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August 3, 2020

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

RE: Remedial Progress Report –2nd 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: June 24, 2020

Groundwater Monitoring and Sampling

Average Depth to Groundwater:	13.67 feet
Apparent Flow Direction:	Southeast
Hydraulic Gradient:	0.0941 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 June 24, 2020, MEI returned to the site to conduct a quarterly groundwater sampling event. A total of 12 of the 13 site groundwater monitoring wells and the site potable well were gauged, purged, and sampled. Groundwater monitoring well MW-4 was found with more than an inch of separate phase liquid (SPL) floating on the water surface and, therefore, was not purged or sampled. The two site vapor wells were also sampled during this event.

On July 7, 2020, MEI supervised the installation of pilot test wells for the proposed treatment system as designed by subcontractor EPS of Vermont of Harrisburg, Pennsylvania (EPS). The wells were installed in select locations between MW-4 and MW-12. Additionally, MEI gauged MW-4 to determine the volume of SPL. MEI found more than two feet of SPL floating on the water surface. Attempts were made to bail out as much SPL as possible and staged in an on-site drum.

MEI returned to the site on July 21st to again gauge MW-4. Approximately two inches of SPL was found. Again the SPL was bailed and stored in the on-site drum. MEI will continue to make weekly trips to remove the SPL from MW-4 as well as install floating absorbent socks. Please see **Table 6** for the SPL data.

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)**.

Results

The water levels rose in seven of the 13 site groundwater monitoring wells. Four of the six wells that had a decrease in groundwater elevation were the ones down over the bank behind the facility (MW-8 through MW-11). Site groundwater continues to migrate in a southeastern direction toward the Pa Turnpike, as shown in the attached groundwater contour diagram. The groundwater elevation in MW-4 is believed to be suppressed by the presence of the SPL.

According to the analytical report, MW-1 continues to exhibit the highest concentrations of fuel compounds as the source well. Groundwater monitoring well MW-13 had a sufficient amount of groundwater to collect a sample. The results all met their MSCs including Naphthalene as the only reportable compound. Concentrations of Naphthalene increased in each of the sampled wells. Please see **Table 2** for the tabulated data and Figure 4A-E for isoconcentration maps.

The potable well was sampled and the results show an increase in concentrations in seven of the nine compounds, including a significant increase in Benzene (84.3 ug/L vs. 6.99 ug/L). Please see **Table 4** for the tabulated data.

The vapor within VW-1 continues to show impact in a slight decline. Please see **Table 3** for the tabulated data.

Please see **Attachment B** for copies of the laboratory reports.

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-11. The SPL thickness observed on the water

surface within MW-4 has varied from an inch to two feet. The product will be bailed out on a weekly basis until a treatment system can be installed and operational.

A pilot test is planned to determine whether multi-phase extraction (MPE) is a feasible and cost effective remedial technology to address the petroleum hydrocarbon impacts at the facility. The planned pilot test is also intended to determine whether MPE will be able to sufficiently reduce dissolved-phase concentrations of PADEP short-list unleaded gasoline parameters in groundwater to demonstrate attainment of the Statewide Health Standard (SHS). The collected data will aid in the design a full-scale system given favorable pilot test results.

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

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

Figures

Figure 1 Site Location Map

Figure 2 Soil Boring and Well Location Map

Tables

Table 1 Groundwater Gauging Data

Table 2 Groundwater Analytical Data

Table 3 Soil Vapor Analytical Data

Table 4 Potable Well Analytical Data

Table 5 Separate Phase Liquid Data

Attachments

Attachment A Groundwater Contour Map / Isoconcentration Maps

Attachment B Groundwater Laboratory Data

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

FIGURES

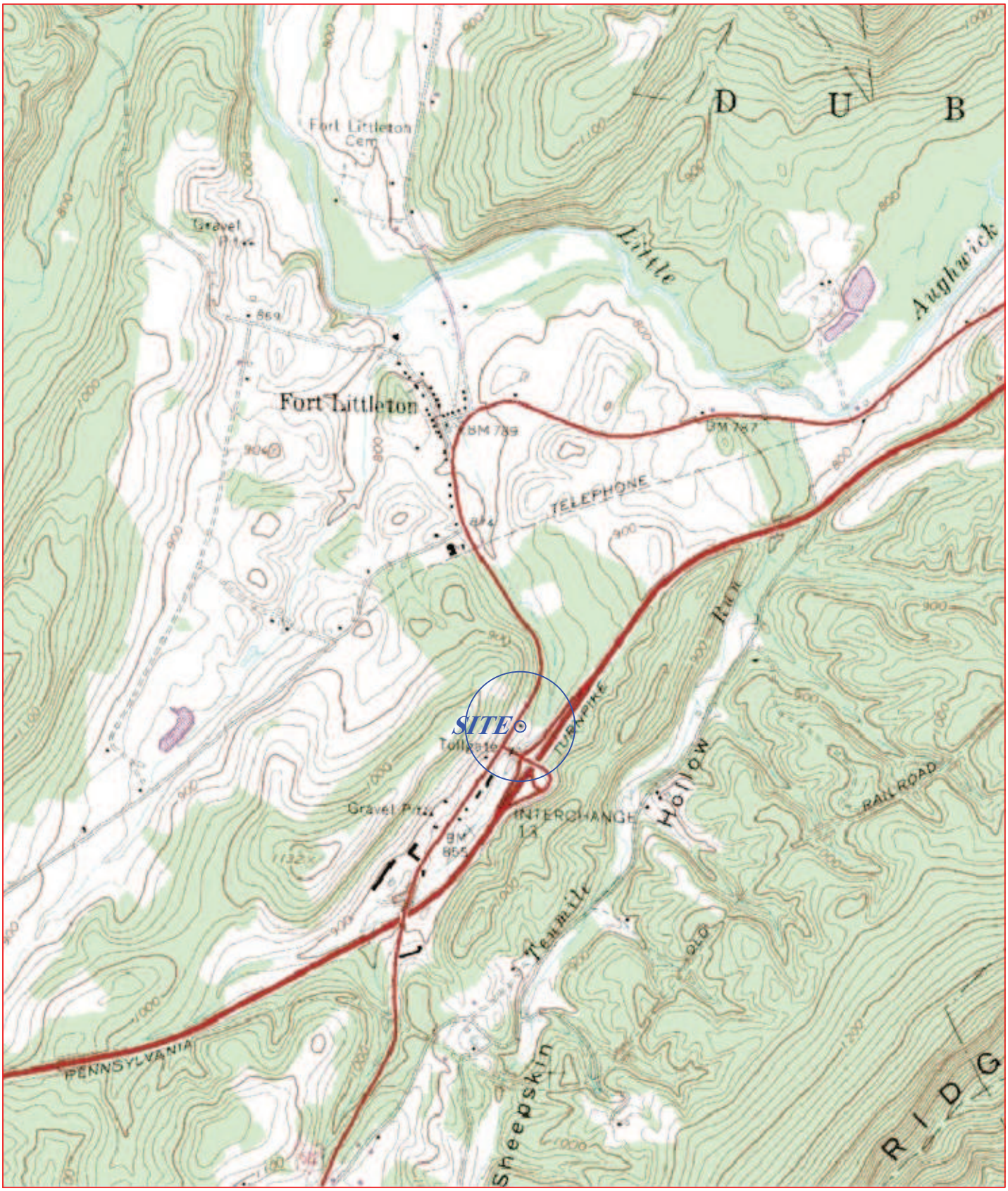

FIGURE 1

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 CHARACTERIZATIO

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)	Groundwater Depth Below Ground Surface	Change in Groundwater Elevation
MW-1	06/21/19	749.15	21.74	24.17	727.41	21.74	--
	07/08/19	749.15	12.65	24.17	736.50	12.65	9.09
	09/09/19	749.15	13.10	24.17	736.05	13.10	-0.45
	10/14/16	749.15	13.76	24.17	735.39	13.76	-0.66
	11/16/19	749.15	14.21	24.17	734.94	14.21	-0.45
	12/27/19	749.15	14.92	24.17	734.23	14.92	-0.71
	02/21/20	749.15	15.01	24.17	734.14	15.01	-0.09
	03/12/20	749.15	14.96	24.17	734.19	14.96	0.05
	04/07/20	749.15	14.80	24.17	734.35	14.80	0.16
	06/01/20	749.15	14.40	24.17	734.75	14.40	0.40
	06/24/20	749.15	14.28	24.17	734.87	14.28	0.12
MW-2	06/21/19	748.57	8.96	24.21	739.61	8.96	--
	07/08/19	748.57	9.63	24.21	738.94	9.63	-0.67
	09/09/19	748.57	11.45	24.21	737.12	11.45	-1.82
	10/14/16	748.57	12.22	24.21	736.35	12.22	-0.77
	11/16/19	748.57	13.89	24.21	734.68	13.89	-1.67
	12/27/19	748.57	12.52	24.21	736.05	12.52	1.37
	02/21/20	748.57	12.74	24.21	735.83	12.74	-0.22
	03/12/20	748.57	13.13	24.21	735.44	13.13	-0.39
	04/07/20	748.57	12.12	24.21	736.45	13.13	1.01
	06/01/20	748.57	11.61	24.21	736.96	13.13	0.51
	06/24/20	748.57	12.31	24.21	736.26	13.13	-0.70
MW-3	07/08/19	748.59	9.56	24.30	739.03	9.56	--
	09/09/19	748.59	11.92	24.30	736.67	11.92	-2.36
	10/14/16	748.59	12.38	24.30	736.21	12.38	-0.46
	11/16/19	748.59	13.00	24.30	735.59	13.00	-0.62
	12/27/19	748.59	13.08	24.30	735.51	13.08	-0.08
	02/21/20	748.59	13.08	24.30	735.51	13.08	0.00
	03/12/20	748.59	13.35	24.30	735.24	13.35	-0.27
	04/07/20	748.59	12.30	24.30	736.29	13.35	1.05
	06/01/20	748.59	11.97	24.30	736.62	13.35	0.33
	06/24/20	748.59	12.55	24.30	736.04	13.35	-0.58
MW-4	07/08/19	748.80	19.83	33.80	728.97	19.83	--
	09/09/19	748.80	20.17	33.80	728.63	20.17	-0.34
	10/14/16	748.80	20.56	33.80	728.24	20.56	-0.39
	11/16/19	748.80	21.19	33.80	727.61	21.19	-0.63
	12/27/19	748.80	21.74	33.80	727.06	21.74	-0.55
	02/21/20	748.80	22.22	33.80	726.58	22.22	-0.48
	03/12/20	748.80	22.33	33.80	726.47	22.33	-0.11
	04/07/20	748.80	21.52	33.80	727.28	22.33	0.81
	06/01/20	748.80	23.24	33.80	725.56	22.33	-1.72
	06/24/20	748.80	23.31	33.80	725.49	22.33	-0.07

