

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Project NO: GSC.0100125300

Well ID: MW-115

Project Location York, Pa

Purge Information

Purge Date: 10/7/2025

Purged By: Casey Littlefield

Purge Technique: Well Yield Matched Purge

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 122.5

Total Depth of Well (Ft BGS): 124.5

Initial Depth to Water (Ft BGS): 25.23

Pump ID: SS Mega Monsoon Pro 83003

Water Quality Inst: Horiba U-52 W70K3YYR

Water Quality Inst ID: Horiba U-52 W70K3YY

Total Purge Vol (gal) 42.3

Sample Information

Sampled By: Casey Littlefield

Sample Date: 10/7/2025

Sample Time: 11:30

Sample ID: HD-MW-115-0/1-0

Sampled Method: Positive Displacement

Unit ID: SS Mega Monsoon Pro 83003

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
10/7/2025	9:00	16.41	6.26	1000	1.37	11	0.7	17	0.3		28.43	
10/7/2025	9:05	16.8	6.84	1000	1.35	5.66	0.7	-111	0.33	1.5	28.32	Turbidity over scale.
10/7/2025	9:10	16.75	6.86	1000	1.35	4.76	0.7	-132	0.33	1.6	28.66	
10/7/2025	9:15	16.75	6.9	1000	1.39	4.43	0.7	-139	0.33	1.6	28.78	
10/7/2025	9:20	16.81	6.93	1000	1.41	4.38	0.7	-142	0.33	1.6	28.8	
10/7/2025	9:25	16.85	6.98	1000	1.44	4.11	0.7	-147	0.33	1.6	28.9	
10/7/2025	9:30	17.15	7.08	1000	1.46	3.88	0.7	-155	0.3	1.6	28.92	
10/7/2025	9:35	17.15	7.17	1000	1.47	3.66	0.7	-162	0.33	1.5	28.91	
10/7/2025	9:40	17.01	7.21	1000	1.47	3.39	0.7	-164	0.33	1.6	28.92	
10/7/2025	9:45	17.12	7.19	1000	1.48	3.25	0.7	-164	0.33	1.6	28.92	
10/7/2025	9:50									1.6		Flushed Flow Through Cell
10/7/2025	9:55	17.23	7.03	1000	1.49	3.09	0.7	-148	0.28	1.4	28.58	
10/7/2025	10:00	17.47	7.01	1000	1.5	3.06	0.8	-150	0.28	1.4	28.46	
10/7/2025	10:05	17.57	6.99	1000	1.5	2.95	0.8	-151	0.28	1.4	28.4	
10/7/2025	10:10	17.73	6.97	1000	1.51	2.91	0.8	-151	0.26	1.4	28.33	
10/7/2025	10:15	17.74	6.95	1000	1.51	2.85	0.8	-151	0.26	1.3	28.3	
10/7/2025	10:20	18	6.94	1000	1.51	2.8	0.8	-151	0.26	1.3	28.27	
10/7/2025	10:25	17.59	6.92	1000	1.51	2.54	0.8	-150	0.28	1.3	28.3	

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10/7/2025	10:30	17.83	6.91	1000	1.52	2.62	0.8	-149	0.26	1.4	28.3	
10/7/2025	10:35	17.91	6.88	1000	1.52	2.62	0.8	-150	0.26	1.3	28.37	
10/7/2025	10:40	17.79	6.86	398	1.52	2.6	0.8	-148	0.26	1.3	28.24	
10/7/2025	10:45	17.54	6.84	303	1.52	2.4	0.8	-148	0.26	1.3	28.22	
10/7/2025	10:50	17.66	6.84	307	1.52	2.51	0.8	-148	0.26	1.3	28.33	
10/7/2025	10:55	17.65	6.83	320	1.52	2.5	0.8	-147	0.26	1.3	28.42	
10/7/2025	11:00	17.55	6.82	281	1.53	2.39	0.8	-147	0.26	1.3	28.36	
10/7/2025	11:05	17.86	6.81	278	1.53	2.44	0.8	-147	0.26	1.3	28.27	
10/7/2025	11:10	17.87	6.8	228	1.53	2.4	0.8	-147	0.26	1.3	28.24	
10/7/2025	11:15	17.81	6.79	209	1.53	2.36	0.8	-147	0.26	1.3	28.24	
10/7/2025	11:20	17.71	6.78	215	1.53	2.28	0.8	-146	0.26	1.3	28.26	
10/7/2025	11:25	17.89	6.78	227	1.53	2.34	0.8	-146	0.26	1.3	28.32	
10/7/2025	11:30	17.9	6.77	294	1.53	2.34	0.8	-146	0.26	1.3	28.3	Sample based on historical logs in which turbidity never drops below 50 NTU's