

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-115

Project Location York, Pa

Purge Information

Purge Date: 10/7/2024

Purged By: Jason Fritz

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 122.5

Total Depth of Well (Ft BGS): 124.5

Initial Depth to Water (Ft BGS): 25.5

Pump ID: Mega Monsoon EE&S 83171

Water Quality Inst: Horiba U-52

Water Quality Inst ID: Horiba U-52 EE&S 814

Total Purge Vol (gal) 37.15

Sample Information

Sampled By: Jason Fritz

Sample Date: 10/7/2024

Sample Time: 11:40

Sample ID: HD-MW-115-0/1-0

Sampled Method: Positive Displacement

Unit ID: Mega Monsoon EE&S 83171

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
10/7/2024	9:08	15.27	6.73	548	1.3	4.22	0.6	-59	0.23	1.15	29.76	
10/7/2024	9:13	15.48	7.19	1000	1.29	1.26	0.6	-165	0.23	1.15	28.99	Turbidity > 1000 NTU
10/7/2024	9:18	15.55	7.14	1000	1.27	1.09	0.6	-169	0.24	1.2	28.46	
10/7/2024	9:23	15.52	7.14	1000	1.28	0.88	0.6	-184	0.24	1.2	28.58	
10/7/2024	9:28	15.52	7.13	1000	1.33	0.79	0.7	-186	0.24	1.2	28.79	
10/7/2024	9:33	15.54	7.19	1000	1.36	0.73	0.7	-192	0.24	1.2	28.54	
10/7/2024	9:38	15.61	7.16	1000	1.39	0.68	0.7	-192	0.25	1.25	28.65	
10/7/2024	9:43	15.87	7.21	1000	1.4	0.64	0.7	-196	0.24	1.2	28.48	
10/7/2024	9:48	15.84	7.21	800	1.41	0.63	0.7	-196	0.24	1.2	28.45	Turbidity > 800 NTU
10/7/2024	9:53	15.89	7.2	800	1.42	0.61	0.7	-197	0.24	1.2	28.42	
10/7/2024	9:58	15.95	7.19	690	1.43	0.58	0.7	-195	0.24	1.2	28.46	
10/7/2024	10:03	15.99	7.18	646	1.43	0.57	0.7	-197	0.24	1.2	28.4	
10/7/2024	10:08	16.09	7.17	623	1.44	0.55	0.7	-196	0.24	1.2	28.38	
10/7/2024	10:13	16.08	7.16	624	1.44	0.54	0.7	-196	0.24	1.2	28.42	
10/7/2024	10:18	16.15	7.16	662	1.44	0.53	0.7	-194	0.24	1.2	28.37	
10/7/2024	10:23	16.24	7.14	608	1.45	0.52	0.7	-195	0.24	1.2	28.35	
10/7/2024	10:28	16.17	7.14	589	1.45	0.51	0.7	-196	0.24	1.2	28.39	
10/7/2024	10:33	16.25	7.13	537	1.45	0.49	0.7	-196	0.24	1.2	28.34	

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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
10/7/2024	10:38	16.17	7.14	566	1.45	0.49	0.7	-196	0.24	1.2	28.35	
10/7/2024	10:43	16.35	7.15	543	1.46	0.47	0.7	-197	0.24	1.2	28.32	
10/7/2024	10:48	16.35	7.16	462	1.46	0.47	0.7	-198	0.24	1.2	28.35	
10/7/2024	10:53	16.32	7.13	431	1.46	0.47	0.7	-195	0.24	1.2	28.34	
10/7/2024	10:58	16.31	7.13	388	1.46	0.46	0.7	-195	0.24	1.2	28.3	
10/7/2024	11:03	16.36	7.11	424	1.47	0.46	0.7	-195	0.24	1.2	28.32	
10/7/2024	11:08	16.56	7.12	409	1.47	0.46	0.7	-195	0.24	1.2	28.35	
10/7/2024	11:13	16.46	7.12	391	1.46	0.45	0.7	-196	0.24	1.2	28.31	
10/7/2024	11:18	16.44	7.14	357	1.46	0.43	0.7	-197	0.24	1.2	28.29	
10/7/2024	11:23	16.57	7.11	389	1.46	0.43	0.7	-195	0.24	1.2	28.31	
10/7/2024	11:28	16.17	7.13	320	1.47	0.43	0.7	-196	0.24	1.2	28.34	
10/7/2024	11:33	16.3	7.14	293	1.47	0.42	0.7	-196	0.24	1.2	28.32	
10/7/2024	11:38	16.69	7.12	319	1.47	0.42	0.7	-196	0.24	1.2	28.29	
10/7/2024	11:40											Sample collected. Turbidity historically difficult to stabilize.