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)	Groundwater Depth Below Ground Surface	Groundwater Depth Below Ground Surface
MW-5	07/08/19	748.22	20.73	34.00	727.49	20.73	--
	09/09/19	748.22	21.48	34.00	726.74	21.48	-0.75
	10/14/16	748.22	21.50	34.00	726.72	21.50	-0.02
	11/16/19	748.22	22.30	34.00	725.92	22.30	-0.80
	12/27/19	748.22	22.00	34.00	726.22	22.00	0.30
	02/21/20	748.22	22.24	34.00	725.98	22.24	-0.24
	03/12/20	748.22	22.53	34.00	725.69	22.53	-0.29
	04/07/20	748.22	21.89	34.00	726.33	22.53	0.64
	06/01/20	748.22	21.83	34.00	726.39	22.53	0.06
	06/24/20	748.22	21.16	34.00	727.06	22.53	0.67
MW-6	07/08/19	748.02	19.66	27.80	728.36	19.66	--
	09/09/19	748.02	19.68	27.80	728.34	19.68	-0.02
	10/14/16	748.02	19.71	27.80	728.31	19.71	-0.03
	11/16/19	748.02	19.73	27.80	728.29	19.73	-0.02
	12/27/19	748.02	19.82	27.80	728.20	19.82	-0.09
	02/21/20	748.02	19.85	27.80	728.17	19.85	-0.03
	03/12/20	748.02	19.94	27.80	728.08	19.94	-0.09
	04/07/20	748.02	19.44	27.80	728.58	19.94	0.50
	06/01/20	748.02	19.24	27.80	728.78	19.94	0.20
	06/24/20	748.02	19.46	27.80	728.56	19.94	-0.22
MW-7	07/08/19	747.76	23.23	31.94	724.53	23.23	--
	09/09/19	747.76	24.11	31.94	723.65	24.11	-0.88
	10/14/16	747.76	24.62	31.94	723.14	24.62	-0.51
	11/16/19	747.76	24.77	31.94	722.99	24.77	-0.15
	12/27/19	747.76	24.48	31.94	723.28	24.48	0.29
	02/21/20	747.76	24.72	31.94	723.04	24.72	-0.24
	03/12/20	747.76	24.95	31.94	722.81	24.95	-0.23
	04/07/20	747.76	24.25	31.94	723.51	24.95	0.70
	06/01/20	747.76	24.71	31.94	723.05	24.95	-0.46
	06/24/20	747.76	25.07	31.94	722.69	24.95	-0.36
MW-8	12/27/19	724.75	5.11	7.00	719.64	1.93	--
	02/21/20	724.75	5.71	7.00	719.04	2.53	-0.60
	03/12/20	724.75	4.70	7.00	720.05	1.52	1.01
	04/07/20	724.75	4.43	7.00	720.32	1.25	0.27
	06/01/20	724.75	4.41	7.00	720.34	1.23	0.02
	06/24/20	724.75	4.80	7.00	719.95	1.62	-0.39
MW-9	12/27/19	723.63	6.56	7.00	717.07	3.12	--
	02/21/20	723.63	5.61	7.00	718.02	2.17	0.95
	03/12/20	723.63	5.76	7.00	717.87	2.32	-0.15
	04/07/20	723.63	5.53	7.00	718.10	2.09	0.23
	06/01/20	723.63	5.58	7.00	718.05	2.14	-0.05
	06/24/20	723.63	6.22	7.00	717.41	2.78	-0.64
MW-10	12/27/19	719.32	7.51	7.00	711.81	4.29	--
	02/21/20	719.32	4.15	7.00	715.17	0.93	3.36
	03/12/20	719.32	4.22	7.00	715.10	1.00	-0.07
	04/07/20	719.32	4.18	7.00	715.14	0.96	0.04
	06/01/20	719.32	4.22	7.00	715.10	1.00	-0.04
	06/24/20	719.32	4.89	7.00	714.43	1.67	-0.67

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)	Groundwater Depth Below Ground Surface	Groundwater Depth Below Ground Surface
MW-11	02/21/20	718.85	4.66	5.00	714.19	1.48	--
	03/12/20	718.85	4.77	5.00	714.08	1.59	-0.11
	04/07/20	718.85	4.63	5.00	714.22	1.45	0.14
	06/01/20	718.85	5.05	5.00	713.80	1.87	-0.42
	06/24/20	718.85	5.11	5.00	713.74	1.93	-0.06
MW-12	02/21/20	747.72	16.82	23.00	730.90	16.82	--
	03/12/20	747.72	16.85	23.00	730.87	16.85	-0.03
	04/07/20	747.72	16.57	23.00	731.15	16.85	0.28
	06/01/20	747.72	16.65	23.00	731.07	16.85	-0.08
	06/24/20	747.72	16.82	23.00	730.90	16.85	-0.17
MW-13	02/21/20	753.68	11.50	11.50	742.18	10.24	--
	03/12/20	753.68	11.50	11.50	742.18	10.24	0.00
	04/07/20	753.68	6.38	11.50	747.30	5.12	5.12
	06/01/20	753.68	8.85	11.50	744.83	7.59	-2.47
	06/24/20	753.68	11.50	11.50	742.18	10.24	-2.65
Potable Well							

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

Change in Groundwater Elevation from Q
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0.00
0.00
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-0.98

Groundwater Depth Below Ground Surface
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-0.67

Groundwater Depth Below Ground Surface
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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														
	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	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														
	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	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 3
Vapor Intrusion Sample Analytical Results - Soil Vapor
Park Station
Fort Littleton, Fulton County, Pennsylvania
Soil Gas Results in micrograms per cubic meter (ug/m3)

	Vapor Well								Screening Values		
Sample I.D. (Field)	VW-1	VW-2	VW-1	VW-2	VW-1	VW-2	VW-1	VW-2	Screening Values	Screening Values	Screening Values
Sample Date	7/9/19	7/9/19	1/10/20	1/10/20	3/12/20	3/12/20	6/24/20	6/24/20	Residential	Non-Residential	Converted Res
									EPA TO-15	EPA TO-15	EPA TO-15
VOLATILE ORGANIC COMPOUNDS											
Benzene	<3,900	**11000**	<6,900	<2,700	**4100**	<74	**3000**	<7,800	**620**	**16000**	**3100**
Cumene	<3,800	<880	<7,100	<2,700	<4,100	<75	<1,600	<7,900	**83000**	**1800000**	**350000**
Ethylbenzene	<3,800	**7500**	<7,100	<2,700	<4,100	<75	<1,600	<7,900	**1900**	**49000**	**9800**
MTBE	<3,800	<880	<7,100	<2,700	<4,100	<75	<1,600	<7,900	**19000**	**470000**	**94000**
Toluene	<3,800	**1900**	<7,100	<2,700	<4,100	<75	<1,600	<7,900	**1000000**	**22000000**	**4400000**
1,2,4-TMB	<3,800	**2600**	<7,100	<2,700	<4,100	<75	<1,600	<7,900	**1500**	**31000**	**6100**
1,3,5-TMB	<3,800	**1300**	<6,900	<2,700	<4,000	<74	<1,600	<7,800	**1500**	**31000**	**6100**
m/p-Xylene	<3,800	**10000**	<14,000	<2,700	<8,300	<150	<3,300	<16,000	—	—	—
o-Xylene	<3,800	**1500**	<7,100	<2,700	<4,100	<75	<1,600	<7,900	—	—	—
Xylenes	<3,800	**11500**	<7,100	<2,700	<4,100	<75	<1,600	<7,900	**21000**	**440000**	**88000**
Naphthalene	—	—	—	—	<4,100	<75	<1,600	<7,900	**140**	**3600**	**720**

Notes:

- <0.19= Parameter not detected at the detection limit.
- Medium-Specific Concentrations (MSCs) were established in the Updated Vapor Guidance Manual dated December 2016: Table 3. Near-Source Soil Gas Statewide Health Standard Screening Values

Table 4
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	GW MSCs	GW MSCs
Sample Depth (Below grade)	NA	NA	NA	RESIDENTIAL	NON-RESIDENTIAL
Sample Date	3/12/19	3/12/20	6/24/20		
VOLATILE ORGANIC COMPOUNDS					
1,3,5-Trimethylbenzene	**6.06**	<1.0	**2.37**	**420**	**1200**
1,2,4-Trimethylbenzene	**43**	<1.0	**24.7**	**15**	**62**
Benzene	**6.99**	<1.0	**84.3**	**5**	**5**
Ethylbenzene	**9.23**	<1.0	**45.2**	**700**	**700**
Isopropylbenzene	**2.18**	**6.84**	**4.06**	**840**	**3500**
Methyl tert-butyl ether	<1.0	**15.1**	**6.4**	**20**	**20**
Naphthalene	**6.09**	<1.0	**10.4**	**100**	**100**
Toluene	<1.0	<1.0	**1.8**	**1000**	**1000**
Xylenes	**3.37**	<2.0	**8.56**	**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 5
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	23.10	0.25	--	33.80
	07/07/20	748.80	24.37	26.19	1.82	24.37	3.50	--	33.80
	07/21/20	748.80	24.55	24.87	0.32	24.55	0.25	--	33.80
	07/30/20	748.80	24.50	28.82	4.32	24.50	0.25	--	33.80
	08/04/20	748.80	21.50	21.50	0.00	21.50	0.00	0.50	33.80

