

fYNOP Groundwater Sample Purge Log

Sampling Event: 2025 Comprehensive Sampling

Well ID: MW-69

Project NO: GSC.0100125300

Project Location York, Pa

Purge Information

Purge Date: 10/1/2025

Pump ID: 2" Grundfos EE&S #16111

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) 188.92

Pump Set Depth (Ft BGS) : 122

Total Depth of Well (Ft BGS): 124

Initial Depth to Water (Ft BGS): 13.73

Sample Information

Sampled By: Lucas Grimm

Sampled Method: Hand Bailer

Sample Date: 10/2/2025

Unit ID: Disposable Bailer

Sample Time: 14:22

Duplicate ID:

Sample ID: HD-MW-69-0/1-0

MS/MSD ID:

Notes: Approximately 30' of tubing outside of well to reach purge tank. Temperatures affected by sunlight. RWL = 102.90'

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
10/1/2025	9:22	11.49	6.02	23.6	0.453	1.01	0.2	78	0.43	2.15	13.98	
10/1/2025	9:27	11.15	6.77	655	0.475	0	0.2	-75	0.56	2.8	15.28	
10/1/2025	9:32	11.08	6.92	245	0.474	0	0.2	-116	0.73	3.65	17.6	
10/1/2025	9:37	11.08	6.84	174	0.474	0	0.2	-127	0.73	3.65	19.79	
10/1/2025	9:42	11.17	7.19	146	0.474	0	0.2	-151	0.79	3.95	21.4	
10/1/2025	9:47	11.09	6.95	121	0.474	0	0.2	-145	0.79	3.95	24.14	
10/1/2025	9:52	11.21	7.11	118	0.474	0	0.2	-159	0.73	3.65	25.9	
10/1/2025	9:57	11.16	7.28	106	0.474	0	0.2	-172	0.73	3.65	27.58	
10/1/2025	10:02	11.22	7.31	97.4	0.474	0	0.2	-177	0.73	3.65	29.86	
10/1/2025	10:07	11.27	7.33	89.7	0.474	0	0.2	-181	0.68	3.4	31.74	
10/1/2025	10:12	11.28	7.3	95.6	0.475	0	0.2	-184	0.79	3.95	34.05	
10/1/2025	10:17	11.32	7.35	108	0.475	0	0.2	-189	0.79	3.95	35.98	
10/1/2025	10:22	11.2	7.04	95.3	0.475	0	0.2	-174	0.79	3.95	38.15	
10/1/2025	10:27	11.24	7.11	92.1	0.476	0	0.2	-180	0.79	3.95	40.22	
10/1/2025	10:32	11.29	7.16	88.8	0.476	0	0.2	-185	0.73	3.65	42.58	
10/1/2025	10:37	11.37	7.26	78.1	0.475	0	0.2	-185	0.73	3.65	44.49	
10/1/2025	10:42	11.4	7.39	76.4	0.475	0	0.2	-201	0.73	3.65	46.5	
10/1/2025	10:47	11.36	7.26	55.3	0.475	0	0.2	-196	0.79	3.95	48.82	

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10/1/2025	10:52	11.4	7.37	59.4	0.474	0	0.2	-203	0.73	3.65	50.27	
10/1/2025	10:57	11.5	7.45	43.1	0.471	0	0.2	-211	0.73	3.65	52.99	
10/1/2025	11:02	11.44	7.22	37.6	0.468	0	0.2	-202	0.79	3.95	54.7	
10/1/2025	11:07	11.48	7.3	39.6	0.464	0	0.2	-210	0.73	3.65	57.61	
10/1/2025	11:12	11.48	7.28	25.2	0.459	0	0.2	-214	0.73	3.65	59.87	
10/1/2025	11:17	11.6	7.3	30.8	0.449	0	0.2	-223	0.73	3.65	62.43	
10/1/2025	11:22	11.44	7.29	18.7	0.443	0	0.2	-229	0.73	3.65	64.55	
10/1/2025	11:27	11.54	7.29	18.1	0.439	0	0.2	-234	0.79	3.95	66.83	
10/1/2025	11:32	11.64	7.32	20.8	0.433	0	0.2	-242	0.79	3.95	69.88	
10/1/2025	11:37	11.61	7.29	16.3	0.429	0	0.2	-244	0.86	4.3	72.25	
10/1/2025	11:42	11.69	7.35	18.6	0.418	0	0.2	-250	0.79	3.95	74.89	
10/1/2025	11:47	11.83	7.41	17.7	0.412	0	0.2	-254	0.79	3.95	77.01	
10/1/2025	11:52	11.89	7.75	18.6	0.407	0	0.2	-276	0.73	3.65	79.74	
10/1/2025	11:57	11.94	7.8	19.1	0.405	0	0.2	-278	0.73	3.65	81.43	
10/1/2025	12:02	11.87	7.57	19.8	0.404	0	0.2	-268	0.86	4.3	83.88	
10/1/2025	12:07	12.04	7.74	22.7	0.424	0	0.2	-277	0.73	3.65	86.18	
10/1/2025	12:12	12.03	7.69	32.8	0.401	0	0.2	-275	0.79	3.95	87.98	
10/1/2025	12:17	12.05	7.78	23.6	0.398	0	0.2	-282	0.79	3.95	90.4	

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10/1/2025	12:22	12.2	7.88	23.9	0.396	0	0.2	-289	0.79	3.95	93.33	
10/1/2025	12:27	12.29	7.88	25.2	0.397	0	0.2	-290	0.68	3.4	94.69	
10/1/2025	12:32	12.39	7.89	27	0.394	0	0.2	-293	0.79	3.95	97.17	
10/1/2025	12:37	12.3	7.79	29.4	0.396	0	0.2	-288	0.79	3.95	99.17	
10/1/2025	12:42	12.42	7.87	29.9	0.392	0	0.2	-293	0.79	3.95	101.49	
10/1/2025	12:47	12.46	7.9	27.1	0.389	0	0.2	-295	0.79	3.95	103.28	
10/1/2025	12:52	12.45	7.84	29.3	0.388	0	0.2	-293	0.79	3.95	105.36	
10/1/2025	12:57	12.49	7.9	27.5	0.384	0	0.2	-295	0.73	3.65	107.9	
10/1/2025	13:02	12.59	7.89	31.2	0.377	0	0.2	-294	0.73	3.65	110.15	
10/1/2025	13:07	12.73	7.91	29.9	0.373	0	0.2	-294	0.68	3.4	111.94	
10/1/2025	13:12	12.64	7.8	37.2	0.36	0	0.2	-286	0.73	3.65	114.25	
10/1/2025	13:17	12.83	7.86	31.9	0.34	0	0.2	-281	0.73	3.65	116.46	
10/1/2025	13:22	12.88	7.82	35.8	0.335	0	0.2	-271	0.68	3.4	118.57	
10/1/2025	13:27	13.09	7.81	38.1	0.331	0	0.2	-261	0.68	3.4	120.85	
10/1/2025	13:31								0.68	2.72		De-water well.
10/2/2025	14:22											Sample collected.