

fYNOP Groundwater Sample Purge Log

Sampling Event: TI Area 1 Quarterly Sampling Event

Well ID: MW-101S

Project NO: 10012.47

Project Location York, Pa

Purge Information

Purge Date: 6/25/2024

Pump ID: Mega Monsoon EE&S #83165

Purged By: Lucas Grimm

Water Quality Inst: Horiba U-52 EE&S #82910

Purge Technique: Low Flow Parameter Stabilization

Water Quality Inst ID: Horiba U-52 EE&S #82

Purge Method: Positive Displacement

Total Purge Vol (gal) 13.86

Pump Set Depth (Ft BGS) : 36

Total Depth of Well (Ft BGS): 40

Initial Depth to Water (Ft BGS): 17.16

Sample Information

Sampled By: Lucas Grimm

Sampled Method: Positive Displacement

Sample Date: 6/25/2024

Unit ID: Mega Monsoon EE&S #83165

Sample Time: 11:12

Duplicate ID:

Sample ID: HD-MW-101S-0/1-0

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
6/25/2024	10:29	15.99	7.68	25.4	1.02	0.67	0.5	157	0.4	0	17.2	
6/25/2024	10:34	13.51	7.41	111	1.02	0.65	0.5	165	0.32	2	17.19	
6/25/2024	10:39	13.9	7.53	20.9	1.01	1.23	0.5	154	0.29	1.6	17.19	
6/25/2024	10:44	13.95	7.52	7.6	1.01	0.7	0.5	152	0.32	1.45	17.2	
6/25/2024	10:49	14.07	7.45	4.1	1.01	0.5	0.5	153	0.32	1.6	17.2	Rising outdoor temperature/sun may cause high-biased temperature readings.
6/25/2024	10:54	14.03	7.44	3.3	1.01	0.46	0.5	153	0.32	1.6	17.19	
6/25/2024	10:59	14.05	7.43	2.1	1.01	0.39	0.5	152	0.32	1.6	17.2	
6/25/2024	11:04	14.07	7.42	1.9	1.01	0.37	0.5	151	0.29	1.6	17.2	
6/25/2024	11:09	13.99	7.43	2.2	1.01	0.36	0.5	149	0.32	1.45	17.2	
6/25/2024	11:12									0.96		Sample collected.