

TABLE 1
Groundwater Elevation and Analytical Results

Sample ID	Date Sampled	Casing Elevation (feet)	Depth to Groundwater (feet)	Groundwater Elevation (feet)	Benzene	Ethylbenzene	Isopropylbenzene (Cumene)	Methyl Tert-Butyl Ether (MTBE)	Naphthalene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylenes, Total
Vapor Intrusion Screening Values: Residential					23	700	1,900	6,300	100	34,000	510	360	10,000
Statewide Health Standard: Residential Used Aquifer: TDS ≤ 2500 mg/L					5	700	840	20	100	1,000	130	130	10,000
MW-1 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	04/29/22	537.71	12.01	525.70	<1.0	<1.0	<5.0	6.8	<5.0	2.4	<5.0	<5.0	<6.0
	06/28/22		12.32	525.39									
	07/19/22		15.79	521.92	<1.0	<1.0	<5.0	15	<5.0	<1.0	<5.0	<5.0	<6.0
	08/11/22		17.54	520.17	Not Sampled								
	10/27/22		17.32	520.39	Not Sampled								
	11/29/22		16.60	521.11	<1.0	<1.0	<5.0	2.9	<5.0	<1.0	<5.0	<5.0	<6.0
MW-2 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	04/29/22	536.63	14.29	522.34	3,300	2,400	<100	720	610	17,000	2,500	700	13,000
	06/28/22		14.51	522.12									
	07/18/22		17.24	519.39	2,400	2,800	<100	110	610	22,000	2,100	590	15,000
	08/11/22		18.41	518.22	Not Sampled								
	10/27/22		18.15	518.48	Not Sampled								
	11/29/22		17.22	519.41	2,300	3,000	<100	110	650	23,000	2,200	630	17,000
MW-3 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	04/29/22	538.08	16.87	521.21	22,000	3,700	<250	110	1,100	52,000	4,500	1,300	23,000
	06/28/22		16.86	521.22									
	07/18/22		19.36	518.72	19,000	2,700	<250	100	790	47,000	2,500	700	16,000
	08/11/22		21.52	516.56	Not Sampled								
	10/27/22		20.80	517.28	Not Sampled								
	11/29/22		19.94	518.14	13,000	2,900	<250	94	520	39,000	2,300	650	17,000
MW-4 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	04/29/22	537.57	13.25	524.32	1,300	620	31	520	190	6,300	810	240	4,300
	06/28/22		14.78	522.79									
	07/19/22		14.78	522.79	300	700	45	490	330	3,900	1,300	400	4,200
	08/11/22		19.41	518.16	Not Sampled								
	10/27/22		18.95	518.62	Not Sampled								
	11/29/22		17.65	519.92	110	130	<25	550	35	450	200	64	560
MW-5 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	06/28/22	539.18	18.05	521.13									
	07/19/22		18.92	520.26	4,100	1,300	<250	50	440	16,000	1,800	540	11,000
	08/11/22		20.12	519.06	4,400	2,300	<250	<50	540	23,000	2,100	620	16,000
	10/27/22		20.74	518.44	Not Sampled								
	11/29/22		19.71	519.47	1,200	1,500	<100	40	610	7,200	1,900	610	9,000
MW-6 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	06/28/22	535.18	18.25	516.93									
	07/19/22		18.96	516.22	2,100	680	<250	<50	<250	1,100	400	<250	2,200
	08/11/22		20.29	514.89	3,500	1,400	60	59	300	2,000	820	300	3,800
	10/27/22		20.41	514.77	Not Sampled								
	11/29/22		19.44	515.74	800	790	45	28	150	380	300	170	920
MW-7 TD (ft) = 30 WD (in) = 2 SI (ft) = 5 - 30 Brx (ft) = NE	06/28/22	534.84	16.03	518.81									
	07/19/22		16.98	517.86	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<5.0	<6.0
	08/11/22		17.91	516.93	<1.0	<1.0	<5.0	<1.0	<5.0	1.3	<5.0	<5.0	<6.0
	10/27/22		17.71	517.13	Not Sampled								
	11/29/22		16.40	518.44	2.2	1.3	<5.0	<1.0	<5.0	<1.0	<5.0	<5.0	<6.0
MW-8 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	06/28/22	535.17	16.35	518.82									
	07/19/22		17.04	518.13	1.9	<1.0	<5.0	1.5	<5.0	<1.0	<5.0	<5.0	<6.0
	08/11/22		19.02	516.15	2.1	<1.0	<5.0	1.4	<5.0	<1.0	<5.0	<5.0	<6.0
	10/27/22		17.76	517.41	Not Sampled								
	11/29/22		17.60	517.57	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<5.0	<6.0
MW-9 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	06/28/22	537.12	14.01	523.11									
	07/19/22		15.22	521.90	11	95	<25	6.9	27	160	180	67	640
	08/11/22		16.92	520.20	38	160	<25	7.2	37	860	200	65	1,100
	10/27/22		16.81	520.31	Not Sampled								
	11/29/22		15.28	521.84	<5.0	6.5	<25	8.1	<25	<5.0	<25	<25	<30
MW-10 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	10/27/22	535.92	19.31	516.61	<1.0	<1.0	<5.0	6.5	<5.0	<1.0	<5.0	<5.0	<6.0
	11/29/22		17.86	518.06	<1.0	<1.0	<5.0	3.3	<5.0	<1.0	<5.0	<5.0	<6.0