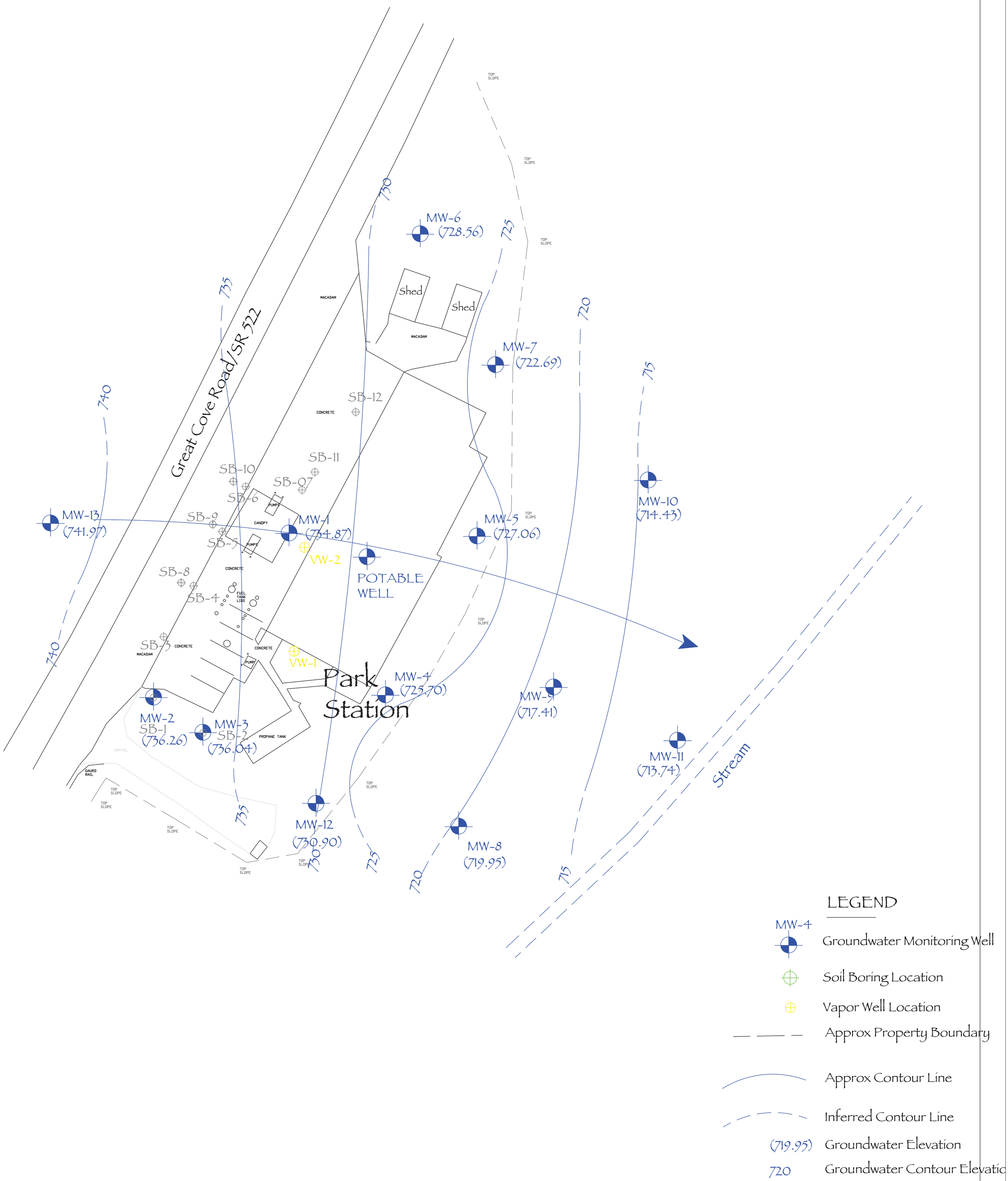
Notes:
- ATBM = Above Temporary Bench Mark.
- GW = Groundwater.
- TOC = Top of Casing.
- NG = Not Gauged.

REMEDIAL ACTION PROGRESS REPORT

Park Station
29558 Great Cove Road
Fort Littleton, Pennsylvania

ATTACHMENT A

Groundwater Contour Map
and
Isoconcentration Map



DATE:	8/10/2020
DRAWN BY:	DSM
SCALE:	1" = 20'
	FIGURE 3

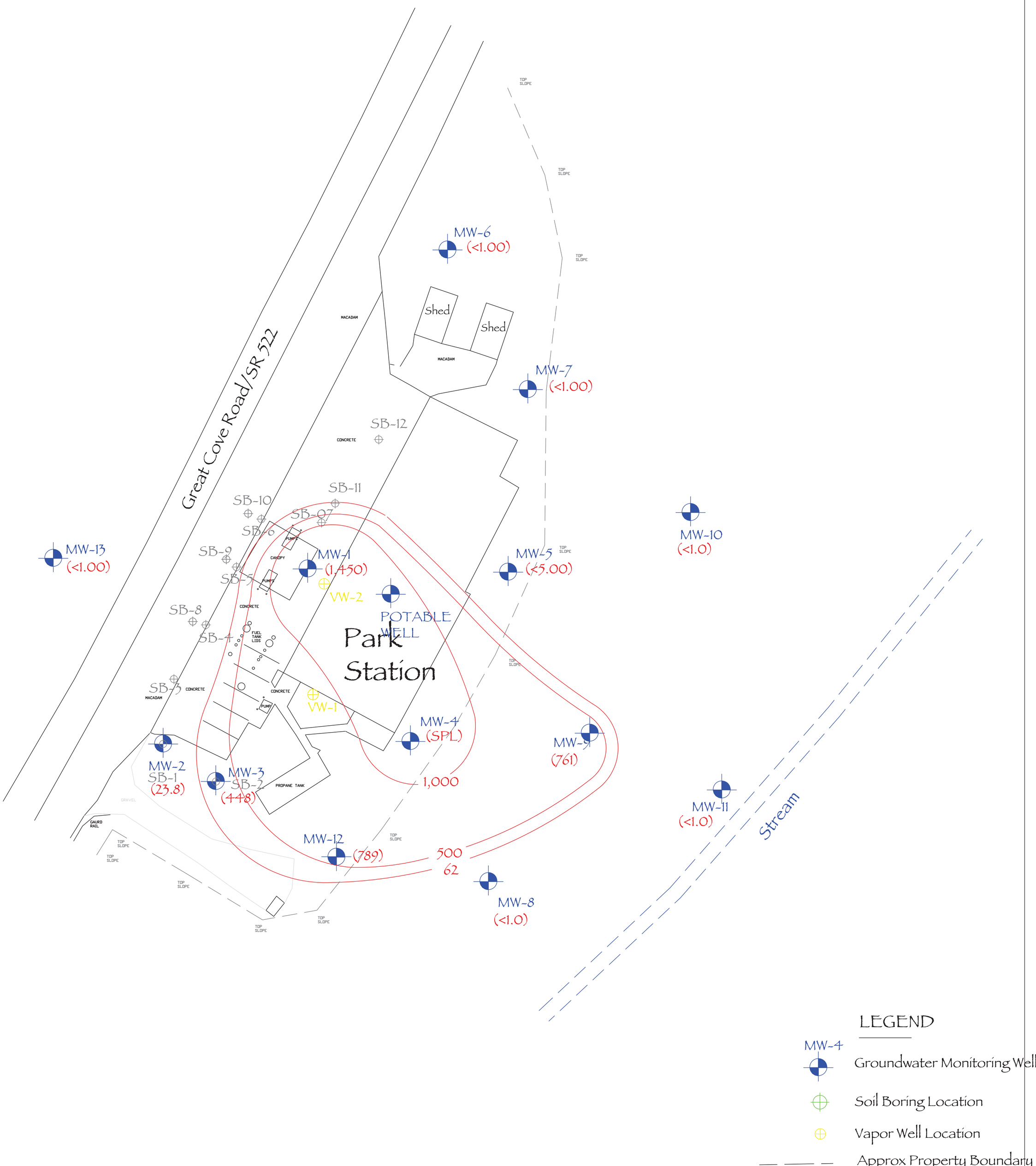
McKee Environmental, Inc.

REMEDIAL ACTION PROGR REPORT - 2ND Q 2020

GWC - JUNE 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: 7/29/2020

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE 4A

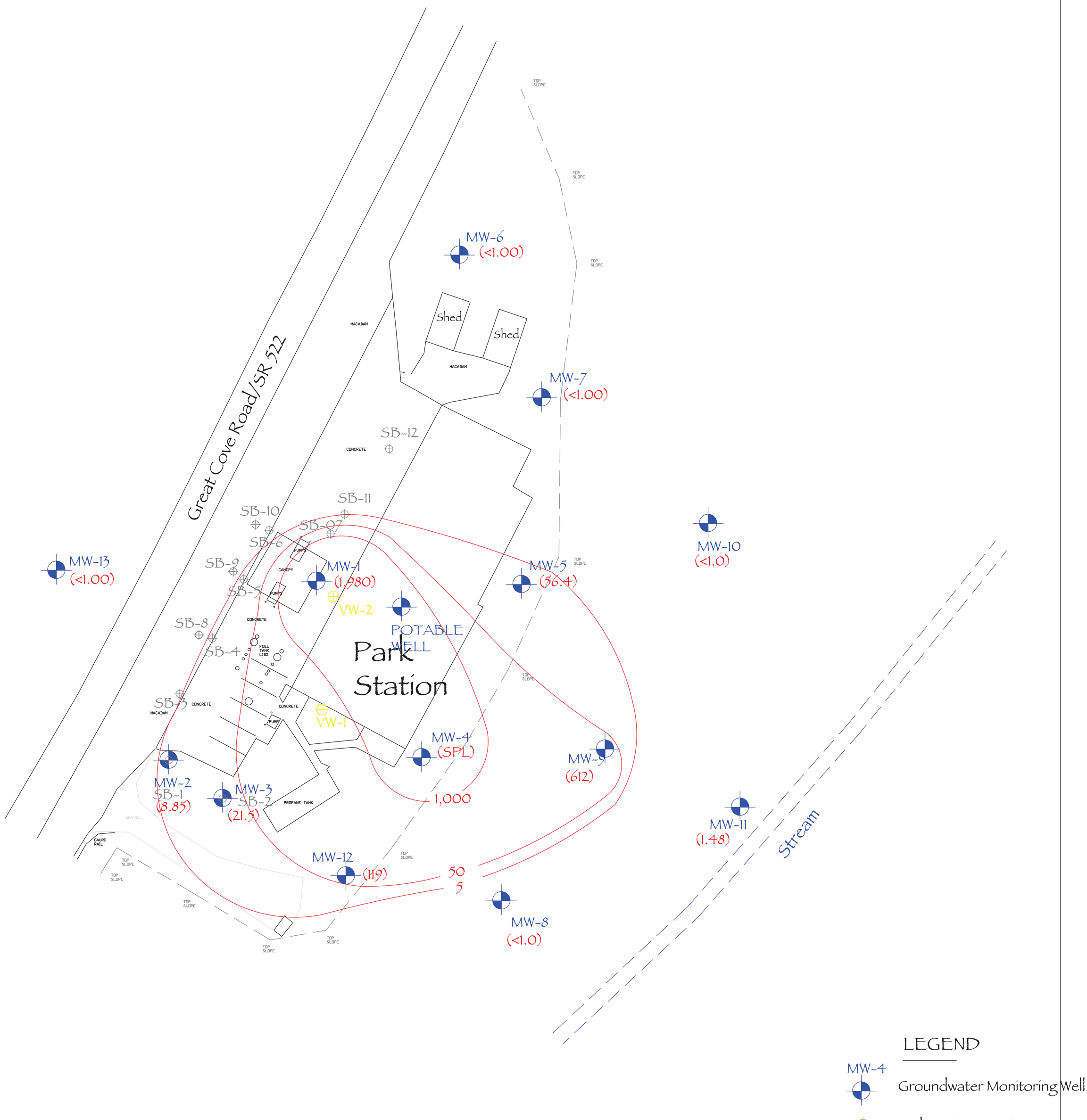
McKee Environmental, Inc.

