

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Project NO: GSC.0100125300

Well ID: MW-108D

Project Location York, Pa

Purge Information

Purge Date: 9/25/2025

Purged By: Lucas Grimm

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): 25.02

Pump ID: Mega Monsoon EE&S #83171

Water Quality Inst: Horiba U-52

Water Quality Inst ID: EE&S #81469

Total Purge Vol (gal) 55.6

Sample Information

Sampled By: Lucas Grimm

Sample Date: 9/25/2025

Sample Time: 12:43

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

Sampled Method: Positive Displacement

Unit ID: Mega Monsoon EE&S #83171

Duplicate ID:

MS/MSD ID:

Notes: Historically a three 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
9/25/2025	9:43	12.72	7.23	66.5	0.446	0.26	0.2	134	0.5	1.5	27.75	
9/25/2025	9:48	14.45	7.38	76.1	0.445	0.21	0.2	128	0.26	1.3	28.17	
9/25/2025	9:53	14.44	7.44	68.6	0.445	0.24	0.2	124	0.3	1.5	28.55	
9/25/2025	9:58	14.38	7.47	61.4	0.446	0.2	0.2	120	0.3	1.5	28.9	
9/25/2025	10:03	14.61	7.49	60.5	0.445	0.19	0.2	117	0.28	1.4	29.12	
9/25/2025	10:08	14.97	7.51	58.7	0.445	0.19	0.2	113	0.33	1.65	29.32	
9/25/2025	10:13	15.26	7.52	58.9	0.445	0.2	0.2	110	0.33	1.65	29.45	
9/25/2025	10:18	14.58	7.52	59.7	0.446	0.18	0.2	106	0.33	1.65	29.72	
9/25/2025	10:23	14.7	7.52	56.6	0.446	0.17	0.2	99	0.3	1.5	30.07	
9/25/2025	10:28	14.52	7.53	58.4	0.446	0.17	0.2	94	0.3	1.5	30.2	
9/25/2025	10:33	15.36	7.54	53.9	0.445	0.18	0.2	89	0.3	1.5	30.37	Sunlight affecting temperature of water in above ground tubing.
9/25/2025	10:38	15.23	7.55	51.7	0.445	0.2	0.2	86	0.28	1.4	30.46	
9/25/2025	10:43	14.54	7.54	55	0.445	0.21	0.2	84	0.33	1.65	30.59	
9/25/2025	10:48	14.56	7.54	49.7	0.445	0.21	0.2	80	0.33	1.65	30.78	
9/25/2025	10:53	14.15	7.54	48.4	0.445	0.19	0.2	78	0.3	1.5	31.02	
9/25/2025	10:58	14.35	7.54	47.3	0.444	0.22	0.2	76	0.3	1.5	31.11	
9/25/2025	11:03	14.57	7.53	46.6	0.444	0.23	0.2	75	0.28	1.4	31.16	

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9/25/2025	11:08	14.37	7.52	47.7	0.443	0.26	0.2	75	0.3	1.5	31.22	
9/25/2025	11:13	14.41	7.52	47.5	0.443	0.26	0.2	74	0.3	1.5	31.34	
9/25/2025	11:18	14.61	7.51	41.9	0.442	0.26	0.2	73	0.3	1.5	31.4	
9/25/2025	11:23	14.81	7.51	47.3	0.441	0.32	0.2	73	0.28	1.4	31.43	
9/25/2025	11:28	14.64	7.5	38.8	0.441	0.34	0.2	73	0.3	1.5	31.42	
9/25/2025	11:33	14.68	7.49	40.3	0.44	0.34	0.2	73	0.28	1.4	31.42	
9/25/2025	11:38	14.85	7.48	39.4	0.44	0.36	0.2	73	0.3	1.5	31.44	
9/25/2025	11:43	14.93	7.48	32	0.44	0.4	0.2	73	0.3	1.5	31.47	
9/25/2025	11:48	15.04	7.48	33.2	0.439	0.37	0.2	73	0.28	1.4	31.45	
9/25/2025	11:53	15.15	7.48	33.1	0.439	0.38	0.2	72	0.3	1.5	31.47	
9/25/2025	11:58	14.97	7.47	37.7	0.438	0.41	0.2	73	0.3	1.5	31.47	
9/25/2025	12:03	14.73	7.47	35.1	0.438	0.4	0.2	72	0.33	1.65	31.42	
9/25/2025	12:08	15.04	7.46	35.9	0.438	0.42	0.2	71	0.3	1.5	31.38	
9/25/2025	12:13	15.06	7.46	34.7	0.438	0.43	0.2	70	0.3	1.5	31.38	
9/25/2025	12:18	14.9	7.45	33.1	0.437	0.44	0.2	69	0.3	1.5	31.39	
9/25/2025	12:23	15.12	7.45	34.4	0.437	0.44	0.2	67	0.3	1.5	31.41	
9/25/2025	12:28	15.07	7.44	33.4	0.436	0.44	0.2	66	0.3	1.5	31.37	
9/25/2025	12:33	15.04	7.44	33.2	0.436	0.45	0.2	66	0.3	1.5	31.39	

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9/25/2025	12:38	15.14	7.44	33.4	0.436	0.44	0.2	62	0.3	1.5	31.37	
9/25/2025	12:43								0.3	1.5		Sample Collected.