

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: 3/19/2024
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): 15.9

Pump ID: Mega Monsoon EE&S #83072
Water Quality Inst: Horiba U-52
Water Quality Inst ID: Horiba U-52 EE&S #81
Total Purge Vol (gal) 23.8

Sample Information

Sampled By: Lucas Grimm
Sample Date: 3/19/2024
Sample Time: 10:20
Sample ID: HD-MW-101D-0/1-0

Sampled Method: Positive Displacement
Unit ID: Mega Monsoon EE&S #83072
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
3/19/2024	8:40	10.06	5.64	2.8	0.901	2.16	0.4	-20	0.22	0	15.98	
3/19/2024	8:45	10.86	6.32	60	0.935	0.61	0.5	-6	0.23	1.1	19.57	
3/19/2024	8:50	10.58	6.48	24.6	0.935	0.45	0.5	6	0.24	1.15	22.13	
3/19/2024	8:55	11.74	6.6	12.1	0.902	0.41	0.4	19	0.24	1.2	25.11	Sun is out and beginning to warm tubing; could cause elevated temperature readings.
3/19/2024	9:00	11.84	6.61	9.6	0.896	0.27	0.4	26	0.25	1.2	27.25	
3/19/2024	9:05	11.98	6.72	8.4	0.892	0.22	0.4	26	0.24	1.25	31.12	
3/19/2024	9:10	12.15	6.84	6.7	0.896	0.2	0.4	24	0.24	1.2	33.89	
3/19/2024	9:15	12.17	6.96	4.4	0.898	0.22	0.4	23	0.24	1.2	36.45	
3/19/2024	9:20	12.22	6.89	5	0.905	0.24	0.4	22	0.24	1.2	39.05	
3/19/2024	9:25	12.21	7.02	3.3	0.905	0.2	0.5	-6	0.23	1.2	39.8	
3/19/2024	9:30	12.27	6.94	2.8	0.91	0.19	0.5	-34	0.24	1.15	40.59	
3/19/2024	9:35	12.34	6.93	2.3	0.916	0.19	0.5	-48	0.25	1.2	41.35	
3/19/2024	9:40	12.32	6.93	2.2	0.918	0.17	0.5	-58	0.24	1.25	41.95	
3/19/2024	9:45	12.35	6.91	1.9	0.919	0.16	0.5	-68	0.24	1.2	42.76	
3/19/2024	9:50	12.31	6.93	1.9	0.923	0.15	0.5	-73	0.23	1.2	43	
3/19/2024	9:55	12.39	6.92	1.6	0.925	0.13	0.5	-77	0.24	1.15	43.5	
3/19/2024	10:00	12.33	6.92	1.7	0.926	0.13	0.5	-79	0.24	1.2	43.78	

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3/19/2024	10:05	12.32	6.93	1.9	0.926	0.12	0.5	-79	0.24	1.2	44.01	
3/19/2024	10:10	12.28	6.95	1.3	0.928	0.11	0.5	-80	0.23	1.2	44.03	
3/19/2024	10:15	12.29	6.95	1.5	0.931	0.11	0.5	-79	0.24	1.15	44	
3/19/2024	10:20									1.2		Sample Collected.