REMEDIAL ACTION PROGR REPORT - 2ND 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: 7/29/2020

DRAWN BY: DSM

SCALE: 1" = 20'

FIGURE 4I

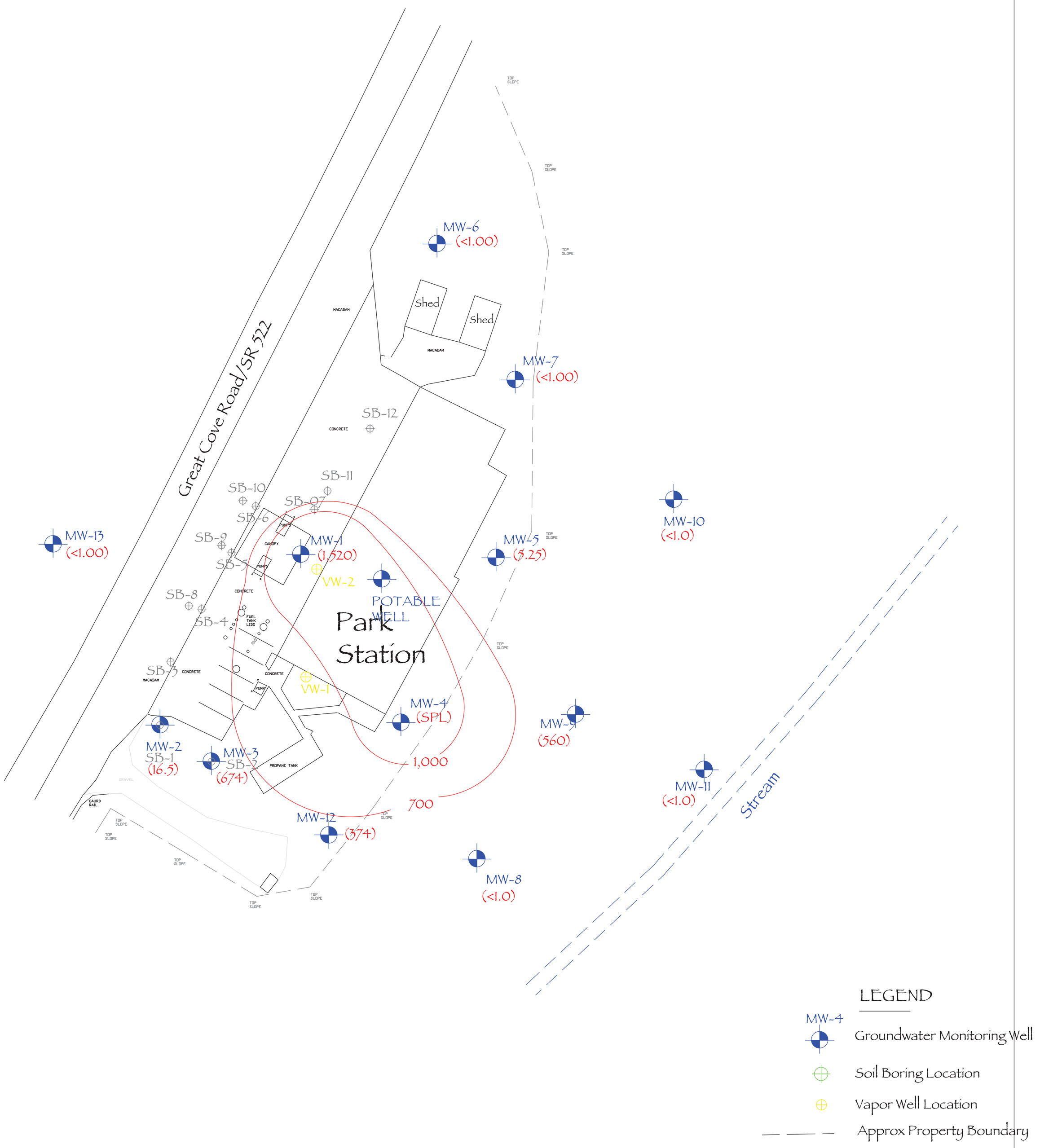
McKee Environmental, Inc.

REMEDIAL ACTION PROGR REPORT - 2ND Q 2020

ISOCON - BENZENE

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 4(

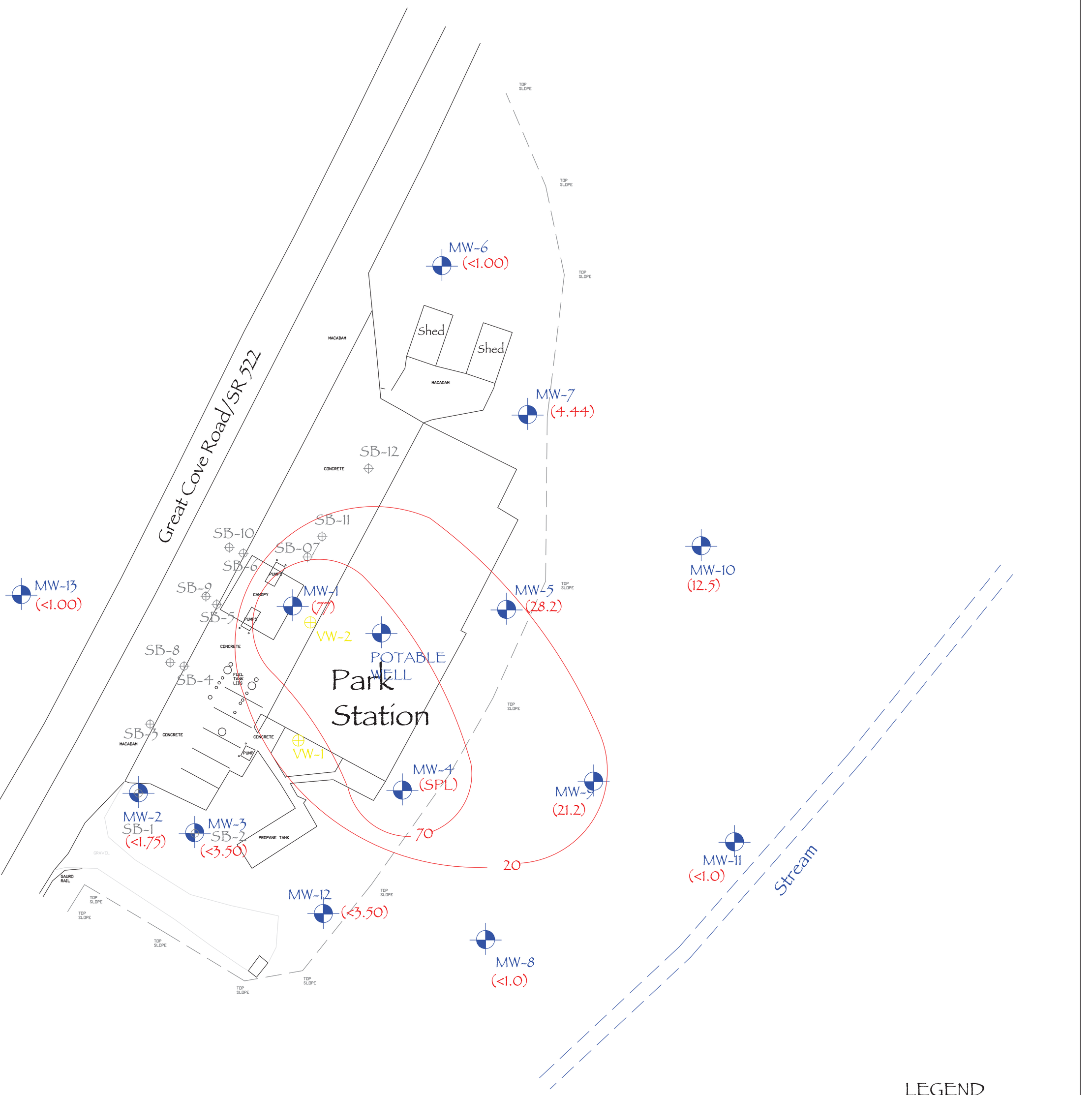
McKee Environmental, Inc.

