

fYNOP Groundwater Sample Purge Log

Sampling Event: TI Area 1 Quarterly Sampling Event

Well ID: MW-5

Project NO: 10012.47

Project Location York, Pa

Purge Information

Purge Date: 6/24/2025

Pump ID: Monsoon Pump EE&S# 83165

Purged By: Lucas Grimm

Water Quality Inst: Horiba U-52

Purge Technique: Low Flow Parameter Stabilization

Water Quality Inst ID: EE&S# 82909

Purge Method: Positive Displacement

Total Purge Vol (gal) 18.88

Pump Set Depth (Ft BGS) : 41

Total Depth of Well (Ft BGS): 53

Initial Depth to Water (Ft BGS): 21.07

Sample Information

Sampled By: Lucas Grimm

Sampled Method: Positive Displacement

Sample Date: 6/24/2025

Unit ID: Monsoon Pump EE&S# 83165

Sample Time: 12:43

Duplicate ID:

Sample ID: HD-MW-5-0/1-0

MS/MSD ID:

Notes: Initial pH and specific conductivity lower than historical values.

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
6/24/2025	11:51	16.14	5.98	0	0.489	1.11	0.2	264	0.43	0	21.13	
6/24/2025	11:56	16.12	5.83	0	0.477	1.35	0.2	264	0.4	2.15	21.18	
6/24/2025	12:01	16.34	5.68	0	0.471	1.33	0.2	268	0.37	2	21.23	
6/24/2025	12:06	16.33	5.59	0	0.472	1.32	0.2	271	0.37	1.85	21.26	
6/24/2025	12:11	16.34	5.54	0	0.472	1.3	0.2	273	0.37	1.85	21.28	
6/24/2025	12:16	16.32	5.51	0	0.472	1.27	0.2	274	0.34	1.85	21.31	
6/24/2025	12:21	16.89	6.17	0	0.555	1.21	0.2	239	0.34	1.7	21.31	
6/24/2025	12:26	17.4	6.28	0	0.61	1.09	0.3	236	0.34	1.7	21.31	
6/24/2025	12:31	17.39	6.3	0	0.554	0.9	0.3	233	0.34	1.7	21.31	
6/24/2025	12:36	17.34	6.31	0	0.554	0.9	0.3	232	0.34	1.7	21.32	
6/24/2025	12:41	17.38	6.31	0	0.554	0.89	0.3	233	0.34	1.7	21.31	
6/24/2025	12:43									0.68		Sample collected.