

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Well ID: Cole Steel MW-12

Project NO: GSC.0100125300

Project Location York, Pa

Purge Information

Purge Date: 10/2/2025

Pump ID: SS Mega Monsoon Pro 83003

Purged By: Casey Littlefield

Water Quality Inst: Horiba U-52 W70K3YYR

Purge Technique: Low Flow Parameter Stabilization

Water Quality Inst ID: Horiba U-52 W70K3YY

Purge Method: Positive Displacement

Total Purge Vol (gal) 23.4

Pump Set Depth (Ft BGS) : 47.5

Total Depth of Well (Ft BGS): 49.4

Initial Depth to Water (Ft BGS): 12.72

Sample Information

Sampled By: Casey Littlefield

Sampled Method: Hand Bailer

Sample Date: 10/3/2025

Unit ID:

Sample Time: 7:42

Duplicate ID:

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

MS/MSD ID:

Notes: RWL = 28.22

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
10/2/2025	10:05	16.51	7.3	20.7	3.03	2.81	1.5	54	0.44		14.05	
10/2/2025	10:10	16.45	7.35	21.2	2.24	1.9	1.1	-71	0.33	2.2	15.18	
10/2/2025	10:15	16.52	7.54	32.6	1.51	2.2	0.7	-87	0.22	1.6	18.8	
10/2/2025	10:20	16.74	7.92	23.1	1.16	2.42	0.6	-80	0.22	1.1	20.75	
10/2/2025	10:25	16.76	7.84	14.6	1.1	2.58	0.5	-50	0.22	1.1	22.44	
10/2/2025	10:30	16.83	7.85	12.7	1.09	2.65	0.5	-38	0.22	1.1	23.88	
10/2/2025	10:35	16.77	7.85	13.9	1.08	2.75	0.5	-26	0.25	1.1	26.05	
10/2/2025	10:40	16.84	7.84	34.1	1.08	2.83	0.5	-15	0.25	1.25	28.4	
10/2/2025	10:45	16.9	7.85	45.1	1.08	2.92	0.5	-16	0.25	1.25	30.9	
10/2/2025	10:50	16.99	7.87	50.9	1.07	3.05	0.5	-14	0.26	1.25	33.34	
10/2/2025	10:55	17.16	7.88	34.1	1.07	3.11	0.5	-9	0.23	1.3	35.23	
10/2/2025	11:00	17.26	7.87	23.8	1.07	3.2	0.5	-5	0.26	1.15	37.55	
10/2/2025	11:05	17.36	7.86	19.8	1.07	3.36	0.5	5	0.26	1.3	38.96	
10/2/2025	11:10	17.53	7.88	17.4	1.06	3.46	0.5	11	0.26	1.3	39.89	
10/2/2025	11:15	17.65	7.9	17.64	1.06	3.54	0.5	18	0.26	1.3	40.74	
10/2/2025	11:20	17.69	7.87	17.7	1.05	3.14	0.5	23	0.25	1.3	41.9	
10/2/2025	11:25	17.5	7.83	28.7	1.05	2.47	0.5	17	0.25	1.25	43.23	
10/2/2025	11:30	17.46	7.74	24.8	1.02	2	0.5	9	0.26	1.25	44.88	

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10/2/2025	11:35								0.26	1.3		De-water well