REMEDIAL ACTION PROGR REPORT - 2ND Q 2020

ISOCON - ETHYLBENZENE

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 4I

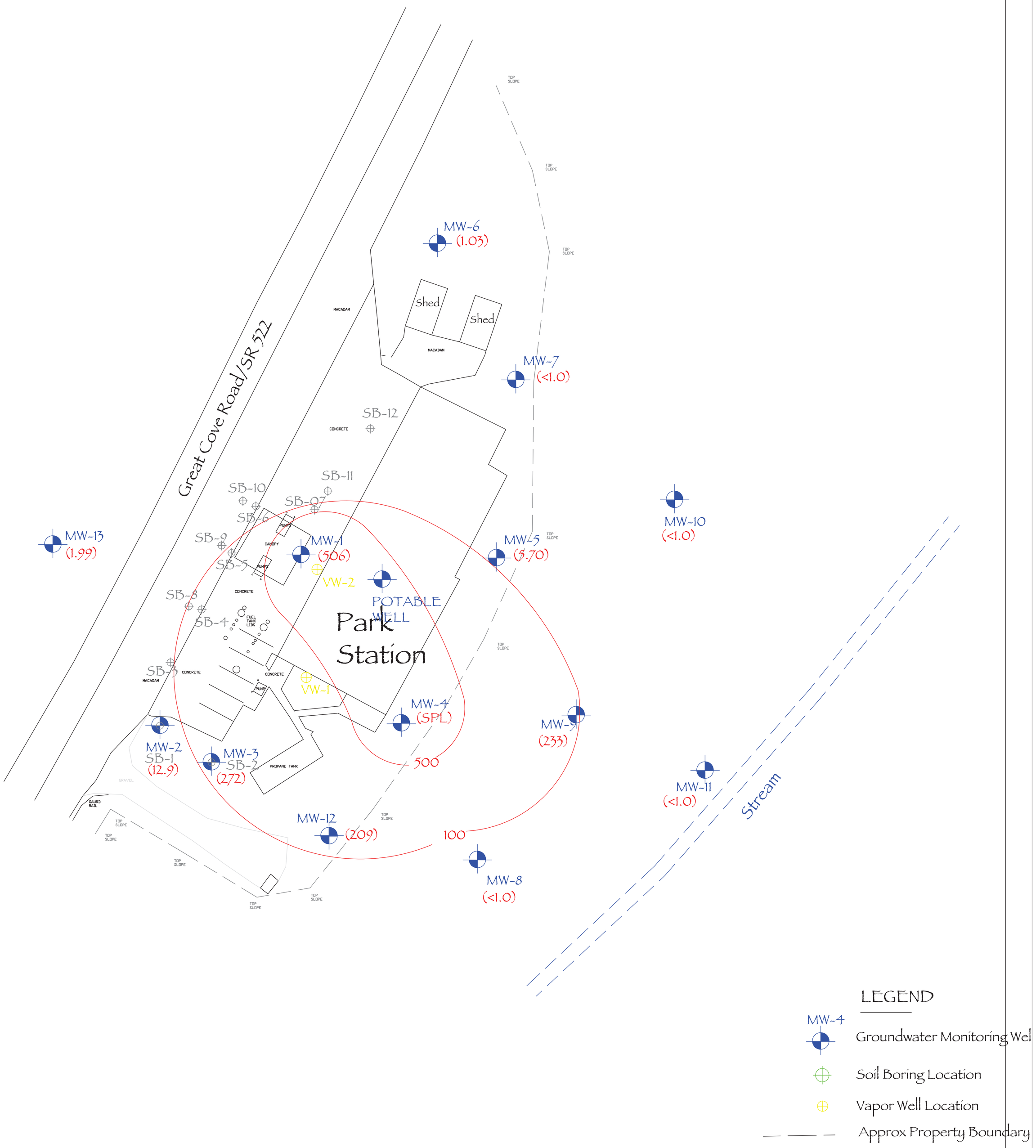
McKee Environmental, Inc.

REMEDIAL ACTION PROGR REPORT - 2ND Q 2020

ISOCON - MTBE

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 Wel
- Soil Boring Location
- Vapor Well Location
- Approx Property Boundary

DATE:	7/29/2020
DRAWN BY:	DSM
SCALE:	1" = 20'
	FIGURE 4I

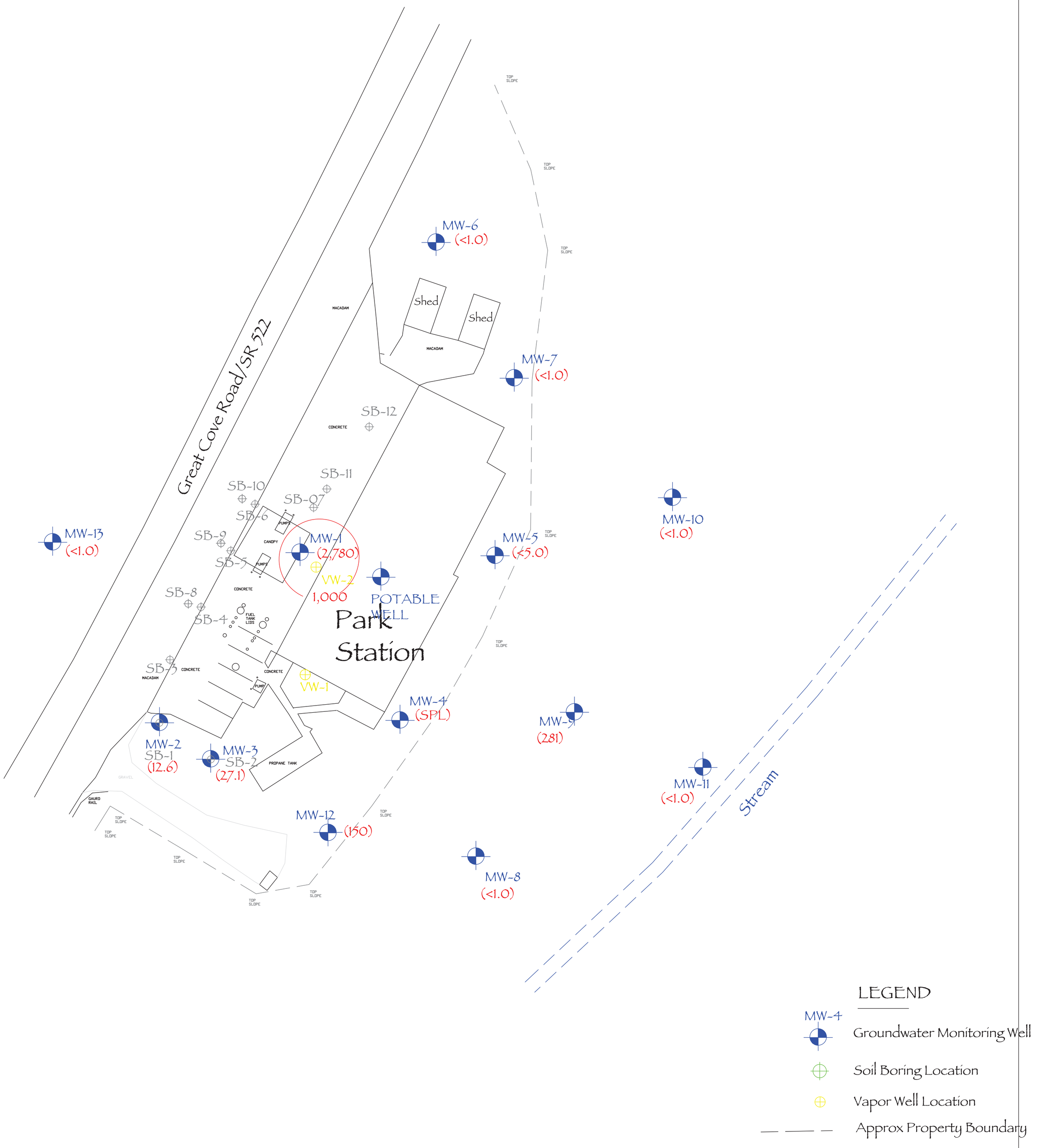
McKee Environmental, Inc.

REMEDIAL ACTION PROGR REPORT - 2ND Q 2020

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 4

McKee Environmental, Inc.

REMEDIAL ACTION PROGR REPORT - 2ND Q 2020

ISOCON - TOLUENE

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: 26

Reported:
07/10/20 16:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Sample Type	Date Sampled	Date Received
MW-6	0F26177-01	Water	Grab	06/24/20 11:30	06/25/20 13:05
MW-7	0F26177-02	Water	Grab	06/24/20 12:00	06/25/20 13:05
MW-5	0F26177-03	Water	Grab	06/24/20 12:30	06/25/20 13:05
MW-8	0F26177-04	Water	Grab	06/24/20 13:30	06/25/20 13:05
MW-9	0F26177-05	Water	Grab	06/24/20 14:00	06/25/20 13:05
MW-10	0F26177-06	Water	Grab	06/24/20 14:30	06/25/20 13:05
MW-11	0F26177-07	Water	Grab	06/24/20 15:00	06/25/20 13:05
MW-12	0F26177-08	Water	Grab	06/24/20 15:30	06/25/20 13:05
MW-13	0F26177-09	Water	Grab	06/24/20 16:00	06/25/20 13:05
MW-2	0F26177-10	Water	Grab	06/24/20 16:15	06/25/20 13:05
MW-1	0F26177-11	Water	Grab	06/24/20 16:30	06/25/20 13:05
MW-13	0F26177-12	Water	Grab	06/24/20 17:00	06/25/20 13:05
PW	0F26177-13	Water	Grab	06/24/20 17:30	06/25/20 13:05

Refer to receiving document. CR

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: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-6**

Date/Time Sampled: 06/24/20 11:30

Laboratory Sample ID: **0F26177-01 (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	07/08/20 16:26	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	07/08/20 16:26	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	07/08/20 16:26	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	07/08/20 16:26	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	07/08/20 16:26	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	07/08/20 16:26	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	07/08/20 16:26	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.00		1.00	ug/l	07/08/20 16:26	EPA 8260B	JMG	
Naphthalene	1.03		1.00	ug/l	07/08/20 16:26	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*107 %*	*70-130*		*07/08/20 16:26*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*95.2 %*	*70-130*		*07/08/20 16:26*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*96.7 %*	*70-130*		*07/08/20 16:26*	*EPA 8260B*	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: 26

Reported: 07/10/20 16:44

Client Sample ID: MW-7

Date/Time Sampled: 06/24/20 12:00

Laboratory Sample ID: 0F26177-02 (Water/Grab)

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
Methyl tert-butyl ether	4.44		1.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	07/08/20 16:55	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*106 %*	*70-130*		*07/08/20 16:55*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*91.4 %*	*70-130*		*07/08/20 16:55*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*103 %*	*70-130*		*07/08/20 16:55*	*EPA 8260B*	JMG	

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Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-5**

Date/Time Sampled: 06/24/20 12:30

Laboratory Sample ID: **0F26177-03 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	<5.00		5.00	ug/l	07/08/20 14:29	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<5.00		5.00	ug/l	07/08/20 14:29	EPA 8260B	JMG	
Benzene	56.4		5.00	ug/l	07/08/20 14:29	EPA 8260B	JMG	
Toluene	<5.00		5.00	ug/l	07/08/20 14:29	EPA 8260B	JMG	
Ethylbenzene	5.25		5.00	ug/l	07/08/20 14:29	EPA 8260B	JMG	
Xylenes (total)	<10.0		10.0	ug/l	07/08/20 14:29	EPA 8260B	JMG	
Isopropylbenzene	<5.00		5.00	ug/l	07/08/20 14:29	EPA 8260B	JMG	
Methyl tert-butyl ether	28.2		5.00	ug/l	07/08/20 14:29	EPA 8260B	JMG	
Naphthalene	5.70		5.00	ug/l	07/08/20 14:29	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*108 %*	*70-130*		*07/08/20 14:29*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*		*07/08/20 14:29*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*95.6 %*	*70-130*		*07/08/20 14:29*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-8**

