

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-148A (136-136.5)

Project Location York, Pa

Purge Information

Purge Date: 10/7/2024

Purged By: Casey Littlefield

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Bladder Pump

Pump Set Depth (Ft BGS): 136.5

Total Depth of Well (Ft BGS): 136.5

Initial Depth to Water (Ft BGS): 2740.8

Pump ID: Double Ball Dedicated

Water Quality Inst: Horiba U-52 16675

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Total Purge Vol (gal) 4.45

Sample Information

Sampled By: Casey Littlefield

Sample Date: 10/7/2024

Sample Time: 12:40

Sample ID: HD-MW-148A-136/136.5-0

Sampled Method: Bladder Pump

Unit ID: Double Ball Dedicated

Duplicate ID:

MS/MSD ID:

Notes: Started purge with one of the control boxes and the vent/drive function failed. Resulting in blowing out the port. Which boxes and resume purge. As a result turbidity took longer to stabilize.

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
10/7/2024	10:30	18.33	7.61	1000	0.981	1.49	0.5	208	0.4		2740.9	10 Second Drive, 8 Second Vent. Regulation set at 25 PSI
10/7/2024	10:35	18.65	7.45	1000	0.974	1.27	0.5	216	0.03	0.2	2740.9	
10/7/2024	10:40	19.12	7.27	1000	0.95	1.02	0.5	217	0.03	0.15	2743	Flush Flow Cell
10/7/2024	10:45								0.03	0.15		Flow Cell Filling.
10/7/2024	10:50	19.79	7.39	927	0.964	1.04	0.5	154	0.03	0.15	2743	
10/7/2024	10:55	19.78	7.23	796	0.931	0.81	0.5	149	0.03	0.15	2744	WL collected after drive stroke.
10/7/2024	11:00	19.85	7.22	659	0.921	0.74	0.5	145	0.03	0.15	2744	Flush flow cell and clean turbidity.
10/7/2024	11:05								0.03	0.15		Flow cell filling
10/7/2024	11:10	17.12	7.33	449	0.987	0.83	0.5	135	0.03	0.15	2744	
10/7/2024	11:15	16.91	7.25	345	0.99	0.72	0.5	125	0.03	0.15	2744	Purge water visually clear.
10/7/2024	11:20	17.17	7.25	297	0.989	0.69	0.5	120	0.03	0.15	2744	
10/7/2024	11:25	16.79	7.24	236	0.984	0.68	0.5	120	0.03	0.15	2744	
10/7/2024	11:30	16.56	7.24	203	0.988	0.67	0.5	121	0.03	0.15	2744	
10/7/2024	11:35	16.86	7.24	196	0.988	0.65	0.5	120	0.03	0.15	2744	
10/7/2024	11:40	16.69	7.24	214	0.994	0.62	0.5	122	0.03	0.15	2744	
10/7/2024	11:45	16.64	7.23	189	0.994	0.61	0.5	123	0.03	0.15	2744	
10/7/2024	11:50	16.66	7.23	196	0.993	0.61	0.5	123	0.04	0.15	2744	

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10/7/2024	11:55	16.23	7.23	141	0.992	0.59	0.5	125	0.04	0.2	2744	
10/7/2024	12:00	16.13	7.23	133	0.992	0.6	0.5	125	0.04	0.2	2744	
10/7/2024	12:05	16.53	7.2	105	0.995	0.62	0.5	127	0.04	0.2	2744	
10/7/2024	12:10	16.67	7.21	90.2	0.995	0.59	0.5	128	0.04	0.2	2744	
10/7/2024	12:15	16.86	7.22	72.6	0.997	0.56	0.5	128	0.04	0.2	2744	
10/7/2024	12:20	16.96	7.22	62.3	0.994	0.56	0.5	129	0.04	0.2	2744	
10/7/2024	12:25	16.8	7.22	58.4	0.995	0.56	0.5	129	0.04	0.2	2744	
10/7/2024	12:30	16.9	7.22	49.7	0.994	0.55	0.5	130	0.04	0.2	2744	
10/7/2024	12:35	16.56	7.22	45.3	0.992	0.55	0.5	131	0.04	0.2	2744	
10/7/2024	12:40	16.45	7.22	40.2	0.993	0.55	0.5	131	0.04	0.2	2744	Sample Well.