734.94
	12/27/19	749.15	14.92	24.17	734.23
	02/21/20	749.15	15.01	24.17	734.14
	03/12/20	749.15	14.96	24.17	734.19
	04/07/20	749.15	14.80	24.17	734.35
	06/01/20	749.15	14.40	24.17	734.75
	06/24/20	749.15	14.28	24.17	734.87
	09/14/20	749.15	15.20	24.17	733.95
MW-2	06/21/19	748.57	8.96	24.21	739.61
	07/08/19	748.57	9.63	24.21	738.94
	09/09/19	748.57	11.45	24.21	737.12
	10/14/16	748.57	12.22	24.21	736.35
	11/16/19	748.57	13.89	24.21	734.68
	12/27/19	748.57	12.52	24.21	736.05
	02/21/20	748.57	12.74	24.21	735.83
	03/12/20	748.57	13.13	24.21	735.44
	04/07/20	748.57	12.12	24.21	736.45
	06/01/20	748.57	11.61	24.21	736.96
	06/24/20	748.57	12.31	24.21	736.26
	09/14/20	748.57	14.23	24.21	734.34
MW-3	07/08/19	748.59	9.56	24.30	739.03
	09/09/19	748.59	11.92	24.30	736.67
	10/14/16	748.59	12.38	24.30	736.21
	11/16/19	748.59	13.00	24.30	735.59
	12/27/19	748.59	13.08	24.30	735.51
	02/21/20	748.59	13.08	24.30	735.51
	03/12/20	748.59	13.35	24.30	735.24
	04/07/20	748.59	12.30	24.30	736.29
	06/01/20	748.59	11.97	24.30	736.62
	06/24/20	748.59	12.55	24.30	736.04
	09/14/20	748.59	14.32	24.30	734.27
MW-4	07/08/19	748.80	19.83	33.80	728.97
	09/09/19	748.80	20.17	33.80	728.63
	10/14/16	748.80	20.56	33.80	728.24
	11/16/19	748.80	21.19	33.80	727.61
	12/27/19	748.80	21.74	33.80	727.06
	02/21/20	748.80	22.22	33.80	726.58
	03/12/20	748.80	22.33	33.80	726.47
	04/07/20	748.80	21.52	33.80	727.28
	06/01/20	748.80	23.24	33.80	725.56
	06/24/20	748.80	23.1*	33.80	725.70
	09/14/20	748.80	21.71	33.80	725.70

Notes:

* = Adjusted for presence of SPL
- ATBM = Above Temporary Bench Mark.
- GW = Groundwater.
- TOC = Top of Casing.
- NG = Not Gauged.

McKee Environmental, Inc.

Table 1
Groundwater Gauging Data
Park Station
Fort Littleton, PA

WELL ID	DATE	TOC ELEVATION (Feet ATBM)	DEPTH TO GROUNDWATER (Feet)	TOTAL DEPTH (Feet)	GW ELEVATION (Feet ATBM)
MW-5	07/08/19	748.22	20.73	34.00	727.49
	09/09/19	748.22	21.48	34.00	726.74
	10/14/16	748.22	21.50	34.00	726.72
	11/16/19	748.22	22.30	34.00	725.92
	12/27/19	748.22	22.00	34.00	726.22
	02/21/20	748.22	22.24	34.00	725.98
	03/12/20	748.22	22.53	34.00	725.69
	04/07/20	748.22	21.89	34.00	726.33
	06/01/20	748.22	21.83	34.00	726.39
	06/24/20	748.22	21.16	34.00	727.06
	09/14/20	748.22	22.36	34.00	725.86
MW-6	07/08/19	748.02	19.66	27.80	728.36
	09/09/19	748.02	19.68	27.80	728.34
	10/14/16	748.02	19.71	27.80	728.31
	11/16/19	748.02	19.73	27.80	728.29
	12/27/19	748.02	19.82	27.80	728.20
	02/21/20	748.02	19.85	27.80	728.17
	03/12/20	748.02	19.94	27.80	728.08
	04/07/20	748.02	19.44	27.80	728.58
	06/01/20	748.02	19.24	27.80	728.78
	06/24/20	748.02	19.46	27.80	728.56
	09/14/20	748.02	20.65	27.80	727.37
MW-7	07/08/19	747.76	23.23	31.94	724.53
	09/09/19	747.76	24.11	31.94	723.65
	10/14/16	747.76	24.62	31.94	723.14
	11/16/19	747.76	24.77	31.94	722.99
	12/27/19	747.76	24.48	31.94	723.28
	02/21/20	747.76	24.72	31.94	723.04
	03/12/20	747.76	24.95	31.94	722.81
	04/07/20	747.76	24.25	31.94	723.51
	06/01/20	747.76	24.71	31.94	723.05
	06/24/20	747.76	25.07	31.94	722.69
	09/14/20	747.76	24.84	31.94	722.92
MW-8	12/27/19	724.75	5.11	7.00	719.64
	02/21/20	724.75	5.71	7.00	719.04
	03/12/20	724.75	4.70	7.00	720.05
	04/07/20	724.75	4.43	7.00	720.32
	06/01/20	724.75	4.41	7.00	720.34
	06/24/20	724.75	4.80	7.00	719.95
	09/14/20	724.75	4.95	7.00	719.80
MW-9	12/27/19	723.63	6.56	7.00	717.07
	02/21/20	723.63	5.61	7.00	718.02
	03/12/20	723.63	5.76	7.00	717.87
	04/07/20	723.63	5.53	7.00	718.10
	06/01/20	723.63	5.58	7.00	718.05
	06/24/20	723.63	6.22	7.00	717.41
	09/14/20	723.63	6.05	7.00	717.58

Notes:
- ATBM = Above Temporary Bench Mark.
- GW = Groundwater.
- TOC = Top of Casing.
- NG = Not Gauged.

Table 1
Groundwater Gauging Data
Park Station
Fort Littleton, PA

WELL ID	DATE	TOC ELEVATION (Feet ATBM)	DEPTH TO GROUNDWATER (Feet)	TOTAL DEPTH (Feet)	GW ELEVATION (Feet ATBM)
MW-10	12/27/19	719.32	7.51	7.00	711.81
	02/21/20	719.32	4.15	7.00	715.17
	03/12/20	719.32	4.22	7.00	715.10
	04/07/20	719.32	4.18	7.00	715.14
	06/01/20	719.32	4.22	7.00	715.10
	06/24/20	719.32	4.89	7.00	714.43
	09/14/20	719.32	4.66	7.00	714.66
MW-11	02/21/20	718.85	4.66	5.00	714.19
	03/12/20	718.85	4.77	5.00	714.08
	04/07/20	718.85	4.63	5.00	714.22
	06/01/20	718.85	5.05	5.00	713.80
	06/24/20	718.85	5.11	5.00	713.74
	09/14/20	718.85	4.98	5.00	713.87
MW-12	02/21/20	747.72	16.82	23.00	730.90
	03/12/20	747.72	16.85	23.00	730.87
	04/07/20	747.72	16.57	23.00	731.15
	06/01/20	747.72	16.65	23.00	731.07
	06/24/20	747.72	16.82	23.00	730.90
	09/14/20	747.72	17.70	23.00	730.02
MW-13	02/21/20	753.68	11.50	11.50	742.18
	03/12/20	753.68	11.50	11.50	742.18
	04/07/20	753.68	6.38	11.50	747.30
	06/01/20	753.68	8.85	11.50	744.83
	06/24/20	753.68	11.50	11.50	742.18
	09/14/20	753.68	11.50	11.50	742.18
Potable Well	08/04/20	UNK	18.75	52.00	--
	09/29/20	UNK	22.65	52.00	--

Notes:
- ATBM = Above Temporary Bench Mark.
- GW = Groundwater.
- TOC = Top of Casing.
- NG = Not Gauged.

Table 2
Groundwater Sample Analytical Results - Site Characterization
Park Station
Fort Littleton, Pennsylvania
Water Results in micrograms per liter (ug/L)

Sample I.D. (Field)	Groundwater Samples										GW MSCs	GW MSCs
	MW-1	MW-2		MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7		
Sample Depth (Below grade)	NA	NA		NA	NA	NA	NA	NA	NA	NA	RESIDENTIAL	NON-
Sample Date	6/21/19	6/21/19		7/8/19	7/8/19	7/8/19	7/8/19	7/8/19	7/8/19	7/8/19		RESIDENTIAL
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	**364**	**3.22**		**848**	**1.31**	**49.9**	**150**	**8.33**	<1.0	<1.0	**420**	**1200**
1,2,4-Trimethylbenzene	**1480**	**9.75**		**2900**	**2.76**	**148**	**292**	**18.6**	<1.0	<1.0	**15**	**62**
Benzene	**6030**	**7.68**		**4940**	**2.75**	**84.7**	**3330**	**59.8**	<1.0	**2.11**	**5**	**5**
Ethylbenzene	**2620**	**8.17**		**2720**	**3.10**	**167**	**505**	**6.7**	<1.0	<1.0	**700**	**700**
Isopropylbenzene	**89.8**	**1.07**		**162**	**1.49**	**22.6**	**23.8**	**2.32**	<1.0	<1.0	**840**	**3500**
Methyl tert-butyl ether	**169**	<1.0		**148**	<1.0	<1.0	**20.6**	**22.2**	<1.0	**6.09**	**20**	**20**
Naphthalene	**552**	**4.57**		**1030**	**1.63**	**80**	**99.5**	**3.7**	<1.0	<1.0	**100**	**100**
Toluene	**10300**	**16.1**		**8320**	**3.17**	**15.5**	**1580**	**1.18**	<1.0	<1.0	**1000**	**1000**
Xylenes	**12200**	**36.4**		**12400**	**9.43**	**234**	**2690**	**20**	<2.0	<2.0	**10000**	**10000**

Sample I.D. (Field)	Groundwater Samples							GW MSCs	GW MSCs
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7		
Sample Depth (Below grade)	NA	NA	NA	NA	NA	NA	NA	RESIDENTIAL	NON-
Sample Date	9/9/19	9/9/19	9/9/19	9/9/19	9/9/19	9/9/19	9/9/19		RESIDENTIAL
VOLATILE ORGANIC COMPOUNDS									
1,3,5-Trimethylbenzene	**425**	<1.0	**28.2**	**79.6**	**2.96**	<1.0	<1.0	**420**	**1200**
1,2,4-Trimethylbenzene	**1520**	**1.16**	**137**	**286**	**5.2**	<1.0	<1.0	**15**	**62**
Benzene	**4290**	<1.0	**130**	**3450**	**111**	<1.0	<1.0	**5**	**5**
Ethylbenzene	**1740**	**1.38**	**337**	**639**	<1.0	<1.0	<1.0	**700**	**700**
Isopropylbenzene	**80.2**	**2.24**	**25.4**	**19.8**	**1.89**	<1.0	<1.0	**840**	**3500**
Methyl tert-butyl ether	**136**	<1.0	<5.00	<10.0	**5.08**	<1.0	**4.85**	**20**	**20**
Naphthalene	**533**	**1.07**	**97.7**	**104**	**2.9**	<1.0	<1.0	**100**	**100**
Toluene	**6980**	<1.0	**26.2**	**2560**	**1.55**	<1.0	<1.0	**1000**	**1000**
Xylenes	**9130**	<2.0	**263**	**2800**	**34.8**	<2.0	<2.0	**10000**	**10000**

Notes:

- <0.023= Parameter not detected at the detection limit.