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Vapor Intrusion Screening Values: Residential					23	700	1,900	6,300	100	34,000	510	360	10,000
Statewide Health Standard: Residential Used Aquifer: TDS ≤ 2500 mg/L					5	700	840	20	100	1,000	130	130	10,000
MW-11 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	10/27/22	528.93	14.37	514.56	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<5.0	<6.0
	11/29/22		13.28	515.65	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<5.0	<6.0
MW-12 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	10/27/22	532.61	19.66	512.95	<1.0	<1.0	<5.0	1.9	<5.0	<1.0	<5.0	<5.0	<6.0
	11/29/22		17.16	515.45	<1.0	<1.0	<5.0	2.9	<5.0	<1.0	<5.0	<5.0	<6.0
MW-13 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	10/27/22	540.67	21.31	519.36	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<5.0	<6.0
	11/29/22		19.34	521.33	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<5.0	<6.0
MW-14 TD (ft) = 25 WD (in) = 2 SI (ft) = 5 - 25 Brx (ft) = NE	10/27/22	538.43	18.10	520.33	<1.0	<1.0	<5.0	110	<5.0	<1.0	<5.0	<5.0	<6.0
	11/29/22		16.74	521.69	<1.0	<1.0	<5.0	76	<5.0	<1.0	<5.0	<5.0	<6.0
2386 PA-64-Supply	04/29/22	534.24	NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/19/22		NA	NA	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50
	08/11/22		NA	NA	Not Sampled								
	10/27/22		NA	NA	Not Sampled								
	11/29/22		NA	NA	<1.0	<1.0	<5.0	<1.0	<5.0	<1.0	<5.0	<5.0	<6.0

Notes & Explanations:

All concentrations are reported in micrograms per liter (µg/L).
 Bolded concentrations note exceedances of PADEP Residential Medium Specific Concentrations (MSCs).
 Shaded concentrations note exceedances of the PADEP Vapor Intrusion Screening Values
 All VOC Concentrations in all monitoring wells were derived using EPA Method 8260B.
 All VOC Concentrations in the supply well or derived using EPA Method 524.2.
 < - Not detected above laboratory reporting limit (shown)

TD = Total Depth of well (feet below grade)
 SI = Screen interval of well (feet below grade)
 WD = Well Diameter (inches)
 Brx = Depth to bedrock (feet below grade)
 NE = Not encountered.
 NA = Not applicable.
 mg/L = milligrams per Liter