Date/Time Sampled: 06/24/20 13:30

Laboratory Sample ID: **0F26177-04 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.00		1.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	07/08/20 23:53	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*94.6 %*	*70-130*		*07/08/20 23:53*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*99.3 %*	*70-130*		*07/08/20 23:53*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*102 %*	*70-130*		*07/08/20 23:53*	*EPA 8260B*	JMG	

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Project Manager: Doug McKee

Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-9**

Date/Time Sampled: 06/24/20 14:00

Laboratory Sample ID: **0F26177-05 (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	253		25.0	ug/l	07/08/20 13:03	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	761		25.0	ug/l	07/08/20 13:03	EPA 8260B	JMG	
Benzene	612		25.0	ug/l	07/08/20 13:03	EPA 8260B	JMG	
Toluene	281		25.0	ug/l	07/08/20 13:03	EPA 8260B	JMG	
Ethylbenzene	560		25.0	ug/l	07/08/20 13:03	EPA 8260B	JMG	
Xylenes (total)	2940		50.0	ug/l	07/08/20 13:03	EPA 8260B	JMG	
Isopropylbenzene	31.2		25.0	ug/l	07/08/20 13:03	EPA 8260B	JMG	
Methyl tert-butyl ether	21.2		8.75	ug/l	07/08/20 13:03	EPA 8260B	JMG	S
Naphthalene	233		25.0	ug/l	07/08/20 13:03	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*104 %*	*70-130*		*07/08/20 13:03*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*92.2 %*	*70-130*		*07/08/20 13:03*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*99.0 %*	*70-130*		*07/08/20 13:03*	*EPA 8260B*	JMG	

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Project Number: [none]
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Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-10**

Date/Time Sampled: 06/24/20 14:30

Laboratory Sample ID: **0F26177-06 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								B3
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
Methyl tert-butyl ether	12.5		1.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	07/09/20 00:23	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*92.3 %*	*70-130*		*07/09/20 00:23*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*100 %*	*70-130*		*07/09/20 00:23*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*103 %*	*70-130*		*07/09/20 00:23*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-11**

Date/Time Sampled: 06/24/20 15:00

Laboratory Sample ID: **0F26177-07 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								
1,3,5-Trimethylbenzene	<1.00		1.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	
Benzene	1.48		1.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	K
Toluene	<1.00		1.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.00		1.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	
Naphthalene	<1.00		1.00	ug/l	07/08/20 18:23	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*108 %*	*70-130*		*07/08/20 18:23*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*89.4 %*	*70-130*		*07/08/20 18:23*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*97.7 %*	*70-130*		*07/08/20 18:23*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-12**

Date/Time Sampled: 06/24/20 15:30

Laboratory Sample ID: **0F26177-08 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	222		10.0	ug/l	07/08/20 14:58	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	789		10.0	ug/l	07/08/20 14:58	EPA 8260B	JMG	
Benzene	119		10.0	ug/l	07/08/20 14:58	EPA 8260B	JMG	
Toluene	150		10.0	ug/l	07/08/20 14:58	EPA 8260B	JMG	
Ethylbenzene	374		10.0	ug/l	07/08/20 14:58	EPA 8260B	JMG	
Xylenes (total)	1400		20.0	ug/l	07/08/20 14:58	EPA 8260B	JMG	
Isopropylbenzene	32.4		10.0	ug/l	07/08/20 14:58	EPA 8260B	JMG	
Methyl tert-butyl ether	<3.50		3.50	ug/l	07/08/20 14:58	EPA 8260B	JMG	S
Naphthalene	209		10.0	ug/l	07/08/20 14:58	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*105 %*	*70-130*		*07/08/20 14:58*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*92.4 %*	*70-130*		*07/08/20 14:58*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*96.3 %*	*70-130*		*07/08/20 14:58*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-13**

Date/Time Sampled: 06/24/20 16:00

Laboratory Sample ID: **0F26177-09 (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	86.2		10.0	ug/l	07/08/20 15:27	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	448		10.0	ug/l	07/08/20 15:27	EPA 8260B	JMG	
Benzene	21.5		10.0	ug/l	07/08/20 15:27	EPA 8260B	JMG	
Toluene	27.1		10.0	ug/l	07/08/20 15:27	EPA 8260B	JMG	
Ethylbenzene	674		10.0	ug/l	07/08/20 15:27	EPA 8260B	JMG	
Xylenes (total)	534		20.0	ug/l	07/08/20 15:27	EPA 8260B	JMG	
Isopropylbenzene	46.9		10.0	ug/l	07/08/20 15:27	EPA 8260B	JMG	
Methyl tert-butyl ether	<3.50		3.50	ug/l	07/08/20 15:27	EPA 8260B	JMG	S
Naphthalene	272		10.0	ug/l	07/08/20 15:27	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*109 %*	*70-130*		*07/08/20 15:27*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*89.7 %*	*70-130*		*07/08/20 15:27*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*106 %*	*70-130*		*07/08/20 15:27*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-2**

Date/Time Sampled: 06/24/20 16:15

Laboratory Sample ID: **0F26177-10 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	6.45		5.00	ug/l	07/08/20 14:01	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	23.8		5.00	ug/l	07/08/20 14:01	EPA 8260B	JMG	
Benzene	8.85		5.00	ug/l	07/08/20 14:01	EPA 8260B	JMG	
Toluene	12.6		5.00	ug/l	07/08/20 14:01	EPA 8260B	JMG	
Ethylbenzene	16.5		5.00	ug/l	07/08/20 14:01	EPA 8260B	JMG	
Xylenes (total)	65.1		10.0	ug/l	07/08/20 14:01	EPA 8260B	JMG	
Isopropylbenzene	<5.00		5.00	ug/l	07/08/20 14:01	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.75		1.75	ug/l	07/08/20 14:01	EPA 8260B	JMG	S
Naphthalene	12.9		5.00	ug/l	07/08/20 14:01	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*106 %*	*70-130*		*07/08/20 14:01*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*98.7 %*	*70-130*		*07/08/20 14:01*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*98.0 %*	*70-130*		*07/08/20 14:01*	*EPA 8260B*	JMG	

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Project: PARK STATION
Project Number: [none]
Collector: CLIENT
Number of Containers: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-1**

Date/Time Sampled: 06/24/20 16:30

Laboratory Sample ID: **0F26177-11 (Water/Grab)**

Analyte	Result	MDL	RL	Units	Date / Time Analyzed	Analytical Method	* Analyst	Note
Volatile Organic Compounds by EPA Method 8260B/Prep Method 5030B								Q
1,3,5-Trimethylbenzene	410		50.0	ug/l	07/08/20 13:32	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	1450		50.0	ug/l	07/08/20 13:32	EPA 8260B	JMG	
Benzene	1980		50.0	ug/l	07/08/20 13:32	EPA 8260B	JMG	
Toluene	2780		50.0	ug/l	07/08/20 13:32	EPA 8260B	JMG	
Ethylbenzene	1520		50.0	ug/l	07/08/20 13:32	EPA 8260B	JMG	
Xylenes (total)	6710		100	ug/l	07/08/20 13:32	EPA 8260B	JMG	
Isopropylbenzene	77.0		50.0	ug/l	07/08/20 13:32	EPA 8260B	JMG	
Methyl tert-butyl ether	77.0		50.0	ug/l	07/08/20 13:32	EPA 8260B	JMG	
Naphthalene	506		50.0	ug/l	07/08/20 13:32	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*108 %*	*70-130*		*07/08/20 13:32*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*107 %*	*70-130*		*07/08/20 13:32*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*99.5 %*	*70-130*		*07/08/20 13:32*	*EPA 8260B*	JMG	

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(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: 26

Reported: 07/10/20 16:44

Client Sample ID: **MW-13**

Date/Time Sampled: 06/24/20 17:00

Laboratory Sample ID: **0F26177-12 (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	07/08/20 19:55	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	<1.00		1.00	ug/l	07/08/20 19:55	EPA 8260B	JMG	
Benzene	<1.00		1.00	ug/l	07/08/20 19:55	EPA 8260B	JMG	
Toluene	<1.00		1.00	ug/l	07/08/20 19:55	EPA 8260B	JMG	
Ethylbenzene	<1.00		1.00	ug/l	07/08/20 19:55	EPA 8260B	JMG	
Xylenes (total)	<2.00		2.00	ug/l	07/08/20 19:55	EPA 8260B	JMG	
Isopropylbenzene	<1.00		1.00	ug/l	07/08/20 19:55	EPA 8260B	JMG	
Methyl tert-butyl ether	<1.00		1.00	ug/l	07/08/20 19:55	EPA 8260B	JMG	
Naphthalene	1.99		1.00	ug/l	07/08/20 19:55	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*91.3 %*	*70-130*		*07/08/20 19:55*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*		*07/08/20 19:55*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*101 %*	*70-130*		*07/08/20 19:55*	*EPA 8260B*	JMG	

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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: 26

Reported: 07/10/20 16:44

Client Sample ID: **PW**

Date/Time Sampled: 06/24/20 17:30

Laboratory Sample ID: **0F26177-13 (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	2.37		1.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
1,2,4-Trimethylbenzene	24.7		1.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
Benzene	84.3		1.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
Toluene	1.80		1.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
Ethylbenzene	45.2		1.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
Xylenes (total)	8.56		2.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
Isopropylbenzene	4.06		1.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
Methyl tert-butyl ether	6.40		1.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
Naphthalene	10.4		1.00	ug/l	07/08/20 20:24	EPA 8260B	JMG	
Surrogate: 4-Bromofluorobenzene		*97.0 %*	*70-130*		*07/08/20 20:24*	*EPA 8260B*	JMG	
Surrogate: 1,2-Dichloroethane-d4		*102 %*	*70-130*		*07/08/20 20:24*	*EPA 8260B*	JMG	
Surrogate: Fluorobenzene		*101 %*	*70-130*		*07/08/20 20:24*	*EPA 8260B*	JMG	

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FAIRWAY LABORATORIES
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McKee Enviromental	Project:	PARK STATION	
86 Quartz Drive	Project Number:	[none]	**Reported:**
Bellefonte PA, 16823	Collector:	CLIENT	07/10/20 16:44
Project Manager: Doug McKee	Number of Containers:	26	

Notes

B3	This sample was analyzed outside the EPA holding time.
K	The RPD result exceeded the quality control limits for the duplicate, Laboratory Control Sample Duplicate (LCSD), or Matrix Spike Duplicate (MSD) sample analyzed with the preparation batch.
Q	Sample was analyzed at a dilution. Reporting limits were adjusted accordingly.
S	This analysis has been reported to the MDL; therefore it is an estimated value.

