

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: Cole Steel MW-12

Project Location York, Pa

Purge Information

Purge Date: 10/3/2024

Purged By: Casey Littlefield

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 47.5

Total Depth of Well (Ft BGS): 49.4

Initial Depth to Water (Ft BGS): 12.72

Pump ID: Mega Monsoon Pump 83171

Water Quality Inst: Horiba U-52 16675

Water Quality Inst ID: Horiba U-52 16675

Total Purge Vol (gal) 32.9

Sample Information

Sampled By: Casey Littlefield

Sample Date: 10/4/2024

Sample Time: 9:43

Sample ID: HD-Cole Steel MW-12-0/1-0

Sampled Method: Hand Bailer

Unit ID:

Duplicate ID:

MS/MSD ID:

Notes: RWL = 26.30

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
10/3/2024	10:10	17.52	7.34	30	2.35	3.91	1.5	180	0.3		12.44	
10/3/2024	10:15	17.2	7.67	7.3	3.11	0.73	1.6	-56	0.3	1.5	14.76	
10/3/2024	10:20	17.31	7.82	4.7	2.69	0.71	1.4	-54	0.28	1.5	16.8	
10/3/2024	10:25	17.25	7.97	3.3	2.44	0.91	1.3	-39	0.28	1.4	18.9	
10/3/2024	10:30	17.42	8.02	2	2.39	1.15	1.2	-12	0.28	1.4	20	
10/3/2024	10:35	17.38	8.05	0.8	2.37	1.44	1.2	15	0.25	1.4	21.7	
10/3/2024	10:40	17.38	8.07	0.7	2.36	2.73	1.2	42	0.3	1.3	23.62	
10/3/2024	10:45	17.41	8.08	0.5	2.35	1.65	1.2	52	0.3	1.5	25.65	
10/3/2024	10:50	17.24	8.08	0.7	2.35	1.69	1.2	57	0.28	1.5	27.7	
10/3/2024	10:55	17.3	8.08	1	2.36	1.65	1.1	61	0.28	1.4	30.3	
10/3/2024	11:00	17.43	8.09	1.3	2.35	1.61	1.2	62	0.28	1.4	31.9	
10/3/2024	11:05	17.6	8.09	1.6	2.35	1.55	1.2	65	0.28	1.4	33.06	
10/3/2024	11:10	17.75	8.08	1.6	2.34	1.38	1.2	67	0.3	1.4	35.48	
10/3/2024	11:15	17.69	8.09	2	2.35	1.64	1.2	67	0.4	1.5	37	
10/3/2024	11:20	17.83	8.08	2.2	2.34	1.68	1.2	68	0.4	2	38.42	
10/3/2024	11:25	17.85	8.09	3.7	2.33	1.8	1.2	74	0.4	2	40.02	
10/3/2024	11:30	17.99	8.11	6.6	2.32	1.43	1.2	75	0.26	2	41.82	
10/3/2024	11:35	17.96	8.11	7.2	2.31	1.22	1.2	67	0.26	1.3	42.6	

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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
10/3/2024	11:40	17.97	8.14	9.4	2.3	0.9	1.2	50	0.3	1.3	43.44	
10/3/2024	11:45	17.69	8.09	12.7	2.26	0.6	1.2	35	0.28	1.5	44.45	
10/3/2024	11:50	17.37	8.01	19.5	2.29	0.35	1.2	23	0.28	1.4		WL below top of pump.
10/3/2024	11:55	17.35	7.88	39.3	2.65	0.29	1.4	-14	0.26	1.4		
10/3/2024	11:58								0.26	1.4		De-water well