22.4	Parameter exceeding Residential Standard
225.00	Parameter exceeding both Residential and Non-Residential Standard

- Medium-Specific Concentrations (MSCs) were established in the Technical Guidance Manual dated December 1997 and were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250,were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250, Administration of the Land Recycling Act ust 16, 1997, and as revised November 24, 2001.

Table 2
Groundwater Sample Analytical Results - Site Characterization
Park Station
Fort Littleton, Pennsylvania
Water Results in micrograms per liter (ug/L)

Sample I.D. (Field)	Groundwater Samples											
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	GW MSCs	GW MSCs
Sample Depth (Below grade)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RESIDENTIAL	NON-
Sample Date	12/27/19	12/27/19	12/27/19	12/27/19	12/27/19	12/27/19	12/27/19	12/27/19	12/27/19	12/27/19		RESIDENTIAL
VOLATILE ORGANIC COMPOUNDS												
1,3,5-Trimethylbenzene	**271**	<1.0	**29.8**	**1410**	**67.2**	<1.0	**12.2**	<1.0	**104**	<1.0	**420**	**1200**
1,2,4-Trimethylbenzene	**1060**	**2.06**	**184**	**5000**	**181**	<1.0	**38.2**	<1.0	**428**	<1.0	**15**	**62**
Benzene	**2560**	<1.0	**23.4**	**2740**	**118**	<1.0	**7.33**	<1.0	**1100**	<1.0	**5**	**5**
Ethylbenzene	**1260**	**1.38**	**361**	**2290**	**98.8**	<1.0	**18.6**	<1.0	**580**	<1.0	**700**	**700**
Isopropylbenzene	<100	<1.0	**26.9**	<250	**13.4**	<1.0	**1.79**	<1.0	**35.5**	<1.0	**840**	**3500**
Methyl tert-butyl ether	**94**	<1.0	<1.75	**<87.5**	**65.8**	<1.0	**4.98**	**1.56**	**59.2**	**8.80**	**20**	**20**
Naphthalene	**632**	<1.0	**107**	**1250**	**29.9**	<1.0	**4.13**	<1.0	**251**	<1.0	**100**	**100**
Toluene	**3880**	<1.0	**18.0**	**4360**	87.1	<1.0	**22**	<1.0	**290**	<1.0	**1000**	**1000**
Xylenes	**5820**	**2.73**	**276**	**3650**	551	<2.0	**99.4**	<2.0	**1440**	<2.0	**10000**	**10000**

Sample I.D. (Field)	Groundwater Samples				
	MW-11	MW-12	MW-13	GW MSCs	GW MSCs
Sample Depth (Below grade)	NA	NA	NA	RESIDENTIAL	NON-
Sample Date	2/21/20	2/21/20	2/21/20		RESIDENTIAL
VOLATILE ORGANIC COMPOUNDS					
1,3,5-Trimethylbenzene	<1.0	**16.0**	<1.0	**420**	**1200**
1,2,4-Trimethylbenzene	<1.0	**47.8**	**2.68**	**15**	**62**
Benzene	**5.31**	**121**	**1.25**	**5**	**5**
Ethylbenzene	<1.0	**822**	**1.87**	**700**	**700**
Isopropylbenzene	<1.0	**73**	<1.0	**840**	**3500**
Methyl tert-butyl ether	**2.05**	<3.5	<1.0	**20**	**20**
Naphthalene	<1.0	**248**	**1.21**	**100**	**100**
Toluene	<1.0	<10.0	**1.72**	**1000**	**1000**
Xylenes	<2.0	**47.2**	**7.45**	**10000**	**10000**

Notes:

• <0.023= Parameter not detected at the detection limit.

22.4	Parameter exceeding Residential Standard
225.00	Parameter exceeding both Residential and Non-Residential Standard

• Medium-Specific Concentrations (MSCs) were established in the Technical Guidance Manual dated December 1997 and were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250,were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250, Administration of the Land Recycling Act ust 16, 1997, and as revised November 24, 2001.

Table 2
Groundwater Sample Analytical Results - Site Characterization
Park Station
Fort Littleton, Pennsylvania
Water Results in micrograms per liter (ug/L)

Sample I.D. (Field)	Groundwater Samples													GW MSCs	GW MSCs
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13		
Sample Depth (Below grade)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RESIDENTIAL	NON-
Sample Date	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20	3/12/20		RESIDENTIAL
VOLATILE ORGANIC COMPOUNDS															
1,3,5-Trimethylbenzene	**372**	**106**	**123**	**600**	<5.0	<1.0	<1.0	<1.0	**152**	<1.0	<1.0	**107**	**DRY**	**420**	**1200**
1,2,4-Trimethylbenzene	**1140**	**330**	**473**	**2100**	**9.15**	<1.0	<1.0	<1.0	**524**	<1.0	<1.0	**350**	—	**15**	**62**
Benzene	**2910**	**75**	**88.1**	**7110**	**56**	<1.0	**1.05**	<1.0	**1350**	<1.0	**5.85**	**257**	—	**5**	**5**
Ethylbenzene	**1300**	**155**	**599**	**4480**	<5.0	<1.0	<1.0	<1.0	**496**	<1.0	<1.0	**332**	—	**700**	**700**
Isopropylbenzene	**95.5**	**21.8**	**55.6**	**97.5**	<5.0	<1.0	<1.0	<1.0	**28**	<1.0	<1.0	**28.8**	—	**840**	**3500**
Methyl tert-butyl ether	**106**	<1.0	<1.75	<17.5	**3.55**	<1.0	**6.37**	<1.0	**54**	**13.6**	**1.29**	<3.5	—	**20**	**20**
Naphthalene	**426**	**59.1**	**200**	**504**	**12.7**	**1.55**	<1.0	<1.0	**203**	<1.0	<1.0	**113**	—	**100**	**100**
Toluene	**3540**	**152**	**166**	**4480**	<5.0	<1.0	<1.0	<1.0	**333**	<1.0	<1.0	**236**	—	**1000**	**1000**
Xylenes	**5320**	**761**	**1080**	**9500**	<10.0	<2.0	<2.0	<2.0	**2060**	<2.0	<2.0	**898**	—	**10000**	**10000**

Sample I.D. (Field)	Groundwater Samples													GW MSCs	GW MSCs
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13		
Sample Depth (Below grade)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RESIDENTIAL	NON-
Sample Date	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20	6/24/20		RESIDENTIAL
VOLATILE ORGANIC COMPOUNDS															
1,3,5-Trimethylbenzene	**410**	**6.45**	**86.2**		<5.00	<1.00	<1.00	<1.00	**253**	<1.00	<1.00	**222**	<1.00	**420**	**1200**
1,2,4-Trimethylbenzene	**1450**	**23.8**	**448**	**NOT**	<5.00	<1.00	<1.00	<1.00	**761**	<1.00	<1.00	**789**	<1.00	**15**	**62**
Benzene	**1980**	**8.85**	**21.5**	**SAMPLED**	**56.4**	<1.00	<1.00	<1.00	**612**	<1.00	**1.48**	**119**	<1.00	**5**	**5**
Ethylbenzene	**1520**	**16.5**	**674**	**PRODUCT**	**5.25**	<1.00	<1.00	<1.00	**560**	<1.00	<1.00	**374**	<1.00	**700**	**700**
Isopropylbenzene	**77.0**	<5.00	**46.9**	**ON**	<5.00	<1.00	<1.00	<1.00	**31.2**	<1.00	<1.00	**32.4**	<1.00	**840**	**3500**
Methyl tert-butyl ether	**77.0**	<1.75	<3.50	**WATER**	**28.2**	<1.00	**4.44**	<1.00	**21.2**	**12.5**	<1.00	<3.50	<1.00	**20**	**20**
Naphthalene	**506**	**12.9**	**272**	**SURFACE**	**5.70**	**1.03**	<1.00	<1.00	**233.0**	<1.00	<1.00	**209**	**1.99**	**100**	**100**
Toluene	**2780**	**12.6**	**27.1**		<5.00	<1.00	<1.00	<1.00	**281.0**	<1.00	<1.00	**150**	<1.00	**1000**	**1000**
Xylenes	**6710**	**65.1**	**534**		<10.0	<2.00	<2.00	<2.00	**2940**	<2.00	<2.00	**1400**	<2.00	**10000**	**10000**

Notes:
• <0.023= Parameter not detected at the detection limit.
22.4 Parameter exceeding Residential Standard
225.00 Parameter exceeding both Residential and Non-Residential Standard
• Medium-Specific Concentrations (MSCs) were established in the Technical Guidance Manual dated December 1997 and were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250,were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250, Administration of the Land Recycling Act ust 16, 1997, and as revised November 24, 2001.

