

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Well ID: MW-111

Project NO: GSC.0100125300

Project Location York, Pa

Purge Information

Purge Date: 10/3/2025

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) 87.63

Pump Set Depth (Ft BGS) : 147

Total Depth of Well (Ft BGS): 149

Initial Depth to Water (Ft BGS): 29.64

Sample Information

Sampled By: Lucas Grimm

Sampled Method: Positive Displacement

Sample Date: 10/3/2025

Unit ID: Mega Monsoon EE&S #83171

Sample Time: 12:43

Duplicate ID:

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

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
10/3/2025	8:43	9.77	6.57	96.1	0.348	0.12	0.2	-35	0.41	1.23	30.54	
10/3/2025	8:48	9.87	7.15	36.4	0.352	0	0.2	-150	0.41	2.05	31.7	
10/3/2025	9:03	10.01	7.35	21.7	0.351	0	0.2	-185	0.4	2	34.65	
10/3/2025	9:08	10.04	7.36	20.6	0.351	0	0.2	-196	0.37	1.85	35.67	
10/3/2025	9:13	10.05	7.36	18.5	0.35	0	0.2	-198	0.4	2	36.58	
10/3/2025	9:18	10.04	7.38	17.4	0.35	0	0.2	-201	0.4	2	37.83	
10/3/2025	9:23	10.08	7.39	14.5	0.35	0	0.2	-203	0.4	2	39.09	
10/3/2025	9:28	10.07	7.41	14	0.349	0	0.2	-205	0.34	1.7	39.87	
10/3/2025	9:33	10.08	7.42	13.1	0.349	0	0.2	-207	0.34	1.7	40.52	
10/3/2025	9:38	10.08	7.44	13.5	0.349	0	0.2	-209	0.4	2	41.8	
10/3/2025	9:43	10.11	7.47	12.2	0.349	0	0.2	-213	0.4	2	42.44	
10/3/2025	9:48	10.12	7.49	13.1	0.349	0	0.2	-215	0.4	2	43.88	
10/3/2025	9:53	9.93	7.26	26.2	0.351	0	0.2	-175	0.38	1.9	32.8	
10/3/2025	9:58	9.94	7.32	26.5	0.351	0	0.2	-185	0.4	2	33.84	
10/3/2025	10:03	10.29	7.56	12.7	0.348	0	0.2	-221	0.34	1.7	46.79	
10/3/2025	10:08	10.33	7.58	13.4	0.348	0	0.2	-222	0.35	1.75	47.31	
10/3/2025	10:13	10.36	7.59	12.5	0.348	0	0.2	-223	0.37	1.85	49.35	
10/3/2025	10:18	10.36	7.6	12.9	0.348	0	0.2	-224	0.43	2.15	50.28	



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10/3/2025	10:23	10.41	7.61	12.4	0.348	0	0.2	-225	0.43	2.15	51.35	
10/3/2025	10:28	10.43	7.63	12.6	0.348	0	0.2	-225	0.43	2.15	52.33	
10/3/2025	10:33	10.54	7.65	12.7	0.347	0	0.2	-226	0.4	2	53.47	
10/3/2025	10:38	10.65	7.68	12.7	0.347	0	0.2	-227	0.38	1.9	54.29	
10/3/2025	10:43	10.66	7.71	12.8	0.347	0	0.2	-229	0.4	2	55.44	
10/3/2025	10:48	10.68	7.75	13.2	0.347	0	0.2	-229	0.38	1.9	56.32	
10/3/2025	10:53	10.8	7.88	13.7	0.347	0	0.2	-236	0.35	1.75	57.53	
10/3/2025	10:58	10.81	7.89	15	0.347	0	0.2	-235	0.35	1.75	58.23	
10/3/2025	11:03	10.95	7.91	14.9	0.347	0	0.2	-237	0.35	1.75	58.99	
10/3/2025	11:08	11.04	7.97	16	0.347	0	0.2	-237	0.33	1.65	60	
10/3/2025	11:13	10.9	7.9	16.2	0.347	0	0.2	-235	0.35	1.75	60.86	
10/3/2025	11:18	11.1	7.95	16.7	0.347	0	0.2	-237	0.35	1.75	61.74	
10/3/2025	11:23	11.14	7.96	18.3	0.346	0	0.2	-238	0.32	1.6	62.65	
10/3/2025	11:28	11.28	7.95	18.8	0.346	0	0.2	-237	0.32	1.6	63.33	
10/3/2025	11:33	11.25	7.99	19.3	0.346	0	0.2	-239	0.32	1.6	64.1	
10/3/2025	11:38	11.19	7.96	19.9	0.346	0	0.2	-238	0.32	1.6	64.94	
10/3/2025	11:43	11.35	7.99	19.9	0.346	0	0.2	-238	0.32	1.6	65.67	
10/3/2025	11:48	11.35	7.98	20.7	0.346	0	0.2	-240	0.32	1.6	66.27	

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10/3/2025	11:53	11.43	7.94	21.8	0.345	0	0.2	-238	0.31	1.55	67.29	
10/3/2025	11:58	11.43	7.95	21.8	0.345	0	0.2	-238	0.31	1.55	68.11	
10/3/2025	12:03	11.21	7.91	22.4	0.345	0	0.2	-237	0.32	1.6	69.05	
10/3/2025	12:08	11.52	7.93	22.3	0.345	0	0.2	-238	0.33	1.65	70.4	
10/3/2025	12:13	11.47	7.94	23	0.344	0	0.2	-239	0.33	1.65	70.9	
10/3/2025	12:18	11.62	7.97	22.1	0.343	0	0.2	-240	0.32	1.6	71.6	
10/3/2025	12:23	11.39	7.94	22.2	0.343	0	0.2	-239	0.33	1.65	72.63	
10/3/2025	12:28	11.66	7.97	22	0.342	0	0.2	-241	0.32	1.6	73.72	
10/3/2025	12:33	11.51	7.98	22.5	0.342	0	0.2	-241	0.32	1.6	74.25	
10/3/2025	12:38	11.54	8	21.6	0.341	0	0.2	-244	0.32	1.6	75.19	
10/3/2025	12:43								0.32	1.6		Sample collected.