

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-143S

Project Location York, Pa

Purge Information

Purge Date: 10/7/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 52.5

Total Depth of Well (Ft BGS): 54.5

Initial Depth to Water (Ft BGS): 38.06

Pump ID: EE&S Mega Monsoon Pro #82741

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

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

Total Purge Vol (gal) 17.45

Sample Information

Sampled By: Lucas Grimm

Sample Date: 10/7/2024

Sample Time: 10:40

Sample ID: HD-MW-143S-0/1-0

Sampled Method: Positive Displacement

Unit ID: EE&S Mega Monsoon Pro #82741

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	9:18	14.34	4.37	1000	0.362	4.39	0.2	377	0.34	0	38.57	
10/7/2024	9:23	14.4	4.25	993	0.344	2.55	0.2	385	0.23	1.7	38.85	
10/7/2024	9:28	14.72	4.2	286	0.324	2.88	0.2	392	0.22	1.15	39.08	
10/7/2024	9:33	14.85	4.2	127	0.328	2.77	0.2	391	0.21	1.1	39.1	
10/7/2024	9:38	14.88	4.21	71.7	0.331	2.54	0.2	391	0.21	1.05	39.15	
10/7/2024	9:43	15.06	4.22	37.6	0.335	2.18	0.2	390	0.21	1.05	39.22	
10/7/2024	9:48	15.13	4.24	24.2	0.341	1.87	0.2	385	0.2	1.05	39.23	
10/7/2024	9:53	15.05	4.25	19.4	0.342	1.7	0.2	386	0.2	1	39.27	
10/7/2024	9:58	15.14	4.26	17.4	0.342	1.63	0.2	388	0.2	1	39.31	
10/7/2024	10:03	15.17	4.26	8.3	0.343	1.56	0.2	390	0.21	1	39.33	
10/7/2024	10:08	15.32	4.27	5.5	0.344	1.46	0.2	391	0.21	1.05	39.32	Sun is out and may affect temperature readings.
10/7/2024	10:13	15.28	4.27	3.4	0.345	1.44	0.2	393	0.21	1.05	39.34	
10/7/2024	10:18	15.23	4.27	1.5	0.346	1.43	0.2	393	0.21	1.05	39.35	Well stabilized, continue purging until 17.35 gallons purged.
10/7/2024	10:23	15.13	4.27	1.2	0.344	1.4	0.2	397	0.21	1.05	39.38	
10/7/2024	10:28	15.2	4.28	0	0.345	1.38	0.2	400	0.21	1.05	39.37	
10/7/2024	10:33	15.23	4.3	0	0.346	1.39	0.2	400	0.21	1.05	39.38	
10/7/2024	10:38	15.25	4.31	0	0.346	1.37	0.2	402	0.21	1.05	39.39	

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10/7/2024	10:40									1.05		Sample Collected.