

TABLE 1

GROUNDWATER QUALITY DATA SUMMARY

BOB WARK'S LIBERTY STATION
300 MONTGOMERY AVENUE
MERION STATION, PA

Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Ethyl benzene (µg/L)	Isopropyl benzene (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Toluene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Xylenes (µg/L)
MSCs for Used, Non-Residential Aquifer					5	700	3,500	20	100	1,000	530	530	10,000
MW-1	4/21/2022	308.66	9.01	299.65	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	5/5/2022	308.66	9.12	299.54	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.1
*	8/31/2022	308.66	NM	NM	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	12/21/2022	308.66	10.04	298.62	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	3/23/2023	308.66	10.1	298.56	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	9/26/2023	308.66	9.68	298.98	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	12/12/2023	308.66	9.98	298.68	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	3/26/2024	308.66	8.7	299.96	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	7/1/2024	308.66	9.38	299.28	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	9/26/2024	308.66	11.0	297.66	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
MW-2	4/21/2022	309.04	9.58	299.46	1,500	3,860	147	<0.5	665	27,800 E	3,180	657	23,800
	5/5/2022	309.04	10.82	298.22	1,060	3,940	140	<50.0	407	36,100	2,930	911	22,900
*	8/31/2022	309.04	NM	NM	14.8	56.5	2.3	<0.5	11.6	170	54	14.5	306
	12/21/2022	309.04	10.55	298.49	1,410	3,900	161	<50.0	766	22,900	2,960	824	22,300
	3/23/2023	309.04	10.10	298.94	1,080	2,880	99.0	<0.5	485	19,800	1,950	740	16,300
	9/26/2023	309.04	10.27	298.77	1,100	3,450	114	<50.0	731	25,700	1,890	591	17,900
	12/12/2023	309.04	10.54	298.50	698	2,510	77.0	<50.0	257	18,000	1,520	423	15,600
	3/26/2024	309.04	8.72	300.32	1,300	3,180	96.8	<0.5	280	19,600	1,710	459	16,800
	7/1/2024	309.04	10.02	299.02	962	3500	115	<50.0	405	23,600	1,910	566	16,100
	9/26/2024	309.04	11.59	297.45	808	3550	68.2	<0.5	450	20,700	2,050	2,790	19,000
MW-3	4/21/2022	309.66	11.45	298.21	309	379	12.6	14.9	95.8	13.7	233	87.4	557
	5/5/2022	309.66	10.58	299.08	285	301	8.8	<2.5	26.2	<2.5	94.6	37.2	294
*	8/31/2022	309.66	NM	NM	15.5	59	2.7	<0.5	10	177	56.2	15	316
	12/21/2022	309.66	11.38	298.28	115	459	23.6	<2.5	138	<2.5	70.5	39.8	46.2
	3/23/2023	309.66	11.00	298.66	238	548	19.8	<0.5	122	17.0	31.7	27.4	64.5
	9/26/2023	309.66	11.03	298.63	288	697	26.1	<1.0	152	140	67.9	43.5	127
	12/12/2023	309.66	11.27	298.39	72.8	313	14.4	<10.0	57.0	11.4	17.6	12.8	<20.0
	3/26/2024	309.66	9.30	300.36	589	1,130	27.0	<0.5	157	24.4	81.9	42.0	183
	7/1/2024	309.66	10.85	298.81	1020	2030	57.6	<10.0	326	128	602	216	997
	9/26/2024	309.66	12.41	297.25	262	985	35.9	<0.5	144	31.4	100	63.9	61.9
MW-4	4/21/2022	309.37	10.61	298.76	584	3,470	132	<0.5	852	12,000	4,300	835	22,800
	5/5/2022	309.37	11.30	298.07	773	4,630	248	<50.0	904	13,900	5,450	1,740	24,200
*	8/31/2022	309.37	NM	NM	978	4,630	131	<0.5	702	12,900	5,050	1,380	26,400
	12/21/2022	309.37	11.40	297.97	478	2,840	175	<50.0	783	6,940	3,910	1,050	19,400
	3/23/2023	309.37	11.50	297.87	508	3,230	174	<100	878	8,540	3,700	5,490	21,000

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Monitoring Well	Date	Top of Casing (ft)	Depth to Water (ft)	GW Elevation (ft)	Benzene (µg/L)	Ethyl benzene (µg/L)	Isopropyl benzene (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	Toluene (µg/L)	1,2,4-TMB (µg/L)	1,3,5-TMB (µg/L)	Xylenes (µg/L)
	9/26/2023	309.37	11.41	297.96	440	4,390	238	<100	966	8,460	4,640	1,320	23,900
	12/12/2023	309.37	11.21	298.16	136	1,370	<100	<100	246	3,310	1,850	534	10,800
	3/26/2024	309.37	10.25	299.12	384	3,190	99.2	<0.5	496	6,610	2,780	706	18,700
	7/1/2024	309.37	11.37	298.00	830	3,690	156	<100	568	7,540	2,810	790	17,900
	9/26/2024	309.37	13.01	296.36	915	2,690	106	<0.5	478	7,870	2,240	3,040	15,000
MW-5	3/23/2023	306.12	8.00	298.12	<0.5	<0.5	<0.5	1.9	<0.5	0.5	<0.5	<0.5	<1.0
	9/26/2023	306.12	7.89	298.23	<0.5	4.0	<0.5	1.0	0.9	9.0	<0.5	<0.5	8.9
	12/12/2023	306.12	7.96	298.16	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	<0.5	<0.5	<1.0
	3/26/2024	306.12	6.80	299.32	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	7/1/2024	306.12	7.89	298.23	0.6	2.2	<0.5	1.2	0.5	4.0	1.4	<0.5	6.6
	9/26/2024	306.12	9.36	296.76	<0.5	<0.5	<0.5	4.7	<0.5	<0.5	<0.5	<0.5	<1.0
MW-6	3/23/2023	307.43	9.20	298.23	0.7	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	9/26/2023	307.43	9.13	298.30	<0.5	3.7	<0.5	<0.5	0.8	9.5	1.5	<0.5	10.2
	12/12/2023	307.43	9.24	298.19	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	3/26/2024	307.43	7.97	299.46	<0.5	0.5	<0.5	<0.5	0.5	1.0	0.6	<0.5	2.5
	7/1/2024	307.43	9.2	298.23	<0.5	0.9	<0.5	<0.5	<0.5	2.1	0.8	<0.5	3.4
	9/26/2024	307.43	10.7	296.73	<0.5	0.5	<0.5	<0.5	<0.5	1.3	0.6	<0.5	2.5
MW-7	3/23/2023	309.17	10.70	298.47	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	9/26/2023	309.17	10.77	298.40	0.5	4.3	<0.5	<0.5	0.8	15.2	2.1	0.6	17.0
	12/12/2023	309.17	10.84	298.33	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<1.0
	3/26/2024	309.17	8.93	300.24	<0.5	<0.5	<0.5	<0.5	<0.5	0.6	<0.5	<0.5	1.1
	7/1/2024	309.17	10.65	298.52	<0.5	0.8	<0.5	<0.5	<0.5	3.3	<0.5	<0.5	2.8
	9/26/2024	309.17	12.35	296.82	<0.5	<0.5	<0.5	<0.5	<0.5	0.9	<0.5	<0.5	<1.0

Notes:

- <# = Less than the detection limit of #
- * = Depth to water data not available
- Bold** = Indicates concentration exceeds PADEP Statewide Health Standard for Non-Residential Used Aquifers
- E = Reported concentration is outside the calibration range of the equipment