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McKee Enviromental		Project:	PARK STATION
86 Quartz Drive		Project Number:	[none]
Bellefonte PA, 16823		Collector:	CLIENT
Project Manager:	Doug McKee	Number of Containers:	26

Reported: 07/10/20 16:44

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. **G**: Indicates analysis performed by Fairway Laboratories, Inc., 4727 Route 30 Ste 204, Greensburg, PA 15601. PA DEP Chapter 252 certification: PA 65-00392. **P**: Indicates analysis performed by Fairway Laboratories, Inc., 89 Kristi Rd., Pennsdale, PA 17756. PA DEP Chapter 252 certification: PA 41-04684. **W**: Indicates analysis performed by Fairway Laboratories, Inc., 1980 Golden Mile Rd., Wysox, PA 18854. NELAP certification: PA 08-05622 and NY 12127.
<	Represents "less than" - indicates that the result was less than the RL, or the MDL if indicated for the parameter.
MDL	Method Detection Limit - is the lowest or minimum level that provides 99% confidence level that the analyte is detected. Any reported result values that are less than the RL are considered estimated values. If Radiological results are reported, the MDC - Minimum Detectable Concentration is shown in the MDL column.
RL	Reporting Limit - is the lowest or minimum level at which the analyte can be quantified.
[CALC]	Indicates a calculated result. Calculations use results from other analyses performed under accredited methods.

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FAIRWAY LABORATORIES
www.fairwaylaboratories.com

McKee Enviromental	Project:	PARK STATION	
86 Quartz Drive	Project Number:	[none]	**Reported:**
Bellefonte PA, 16823	Collector:	CLIENT	07/10/20 16:44
Project Manager: Doug McKee	Number of Containers:	26	

Terms & Conditions

Services provided by Fairway Laboratories Inc. are limited to the terms and conditions stated herein, unless otherwise agreed to in a formal contract.

CHAIN OF CUSTODY Fairway Laboratories Inc. ("Fairway," "us" or "we") will initiate a chain-of-custody/request for analysis upon sample receipt unless the client includes a completed form with the received sample(s). Upon request, Fairway will provide chain-of-custody forms for use.

CONFIDENTIALITY Fairway maintains confidentiality in all of our client interactions. The client's consent will be required before releasing information about the services provided.

CONTRACTS All contracts are subject to review and approval by Fairway's legal council. Each contract must be signed by a corporate officer.

PAYMENT/BILLING Unless otherwise set forth in a signed contract or purchase order, terms of payment are "NET 30 Days." The time allowed for payment shall begin based on the invoice date. A 1.5% per month service charge may be added to all unpaid balances beyond the initial 30 days. In its sole discretion, Fairway reserves the right to request payment before services and hold sample results for payment of due balances. We will not bill a third party without prior agreement among all parties acknowledging and accepting responsibility for payment.

SAMPLE COLLECTION AND SUBMISSION Clients not requesting collection services from Fairway are responsible for proper collection, preservation, packaging, and delivery of samples to the laboratory in accordance with current law and commercial practice. Fairway shall have no responsibility for sample integrity prior to the receipt of the sample(s) and/or for any inaccuracy in test or analyses results as a result of the failure of the client or any third party to maintain the integrity of samples prior to delivery to Fairway. All samples submitted must be accompanied by a completed chain of custody or similar document clearly noting the requested analyses, dates/time sampled, client contact information, and trail of custody. Samples received at the laboratory after business hours are verified on the next business day. Discrepancies are documented on the Receiving Document.

SUBCONTRACTING Some analyses may require subcontracting to another laboratory. Unless the client indicates otherwise, this decision will be made by Fairway. Subcontracted work will be identified on the final report in accordance with NELAC requirements.

RETURN OF RESULTS Fairway routinely provides faxed or verbal results within 10 working days of receipt of sample(s) and a hard copy of the data results is routinely received via US Postal Service within 15 working days. At the request of the client, Fairway may offer expedited return of sample results. Surcharges may apply to rush requests. All rush requests must be pre-approved by Fairway. We reserve the right to charge an archive retrieval fee for results older than one (1) year from the date of the request. All records will be maintained by Fairway for 5 years, after which, they will be destroyed.

SAMPLE DISPOSAL Fairway will maintain samples for four (4) weeks after the sample receipt date. Fairway will dispose of samples which are not and/or do not contain hazardous wastes (as such term is defined by applicable federal or state law), unless prior arrangements have been made for long-term storage. Fairway reserves the right to charge a disposal fee for the proper disposal of samples found or suspected to contain hazardous waste. A return shipping charge will be invoiced for samples returned to the client at their request.

HAZARD COMMUNICATION The client has the responsibility to inform the laboratory of any hazardous characteristics known or suspected about the sample, and to provide information on hazard prevention and personal protection as necessary or otherwise required by applicable law.

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.

Fairway Laboratories, Inc.

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.

CHAIN OF CUSTODY/ REQUEST FOR ANALYSIS

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

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 ENVIRO
Address:
Contact: DOUG McKEE
Phone #:
Fax #:
Project Name: PARK'S 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: ___/___/___

LAB USE ONLY
Work Order # QF26172
Attach # 1
FLI Page # 1 of 3
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: PADEP UL GAS UST short list	Bottle Type/Comments
1	MW-6	X				6/24/20	1130		X		2	X	
2	MW-7	↓				↓	1200		↓		↓	↓	
3	MW-5						1230						
4	MW-8						1330						
5	MW-9						1400						
6	MW-10						1430						
7	MW-11						1500						
8	MW-12						1530						
9	MW-13						1600						
10	MW-2	↓				↓	1615		↓		↓	↓	
	~~MW~~												

Military or AM/PM required

		Date	Time
Sampled by: (Signature)			
Relinquished by:		6/25/20	0930
Relinquished by:		6/25/20	1200
Relinquished by:		6-25-20	1305
Received by:			
Received by:		6/25/20	1100
Received by:		6-25-20	1202
Received by:		6/25/20	1305

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

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

FAIRWAY LABORATORIES
Environmental Laboratory

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

Client Page # 2 of 2

Client Name: McKee Enviro
Address:
Contact: Doug McKee
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: ___/___/___

LAB USE ONLY
Work Order # QF26177
Attach # 2
FLI Page # 2 of 3
Tracking #

	Sample Description/Location	GRAB	Composite	Composite Start / GRAB -or- Composite End: Start Date	Start Time	End Date	End Time	Matrix: Solid	Water	Other ___	# of Containers	PADEP UL GAS LIST SUBSET LIST	Bottle Type/Comments
11	MW1	X				6/24/20	0930		X		2	X	
12	MW13	↓					1700		↓		↓	↓	
13	PW	↓				↓	1730		↓		↓	↓	

Military or AM/PM required

Analyses Requested

	Sampled by: (Signature)	Date	Time
Relinquished by		6/24/20	0930
Relinquished by		6/25/20	1100
Relinquished by		6/25/20	1200
Relinquished by		6/25/20	1305

	Received by:	Date	Time
Received by		6/25/20	1100
Received by		6/25/20	1200
Received by		6/25/20	1305

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 Receiving Document

Page 3 of 3

Receiver: CR

Date/Time of this check: 6-26-20 14:55 Client: McGee Enviro #3 Lab # OF26177

Received on ICE? Y ☐ * **Sample Temperature when delivered to the Lab:** 0 °C **Acceptable?** Y ☐ * **or In cool down process?** ☐ *

(Not applicable for WV compliance)

Custody Seals? no Intact? NA

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.
							2 HCl		NA		
13											

*** 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: one of the vials from MW-7, MW-12, MW-13 @ 16:20 & MW1

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

LABORATORY REPORT

July 16, 2020

Doug McKee
McKee Environmental, Inc. (PA)
86 Quartz Drive
Bellefonte, PA 16823

RE: Park's Station

Dear Doug:

Enclosed are the results of the samples submitted to our laboratory on July 1, 2020. For your reference, these analyses have been assigned our service request number P2003668.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.alsglobal.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

Kate Kaneko
Jul 16, 2020, 1:30 pm

Kate Kaneko
Project Manager

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
www.alsglobal.com

Client: McKee Environmental, Inc (PA) Service Request No: P2003668
Project: Park's Station

CASE NARRATIVE

The samples were received intact under chain of custody on July 1, 2020 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Volatile Organic Compound Analysis

The sample was analyzed for volatile organic compounds in accordance with EPA Method TO-15 from the Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air, Second Edition (EPA/625/R-96/010b), January, 1999. This procedure is described in laboratory SOP VOA-TO15. The analytical system was comprised of a gas chromatograph / mass spectrometer (GC/MS) interfaced to a whole-air preconcentrator. This method is included on the laboratory's NELAP and DoD-ELAP scope of accreditation. Any analytes flagged with an X are not included on the NELAP or DoD-ELAP accreditation.

Both samples required a dilution due to the presence of elevated levels of non-target analyte. The reporting limits are adjusted to reflect the dilution.

The container was cleaned, prior to sampling, down to the method reporting limit (MRL) reported for this project. For projects requiring DoD QSM 5.1 compliance canisters were cleaned to <1/2 the MRL. Please note, projects which require reporting below the MRL could have results between the MRL and method detection limit (MDL) that are biased high.

