

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-16S

Project Location York, Pa

Purge Information

Purge Date: 10/4/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 104

Total Depth of Well (Ft BGS): 108

Initial Depth to Water (Ft BGS): 3.33

Pump ID: EE&S Mega Monsoon Pro #83003

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

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

Total Purge Vol (gal) 45.85

Sample Information

Sampled By: Lucas Grimm

Sample Date: 10/4/2024

Sample Time: 11:40

Sample ID: HD-MW-16S-0/1-0

Sampled Method: Positive Displacement

Unit ID: EE&S Mega Monsoon Pro #83003

Duplicate ID:

MS/MSD ID:

Notes: Turbidity historically difficult to stabilize and high at time of sample collection.

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
10/4/2024	9:12	16.09	6.08	64.9	0.507	2.49	0.2	184	0.37	0	5.49	
10/4/2024	9:17	15.59	6.14	608	0.503	0	0.2	12	0.3	1.85	12.62	
10/4/2024	9:22	15.73	6.21	1000	0.5	0	0.2	-13	0.3	1.5	15.17	Turbidity Out of Range.
10/4/2024	9:27	16.18	6.49	984	0.493	0	0.2	-50	0.3	1.5	20.78	
10/4/2024	9:32	16.33	6.56	1000	0.491	0	0.2	-64	0.26	1.5	23.95	
10/4/2024	9:37	16.45	6.6	1000	0.485	0	0.2	-77	0.28	1.3	26.35	
10/4/2024	9:42	14.25	6.54	719	0.422	0	0.2	-47	0.3	1.4	27.41	
10/4/2024	9:47	14.25	6.62	1000	0.422	0	0.2	-72	0.3	1.5	28	
10/4/2024	9:52	14.21	6.65	957	0.421	0	0.2	-81	0.3	1.5	28.77	
10/4/2024	9:57	14.24	6.67	851	0.422	0	0.2	-86	0.3	1.5	29.29	
10/4/2024	10:02	14.17	6.78	777	0.421	0	0.2	-91	0.3	1.5	30.37	
10/4/2024	10:07	14.24	6.71	542	0.421	0	0.2	-91	0.3	1.5	30.79	
10/4/2024	10:12	14.31	6.71	730	0.421	0	0.2	-93	0.34	1.5	32.07	
10/4/2024	10:17	14.24	6.71	715	0.42	0	0.2	-94	0.34	1.7	33.51	
10/4/2024	10:22	14.28	6.71	690	0.421	0	0.2	-95	0.34	1.7	32.11	
10/4/2024	10:27	14.14	6.71	684	0.421	0	0.2	-97	0.34	1.7	33.9	
10/4/2024	10:32	14.23	6.72	541	0.421	0	0.2	-98	0.34	1.7	36.24	
10/4/2024	10:37	14.3	6.72	447	0.421	0	0.2	-98	0.34	1.7	37.4	

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Date	Time	Temp. °C	pH SU	Turb NTU	Con. mS/cm	DO mg/L	Sal	ORP	Pr g/m	Pv gal.	DTW feet	Notes
10/4/2024	10:42	14.45	6.73	524	0.421	0	0.2	-100	0.34	1.7	38.27	
10/4/2024	10:47	14.41	6.73	472	0.421	0	0.2	-100	0.3	1.7	39.84	
10/4/2024	10:52	14.45	6.75	489	0.421	0	0.2	-103	0.3	1.5	39.9	
10/4/2024	10:57	14.36	6.76	441	0.422	0	0.2	-107	0.3	1.5	40.78	
10/4/2024	11:02	14.51	6.84	500	0.421	0	0.2	-106	0.3	1.5	41.45	
10/4/2024	11:07	14.51	6.82	487	0.421	0	0.2	-107	0.3	1.5	42	
10/4/2024	11:12	14.51	6.82	475	0.421	0	0.2	-108	0.3	1.5	42.22	
10/4/2024	11:17	14.51	6.82	459	0.422	0	0.2	-109	0.3	1.5	42.39	
10/4/2024	11:22	14.54	6.83	434	0.421	0	0.2	-109	0.3	1.5	42.47	
10/4/2024	11:27	14.52	6.84	432	0.421	0	0.2	-111	0.3	1.5	42.5	
10/4/2024	11:32	14.55	6.85	450	0.422	0	0.2	-111	0.3	1.5	42.55	
10/4/2024	11:37	14.59	6.85	439	0.422	0	0.2	-112	0.3	1.5	42.53	
10/4/2024	11:40									0.9		Sample Collected.