

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Project NO: GSC.0100125300

Well ID: MW-16S

Project Location York, Pa

Purge Information

Purge Date: 9/30/2025

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS) : 104

Total Depth of Well (Ft BGS): 108

Initial Depth to Water (Ft BGS): 1.77

Pump ID: Mega Monsoon EE&S #83171

Water Quality Inst: Horiba U-52

Water Quality Inst ID: EE&S #81469

Total Purge Vol (gal) 38.75

Sample Information

Sampled By: Lucas Grimm

Sample Date: 9/30/2025

Sample Time: 15:10

Sample ID: HD-MW-16S-0/1-0

Sampled Method: Positive Displacement

Unit ID: Mega Monsoon EE&S #83171

Duplicate ID:

MS/MSD ID:

Notes: Turbidity historically difficult to stabilize and high at time of sample collection.

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	13:07	11.43	7.15	402	0.41	0	0.2	-147	0.26	1.3	12.33	
9/30/2025	13:12	11.5	7.15	356	0.413	0	0.2	-140	0.28	1.4	14.11	
9/30/2025	13:17	12.28	7.17	396	0.413	0	0.2	-133	0.28	1.4	16.23	
9/30/2025	13:22	12.45	7.15	445	0.413	0	0.2	-133	0.26	1.3	20.79	
9/30/2025	13:27	11.67	7.11	513	0.414	0	0.2	-132	0.3	1.5	26.64	
9/30/2025	13:32	11.64	7.09	578	0.414	0	0.2	-132	0.3	1.5	27.59	
9/30/2025	13:37	11.56	7.08	356	0.414	0	0.2	-133	0.34	1.7	28.63	
9/30/2025	13:42	11.61	7.1	384	0.414	0	0.2	-135	0.34	1.7	29.43	
9/30/2025	13:47	11.46	7.11	398	0.415	0	0.2	-136	0.34	1.7	30.78	
9/30/2025	13:52	11.59	7.12	564	0.415	0	0.2	-137	0.37	1.85	32.89	
9/30/2025	13:57	11.66	7.12	582	0.415	0	0.2	-138	0.34	1.7	33.2	
9/30/2025	14:02	11.65	7.12	720	0.415	0	0.2	-138	0.32	1.6	33.7	
9/30/2025	14:07	11.57	7.12	551	0.415	0	0.2	-138	0.34	1.7	34.25	
9/30/2025	14:12	11.46	7.12	357	0.416	0	0.2	-138	0.34	1.7	35.33	
9/30/2025	14:17	11.54	7.13	290	0.415	0	0.2	-139	0.34	1.7	36.8	
9/30/2025	14:22	11.6	7.14	322	0.415	0	0.2	-139	0.34	1.7	37.51	
9/30/2025	14:27	11.64	7.13	299	0.416	0	0.2	-139	0.34	1.7	38.35	
9/30/2025	14:32	11.52	7.13	436	0.417	0	0.2	-141	0.34	1.7	39.14	

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9/30/2025	14:37	11.63	7.13	349	0.417	0	0.2	-141	0.3	1.5	40.64	
9/30/2025	14:42	11.6	7.13	373	0.417	0	0.2	-141	0.3	1.5	41.52	
9/30/2025	14:47	11.56	7.13	333	0.417	0	0.2	-141	0.3	1.5	41.98	
9/30/2025	14:52	11.67	7.13	350	0.417	0	0.2	-142	0.3	1.5	42.13	
9/30/2025	14:57	11.63	7.13	329	0.417	0	0.2	-142	0.3	1.5	42.22	
9/30/2025	15:07	11.69	7.13	334	0.417	0	0.2	-142	0.3	1.5	42.18	
9/30/2025	15:10								0.3	0.9		