

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-111

Project Location York, Pa

Purge Information

Purge Date: 10/2/2024

Purged By: Casey Littlefield

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 147

Total Depth of Well (Ft BGS): 149

Initial Depth to Water (Ft BGS): 31.34

Pump ID: Mega Monsoon Pump 83171

Water Quality Inst: Horiba U-52 16675

Water Quality Inst ID: Horiba U-52 16675

Total Purge Vol (gal) 92.45

Sample Information

Sampled By: Casey Littlefield

Sample Date: 10/2/2024

Sample Time: 13:40

Sample ID: HD-MW-111-0/1-0

Sampled Method: Positive Displacement

Unit ID: Mega Monsoon Pump 83171

Duplicate ID:

MS/MSD ID:

Notes:

Purge Parameter Information

Date	Time	Temp. °C	pH SU	Turb NTU	Con. mS/cm	DO mg/L	Sal	ORP	Pr g/m	Pv gal.	DTW feet	Notes
10/2/2024	9:40	13.85	6.19	20.7	0.271	2.44	0.1	200	0.61		31.55	
10/2/2024	9:45	13.24	7.22	1.1	0.328	1.03	0.2	-35	0.33	3.05	32.21	
10/2/2024	9:50	13.5	7.77	0.7	0.329	0.73	0.2	-163	0.4	1.65	33.42	
10/2/2024	9:55	13.48	7.87	0.7	0.329	0.6	0.2	-180	0.4	2	34.3	
10/2/2024	10:00	13.55	7.93	1.6	0.33	0.47	0.2	-191	0.4	2	35.3	
10/2/2024	10:05	13.6	7.96	2.4	0.33	0.42	0.2	-193	0.4	2	35.95	
10/2/2024	10:10	13.48	7.97	2.5	0.33	0.5	0.2	-195	0.4	2	36.85	
10/2/2024	10:15	13.64	7.97	3.4	0.33	0.3	0.2	-197	0.4	2		
10/2/2024	10:20	13.55	7.98	3	0.329	0.27	0.2	-198	0.44	2	38.25	
10/2/2024	10:25	13.51	7.98	4.7	0.329	0.22	0.2	-199	0.4	2.2		
10/2/2024	10:30	13.55	7.99	5.1	0.33	0.2	0.2	-200	0.4	2	39.9	
10/2/2024	10:35	13.6	8	6.1	0.329	0.17	0.2	-202	0.4	2		
10/2/2024	10:40	13.7	8.02	6.4	0.329	0.16	0.2	-203	0.44	2	41.48	
10/2/2024	10:45	13.52	8.04	6.8	0.33	0.35	0.2	-204	0.4	2.2		
10/2/2024	10:50	13.49	8.04	7.2	0.329	0	0.2	-204	0.4	2	42.96	
10/2/2024	10:55	13.51	8.05	8.1	0.329	0	0.2	-205	0.44	2	43.85	
10/2/2024	11:00	13.43	8.06	8.2	0.329	0	0.2	-206	0.4	2.2		
10/2/2024	11:05	13.41	8.06	9	0.329	0	0.2	-207	0.4	2	45.8	

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Date	Time	Temp. °C	pH SU	Turb NTU	Con. mS/cm	DO mg/L	Sal	ORP	Pr g/m	Pv gal.	DTW feet	Notes
10/2/2024	11:10	13.47	8.07	9.7	0.329	0.12	0.2	-208	0.4	2	47.15	
10/2/2024	11:15	13.47	8.08	9.7	0.329	0	0.2	-208	0.4	2		
10/2/2024	11:20	13.47	8.09	9.7	0.329	0	0.2	-210	0.44	2	48.62	
10/2/2024	11:25	13.42	8.11	10.4	0.329	0	0.2	-210	0.44	2.2		
10/2/2024	11:30	13.4	8.11	11.1	0.329	0	0.2	-210	0.4	2.2	51.05	
10/2/2024	11:35	13.52	8.12	11.8	0.329	0	0.2	-212	0.4	2		
10/2/2024	11:40	13.51	8.13	12.1	0.329	0	0.2	-212	0.4	2	52.99	
10/2/2024	11:45	13.56	8.13	13	0.329	0	0.2	-213	0.4	2		
10/2/2024	11:50	13.7	8.16	14.5	0.33	0	0.2	-213	0.4	2	54.65	
10/2/2024	11:55	13.74	8.16	13	0.33	0	0.2	-214	0.4	2		
10/2/2024	12:00	13.85	8.17	12.6	0.33	0	0.2	-214	0.33	2	55.55	
10/2/2024	12:05	13.89	8.19	14.8	0.33	0	0.2	-214	0.33	1.65		
10/2/2024	12:10	14.11	8.18	14	0.33	0	0.2	-214	0.3	1.65	56.45	
10/2/2024	12:15	13.65	8.18	16.2	0.33	0	0.2	-214	0.4	1.5		
10/2/2024	12:20	13.63	8.18	16.6	0.33	0	0.2	-214	0.33	2	57.9	
10/2/2024	12:25	13.53	8.16	17.3	0.329	0	0.2	-214	0.33	1.65		
10/2/2024	12:30	13.56	8.16	17.2	0.329	0	0.2	-214	0.33	1.65	59.58	
10/2/2024	12:35	13.61	8.16	18.4	0.329	0	0.2	-215	0.33	1.65		

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Date	Time	Temp. °C	pH SU	Turb NTU	Con. mS/cm	DO mg/L	Sal	ORP	Pr g/m	Pv gal.	DTW feet	Notes
10/2/2024	12:40	13.61	8.17	18.1	0.329	0	0.2	-215	0.3	1.65	61.52	
10/2/2024	12:45	13.7	8.17	19.3	0.329	0	0.2	-216	0.3	1.5		
10/2/2024	12:50	13.65	8.17	20.1	0.329	0	0.2	-216	0.3	1.5	63.44	
10/2/2024	12:55	13.77	8.17	19.6	0.329	0	0.2	-216	0.3	1.5		
10/2/2024	13:00	13.54	8.17	26.6	0.329	0	0.2	-213	0.3	1.5	65.35	
10/2/2024	13:10	13.44	8.17	24.8	0.329	0	0.2	-214	0.4	1.65	67.8	
10/2/2024	13:15	13.42	8.17	25.9	0.329	0	0.2	-215	0.4	2		
10/2/2024	13:20	13.46	8.17	25.7	0.328	0	0.2	-215	0.44	2	72.02	
10/2/2024	13:25	13.55	8.2	25.7	0.327	0	0.2	-217	0.4	2.2		
10/2/2024	13:30	13.54	8.21	26.7	0.327	0	0.2	-218	0.4	2	75.75	
10/2/2024	13:35	13.55	8.2	30.3	0.326	0	0.2	-219	0.4	2		
10/2/2024	13:40	13.59	8.2	30.2	0.325	0	0.2	-220	0.4	2	78.62	Sample
11/6/2024	13:05	13.59	8.17	23.7	0.329	0	0.2	-213	0.33	1.5		