TABLE 2
Product Recovery

Monitoring Well	Date Gauged	Depth to Groundwater (ft)	Groundwater Elevation (ft)	Depth to Product (feet)	Product Thickness (ft)	Absorbent Sock 1.5 X 18"			Passive Skimmer		Manually Bailed Recovered Product in 5- Gallon Bucket		Total Recovery (gallons)
						Saturation %	Sock Replaced	Product in Gallons	Product in inches	Product in Gallons	Product in Inches	Product in Gallons	
MW -2	04/29/2022	14.29	522.34	14.28	0.01	Installed			NA	NA	0.00	0.00	0.00
Elevation:	05/12/2022	10.68	525.95	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
536.63	05/27/2022	14.51	522.12	NE	0.00	10%	Yes	0.01	NA	NA	0.00	0.00	0.01
	06/07/2022	15.25	521.38	NE	0.00	15%	No-Flipped	0.02	NA	NA	0.00	0.00	0.02
	06/29/2022	14.52	522.11	NE	0.00	10%	No	0.01	NA	NA	0.00	0.00	0.01
	07/18/2022	17.24	519.39	NE	0.00	0%	No-Flipped	0.00	NA	NA	0.00	0.00	0.00
	08/01/2022	17.91	518.72	NE	0.00	25%	No	0.03	NA	NA	0.00	0.00	0.03
	08/11/2022	18.41	518.22	NE	0.00	5%	No	0.01	NA	NA	0.00	0.00	0.01
	08/17/2022	18.46	518.17	NE	0.00	100%	Yes	0.13	NA	NA	0.00	0.00	0.13
	09/01/2022	18.89	517.74	NE	0.00	40%	No	0.05	NA	NA	0.00	0.00	0.05
	09/16/2022	18.26	518.37	NE	0.00	30%	No	0.04	NA	NA	0.00	0.00	0.04
	09/29/2022	18.07	518.56	NE	0.00	40%	No	0.05	NA	NA	0.00	0.00	0.05
	10/10/2022	16.85	519.78	NE	0.00	50%	Yes	0.07	NA	NA	0.00	0.00	0.07
	10/27/2022	18.15	518.48	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
	11/07/2022	18.60	518.03	NE	0.00	10%	No-Lowered	0.01	NA	NA	0.00	0.00	0.01
	11/21/2022	19.56	517.07	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
	12/13/2022	16.70	519.93	NE	0.00	30%	No-Flipped	0.04	NA	NA	0.00	0.00	0.04
	12/27/2023	15.74	520.89	NE	0.00	35%	Yes	0.05	NA	NA	0.00	0.00	0.05
	01/09/2023	14.05	522.58	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
	01/24/2023	13.15	523.48	NE	0.00	20%	Yes	0.03	NA	NA	0.00	0.00	0.03
	02/26/2023	15.60	521.03	NE	0.00	70%	Yes	0.09	NA	NA	0.00	0.00	0.09
MW-2 Product Total													0.76
MW-3	04/29/2022	16.87	521.21	16.55	0.32	Installed			NA	NA	1.1	0.00	0.05
Elevation:	05/12/2022	15.98	522.10	15.97	0.01	100%	Yes	0.13	NA	NA	0.00	0.00	0.13
538.08	05/27/2022	16.88	521.20	NE	0.00	100%	Yes	0.13	NA	NA	0.00	0.00	0.13
	06/07/2022	17.68	520.40	NE	0.00	100%	Yes	0.13	NA	NA	0.00	0.00	0.13
	06/29/2022	16.86	521.22	NE	0.00	100%	Yes	0.13	NA	NA	0.00	0.00	0.13
	07/18/2022	18.96	519.12	NE	0.00	100%	Yes	0.13	Installed		0.00	0.00	0.13
	08/01/2022	20.02	518.06	20.01	0.01	NA	NA	0.00	1.2	0.0091	0.00	0.00	0.0091
	08/11/2022	21.52	516.56	21.50	0.02	NA	NA	0.00	0.1	0.0009	0.00	0.00	0.0009
	08/17/2022	21.39	516.69	21.36	0.03	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	09/01/2022	22.39	515.69	22.37	0.02	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	09/16/2022	22.31	515.77	22.30	0.01	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	09/29/2022	22.17	515.91	22.16	0.01	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	10/10/2022	20.87	517.21	NE	0.00	60%	Yes	0.08	NA	NA	0.00	0.00	0.08
	10/27/2022	20.80	517.28	NE	0.00	40%	Yes	0.05	NA	NA	0.00	0.00	0.05
	11/07/2022	21.18	516.90	NE	0.00	25%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
	11/21/2022	21.35	516.73	NE	0.00	80%	Yes	0.11	NA	NA	0.00	0.00	0.11
	12/13/2022	18.86	519.22	NE	0.00	50%	Yes	0.07	NA	NA	0.00	0.00	0.07
	12/27/2023	17.60	520.48	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
	01/09/2023	16.55	521.53	NE	0.00	30%	Yes	0.04	NA	NA	0.00	0.00	0.04
	01/24/2023	16.30	521.78	NE	0.00	10%	No-Lowered	0.01	NA	NA	0.00	0.00	0.01
	02/26/2023	16.88	521.20	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
MW-3 Product Total													1.16

