

fYNOP Groundwater Sample Purge Log

Sampling Event: TI Area 1 Quarterly Sampling Event

Project NO: 10012.47

Well ID: MW-101D

Project Location York, Pa

Purge Information

Purge Date: 6/25/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 111

Total Depth of Well (Ft BGS): 117

Initial Depth to Water (Ft BGS): 16.89

Pump ID: Mega Monsoon EE&S #83165

Water Quality Inst: Horiba U-52

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

Total Purge Vol (gal) 22.09

Sample Information

Sampled By: Lucas Grimm

Sample Date: 6/25/2024

Sample Time: 9:50

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

Sampled Method: Positive Displacement

Unit ID: Mega Monsoon EE&S #83165

Duplicate ID:

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	8:17	13.59	7.11	121	0.914	1.01	0.4	150	0.44	0	17.04	
6/25/2024	8:22	13.55	7.63	10.2	0.893	0.39	0.4	75	0.15	2.2	24.97	
6/25/2024	8:27	13.58	7.81	9.3	0.862	0.11	0.4	47	0.23	0.75	27.05	
6/25/2024	8:32	13.71	7.95	8.8	0.856	0	0.4	38	0.24	1.15	29.44	
6/25/2024	8:37	13.62	7.96	8.6	0.858	0	0.4	35	0.23	1.2	31.48	
6/25/2024	8:42	13.67	7.83	6.7	0.865	0	0.4	44	0.23	1.15	33.79	
6/25/2024	8:47	13.65	7.89	5.3	0.873	0	0.4	31	0.23	1.15	35	
6/25/2024	8:52	13.69	7.91	3.4	0.869	0	0.4	25	0.24	1.15	37.83	
6/25/2024	8:57	13.63	7.82	3.4	0.868	0	0.4	17	0.24	1.2	39.03	
6/25/2024	9:02	13.7	7.83	2.7	0.87	0	0.4	10	0.23	1.2	39.62	
6/25/2024	9:07	13.81	7.89	2.5	0.877	0	0.4	-6	0.21	1.15	40.28	
6/25/2024	9:12	13.74	7.89	1.9	0.882	0	0.4	-15	0.23	1.05	41.41	
6/25/2024	9:17	13.73	7.89	2	0.882	0	0.4	-16	0.23	1.15	42.03	
6/25/2024	9:22	13.75	7.87	1.7	0.884	0	0.4	-19	0.21	1.15	42.61	Sun may cause high-biased temperature readings.
6/25/2024	9:27	13.85	7.85	1.6	0.885	0	0.4	-14	0.23	1.05	42.91	
6/25/2024	9:32	13.92	7.8	1.5	0.891	0	0.4	-14	0.23	1.15	43.09	
6/25/2024	9:37	13.93	7.79	1.2	0.891	0	0.4	-13	0.24	1.15	43.21	

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6/25/2024	9:47	13.92	7.8	1.3	0.893	0	0.4	-12	0.23	1.2	43.25	
6/25/2024	9:50									0.69		Sample collected.