Table 2
Groundwater Sample Analytical Results - Site Characterization
Park Station
Fort Littleton, Pennsylvania
Water Results in micrograms per liter (ug/L)

Sample I.D. (Field)	Groundwater Samples														
	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	MW-10	MW-11	MW-12	MW-13	GW MSCs	GW MSCs
Sample Depth (Below grade)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	RESIDENTIAL	NON-
Sample Date	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20	9/14/20		RESIDENTIAL
VOLATILE ORGANIC COMPOUNDS															
1,3,5-Trimethylbenzene	**391**	**1.80**	**37.7**	**718**	<5.0	<1.0	<1.0	<1.0	<25.0	<1.0	<1.0	<10.0	**DRY**	**420**	**1200**
1,2,4-Trimethylbenzene	**1460**	**5.57**	**212**	**3240**	<5.0	<1.0	<1.0	<1.0	**56**	<1.0	<1.0	**12.2**	—	**15**	**62**
Benzene	**2090**	**2.27**	**15.2**	**7940**	**15.2**	<1.0	<1.0	<1.0	**192**	<1.0	<1.0	**46.4**	—	**5**	**5**
Ethylbenzene	**1560**	**3.50**	**353**	**2170**	<5.0	<1.0	<1.0	<1.0	**99.5**	<1.0	<1.0	**169**	—	**700**	**700**
Isopropylbenzene	**72.5**	<1.0	**18.8**	**75.0**	<5.0	<1.0	<1.0	<1.0	<25.0	<1.0	<1.0	**12.3**	—	**840**	**3500**
Methyl tert-butyl ether	<25.0	<1.0	<10.0	<10.0	<5.0	<1.0	<1.0	**1.12**	<25.0	**14.3**	<1.0	<10.0	—	**20**	**20**
Naphthalene	**490**	**1.48**	**105**	**775**	**5.25**	<1.0	<1.0	<1.0	**50.5**	<1.0	<1.0	**71.7**	—	**100**	**100**
Toluene	**2380**	**3.14**	**11.3**	**3820**	<5.0	<1.0	<1.0	<1.0	<25.0	<1.0	<1.0	<10.0	—	**1000**	**1000**
Xylenes	**7980**	**14.1**	**287**	**12200**	<10.0	<2.0	<2.0	<2.0	**130**	<2.0	<2.0	<20.0	—	**10000**	**10000**

Notes:

• <0.023= Parameter not detected at the detection limit.

22.4	Parameter exceeding Residential Standard
225.00	Parameter exceeding both Residential and Non-Residential Standard

• Medium-Specific Concentrations (MSCs) were established in the Technical Guidance Manual dated December 1997 and were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250,were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250, Administration of the Land Recycling Act ust 16, 1997, and as revised November 24, 2001.

Table 3
Potable Water Sample Analytical Results
Park Station
Fort Littleton, Pennsylvania
Water Results in micrograms per liter (ug/L)

Sample I.D. (Field)	Groundwater Samples					
	Potable Water	Potable Water	Potable Water	Potable Water	**GW MSCs**	**GW MSCs**
Sample Depth (Below grade)	NA	NA	NA	NA	RESIDENTIAL	NON-
Sample Date	3/12/19	3/12/20	6/24/20	9/24/20		RESIDENTIAL
VOLATILE ORGANIC COMPOUNDS						
1,3,5-Trimethylbenzene	**6.06**	<1.0	**2.37**	<0.5	**420**	**1200**
1,2,4-Trimethylbenzene	**43**	<1.0	**24.7**	<0.5	**15**	**62**
Benzene	**6.99**	<1.0	**84.3**	<0.5	**5**	**5**
Ethylbenzene	**9.23**	<1.0	**45.2**	<0.5	**700**	**700**
Isopropylbenzene	**2.18**	**6.84**	**4.06**	<0.5	**840**	**3500**
Methyl tert-butyl ether	<1.0	**15.1**	**6.4**	<0.5	**20**	**20**
Naphthalene	**6.09**	<1.0	**10.4**	<0.5	**100**	**100**
Toluene	<1.0	<1.0	**1.8**	<0.5	**1000**	**1000**
Xylenes	**3.37**	<2.0	**8.56**	<1.0	**10000**	**10000**

Notes:

- <0.023= Parameter not detected at the detection limit.

22.4	Parameter exceeding Residential Standard
225.00	Parameter exceeding both Residential and Non-Residential Standard

- Medium-Specific Concentrations (MSCs) were established in the Technical Guidance manual dated December 1997 and were derived from the Non-Residential MSCs listed in Appendix A, Tables 3 and 4, of 25 PA Code Section 250, Administration of the Land Recycling Act (Act 2) dated August 16, 1997, and as revised November 24, 2001.

Table 4
Separate Phase Liquid Recovery
Park Station
Fort Littleton, PA

WELL ID	DATE	TOC ELEVATION (Feet ATBM)	DEPTH TO SPL (Feet)	DEPTH TO Water (Feet)	SPL THICKNESS (Feet)	ADJUSTED GW ELEVATION (Feet ATBM)	VOLUME SPL REMOVED (Gallons)	AMT OF SOCK FILLED	TOTAL DEPTH of WELL (Feet)
MW-4	06/24/20	748.80	23.31	23.60	0.29	23.39	0.25	--	33.80
	07/07/20	748.80	24.37	26.19	1.82	24.88	3.50	--	33.80
	07/21/20	748.80	24.55	24.87	0.32	24.64	0.25	--	33.80
	07/30/20	748.80	24.50	28.82	4.32	25.71	0.25	--	33.80
	08/04/20	748.80	21.50	21.50	0.00	21.50	0.00	0.50	33.80
	08/11/20	748.80	21.20	21.20	0.00	21.20	0.00	0.50	33.80
	08/20/20	748.80	21.71	21.71	0.00	21.71	0.00	0.50	33.80
	08/27/20	748.80	21.88	21.88	0.00	21.88	0.00	0.50	33.80
	09/10/20	748.80	21.45	21.45	0.00	0.00	0.00	0.50	33.80
	09/14/20	748.80	21.71	21.88	0.17	0.00	0.00	0.25	33.80
	09/24/20	748.80	22.00	21.88	-0.12	0.00	0.00	0.25	33.80
	09/29/20	748.80	21.80	21.88	0.08	0.00	0.00	0.25	33.80
	10/09/20	748.80	22.00	21.88	-0.12	0.00	0.00	0.50	33.80

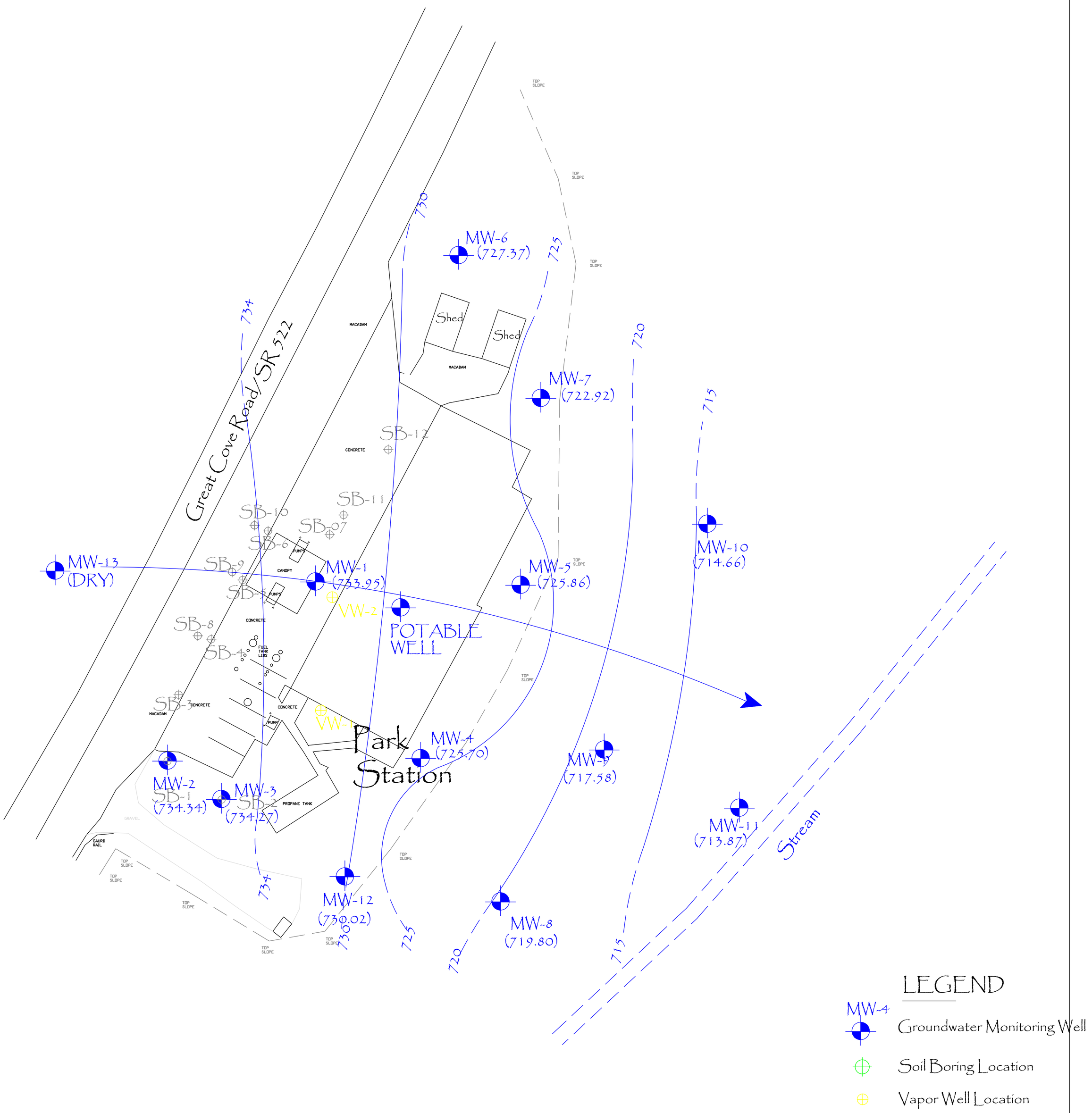
Notes:
- ATBM = Above Temporary Bench Mark.
- GW = Groundwater.
- TOC = Top of Casing.
- NG = Not Gauged.

