

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Well ID: MW-2

Project NO: 10012.52

Project Location York, Pa

Purge Information

Purge Date: 10/1/2024

Pump ID: Mega Monsoon Pump 83171

Purged By: Casey Littlefield

Water Quality Inst: Horiba U-52 16675

Purge Technique: Well Yield Matched Purge

Water Quality Inst ID: Horiba U-52 16675

Purge Method: Positive Displacement

Total Purge Vol (gal) 20.9

Pump Set Depth (Ft BGS) : 83

Total Depth of Well (Ft BGS): 121

Initial Depth to Water (Ft BGS): 71.42

Sample Information

Sampled By: Casey Littlefield

Sampled Method: Positive Displacement

Sample Date: 10/1/2024

Unit ID: Mega Monsoon Pump 83171

Sample Time: 11:25

Duplicate ID:

Sample ID: HD-MW-2-0/1-0

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
10/1/2024	9:50	13.25	5.31	1.1	0.275	6.57	0.1	266	0.22		71.8	
10/1/2024	9:55	13.26	5.29	0.4	0.254	6.37	0.1	270	0.2	1.1	72.05	
10/1/2024	10:00	13.52	5.19	0	0.224	5.2	0.1	287	0.25	1	72.53	
10/1/2024	10:05	13.4	5.17	0	0.215	5.8	0.1	215	0.25	1.25	73.2	
10/1/2024	10:10	13.43	5.14	0	0.214	5.8	0.1	214	0.22	1.25	73.7	
10/1/2024	10:15	13.47	5.14	0	0.214	5.74	0.1	307	0.22	1.1	74.35	
10/1/2024	10:20	13.57	5.15	0	0.213	5.6	0.1	309	0.22	1.1	74.79	
10/1/2024	10:25	13.76	5.09	0	0.213	5.19	0.1	311	0.22	1.1	75.2	
10/1/2024	10:30	13.82	5.1	0	0.213	5.1	0.1	309	0.22	1.1	75.4	
10/1/2024	10:35	13.66	5.16	0	0.212	5.6	0.1	304	0.22	1.1	76	
10/1/2024	10:40	13.64	5.13	0	0.212	5.45	0.1	304	0.25	1.1	76.35	
10/1/2024	10:45	13.71	5.13	0	0.211	5.5	0.1	295	0.25	1.25	76.79	
10/1/2024	10:50	13.77	5.13	0	0.211	5.35	0.1	297	0.22	1.25	77.1	
10/1/2024	10:55	13.8	5.17	0	0.211	5.38	0.1	294	0.22	1.1	77.3	
10/1/2024	11:00	13.83	5.15	0	0.211	5.29	0.1	293	0.2	1.1	77.6	
10/1/2024	11:05	14.04	5.15	0	0.21	5.07	0.1	292	0.2	1	77.75	
10/1/2024	11:10	14.08	5.16	0	0.21	5.11	0.1	288	0.2	1	77.8	
10/1/2024	11:15	14.31	5.2	0	0.21	5.12	0.1	273	0.2	1	77.83	

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10/1/2024	11:20	14.44	5.21	0	0.209	5.07	0.1	266	0.2	1	77.84	
10/1/2024	11:25	14.4	5.2	0	0.209	5.11	0.1	267	0.19	1	77.84	Sample