

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Well ID: MW-186

Project NO: GSC.0100125300

Project Location York, Pa

Purge Information

Purge Date: 10/9/2025

Pump ID: Mega Monsoon Pro EE&S #83003

Purged By: Lucas Grimm

Water Quality Inst: Horiba U-52

Purge Technique: Low Flow Parameter Stabilization

Water Quality Inst ID: EE&S #83035

Purge Method: Positive Displacement

Total Purge Vol (gal) 43.46

Pump Set Depth (Ft BGS) : 61

Total Depth of Well (Ft BGS): 63

Initial Depth to Water (Ft BGS): 18.84

Sample Information

Sampled By: Lucas Grimm

Sampled Method: Hand Bailer

Sample Date: 10/10/2025

Unit ID: Disposable Bailer

Sample Time: 8:25

Duplicate ID:

Sample ID: HD-MW-186-0/1-0

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
10/9/2025	8:35	14.36	5.05	641	0.671	2.97	0.3	227	0.22	0.66	29.6	
10/9/2025	8:40	14.46	5.33	683	0.659	6.28	0.3	220	0.24	1.2	32.73	
10/9/2025	8:45	14.62	5.31	596	0.658	5.62	0.3	225	0.26	1.3	34.38	
10/9/2025	8:50	14.75	5.26	408	0.652	4.99	0.3	233	0.3	1.5	35.7	
10/9/2025	8:55	14.81	5.26	138	0.646	4.71	0.3	243	0.3	1.5	37.27	
10/9/2025	9:00	14.77	5.26	121	0.645	4.65	0.3	249	0.3	1.5	38.25	
10/9/2025	9:05	14.9	5.24	349	0.646	4.61	0.3	254	0.28	1.4	39.29	
10/9/2025	9:10	14.9	5.17	830	0.646	4.56	0.3	261	0.3	1.5	40.88	
10/9/2025	9:15	14.84	5.13	725	0.646	4.5	0.3	265	0.32	1.6	42.32	
10/9/2025	9:20	14.88	5.1	533	0.651	4.36	0.3	267	0.32	1.6	43.45	
10/9/2025	9:25	14.92	5.1	385	0.65	4.19	0.3	268	0.3	1.5	44.5	
10/9/2025	9:30	14.97	5.1	334	0.65	3.91	0.3	267	0.28	1.4	45.55	
10/9/2025	9:35	14.95	5.08	295	0.648	3.72	0.3	267	0.3	1.5	46.46	
10/9/2025	9:40	14.97	5.09	213	0.648	3.22	0.3	267	0.3	1.5	47.72	
10/9/2025	9:45	15.01	5.08	117	0.647	2.68	0.3	264	0.3	1.5	48.7	
10/9/2025	9:50	15	5.08	134	0.648	2.49	0.3	263	0.3	1.5	49.63	
10/9/2025	9:55	14.97	5.08	123	0.648	2.47	0.3	263	0.3	1.5	50.84	
10/9/2025	10:00	14.97	5.1	127	0.649	2.25	0.3	260	0.32	1.6	52.12	

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10/9/2025	10:05	15.04	5.09	140	0.649	2.09	0.3	259	0.3	1.5	53.42	
10/9/2025	10:10	14.98	5.09	150	0.649	1.96	0.3	257	0.3	1.5	54.8	
10/9/2025	10:15	14.93	5.09	115	0.647	1.89	0.3	256	0.3	1.5	55.69	
10/9/2025	10:20	14.96	5.1	107	0.646	1.85	0.3	255	0.28	1.4	56.7	
10/9/2025	10:25	15.06	5.11	75.8	0.646	1.77	0.3	251	0.28	1.4	57.39	
10/9/2025	10:30	15.14	5.11	68.5	0.649	1.71	0.3	249	0.26	1.3	58.4	
10/9/2025	10:35	15.28	5.15	64.6	0.653	1.65	0.3	246	0.26	1.3	59.65	
10/9/2025	10:40	15.32	5.17	68	0.655	1.63	0.3	244	0.25	1.25	60.1	
10/9/2025	10:45	15.33	5.19	59.8	0.655	1.62	0.3	241	0.26	1.3	60.65	
10/9/2025	10:50	15.42	5.2	80.3	0.654	1.6	0.3	238	0.25	1.25	61.04	
10/9/2025	10:55	15.91	5.2	121	0.653	1.56	0.3	235	0.25	1.25		Water level below top of pump.
10/9/2025	11:00	15.73	5.21	467	0.652	1.6	0.3	234	0.25	1.25		
10/9/2025	11:05	15.69	5.22	663	0.652	1.62	0.3	232	0.25	1.25		
10/9/2025	11:06								0.25	0.25		Well purged dry.