

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Well ID: MW-150

Project NO: GSC.0100125300

Project Location York, Pa

Purge Information

Purge Date: 10/2/2025

Pump ID: Mega Monsoon EE&S #83171

Purged By: Lucas Grimm

Water Quality Inst: Horiba U-52

Purge Technique: Low Flow Parameter Stabilization

Water Quality Inst ID: EE&S #81469

Purge Method: Positive Displacement

Total Purge Vol (gal) 56.85

Pump Set Depth (Ft BGS) : 182

Total Depth of Well (Ft BGS): 200

Initial Depth to Water (Ft BGS): 16.2

Sample Information

Sampled By: Lucas Grimm

Sampled Method: Positive Displacement

Sample Date: 10/2/2025

Unit ID: Mega Monsoon EE&S #83171

Sample Time: 11:40

Duplicate ID:

Sample ID: HD-MW-150-0/1-0

MS/MSD ID:

Notes: Turbidity

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
10/2/2025	8:57	11.99	6.34	48.2	0.28	0.46	0.1	166	0.48	0.96	20.47	
10/2/2025	9:02	11.72	7.16	657	0.278	0	0.1	-3	0.43	2.15	22.2	
10/2/2025	9:07	11.84	7.4	380	0.277	0	0.1	-91	0.4	2	22.11	
10/2/2025	9:12	11.8	7.46	374	0.277	0	0.1	-122	0.37	1.85	21.92	
10/2/2025	9:17	11.75	7.51	431	0.277	0	0.1	-141	0.34	1.7	21.88	
10/2/2025	9:22	11.73	7.53	571	0.277	0	0.1	-153	0.34	1.7	21.8	
10/2/2025	9:27	11.73	7.55	613	0.277	0	0.1	-162	0.34	1.7	21.79	
10/2/2025	9:32	11.71	7.58	643	0.277	0	0.1	-169	0.34	1.7	21.76	
10/2/2025	9:37	11.67	7.6	657	0.277	0	0.1	-173	0.34	1.7	21.73	
10/2/2025	9:42	11.62	7.6	596	0.276	0	0.1	-175	0.34	1.7	21.7	
10/2/2025	9:47	11.66	7.62	622	0.276	0	0.1	-179	0.34	1.7	21.6	
10/2/2025	9:52	11.64	7.63	553	0.276	0	0.1	-182	0.34	1.7	21.52	
10/2/2025	9:57	11.63	7.63	532	0.276	0	0.1	-183	0.35	1.75	21.45	
10/2/2025	10:02	11.6	7.63	496	0.276	0	0.1	-185	0.34	1.7	21.4	
10/2/2025	10:07	11.58	7.63	470	0.275	0	0.1	-186	0.34	1.7	21.37	
10/2/2025	10:12	11.55	7.63	431	0.275	0	0.1	-188	0.33	1.65	21.32	
10/2/2025	10:17	11.57	7.63	440	0.275	0	0.1	-189	0.33	1.65	20.85	
10/2/2025	10:22	11.63	7.63	421	0.275	0	0.1	-190	0.33	1.65	20.68	

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10/2/2025	10:27	11.56	7.62	417	0.275	0	0.1	-190	0.34	1.7	20.99	
10/2/2025	10:32	11.6	7.63	386	0.275	0	0.1	-191	0.34	1.7	21.05	
10/2/2025	10:37	11.74	7.64	338	0.275	0	0.1	-192	0.34	1.7	20.98	
10/2/2025	10:42	11.72	7.64	336	0.275	0	0.1	-193	0.34	1.7	20.9	
10/2/2025	10:47	11.77	7.64	248	0.275	0	0.1	-193	0.34	1.7	20.62	
10/2/2025	10:52	11.71	7.65	263	0.275	0	0.1	-194	0.34	1.7	20.58	
10/2/2025	10:57	11.73	7.66	214	0.275	0	0.1	-194	0.34	1.7	20.58	
10/2/2025	11:02	11.76	7.66	208	0.275	0	0.1	-194	0.34	1.7	20.52	
10/2/2025	11:07	11.78	7.67	209	0.275	0	0.1	-196	0.34	1.7	20.55	
10/2/2025	11:12	11.76	7.67	221	0.275	0	0.1	-196	0.33	1.65	20.55	
10/2/2025	11:17	11.8	7.68	182	0.275	0	0.1	-196	0.33	1.65	20.54	
10/2/2025	11:22	11.77	7.69	177	0.275	0	0.1	-197	0.33	1.65	20.58	
10/2/2025	11:27	11.79	7.7	149	0.275	0	0.1	-198	0.33	1.65	20.55	
10/2/2025	11:32	11.81	7.7	152	0.275	0	0.1	-198	0.33	1.65	20.56	
10/2/2025	11:37	11.85	7.71	148	0.275	0	0.1	-198	0.33	1.65	20.53	
10/2/2025	11:40								0.33	0.99		Sample collected.