

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling
Project NO: GSC.0100125300

Well ID: MW-20S
Project Location York, Pa

Purge Information

Purge Date: 9/29/2025
Purged By: Lucas Grimm
Purge Technique: Low Flow Parameter Stabilization
Purge Method: Positive Displacement
Pump Set Depth (Ft BGS): 49
Total Depth of Well (Ft BGS): 61
Initial Depth to Water (Ft BGS): 42.97

Pump ID: Mega Monsoon EE&S #83171
Water Quality Inst: Horiba U-52
Water Quality Inst ID: EE&S #81469
Total Purge Vol (gal) 8.55

Sample Information

Sampled By: Lucas Grimm
Sample Date: 9/30/2025
Sample Time: 8:50
Sample ID: HD-MW-20S-0/1-0

Sampled Method: Hand Bailer
Unit ID: Disposable Bailer
Duplicate ID:
MS/MSD ID:

Notes: RWL = 43.02'

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
9/29/2025	9:50	13.87	4.7	55.4	0.379	4.49	0.2	250	0.15	0.3	44.2	
9/29/2025	9:55	14.51	4.67	41.7	0.404	4.45	0.2	264	0.16	0.8	44.81	
9/29/2025	10:00	14.35	4.64	17.3	0.403	4.31	0.2	27	0.16	0.8	45.46	
9/29/2025	10:05	14.17	4.57	12	0.393	4.06	0.2	282	0.19	0.95	46	
9/29/2025	10:10	14.11	4.56	8.5	0.386	3.92	0.2	286	0.19	0.95	46.54	
9/29/2025	10:15	13.58	4.54	10.8	0.384	3.82	0.2	292	0.2	1		WL below top of pump.
9/29/2025	10:20	13.76	4.51	10	0.378	3.66	0.2	296	0.2	1		
9/29/2025	10:25	13.94	4.51	6.8	0.378	3.58	0.2	300	0.19	0.95		
9/29/2025	10:30	13.4	4.5	3.6	0.376	3.66	0.2	300	0.2	1		
9/29/2025	10:34								0.2	0.8		Dewater well.
9/30/2025	8:50											Sample collected.