

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Project NO: GSC.0100125300

Well ID: MW-112

Project Location York, Pa

Purge Information

Purge Date: 10/6/2025

Purged By: Casey Littlefield

Purge Technique: Well Yield Matched Purge

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 117.5

Total Depth of Well (Ft BGS): 117.5

Initial Depth to Water (Ft BGS): 51.36

Pump ID: SS Mega Monsoon Pro 83003

Water Quality Inst: Horiba U-52 W70K3YYR

Water Quality Inst ID: Horiba U-52 W70K3YY

Total Purge Vol (gal) 13.8

Sample Information

Sampled By: Casey Littlefield

Sample Date: 10/6/2025

Sample Time: 13:30

Sample ID: HD-MW-112-0/1-0

Sampled Method: Positive Displacement

Unit ID: SS Mega Monsoon Pro 83003

Duplicate ID: HD-QC3-0/1-1

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
10/6/2025	12:45	19.31	7.14	12.3	1.43	5.26	1.5	125	0.22		53.17	
10/6/2025	12:50	17.35	6.87	64.6	8.55	2.63	4.5	96	0.3	1.1	53.42	Full Sun
10/6/2025	12:55	16.96	6.9	15	6.98	2.39	3.8	73	0.3	1.5	53.96	
10/6/2025	13:00	16.9	6.88	3.4	6.93	2.37	3.8	71	0.4	1.5	54.25	Reduce rate
10/6/2025	13:05	17.16	6.87	8.2	6.88	2.31	3.8	74	0.3	2	53.87	
10/6/2025	13:10	17.25	6.86	7.3	6.86	2.28	3.7	78	0.3	1.5	53.78	
10/6/2025	13:15	17.29	6.86	5.8	6.77	2.24	3.7	81	0.3	1.5	53.52	
10/6/2025	13:20	17.28	6.84	3.9	6.7	2.22	3.7	86	0.33	1.5	53.68	Recording average rate. WL is bouncing due to rate flux.
10/6/2025	13:25	17.02	6.84	0	6.61	2.21	3.6	92	0.33	1.6	53.96	
10/6/2025	13:30	16.85	6.83	0	6.58	2.18	3.6	97	0.3	1.6	53.85	