2655 Park Center Dr., Suite A
Simi Valley, CA 93065
T: +1 805 526 7161
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ALS Environmental – Simi Valley

CERTIFICATIONS, ACCREDITATIONS, AND REGISTRATIONS

Agency	Web Site	Number
Alaska DEC	http://dec.alaska.gov/eh/lab.aspx	17-019
Arizona DHS	http://www.azdhs.gov/preparedness/state-laboratory/lab-licensure-certification/index.php#laboratory-licensure-home	AZ0694
Florida DOH (NELAP)	http://www.floridahealth.gov/licensing-and-regulation/environmental-laboratories/index.html	E871020
Louisiana DEQ (NELAP)	http://www.deq.louisiana.gov/page/la-lab-accreditation	05071
Maine DHHS	http://www.maine.gov/dhhs/mecdc/environmental-health/dwp/professionals/labCert.shtml	2018027
Minnesota DOH (NELAP)	http://www.health.state.mn.us/accreditation	1776326
New Jersey DEP (NELAP)	http://www.nj.gov/dep/enforcement/oqa.html	CA009
New York DOH (NELAP)	http://www.wadsworth.org/labcert/elap/elap.html	11221
Oregon PHD (NELAP)	http://www.oregon.gov/oha/ph/LaboratoryServices/EnvironmentalLaboratoryAccreditation/Pages/index.aspx	4068-007
Pennsylvania DEP	http://www.dep.pa.gov/Business/OtherPrograms/Labs/Pages/Laboratory-Accreditation-Program.aspx	68-03307 (Registration)
PJLA (DoD ELAP)	http://www.pjlabs.com/search-accredited-labs	65818 (Testing)
Texas CEQ (NELAP)	http://www.tceq.texas.gov/agency/qa/env_lab_accreditation.html	T104704413-19-10
Utah DOH (NELAP)	http://health.utah.gov/lab/lab_cert_env	CA016272019-10
Washington DOE	http://www.ecy.wa.gov/programs/eap/labs/lab-accreditation.html	C946

Analyses were performed according to our laboratory's NELAP and DoD-ELAP approved quality assurance program. A complete listing of specific NELAP and DoD-ELAP certified analytes can be found in the certifications section at www.alsglobal.com, or at the accreditation body's website.

Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact the laboratory for information corresponding to a particular certification.

ALS ENVIRONMENTAL

DETAIL SUMMARY REPORT

Client: McKee Environmental, Inc (PA) Service Request: P2003668
Project ID: Park's Station

Date Received: 7/1/2020
Time Received: 11:00

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	Container ID	Pi1 (psig)	Pfl (psig)	TO-15 - VOC Cans
Parks Station VW-01	P2003668-001	Air	6/24/2020	13:30	1SC00970	-0.41	6.36	X
Parks Station VW-02	P2003668-002	Air	6/24/2020	14:30	1SC01289	-0.33	6.82	X

Air - Chain of Custody Record & Analytical Service Request

Page 1 of 1

2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

ALS Project No. P0036688

Company Name & Address (Reporting Information)	McKee Enviro
Project Name	Parks Station
Project Number	
Project Manager	Doug McKee
P.O. # / Billing Information	Doug McKee
Phone / Fax	
Email Address for Result Reporting	doug.mckee@mckeeenviro.com
Sampler (Print & Sign)	
ALS Contact:	

Analysis Method

Client Sample ID	Laboratory ID Number	Date Collected	Time Collected	Canister ID (Bar code # - AC, SC, etc.)	Flow Controller ID (Bar code # - FC #)	Canister Start Pressure "Hg	Canister End Pressure "Hg/psig	Sample Volume	UL GAS VOCS		Comments e.g. Actual Preservative or specific instructions
Parks Station	VW-01	6/24/20	1330	005510	OA00404	30	0	1L	X		
Parks Station	VW-02	6/24/20	1430	ISC01289	OA00626	27	0	1L	X		

5 of 11

Report Tier Levels - please select

Tier I - Results (Default if not specified) _____ Tier III (Results + QC & Calibration Summaries) _____
Tier II (Results + QC Summaries) _____ Tier IV (Data Validation Package) 10% Surcharge _____

EDD required Yes / No
Type: _____ Units: _____

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Project Requirements (MRLs, QAPP)

Relinquished by: (Signature)	Date: 6/25/20	Time: 1430	Received by: (Signature)	Date: 7/1/20	Time: 1100
Relinquished by: (Signature)	Date:	Time:	Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature ____ °C

ALS Environmental
Sample Acceptance Check Form

Client: McKee Environmental, Inc (PA) Work order: P2003668

Project: Park Station

Sample(s) received on: 7/1/20 Date opened: 7/1/20 by: DENISE.POSADA

Note: This form is used for all samples received by ALS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Did **sample containers** arrive in good condition?	☒	☐	☐
3	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
4	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
5	Was **sample volume** received adequate for analysis?	☒	☐	☐
6	Are samples within specified holding times?	☒	☐	☐
7	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
8	Were **custody seals** on outside of cooler/Box/Container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
9	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
10	**Tubes:** Are the tubes capped and intact?	☐	☐	☒
11	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P2003668-001.01	1.0 L Source Can					
P2003668-002.01	1.0 L Source Can					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **McKee Environmental, Inc (PA)**
Client Sample ID: **Parks Station VW-01** ALS Project ID: P2003668
Client Project ID: **Park's Station** ALS Sample ID: P2003668-001

Test Code: EPA TO-15 Date Collected: 6/24/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/20
Analyst: Topacio De Leon Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.00010 Liter(s)
Test Notes:
Container ID: 1SC00970

Initial Pressure (psig): -0.41 Final Pressure (psig): 6.36

Canister Dilution Factor: 1.47

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
1634-04-4	Methyl tert-Butyl Ether	ND	7,900	ND	2,200	
71-43-2	Benzene	ND	7,800	ND	2,400	
108-88-3	Toluene	ND	7,900	ND	2,100	
100-41-4	Ethylbenzene	ND	7,900	ND	1,800	
179601-23-1	m,p-Xylenes	ND	16,000	ND	3,700	
95-47-6	o-Xylene	ND	7,900	ND	1,800	
98-82-8	Cumene	ND	7,900	ND	1,600	
108-67-8	1,3,5-Trimethylbenzene	ND	7,800	ND	1,600	
95-63-6	1,2,4-Trimethylbenzene	ND	7,900	ND	1,600	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **McKee Environmental, Inc (PA)**
Client Sample ID: **Parks Station VW-02** ALS Project ID: P2003668
Client Project ID: **Park's Station** ALS Sample ID: P2003668-002

Test Code: EPA TO-15 Date Collected: 6/24/20
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: 7/1/20
Analyst: Topacio De Leon Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.00050 Liter(s)
Test Notes:
Container ID: 1SC01289

Initial Pressure (psig): -0.33 Final Pressure (psig): 6.82

Canister Dilution Factor: 1.50

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
1634-04-4	Methyl tert-Butyl Ether	ND	1,600	ND	450	
71-43-2	Benzene	**3,000**	1,600	**930**	500	
108-88-3	Toluene	ND	1,600	ND	430	
100-41-4	Ethylbenzene	ND	1,600	ND	370	
179601-23-1	m,p-Xylenes	ND	3,300	ND	760	
95-47-6	o-Xylene	ND	1,600	ND	370	
98-82-8	Cumene	ND	1,600	ND	330	
108-67-8	1,3,5-Trimethylbenzene	ND	1,600	ND	320	
95-63-6	1,2,4-Trimethylbenzene	ND	1,600	ND	330	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

RESULTS OF ANALYSIS

Client: **McKee Environmental, Inc (PA)**
Client Sample ID: **Method Blank** ALS Project ID: P2003668
Client Project ID: **Park's Station** ALS Sample ID: P200714-MB

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 1.00 Liter(s)
Test Notes:

Canister Dilution Factor: 1.00

CAS #	Compound	Result µg/m³	MRL µg/m³	Result ppbV	MRL ppbV	Data Qualifier
1634-04-4	Methyl tert-Butyl Ether	ND	0.54	ND	0.15	
71-43-2	Benzene	ND	0.53	ND	0.17	
108-88-3	Toluene	ND	0.54	ND	0.14	
100-41-4	Ethylbenzene	ND	0.54	ND	0.12	
179601-23-1	m,p-Xylenes	ND	1.1	ND	0.25	
95-47-6	o-Xylene	ND	0.54	ND	0.12	
98-82-8	Cumene	ND	0.54	ND	0.11	
108-67-8	1,3,5-Trimethylbenzene	ND	0.53	ND	0.11	
95-63-6	1,2,4-Trimethylbenzene	ND	0.54	ND	0.11	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
MRL = Method Reporting Limit - The minimum quantity of a target analyte that can be confidently determined by the referenced method.

ALS ENVIRONMENTAL

SURROGATE SPIKE RECOVERY RESULTS

Client: **McKee Environmental, Inc (PA)**
Client Project ID: **Park's Station** ALS Project ID: P2003668

Test Code: EPA TO-15
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date(s) Collected: 6/24/20
Analyst: Simon Cao Date(s) Received: 7/1/20
Sample Type: 1.0 L Summa Canister(s) Date(s) Analyzed: 7/14/20
Test Notes:

Client Sample ID	ALS Sample ID	1,2-Dichloroethane-d4 Percent Recovered	Toluene-d8 Percent Recovered	Bromofluorobenzene Percent Recovered	Acceptance Limits	Data Qualifier
Method Blank	P200714-MB	**100**	**101**	**112**	70-130	
Lab Control Sample	P200714-LCS	**103**	**100**	**114**	70-130	
Parks Station VW-01	P2003668-001	**101**	**99**	**111**	70-130	
Parks Station VW-02	P2003668-002	**100**	**86**	**106**	70-130	

Surrogate percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly from the on-column percent recovery.

ALS ENVIRONMENTAL

LABORATORY CONTROL SAMPLE SUMMARY

Client: **McKee Environmental, Inc (PA)**
Client Sample ID: **Lab Control Sample** ALS Project ID: P2003668
Client Project ID: **Park's Station** ALS Sample ID: P200714-LCS

Test Code: EPA TO-15 Date Collected: NA
Instrument ID: Tekmar AUTOCAN/Agilent 5973inert/6890N/MS9 Date Received: NA
Analyst: Simon Cao Date Analyzed: 7/14/20
Sample Type: 1.0 L Summa Canister Volume(s) Analyzed: 0.125 Liter(s)
Test Notes:

CAS #	Compound	Spike Amount µg/m³	Result µg/m³	% Recovery	ALS Acceptance Limits	Data Qualifier
1634-04-4	Methyl tert-Butyl Ether	214	**202**	**94**	57-131	
71-43-2	Benzene	210	**186**	**89**	66-109	
108-88-3	Toluene	212	**196**	**92**	67-113	
100-41-4	Ethylbenzene	212	**203**	**96**	65-117	
179601-23-1	m,p-Xylenes	426	**410**	**96**	64-121	
95-47-6	o-Xylene	214	**204**	**95**	64-120	
98-82-8	Cumene	214	**207**	**97**	64-121	
108-67-8	1,3,5-Trimethylbenzene	212	**205**	**97**	65-120	
95-63-6	1,2,4-Trimethylbenzene	212	**212**	**100**	63-129	

Laboratory Control Sample percent recovery is verified and accepted based on the on-column result.
Reported results are shown in concentration units and as a result of the calculation, may vary slightly.