

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Well ID: MW-142D

Project NO: GSC.0100125300

Project Location York, Pa

Purge Information

Purge Date: 10/1/2025

Pump ID: SS Mega Monsoon Pro 83003

Purged By: Casey Littlefield

Water Quality Inst: Horiba U-52 W70K3YYR

Purge Technique: Low Flow Parameter Stabilization

Water Quality Inst ID: Horiba U-52 W70K3YY

Purge Method: Positive Displacement

Total Purge Vol (gal) 49

Pump Set Depth (Ft BGS) : 135

Total Depth of Well (Ft BGS): 151

Initial Depth to Water (Ft BGS): 15.97

Sample Information

Sampled By: Casey Littlefield

Sampled Method: Hand Bailer

Sample Date: 10/2/2025

Unit ID:

Sample Time: 14:05

Duplicate ID:

Sample ID: HD-MW-142D-0/1-0

MS/MSD ID:

Notes: RWL = 15.61

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
10/1/2025	12:05	14.24	7.4	0	0.356	2.87	0.2	57	0.3		18.01	
10/1/2025	12:10	14.17	7.36	0	0.36	2.12	0.2	20	0.3	1.5	23.8	
10/1/2025	12:15	14.48	7.34	0	0.36	1.95	0.2	-15	0.26	1.5	28.15	
10/1/2025	12:20	14.71	7.34	0	0.36	1.89	0.2	-32	0.28	1.3	31.81	
10/1/2025	12:25	14.41	7.33	0	0.36	1.87	0.2	-42	0.25	1.4	36.77	
10/1/2025	12:30	14.42	7.31	0	0.36	1.85	0.2	-46	0.3	1.25	40.33	
10/1/2025	12:35	14.44	7.29	0	0.359	1.82	0.2	-50	0.26	1.5	44.98	
10/1/2025	12:40	14.54	7.28	0	0.359	1.81	0.2	-51	0.25	1.3	47.98	
10/1/2025	12:45	14.62	7.27	0	0.358	1.82	0.2	-49	0.22	1.25	49.26	
10/1/2025	12:50	14.46	7.26	0	0.358	1.89	0.2	-45	0.3	1.1	54.4	
10/1/2025	12:55	14.54	7.25	0	0.358	1.96	0.2	-42	0.26	1.5	57.45	
10/1/2025	13:00	14.7	7.26	0	0.357	2.02	0.2	-36	0.26	1.3	61.38	
10/1/2025	13:05	14.59	7.26	0	0.357	2.08	0.2	-33	0.26	1.3	63.95	
10/1/2025	13:10	14.51	7.26	0	0.356	2.21	0.2	-28	0.23	1.3	66.85	
10/1/2025	13:15	14.78	7.26	0	0.356	2.35	0.2	-21	0.23	1.15	69.69	
10/1/2025	13:20	14.71	7.26	0	0.356	2.39	0.2	-17	0.3	1.15	74.2	
10/1/2025	13:25	15.01	7.27	0	0.356	2.55	0.2	-13	0.3	1.5	75.68	
10/1/2025	13:30	14.8	7.27	0	0.355	2.47	0.2	-11	0.23	1.5	78.72	

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Date	Time	Temp. °C	pH SU	Turb NTU	Con. mS/cm	DO mg/L	Sal	ORP	Pr g/m	Pv gal.	DTW feet	Notes
10/1/2025	13:35	14.89	7.27	0	0.355	2.56	0.2	-14	0.3	1.15	83.35	
10/1/2025	13:40	15.07	7.28	0	0.355	2.69	0.2	-13	0.3	1.5	87.11	
10/1/2025	13:45	14.98	7.27	0	0.355	2.66	0.2	-13	0.26	1.5	89.08	
10/1/2025	13:50	15.03	7.26	0	0.355	2.56	0.2	-19	0.25	1.3	90.35	
10/1/2025	13:55	15.2	7.25	0	0.355	2.59	0.2	-24	0.28	1.25	93.45	
10/1/2025	14:00	15.21	7.25	0	0.355	2.59	0.2	-28	0.3	1.4	97.33	
10/1/2025	14:05	15.26	7.27	0	0.356	2.74	0.2	-28	0.26	1.5	99.95	
10/1/2025	14:10	15.56	7.26	0	0.355	2.62	0.2	-31	0.22	1.3	100.14	
10/1/2025	14:15	15.48	7.24	0	0.354	2.47	0.2	-39	0.3	1.1	105.15	
10/1/2025	14:20	15.37	7.27	0	0.355	2.7	0.2	-41	0.23	1.5	108.2	
10/1/2025	14:25	15.56	7.27	0	0.355	2.78	0.2	-44	0.25	1.15	110.2	
10/1/2025	14:30	15.63	7.27	0	0.356	2.66	0.2	-46	0.3	1.25	114	Well is not going to stablize. Increase rate.
10/1/2025	14:35	15.46	7.27	0	0.356	2.81	0.2	-47	0.44	1.5	120.38	
10/1/2025	14:40	15.37	7.31	0	0.358	3.12	0.2	-38	0.44	2.2	126.05	
10/1/2025	14:45	15.48	7.29	0	0.359	3.04	0.2	-34	0.44	2.2	128.98	
10/1/2025	14:50	15.59	7.18	0	0.368	2.03	0.2	-32	0.44	2.2	133.45	
10/1/2025	14:53								0.44	2.2		De-water well