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

ATTACHMENT A

Groundwater Contour Map
and
Isoconcentration Map



DATE: 10/27/202

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE

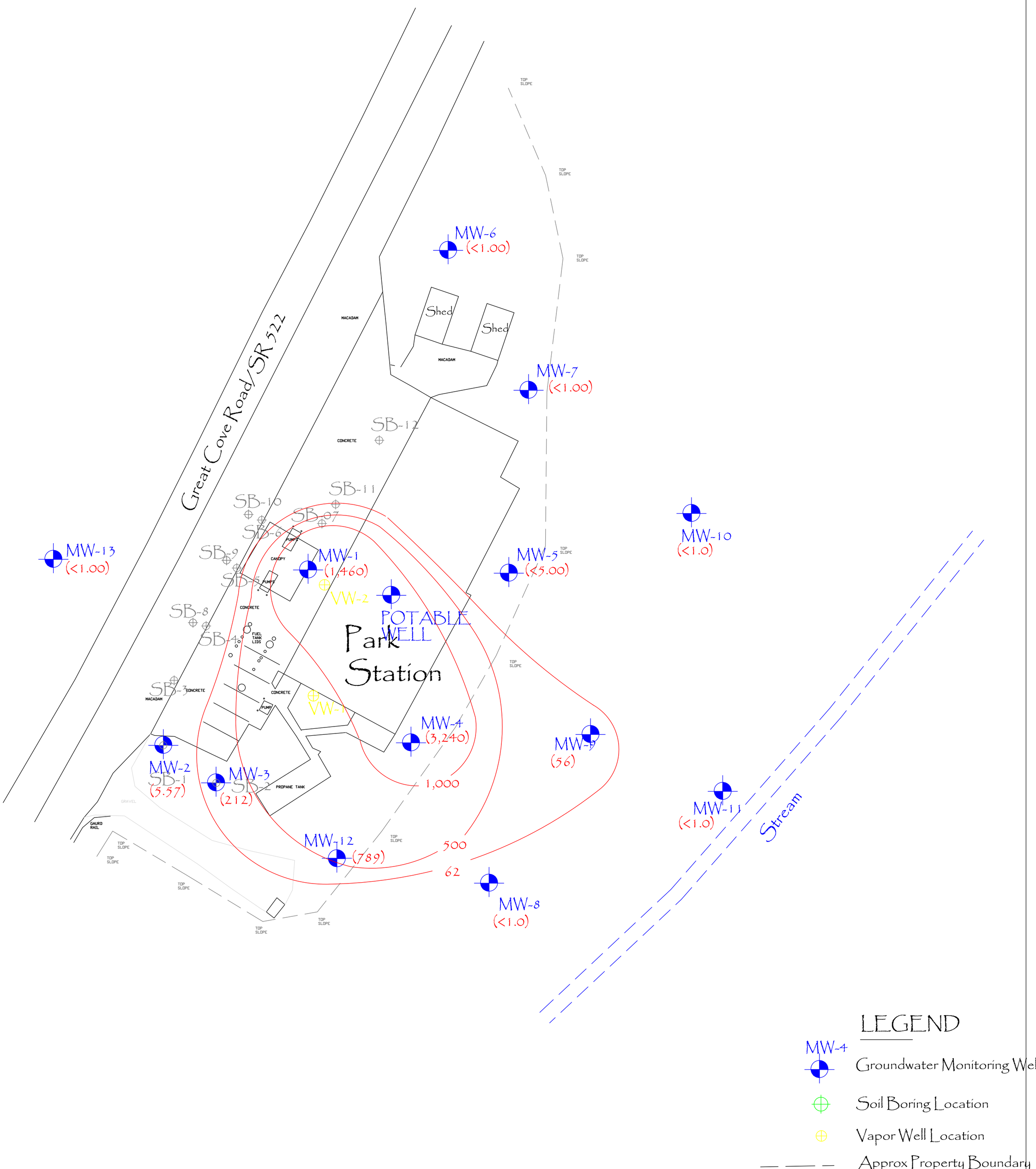
McKee Environmental, Inc.

REMEDIAL ACTION PL REPORT - 3rd Q 2020

GWC - SEPT 2020

PARK'S STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PA 17223-9636

86 QUARTZ DRIVE BELLEFONTE, PA 16823 (814) 380-7126



LEGEND

- MW-4 — Groundwater Monitoring Well
- Soil Boring Location
- Vapor Well Location
- Approx Property Boundary

DATE: 10/27/202

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE

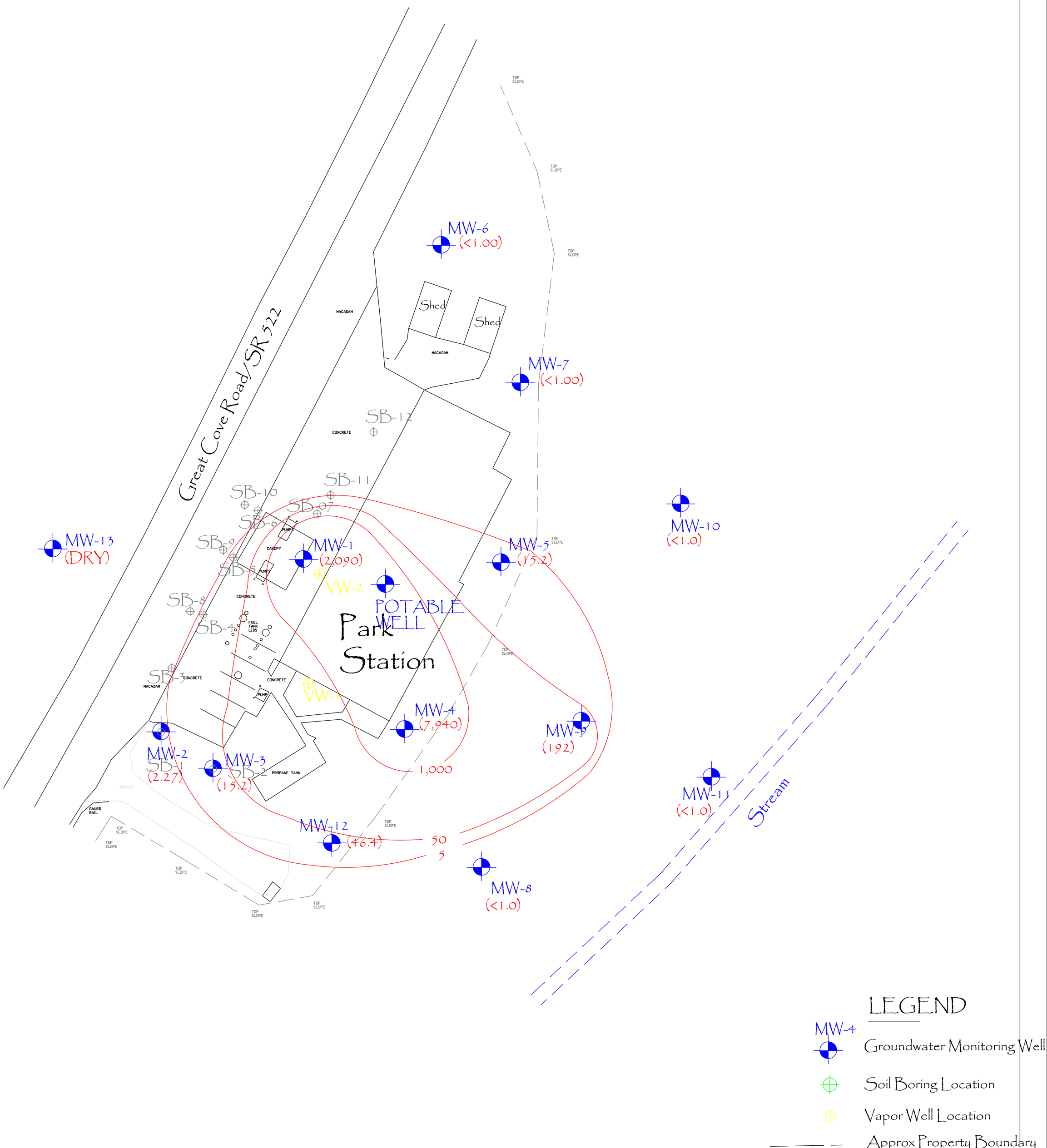
McKee Environmental, Inc.

REMEDIAL ACTION P
REPORT - 3rd Q 2020

ISOCON - 1,2,4-TMB

PARK'S STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PA 17223-9636

86 QUARTZ DRIVE BELLEFONTE, PA 16823 (814) 380-7126



DATE: 10/27/202

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE

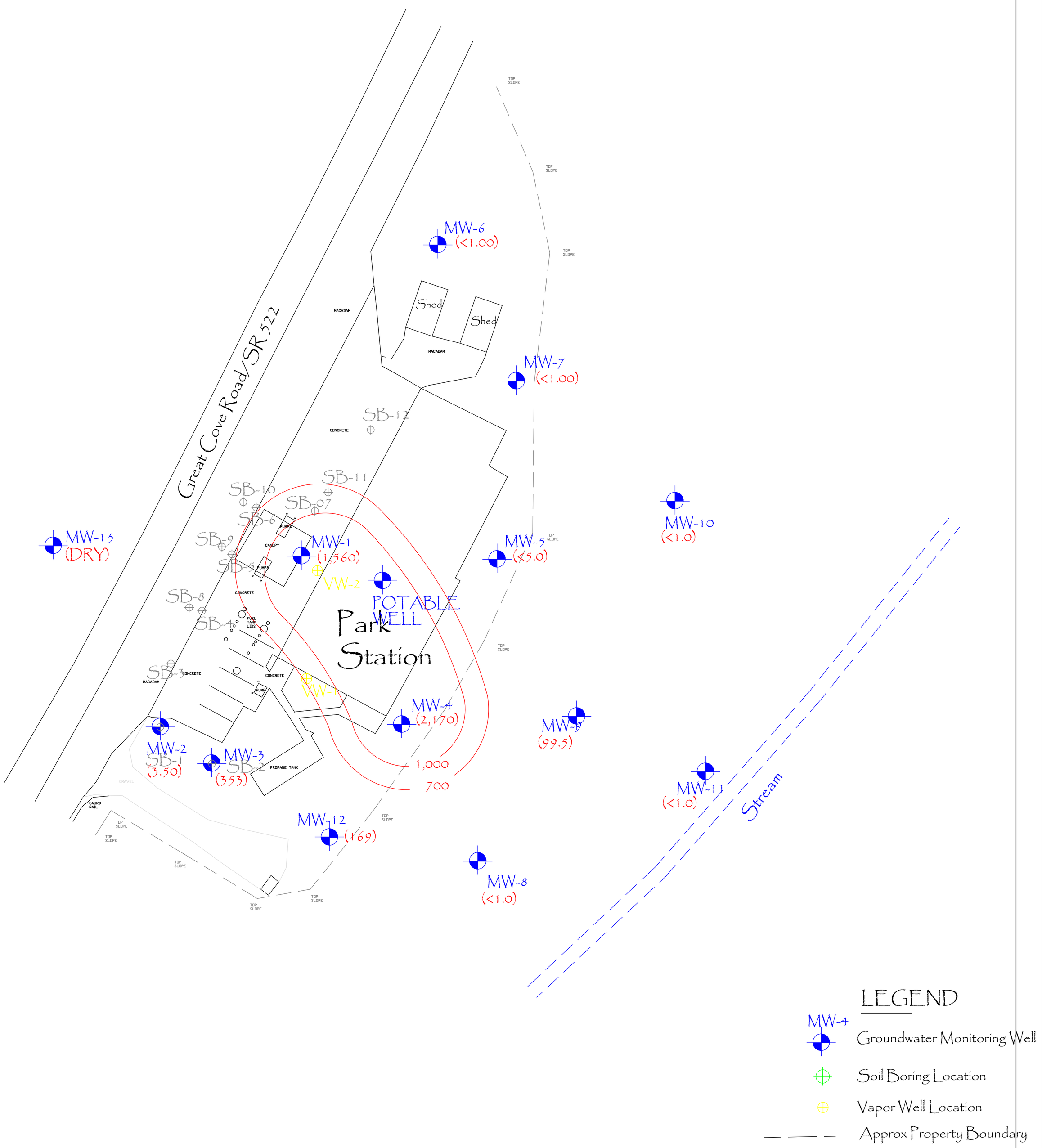
McKee Environmental, Inc.

