

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Well ID: CW-2

Project NO: GSC.0100125300

Project Location York, Pa

Purge Information

Purge Date: 9/30/2025

Pump ID: Mega Monsoon EE&S #83171

Purged By: Lucas Grimm

Water Quality Inst: Horiba U-52

Purge Technique: Low Flow Parameter Stabilization

Water Quality Inst ID: EE&S #81469

Purge Method: Positive Displacement

Total Purge Vol (gal) 37.85

Pump Set Depth (Ft BGS) : 79

Total Depth of Well (Ft BGS): 97

Initial Depth to Water (Ft BGS): 30.66

Sample Information

Sampled By: Lucas Grimm

Sampled Method: Positive Displacement

Sample Date: 9/30/2025

Unit ID: Mega Monsoon EE&S #83171

Sample Time: 12:32

Duplicate ID:

Sample ID: HD-CW-2-0/1-0

MS/MSD ID:

Notes: Turbidity stabilized for the last hour of purging. Based on review of historic purge logs, the decision was made to sample the well.

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
9/30/2025	9:20	11.15	6.44	324	1.06	0	0.5	9	0.28	0.84	31.73	
9/30/2025	9:25	11.68	6.53	328	1.05	0	0.5	-29	0.24	1.2	32.57	
9/30/2025	9:30	11.83	6.53	228	1.05	0	0.5	-34	0.22	1.1	33.01	
9/30/2025	9:35	12.02	6.53	129	1.06	0	0.5	-39	0.2	1	33.51	
9/30/2025	9:40	11.93	6.55	102	1.06	0	0.5	-42	0.22	1.1	33.92	
9/30/2025	9:45	12.08	6.56	84.5	1.06	0	0.5	-45	0.17	0.85	34.35	
9/30/2025	9:50	11.93	6.57	73.2	1.06	0	0.5	-48	0.2	1	34.93	
9/30/2025	9:55	12.06	6.58	80.2	1.06	0	0.5	-51	0.2	1	35.36	
9/30/2025	10:00	11.92	6.59	71.7	1.06	0	0.5	-52	0.22	1.1	35.84	
9/30/2025	10:05	12.19	6.6	64.9	1.06	0	0.5	-54	0.2	1	36.17	
9/30/2025	10:10	12.29	6.61	64.7	1.06	0	0.5	-56	0.19	0.95	36.53	
9/30/2025	10:15	12.18	6.63	60.2	1.06	0	0.5	-58	0.2	1	36.9	
9/30/2025	10:20	12.29	6.63	56.8	1.06	0	0.5	-59	0.2	1	37.33	
9/30/2025	10:25	12.31	6.65	56.2	1.06	0	0.5	-61	0.2	1	37.83	
9/30/2025	10:30	12.25	6.65	60.1	1.07	0	0.5	-61	0.2	1	38	
9/30/2025	10:35	12.35	6.65	54.7	1.07	0	0.5	-62	0.19	0.95	38.35	
9/30/2025	10:40	12.31	6.65	52.3	1.07	0	0.5	-63	0.19	0.95	38.8	
9/30/2025	10:45	12.36	6.65	58.4	1.07	0	0.5	-64	0.22	1.1	39.05	

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9/30/2025	10:50	12.27	6.65	55.7	1.07	0	0.5	-64	0.2	1	39.58	
9/30/2025	10:55	12.42	6.65	51.7	1.07	0	0.5	-65	0.2	1	40.04	
9/30/2025	11:00	12.49	6.65	50.9	1.07	0	0.5	-65	0.19	0.95	40.38	
9/30/2025	11:05	12.39	6.65	50	1.07	0	0.5	-65	0.19	0.95	40.69	
9/30/2025	11:10	12.48	6.63	48.3	1.07	0	0.5	-62	0.19	0.95	41	
9/30/2025	11:15	12.48	6.65	47.1	1.07	0	0.5	-65	0.19	0.95	41.49	
9/30/2025	11:20	12.4	6.68	49.9	1.07	0	0.5	-68	0.2	1	41.82	
9/30/2025	11:25	12.33	6.67	45.6	1.07	0	0.5	-68	0.2	1	42.19	
9/30/2025	11:30	12.47	6.67	44.9	1.07	0	0.5	-70	0.18	0.9	42.7	
9/30/2025	11:35	12.57	6.69	44.4	1.07	0	0.5	-74	0.18	0.9	42.99	
9/30/2025	11:40	12.75	6.71	44.4	1.07	0	0.5	-78	0.17	0.85	43.2	
9/30/2025	11:45	12.77	6.73	43.5	1.07	0	0.5	-78	0.17	0.85	43.44	
9/30/2025	11:50	12.89	6.8	46.5	1.07	0	0.5	-79	0.17	0.85	43.65	
9/30/2025	11:55	12.7	6.79	43	1.07	0	0.5	-76	0.18	0.9	43.93	
9/30/2025	12:00	12.64	6.75	42	1.07	0	0.5	-75	0.18	0.9	44.55	
9/30/2025	12:05	12.69	6.8	42.8	1.07	0	0.5	-77	0.18	0.9	44.95	
9/30/2025	12:10	12.63	6.81	43.2	1.07	0	0.5	-77	0.18	0.9	45.39	
9/30/2025	12:15	12.7	6.83	43.2	1.07	0	0.5	-78	0.18	0.9	45.62	

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9/30/2025	12:20	12.73	6.82	43.2	1.07	0	0.5	-78	0.18	0.9	45.79	
9/30/2025	12:25	12.62	6.82	43.8	1.07	0	0.5	-77	0.18	0.9	45.82	
9/30/2025	12:30	12.69	6.83	43.6	1.07	0	0.5	-79	0.18	0.9	45.91	
9/30/2025	12:32								0.18	0.36		Sample collected.