TABLE 2
Product Recovery

MW -4	04/29/2022	13.25	524.32	NE	0.00	Installed			NA	NA	0.00	0.00	0.00
Elevation:	05/12/2022	12.09	525.48	NE	0.00	NA	Yes	NA	NA	NA	0.00	0.00	0.00
537.57	05/27/2022	14.78	522.79	NE	0.00	10%	No-Flipped	0.01	NA	NA	0.00	0.00	0.01
	06/07/2022	14.65	522.92	NE	0.00	5%	No	0.01	NA	NA	0.00	0.00	0.01
	06/29/2022	14.78	522.79	NE	0.00	5%	Yes	0.01	NA	NA	0.00	0.00	0.01
	07/18/2022	14.78	522.79	NE	0.00	60%	Yes	0.08	NA	NA	0.00	0.00	0.08
	08/01/2022	17.48	520.09	17.46	0.02	45%	Yes	0.06	NA	NA	0.00	0.00	0.06
	08/11/2022	19.41	518.16	19.07	0.34	20%	No	0.03	NA	NA	0.00	0.00	0.03
	08/17/2022	18.51	519.06	18.32	0.19	40%	Yes	0.05	NA	NA	0.00	0.00	0.05
	09/01/2022	18.70	518.87	NE	0.00	70%	Yes	0.09	NA	NA	0.00	0.00	0.09
	09/16/2022	18.15	519.42	NE	0.00	50%	Yes	0.07	NA	NA	0.00	0.00	0.07
	09/29/2022	18.37	519.20	NE	0.00	20%	No	0.03	NA	NA	0.00	0.00	0.03
	10/10/2022	17.62	519.95	NE	0.00	10%	No-Flipped	0.01	NA	NA	0.00	0.00	0.01
	10/27/2022	18.65	518.92	NE	0.00	40%	Yes	0.05	NA	NA	0.00	0.00	0.05
	11/07/2022	19.06	518.51	19.04	0.02	5%	No-Lowered	0.01	NA	NA	0.00	0.00	0.01
	11/21/2022	19.85	517.72	NE	0.00	30%	No-Flipped	0.04	NA	NA	0.00	0.00	0.04
	12/13/2022	16.68	520.89	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
	12/27/2023	15.82	521.75	NE	0.00	30%	Yes	0.04	NA	NA	0.00	0.00	0.04
	01/09/2023	14.88	522.69	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
	01/24/2023	15.16	522.41	NE	0.00	30%	Yes	0.04	NA	NA	0.00	0.00	0.04
	02/26/2023	15.00	522.57	NE	0.00	20%	No-Flipped	0.03	NA	NA	0.00	0.00	0.03
MW-4 Product Total													0.72
OW-1	12/13/2022	Dry											
	12/27/2023	8.04	--	NE	0.00	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	01/09/2023	7.90	--	NE	0.00	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	01/24/2023	7.60	--	NE	0.00	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	02/26/2023	7.50	--	NE	0.00	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
OW-2	12/13/2022	8.74	--	NE	0.00	Installed			NA	NA	0.00	0.00	0.00
	12/27/2023	7.94	--	NE	0.00	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	01/09/2023	7.80	--	NE	0.00	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	01/24/2023	7.68	--	NE	0.00	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
	02/26/2023	7.88	--	NE	0.00	NA	NA	0.00	0.00	0.00	0.00	0.00	0.00
Total Site Product Recovery (Gallons)													2.65

Notes:

- NE - product was Not Encountered
- NA - Data not available / Skimmer not present.