REMEDIAL ACTION P
REPORT - 3RD Q 202

ISOCON - BENZENE

PARK'S STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PA 17223-9636

86 QUARTZ DRIVE BELLEFONTE, PA 16823 (814) 380-7126



LEGEND

- MW-4 — Groundwater Monitoring Well
- Soil Boring Location
- Vapor Well Location
- Approx Property Boundary

DATE:	10/27/202
DRAWN BY:	DSM
SCALE:	1" = 20'
	FIGURE

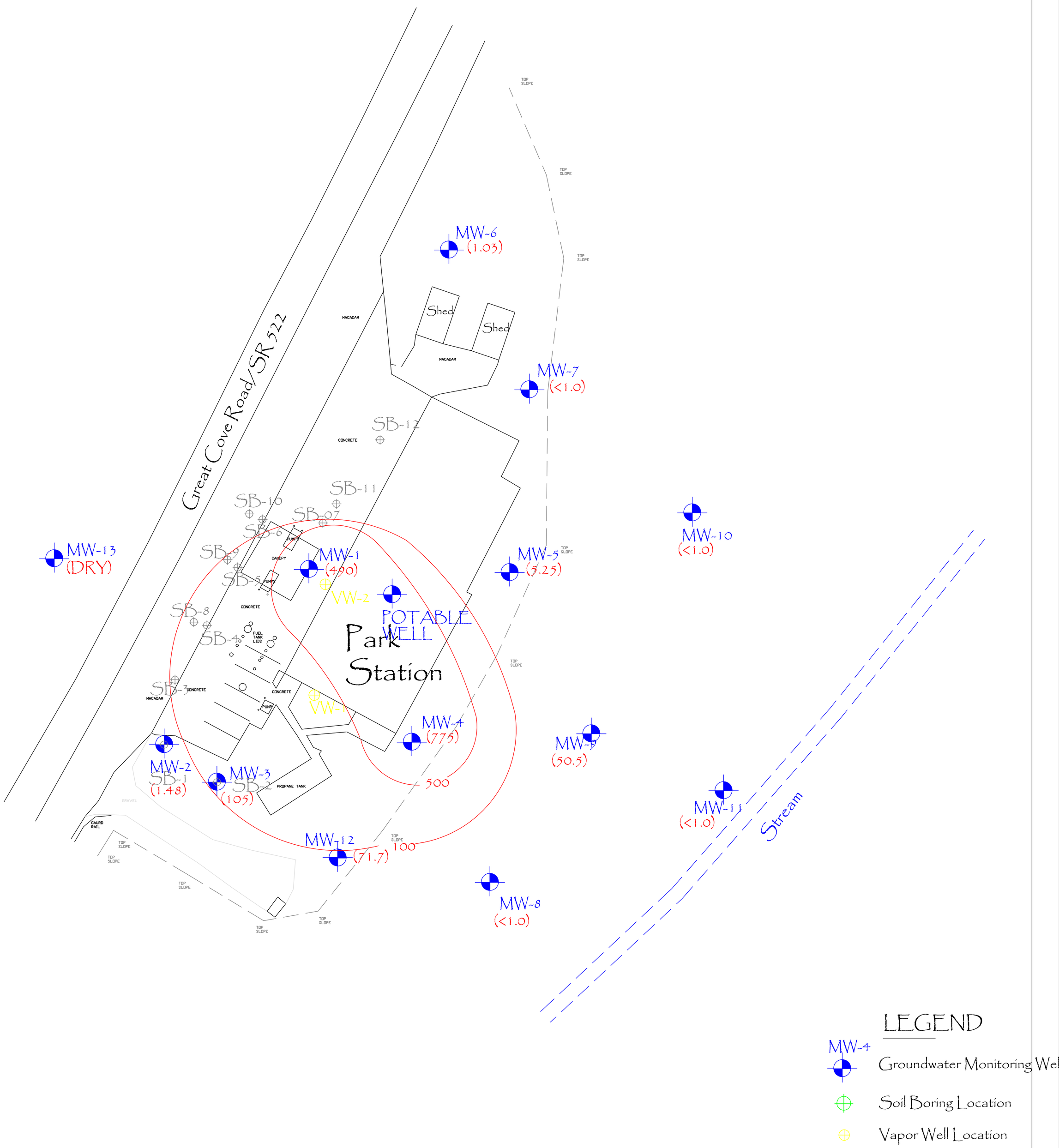
McKee Environmental, Inc.

REMEDIAL ACTION P
REPORT - 3RD Q 202

ISOCON - ETHYLBENZENE

PARK'S STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PA 17223-9636

86 QUARTZ DRIVE BELLEFONTE, PA 16823 (814) 380-7126



DATE: 10/27/202

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE

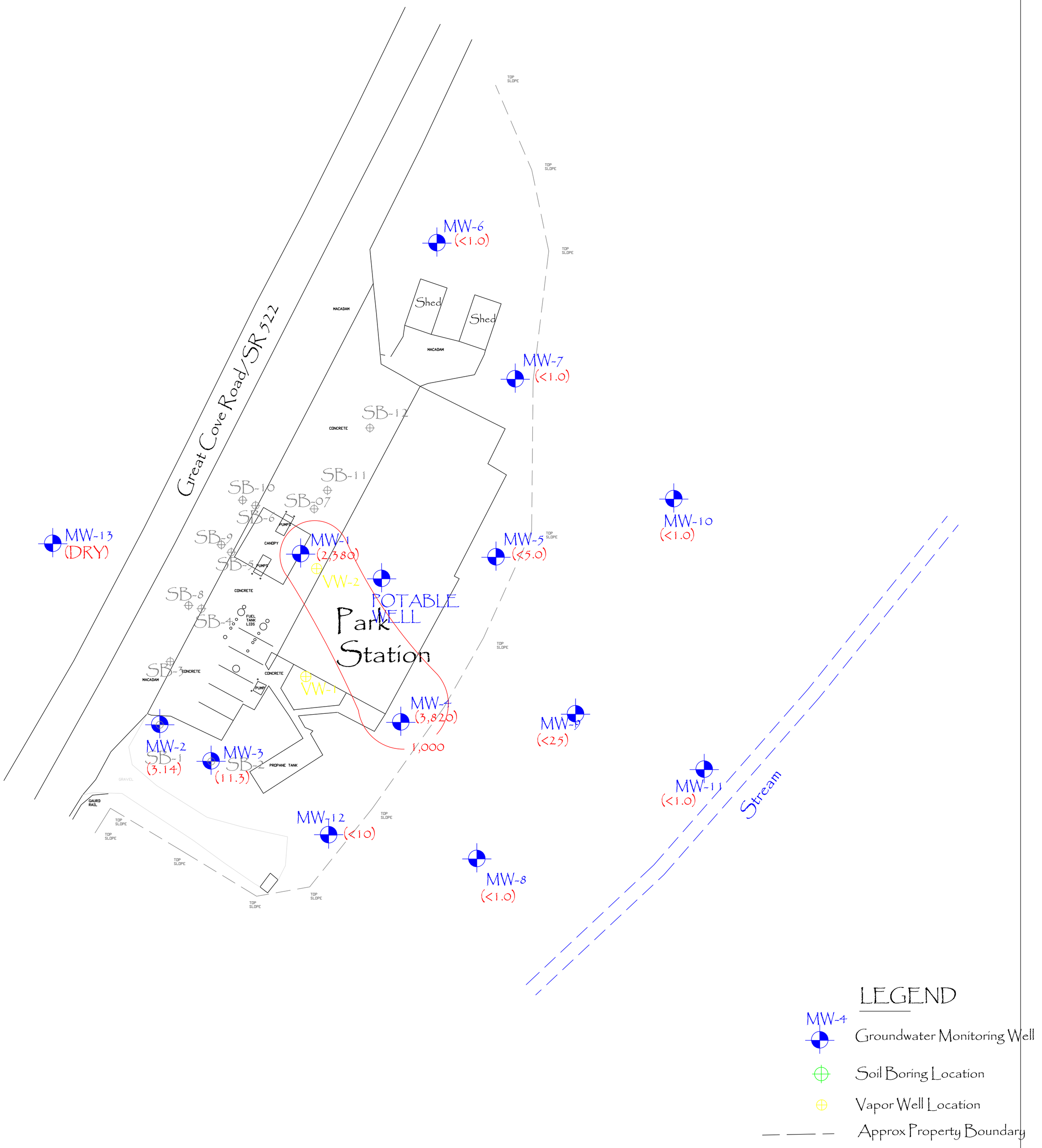
McKee Environmental, Inc.

