

fYNOP Groundwater Sample Purge Log

Sampling Event: TI Area 1 Quarterly Sampling Event

Well ID: MW-101D

Project NO: 10012.47

Project Location York, Pa

Purge Information

Purge Date: 12/17/2024

Pump ID: Monsoon 83165

Purged By: Scott Morgan

Water Quality Inst: Horiba U52 82910

Purge Technique: Low Flow Parameter Stabilization

Water Quality Inst ID: Horiba U52 82910

Purge Method: Positive Displacement

Total Purge Vol (gal) 31.9

Pump Set Depth (Ft BGS) : 111

Total Depth of Well (Ft BGS): 117

Initial Depth to Water (Ft BGS): 16.8

Sample Information

Sampled By: Scott Morgan

Sampled Method: Positive Displacement

Sample Date: 12/17/2024

Unit ID: Monsoon 83165

Sample Time: 10:48

Duplicate ID:

Sample ID: HD-MW-101D-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
12/17/2024	8:40	12.49	7.02	37.2	0.828	7.39	0.4	73	0.33	1.65	32.1	Flow cell leaking, repaired
12/17/2024	8:45	12.58	6.88	34.9	0.822	6.16	0.4	54	0.36	1.8	34.5	pump shut off, neg. termal loose, repaired
12/17/2024	8:50	12.74	7.01	23.1	0.831	7.05	0.4	68	0.3	1.5	35.6	
12/17/2024	8:55	12.69	6.94	15	0.833	8.49	0.4	30	0.16	0.8	37.38	
12/17/2024	9:00	12.81	6.92	12	0.836	8.23	0.4	21	0.3	1.5	38.66	
12/17/2024	9:05	12.76	6.93	8.6	0.84	7.48	0.4	7	0.25	1.25	39.91	
12/17/2024	9:10	12.8	6.79	6.7	0.843	6.85	0.4	8	0.22	1.1	40.32	
12/17/2024	9:15	12.82	6.79	6.1	0.846	5.91	0.4	7	0.3	1.5	40.78	
12/17/2024	9:20	12.89	6.9	4.7	0.853	5.41	0.4	-2	0.25	1.25	41.86	
12/17/2024	9:25	12.85	6.95	3.4	0.851	4.93	0.4	-2	0.25	1.25	42.2	
12/17/2024	9:30	12.83	6.99	3.1	0.855	4.57	0.4	-4	0.23	1.15	42.2	
12/17/2024	9:35	12.92	6.94	3.3	0.86	4.38	0.4	-2	0.25	1.25	43.17	
12/17/2024	9:40	12.86	6.95	2.5	0.862	4.03	0.4	-2	0.25	1.25	44.25	
12/17/2024	9:45	12.87	6.98	2.3	0.86	3.81	0.4	-5	0.23	1.15	44.28	
12/17/2024	9:50	12.88	7.01	2.2	0.86	3.49	0.4	-8	0.18	0.9	43.8	
12/17/2024	9:55	12.93	7.03	2.2	0.862	3.34	0.4	-11	0.23	1.15	44.43	
12/17/2024	10:00	12.93	7.04	1.7	0.864	3.14	0.4	-10	0.23	1.15	44.57	

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12/17/2024	10:05	12.95	7.06	1.2	0.864	2.99	0.4	-10	0.23	1.15	45.09	
12/17/2024	10:10	12.95	7.12	1.3	0.861	2.8	0.4	-11	0.23	1.15	45.48	
12/17/2024	10:15	12.91	7.12	1.4	0.861	2.7	0.4	-10	0.23	1.15	45.58	
12/17/2024	10:20	12.9	7.14	1.2	0.862	2.56	0.4	-12	0.23	1.15	45.64	
12/17/2024	10:25	12.95	7.16	1.2	0.864	2.47	0.4	-13	0.23	1.15	45.75	
12/17/2024	10:30	12.95	7.14	1.1	0.864	2.31	0.4	-13	0.25	1.25	46.04	
12/17/2024	10:35	12.94	7.25	1	0.864	2.28	0.4	-18	0.22	1.1	45.59	
12/17/2024	10:40	12.95	7.19	0.9	0.865	2.24	0.4	-13	0.22	1.1	45.54	
12/17/2024	10:45	12.99	7.18	0.4	0.868	2.17	0.4	-13	0.22	1.1	45.62	