

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-108D

Project Location York, Pa

Purge Information

Purge Date: 9/26/2024

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): 27.23

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) 57.25

Sample Information

Sampled By: Casey Littlefield

Sample Date: 9/26/2024

Sample Time: 12:45

Sample ID: HD-MW-108D-0/1-0

Sampled Method: Positive Displacement

Unit ID: Mega Monsoon Pump 83171

Duplicate ID:

MS/MSD ID:

Notes: Historically a 3 hour purge due to lack of information on well construction.

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
9/26/2024	9:45	16.96	6.44	0	0.388	9.27	0.2	27	0.4		27.5	
9/26/2024	9:50	16.31	7.06	31.8	0.436	8.66	0.2	1	0.4	2	28.08	
9/26/2024	9:55	16.29	7.37	36.5	0.437	8.3	0.2	-14	0.4	2	28.62	
9/26/2024	10:00	16.18	7.47	39.7	0.437	7.56	0.2	-19	0.4	2	29.46	
9/26/2024	10:05	16.25	7.56	39.9	0.438	6.94	0.2	-22	0.33	2	29.9	
9/26/2024	10:10	16.26	7.63	40	0.438	6.4	0.2	-27	0.33	1.65	30.6	
9/26/2024	10:15	16.44	7.71	42.2	0.439	5.8	0.2	-30	0.33	1.65		WL's collected every 10mins.
9/26/2024	10:20	16.69	7.74	48	0.439	5.33	0.2	-31	0.3	1.65	31.42	
9/26/2024	10:25	16.77	7.77	49.8	0.439	5.04	0.2	-29	0.3	1.5		
9/26/2024	10:30	16.78	7.79	50	0.439	4.74	0.2	-34	0.26	1.5	31.78	
9/26/2024	10:35	16.57	7.8	54.2	0.439	4.43	0.2	-34	0.26	1.3		
9/26/2024	10:40	16.64	7.81	54.4	0.439	4.18	0.2	-35	0.3	1.3	32.03	
9/26/2024	10:45	16.22	7.8	62.4	0.439	3.89	0.2	-34	0.33	1.5		
9/26/2024	10:50	16.38	7.78	55.7	0.44	3.39	0.2	-33	0.33	1.65	33.1	
9/26/2024	10:55	16.39	7.8	53.4	0.44	3.23	0.2	-34	0.3	1.65		
9/26/2024	11:00	16.3	7.8	50.7	0.44	3.17	0.2	-35	0.33	1.5	33.5	
9/26/2024	11:05	16.33	7.81	47	0.44	2.79	0.2	-35	0.3	1.65		
9/26/2024	11:10	16.62	7.81	45.5	0.44	2.57	0.2	-35	0.3	1.5	33.77	

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9/26/2024	11:15	16.6	7.81	44.4	0.44	2.36	0.2	-35	0.3	1.5		
9/26/2024	11:20	16.74	7.81	44	0.44	2.18	0.2	-35	0.3	1.5	33.94	
9/26/2024	11:25	16.86	7.81	43.2	0.44	2.07	0.2	-35	0.3	1.5		
9/26/2024	11:30	16.68	7.72	42.3	0.438	2.11	0.2	-35	0.3	1.5	34	
9/26/2024	11:35	16.76	7.81	49.2	0.439	1.72	0.2	-35	0.3	1.5		
9/26/2024	11:40	16.85	7.81	43.3	0.439	1.68	0.2	-35	0.3	1.5	34	
9/26/2024	11:45	16.97	7.81	39.4	0.438	1.56	0.2	-35	0.3	1.5		
9/26/2024	11:50	17.27	7.85	34.7	0.438	1.47	0.2	-37	0.3	1.5	34.03	
9/26/2024	11:55	16.93	7.83	35.5	0.437	1.41	0.2	-36	0.3	1.5		
9/26/2024	12:00	16.8	7.82	35.6	0.437	1.37	0.2	-35	0.3	1.5	33.98	
9/26/2024	12:05	16.76	7.78	30.9	0.437	1.49	0.2	-34	0.33	1.5		
9/26/2024	12:10	17.06	7.78	28.6	0.437	1.23	0.2	-34	0.33	1.65	34	
9/26/2024	12:15	16.77	7.8	29.8	0.437	1.14	0.2	-34	0.33	1.65		
9/26/2024	12:20	16.84	7.79	30.3	0.436	1.08	0.2	-34	0.33	1.65	34	
9/26/2024	12:25	16.69	7.78	26.6	0.436	1.02	0.2	-33	0.33	1.65		
9/26/2024	12:30	16.86	7.77	30.9	0.435	0.96	0.2	-33	0.3	1.65	34	
9/26/2024	12:35	16.98	7.77	29.8	0.434	1.01	0.2	-33	0.3	1.5	34	
9/26/2024	12:40	17	7.8	26.6	0.434	0.91	0.2	-34	0.3	1.5	33.98	

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9/26/2024	12:45	17.03	7.76	29.3	0.434	0.9	0.2	-34	0.3	1.5	33.99	Sample