REMEDIAL ACTION P
REPORT - 3RD Q 202

ISOCON - NAPHTHALENE

PARK'S STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PA 17223-9636

86 QUARTZ DRIVE BELLEFONTE, PA 16823 (814) 380-7126



DATE: 7/29/2020

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE

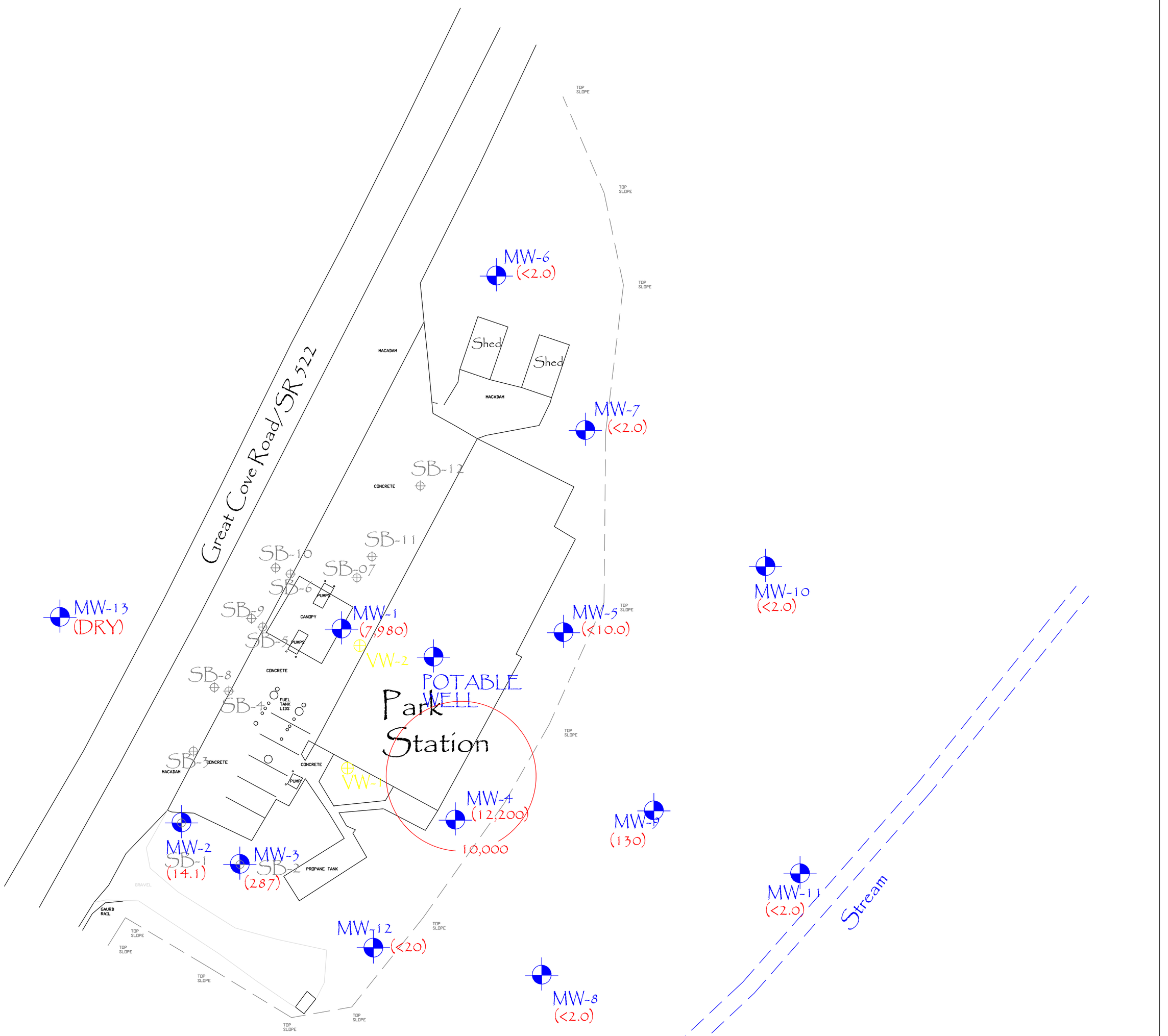
McKee Environmental, Inc.

REMEDIAL ACTION P
REPORT - 2ND Q 202

ISOCON - TOLUENE

PARK'S STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PA 17223-9636

86 QUARTZ DRIVE BELLEFONTE, PA 16823 (814) 380-7126



DATE: 10/27/202

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE

McKee Environmental, Inc.

REMEDIAL ACTION P
REPORT - 3RD Q 202

ISOCON - XYLENES

PARK'S STATION
29558 GREAT COVE ROAD
FORT LITTLETON, PA 17223-9636

86 QUARTZ DRIVE BELLEFONTE, PA 16823 (814) 380-7126

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

ATTACHMENT B

Groundwater Laboratory Analytical Data

2019 Ninth Avenue
PO Box 1925
Altoona, PA 16603
(814) 946-4306

NELAP: PA 07-062, VA 460212
State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

McKee Enviromental
86 Quartz Drive
Bellefonte PA, 16823
Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported:
09/29/20 11:34

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-6	0I17024-01	Water	Grab	09/14/20 11:00	09/15/20 13:45
MW-1	0I17024-02	Water	Grab	09/14/20 11:30	09/15/20 13:45
MW-2	0I17024-03	Water	Grab	09/14/20 12:00	09/15/20 13:45
MW-3	0I17024-04	Water	Grab	09/14/20 12:30	09/15/20 13:45
MW-12	0I17024-05	Water	Grab	09/14/20 13:00	09/15/20 13:45
MW-4	0I17024-06	Water	Grab	09/14/20 13:30	09/15/20 13:45
MW-5	0I17024-07	Water	Grab	09/14/20 14:00	09/15/20 13:45
MW-8	0I17024-08	Water	Grab	09/14/20 12:00	09/15/20 13:45
MW-9	0I17024-09	Water	Grab	09/14/20 12:30	09/15/20 13:45
MW-10	0I17024-10	Water	Grab	09/14/20 13:00	09/15/20 13:45
MW-11	0I17024-11	Water	Grab	09/14/20 13:30	09/15/20 13:45
MW-7	0I17024-12	Water	Grab	09/14/20 14:30	09/15/20 13:45

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
Laboratory Director

Fairway Labs in Altoona, PA is a NELAP (National Environmental Laboratory Accreditation Program) accredited lab, and as such, certifies that all applicable test results meet the requirements of NELAP, unless otherwise stated on the analytical report.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

2019 Ninth Avenue
PO Box 1925
Altoona, PA 16603
(814) 946-4306

NELAP: PA 07-062, VA 460212
State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

McKee Enviromental
86 Quartz Drive
Bellefonte PA, 16823
Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-6**

Date/Time Sampled: 09/14/20 11:00

Laboratory Sample ID: **0I17024-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	09/23/20 05:22	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*100 %*	*70-130*		*09/23/20 05:22*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*94.1 %*	*70-130*		*09/23/20 05:22*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*102 %*	*70-130*		*09/23/20 05:22*	*EPA 8260B*	JMG	

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Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-1**

Date/Time Sampled: 09/14/20 11:30

Laboratory Sample ID: **0I17024-02 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	391		25.0	ug/l	09/24/20 12:34	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	1460		25.0	ug/l	09/24/20 12:34	EPA 8260B	JMG	
Benzene	2090		25.0	ug/l	09/24/20 12:34	EPA 8260B	JMG	
Toluene	2380		25.0	ug/l	09/24/20 12:34	EPA 8260B	JMG	
Ethylbenzene	1560		25.0	ug/l	09/24/20 12:34	EPA 8260B	JMG	
Xylenes (total)	7980		500	ug/l	09/24/20 13:04	EPA 8260B	JMG	
Isopropylbenzene	72.5		25.0	ug/l	09/24/20 12:34	EPA 8260B	JMG	
Methyl tert-butyl ether	<25.0		25.0	ug/l	09/24/20 12:34	EPA 8260B	JMG	
Naphthalene	490		25.0	ug/l	09/24/20 12:34	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*94.3 %*	*70-130*		*09/24/20 12:34*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*108 %*	*70-130*		*09/24/20 12:34*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*104 %*	*70-130*		*09/24/20 12:34*	*EPA 8260B*	JMG	

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Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-2**

Date/Time Sampled: 09/14/20 12:00

Laboratory Sample ID: **0I17024-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	1.80		1.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	5.57		1.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
Benzene	2.27		1.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
Toluene	3.14		1.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
Ethylbenzene	3.50		1.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
Xylenes (total)	14.1		2.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
Naphthalene	1.48		1.00	ug/l	09/23/20 05:49	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*100 %*	*70-130*		*09/23/20 05:49*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*86.9 %*	*70-130*		*09/23/20 05:49*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*98.8 %*	*70-130*		*09/23/20 05:49*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-3**

Date/Time Sampled: 09/14/20 12:30

Laboratory Sample ID: **0I17024-04 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	37.7		10.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	212		10.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
Benzene	15.2		10.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
Toluene	11.3		10.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
Ethylbenzene	353		10.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
Xylenes (total)	287		20.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
Isopropylbenzene	18.8		10.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
Methyl tert-butyl ether	<10.0		10.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
Naphthalene	105		10.0	ug/l	09/24/20 13:33	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*89.1 %*	*70-130*		*09/24/20 13:33*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*105 %*	*70-130*		*09/24/20 13:33*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*103 %*	*70-130*		*09/24/20 13:33*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-12**

Date/Time Sampled: 09/14/20 13:00

Laboratory Sample ID: **0I17024-05 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	<10.0		10.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	12.2		10.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
Benzene	46.4		10.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
Toluene	<10.0		10.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
Ethylbenzene	169		10.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
Xylenes (total)	<20.0		20.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
Isopropylbenzene	12.3		10.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
Methyl tert-butyl ether	<10.0		10.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
Naphthalene	71.7		10.0	ug/l	09/24/20 14:04	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*88.6 %*	*70-130*		*09/24/20 14:04*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*		*09/24/20 14:04*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*102 %*	*70-130*		*09/24/20 14:04*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
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Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-4**

Date/Time Sampled: 09/14/20 13:30

Laboratory Sample ID: **0I17024-06 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	718		10.0	ug/l	09/24/20 14:34	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	3240		100	ug/l	09/24/20 15:03	EPA 8260B	JMG	
Benzene	7940		100	ug/l	09/24/20 15:03	EPA 8260B	JMG	
Toluene	3820		100	ug/l	09/24/20 15:03	EPA 8260B	JMG	
Ethylbenzene	2170		100	ug/l	09/24/20 15:03	EPA 8260B	JMG	
Xylenes (total)	12200		200	ug/l	09/24/20 15:03	EPA 8260B	JMG	
Isopropylbenzene	75.0		10.0	ug/l	09/24/20 14:34	EPA 8260B	JMG	
Methyl tert-butyl ether	<10.0		10.0	ug/l	09/24/20 14:34	EPA 8260B	JMG	
Naphthalene	775		10.0	ug/l	09/24/20 14:34	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*98.1 %*	*70-130*		*09/24/20 14:34*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*106 %*	*70-130*		*09/24/20 14:34*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*104 %*	*70-130*		*09/24/20 14:34*	*EPA 8260B*	JMG	

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Project Number: [none]
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Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-5**

Date/Time Sampled: 09/14/20 14:00

Laboratory Sample ID: **0I17024-07 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	<5.00		5.00	ug/l	09/24/20 15:34	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<5.00		5.00	ug/l	09/24/20 15:34	EPA 8260B	JMG	
Benzene	15.2		5.00	ug/l	09/24/20 15:34	EPA 8260B	JMG	
Toluene	<5.00		5.00	ug/l	09/24/20 15:34	EPA 8260B	JMG	
Ethylbenzene	<5.00		5.00	ug/l	09/24/20 15:34	EPA 8260B	JMG	
Xylenes (total)	<10.0		10.0	ug/l	09/24/20 15:34	EPA 8260B	JMG	
Isopropylbenzene	<5.00		5.00	ug/l	09/24/20 15:34	EPA 8260B	JMG	
Methyl tert-butyl ether	<5.00		5.00	ug/l	09/24/20 15:34	EPA 8260B	JMG	
Naphthalene	5.25		5.00	ug/l	09/24/20 15:34	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*88.4 %*	*70-130*		*09/24/20 15:34*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*		*09/24/20 15:34*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*99.5 %*	*70-130*		*09/24/20 15:34*	*EPA 8260B*	JMG	

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Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-8**

Date/Time Sampled: 09/14/20 12:00

Laboratory Sample ID: **0I17024-08 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
Methyl tert-butyl ether	1.12		1.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	09/23/20 06:17	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*103 %*	*70-130*		*09/23/20 06:17*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*99.5 %*	*70-130*		*09/23/20 06:17*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*99.1 %*	*70-130*		*09/23/20 06:17*	*EPA 8260B*	JMG	

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Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-9**

Date/Time Sampled: 09/14/20 12:30

Laboratory Sample ID: **0I17024-09 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	<25.0		25.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	56.0		25.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
Benzene	192		25.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
Toluene	<25.0		25.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
Ethylbenzene	99.5		25.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
Xylenes (total)	130		50.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
Isopropylbenzene	<25.0		25.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
Methyl tert-butyl ether	<25.0		25.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
Naphthalene	50.5		25.0	ug/l	09/24/20 16:04	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*88.5 %*	*70-130*		*09/24/20 16:04*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*104 %*	*70-130*		*09/24/20 16:04*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*99.7 %*	*70-130*		*09/24/20 16:04*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: **MW-10**

Date/Time Sampled: 09/14/20 13:00

Laboratory Sample ID: **0I17024-10 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
Methyl tert-butyl ether	14.3		1.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	09/23/20 06:45	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*101 %*	*70-130*		*09/23/20 06:45*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*		*09/23/20 06:45*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*95.7 %*	*70-130*		*09/23/20 06:45*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: MW-11

Date/Time Sampled: 09/14/20 13:30

Laboratory Sample ID: 0I17024-11 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	09/24/20 01:35	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*103 %*	*70-130*		*09/24/20 01:35*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*97.0 %*	*70-130*		*09/24/20 01:35*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*98.6 %*	*70-130*		*09/24/20 01:35*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 24

Reported: 09/29/20 11:34

Client Sample ID: MW-7

Date/Time Sampled: 09/14/20 14:30

Laboratory Sample ID: 0I17024-12 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.00		1.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	09/24/20 02:02	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*104 %*	*70-130*		*09/24/20 02:02*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*103 %*	*70-130*		*09/24/20 02:02*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*100 %*	*70-130*		*09/24/20 02:02*	*EPA 8260B*	JMG	

2019 Ninth Avenue
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NELAP: PA 07-062, VA 460212
State Certifications: MD 275, WV 364

FAIRWAY LABORATORIES
www.fairwaylaboratories.com

McKee Enviromental	Project:	PARK STATION	
86 Quartz Drive	Project Number:	[none]	**Reported:**
Bellefonte PA, 16823	Collector:	CLIENT	09/29/20 11:34
Project Manager: Doug McKee	Number of Containers:	24	

Notes

Q Sample was analyzed at a dilution. Reporting limits were adjusted accordingly.

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Project Manager: Doug McKee	Number of Containers:	24	

Definitions:

If surrogate values are not within the indicated range, then the results are considered to be estimated.

Reporting limits are adjusted accordingly when samples are analyzed at a dilution due to the matrix.

+ MBAS, calculated as LAS, mol wt 348

If the solid sample weight for VOC analysis does not fall within the 3.5-6.5 gram range, the results are considered estimated values.

Unless otherwise noted, all results for solids are reported on a dry weight basis.

Samples collected by Fairway Laboratories' personnel are done so in accordance with Standard Operating Procedures established by Fairway Laboratories.

The following analyses are to be performed immediately upon sampling: pH, sulfite, chlorine residual, dissolved oxygen, filtration for ortho phosphorus, and ferrous iron. The date and time reported reflect the time the samples were analyzed at the laboratory; and should be considered as analyzed outside the EPA holding time.

^ The following analytes are to be filtered immediately upon sampling: Hexavalent Chromium. Filtration through a 0.45 micron filter within 15 minutes of sampling is required for compliance with the Clean Water Act (CWA) for reporting of hexavalent chromium to prevent interconversion of chromium species.

***** **Analysis location indicator:**
D: Indicates analysis performed by Fairway Laboratories, Inc., 110 McCracken Run Rd., DuBois, PA 15801. PA DEP Chapter 252 certification: PA 33-00258.
E: Indicates analysis performed by Fairway Laboratories, Inc., 1920 East 38th Street, Erie, PA 16510. PA Registered Laboratory: PA 25-05907.
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< Represents "less than" - indicates that the result was less than the RL, or the MDL if indicated for the parameter.

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86 Quartz Drive	Project Number:	[none]	**Reported:**
Bellefonte PA, 16823	Collector:	CLIENT	09/29/20 11:34
Project Manager: Doug McKee	Number of Containers:	24	

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WARRANTY AND LIMITATION OF LIABILITY For services rendered, Fairway warrants that it will apply its best scientific knowledge and judgment and to employ its best level of effort consistent with professional standards within the environmental testing industry in performing the analytical services requested by its clients. We disclaim any other warranties, expressed or implied by law. Fairway does not accept any legal responsibility for the purposes for which client uses the test results.

LITIGATION All costs associated with compliance to any subpoena for documents, for testimony in a court of law, or for any other purpose relating to work performed by Fairway Laboratories, Inc. shall be invoiced by Fairway and paid by client. These costs shall include, but are not limited to, hourly charges for the persons involved, travel, mileage, and accommodations and for any and all other expenses associated with said litigation.

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FAIRWAY LABORATORIES
Environmental Laboratory
2019 9th Ave.
P.O. Box 1925
Altoona, PA 16602
Phone: (814) 946-4306
Fax: (814) 946-8791

Client Page # 1 of 2

Client Name: McKee Envirn
Address:
Contact:
Phone #:
Fax #:
Project Name: Parks Station
Quote/PO #:

Received on ice? Y N
Sample Temp:

Reportable to PADEP? Yes ☐
PWSID #

TAT: Normal ☒ Rush ☐
Rush TAT subject to pre-approval and surcharge.
Date Required: 9/14/2020

LAB USE ONLY
Work Order # 01/7024
Attach #
FLI Page # 1 of 3
Tracking #

Sample Description/Location	GRAB	Composite	Composite Start Date	Composite Start Time	GRAB -or- Composite End Date	GRAB -or- Composite End Time	Matrix: Solid	Matrix: Water	Matrix: Other	# of Containers	Analyses Requested: PADEP WI GRO Short List	Bottle Type/Comments
MW 0	X				9/14/20	1100		X		2	X	
MW 1						1130						
MW 2						1200						
MW3						1230						
MW 12						1300						
MW4						1330						
MW5						1400						
MW-8						1200						
MW-9						1230						
MW-10						1300						
MW-11						1330						

58
4.9
4.1
6.0
39
36
60
7.4
2.6
3.1
3.9
3.8
2.7

		Date	Time
Sampled by: (Signature)			
Relinquished by:		Date	Time
Relinquished by: 42	9/15/20	1150	
Relinquished by:		Date	Time

		Date	Time
Received by:			
Received by: 42		9/15/20	09:35
Received by:		9/15/20	1150
Received by:		9/15/20	1345

Remarks

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.

White Original - FLI File Canary - FLI Copy Pink - Customer Receipt Copy

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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FAIRWAY LABORATORIES
Environmental Laboratory

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P.O. Box 1925
Altoona, PA 16602
Phone: (814) 946-4306
Fax: (814) 946-8791

Client Page # 2 of 2

Client Name: McLee Enviro
Address:
Contact:
Phone #:
Fax #:
Project Name: Parks Station
Quote/PO #:

Received on ice? Y N
Sample Temp:

Reportable to PADEP? Yes ❑
PWSID #

TAT: Normal ☒ Rush ❑
Rush TAT subject to pre-approval and surcharge.
Date Required: 9/14/20

LAB USE ONLY
Work Order # 0E17024
Attach #
FLI Page # 2 of 3
Tracking #

Sample Description/Location	GRAB	Composite	Composite Start Date	Composite Start Time	GRAB -or- Composite End Date	GRAB -or- Composite End Time	Matrix: Solid	Matrix: Water	Matrix: Other	# of Containers	Analyses Requested: PADEP 14 GAS Short List	Bottle Type/Comments
MW-7	X				9/14/20	1430		X		2	X	3.8

Sampled by: (Signature)
Relinquished by:
Relinquished by:
Relinquished by:

Date	Time
9/15/20	1150

Received by:
Received by:
Received by:
Received by:

Date	Time
9/15/20	0935
9/15/20	1150
9/15/20	1345

Remarks

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SOP FLI0601-002 Attachment G Revision 26 Date: May 22, 2019 Page of

Chain of Custody Receiving Document

Page 3 of 3

Receiver: JOF

Date/Time of this check: 9/17/20 6:30 Client: McKee Enviro Lab # OI17024

Received on ICE? Y ☐ * **Sample Temperature when delivered to the Lab:** 6.0 °C **Acceptable?** Y ☐ * **or In cool down process?** ☐ *

(Not applicable for WV compliance)

Custody Seals? N Intact? —

Morning Temperature Verification <6°C (if applicable): ☑

COC/Labels on bottles agree? Y ☐* Correct containers for all the analysis requested? Y ☐ * Matrix: Water

COC #	Number and Type of BOTTLES										Comments
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS (Head space?)	Other ☐ *	Properly Preserved ☐ *	Bacti	☐ * Internal notification completed for deviations.
1							2 HCL		Y		
11							↓		↓		
12											

* DEVIATION PRESENT:	CLIENT CALLED:	CLIENT RESPONSE:
⊗ No Ice ( )	YES ( )	Proceed with analysis; qualify data ( )
⊗ Not at Proper Temperature ( )	By Whom:	Will Resample ( )
⊗ Wrong Container ( )		Provided Information ( )
⊗ Missing Information: ( )	_____ Date: _____	No Response; Proceed and qualified ( )
		Client Contact: _____ Date: _____

* Comments: _____

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McKee Enviromental
86 Quartz Drive
Bellefonte PA, 16823
Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 2

Reported:
10/02/20 07:07

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
POTABLE WATER	0I24242-01	Water	Grab	09/24/20 11:00	09/24/20 14:45

Fairway Laboratories, Inc.

Reviewed and Submitted by:

Michael P. Tyler
Laboratory Director

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McKee Enviromental
86 Quartz Drive
Bellefonte PA, 16823
Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 2

Reported: 10/02/20 07:07

Client Sample ID: **POTABLE WATER**

Date/Time Sampled: 09/24/20 11:00

Laboratory Sample ID: **0I24242-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Xylenes (total)	<1.00		1.00	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Benzene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Chlorobenzene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
1,2-Dichlorobenzene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
1,4-Dichlorobenzene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Carbon tetrachloride	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
1,2-Dichloroethane	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
1,1-Dichloroethene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
cis-1,2-Dichloroethene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
trans-1,2-Dichloroethene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
1,2-Dichloropropane	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Ethylbenzene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Methylene chloride	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Styrene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Tetrachloroethene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Toluene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
1,2,4-Trichlorobenzene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
1,1,2-Trichloroethane	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
1,1,1-Trichloroethane	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	

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86 Quartz Drive
Bellefonte PA, 16823
Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 2

Reported: 10/02/20 07:07

Client Sample ID: **POTABLE WATER**

Date/Time Sampled: 09/24/20 11:00

Laboratory Sample ID: **0I24242-01 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Purgeable Organic Compounds by EPA Method 524.2								
Trichloroethene	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Vinyl chloride	<0.500		0.500	ug/l	09/28/20 17:52	EPA 524.2/4.1	JMG	
Surrogate: 4-Bromofluorobenzene		*83.9 %*	*70-130*		*09/28/20 17:52*	*EPA 524.2/4.1*	JMG	
Surrogate: 1,2-Dichlorobenzene-d4		*84.4 %*	*70-130*		*09/28/20 17:52*	*EPA 524.2/4.1*	JMG	

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McKee Enviromental	Project:	PARK STATION	
86 Quartz Drive	Project Number:	[none]	**Reported:**
Bellefonte PA, 16823	Collector:	CLIENT	10/02/20 07:07
Project Manager: Doug McKee	Number of Containers:	2	

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86 Quartz Drive	Project Number:	[none]	**Reported:**
Bellefonte PA, 16823	Collector:	CLIENT	10/02/20 07:07
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CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

Please print. See back of COC for instructions/terms and conditions.

FAIRWAY LABORATORIES *Environmental Laboratory*

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Client Page # 1 of 1

Client Name: MCKEE ENVIRO
Address:
Contact: DOUG MCKEE
Phone #:
Fax #:
Project Name: PARK STATION
Quote/PO #:

Received on ice? Y (N)
Sample Temp: 24.4°C

Reportable to PADEP? Yes ☐
PWSID #

TAT: Normal ☒ Rush ☐
Rush TAT subject to pre-approval and surcharge.
Date Required: 9/24/20

LAB USE ONLY
Work Order # 01 24242
Attach # 1
FLI Page # 1 of 2
Tracking #

Sample Description/Location	GRAB	Composite	Composite Start: Start Date	Composite Start: Start Time	GRAB -or- Composite End: End Date	GRAB -or- Composite End: End Time	Matrix: Solid	Matrix: Water	Matrix: Other	# of Containers	Analyses Requested: PLEASE SEE ATTACHED LIST OF DW VOCS	Bottle Type/Comments
POTABLE WATER	X				9/24/20	1100		X		2	X	

Sampled by: (Signature)			Received by:	Date 9/24	Time 1545	Remarks
Relinquished by:	Date 9/24	Time 2:45	Received by:	Date	Time	
Relinquished by:	Date	Time	Received by:	Date	Time	
Relinquished by:	Date	Time	Received by:	Date	Time	

By relinquishing my sample to Fairway Laboratories, Inc., I hereby agree to the terms and conditions printed on the reverse.

White Original - FLI File Canary - FLI Copy Pink - Customer Receipt Copy

SOP FLI0601-002 Attachment G | Revision 26 | Date: May 22, 2019 | Page of #2

Chain of Custody Receiving Document

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Receiver: SH

Date/Time of this check: 9-24-20 14:46 Client: McKee Enviro Lab # 0J24242

Received on ICE? N ☐ * **Sample Temperature when delivered to the Lab:** 24.4 °C **Acceptable?** ___ ☐ * **or In cool down process?** ☐ *

(Not applicable for WV compliance)

Custody Seals? N Intact? – **Morning Temperature Verification <6°C (if applicable):** ☐

COC/Labels on bottles agree? Y ☐* Correct containers for all the analysis requested? Y ☐ * Matrix: water

COC #	Number and Type of BOTTLES										Comments
	Poly Non-Pres.	Poly H2SO4	Poly HNO3	Amber H2SO4	Amber Non-Pres.	Poly NaOH	VOCS (Head space?) HCl	Other ☐ *	Properly Preserved ☐ *	Bacti	☐ * Internal notification completed for deviations.
Potable water							2		–		

*** DEVIATION PRESENT:**
- ⊗ **No Ice** ( )
- ⊗ **Not at Proper Temperature** ( )
- ⊗ **Wrong Container** ( )
- ⊗ **Missing Information:** ( )

CLIENT CALLED:
YES ( )
By Whom: _____ **Date:** _____

CLIENT RESPONSE:
- **Proceed with analysis; qualify data** ( )
- **Will Resample** ( )
- **Provided Information** ( )
- **No Response; Proceed and qualified** ( )

Client Contact: _____ **Date:** _____

* Comments: _____

OI 24242 #3

VOLATILE ORGANIC CHEMICALS (VOCs):		
BENZENE	trans-1,2-DICHLOROETHYLENE	TOLUENE
CARBON TETRACHLORIDE	DICHLOROMETHANE	1,2,4-TRICHLOROBENZENE
o-DICHLOROBENZENE	1,2-DICHLOROPROPANE	1,1,1-TRICHLOROETHANE
para-DICHLOROBENZENE	ETHYLBENZENE	1,1,2-TRICHLOROETHANE
1,2-DICHLOROETHANE	MONOCHLOROBENZENE	TRICHLOROETHYLENE
1,1-DICHLOROETHYLENE	STYRENE	VINYL CHLORIDE (See NOTE)
cis-1,2-DICHLOROETHYLENE	TETRACHLOROETHYLENE	XYLENES (Total)
NOTE: Monitoring for vinyl chloride is only required when one or more of the following two-carbon compounds are detected: trichloroethylene, tetrachloroethylene, trans-1,2-dichloroethylene, cis-1,2-dichloroethylene, 1,2-dichloroethane, 1,1-dichloroethylene, 1,1,1-trichloroethane.		

SYNTHETIC ORGANIC CHEMICALS (SOCs):		
ALACHLOR	DIQUAT	METHOXYCHLOR
ATRAZINE	ENDOTHALL	OXAMYL (VYDATE)
BENZO(A)PYRENE	ETHYLENE DIBROMIDE (EDB)	PCBs[1]
CARBOFURAN	ENDRIN	PENTACHLOROPHENOL
CHLORDANE	GLYPHOSATE	PICLORAM
DALAPON	HEPTACHLOR	SIMAZINE
DI(2-ETHYLHEXYL) ADIPATE	HEPTACHLOR EPOXIDE	TOXAPHENE
DI(2-ETHYLHEXYL) PHTHALATE	HEXACHLOROBENZENE	2, 3, 7, 8-TCDD (DIOXIN)[1]
DIBROMOCHLOROPROPANE (DBCP)	HEXACHLOROCYCLOPENTADIENE	2, 4-D
DINOSEB	LINDANE	2, 4, 5-TP (SILVEX)
1. Monitoring for PCBs and/or dioxin is required when there is a contamination source within 1,000 feet of the new groundwater source. Provide details of the assessment in Public Water Supply Module 3A, Part U to support a finding of no sources of contamination.		

INORGANIC CHEMICALS (IOCs):		
ANTIMONY	CHROMIUM	NICKEL
ARSENIC	COPPER	NITRATE (as Nitrogen)
ASBESTOS (See NOTE)	CYANIDE (as free cyanide)	NITRITE (as Nitrogen)
BARIUM	FLUORIDE	SELENIUM
BERYLLIUM	LEAD	THALLIUM
CADMIUM	MERCURY	
NOTE: Monitoring for asbestos is required when DEP has reason to believe the source is vulnerable to contamination.		

RADIONUCLIDES:	
GROSS ALPHA	GROSS BETA (See NOTE)
RADIUM-226, RADIUM-228	URANIUM
NOTE: If the Gross Beta exceeds 50 pCi/L, analyze the same or equivalent sample to identify the major radioactive constituents present.	