

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-18S

Project Location York, Pa

Purge Information

Purge Date: 10/1/2024

Purged By: Casey Littlefield

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 57

Total Depth of Well (Ft BGS): 59

Initial Depth to Water (Ft BGS): 0

Pump ID: Mega Monsoon Pump 83171

Water Quality Inst: Horiba U-52 16675

Water Quality Inst ID: Horiba U-52 16675

Total Purge Vol (gal) 31.35

Sample Information

Sampled By: Casey Littlefield

Sample Date: 10/2/2024

Sample Time: 8:55

Sample ID: HD-MW-18S-0/1-0

Sampled Method: Hand Bailer

Unit ID:

Duplicate ID:

MS/MSD ID:

Notes: RWL = 5.42 FTWC

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
10/1/2024	12:40	14.89	6.66	37.6	0.397	4.16	0.2	25	0.4		2.05	
10/1/2024	12:45	14.9	7.01	86.9	0.392	1.3	0.2	-74	0.3	2	5.8	
10/1/2024	12:50	14.85	7.19	36.7	0.396	0.65	0.2	-99	0.25	1.5	8.99	
10/1/2024	12:55	14.25	7.27	44.4	0.397	0.39	0.2	-108	0.3	1.25	14.55	
10/1/2024	13:00	14.35	7.3	57.3	0.398	0.26	0.2	-114	0.3	1.5	18.56	
10/1/2024	13:05	14.53	7.32	92.1	0.398	0.19	0.2	-117	0.25	1.5	22.68	
10/1/2024	13:10	14.4	7.34	198	0.399	0.15	0.2	-121	0.25	1.25	25.58	
10/1/2024	13:15	14.47	7.31	302	0.399	0.19	0.2	-124	0.3	1.25	27.4	
10/1/2024	13:20	14.49	7.38	228	0.399	0.2	0.2	-126	0.26	1.5	29.75	
10/1/2024	13:25	14.39	7.39	202	0.4	0.2	0.2	-127	0.25	1.3	31.91	
10/1/2024	13:30	14.49	7.42	168	0.4	0.04	0.2	-131	0.25	1.25	34.08	
10/1/2024	13:35	14.68	7.42	104	0.4	0.03	0.2	-131	0.22	1.25	34.9	
10/1/2024	13:40	14.8	7.44	94	0.4	0	0.2	-134	0.22	1.1	35	
10/1/2024	13:45	14.7	7.46	81	0.4	0	0.2	-136	0.25	1.1	35.5	
10/1/2024	13:50	14.36	7.45	37.8	0.402	0.82	0.2	-136	0.25	1.25	37.9	
10/1/2024	13:55	14.39	7.46	44.5	0.403	0.07	0.2	-135	0.25	1.25	40.1	
10/1/2024	14:00	14.52	7.46	66.1	0.403	0.07	0.2	-135	0.25	1.25	41.2	
10/1/2024	14:05	14.68	7.48	97	0.402	0.04	0.2	-137	0.22	1.25	42.4	

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10/1/2024	14:10	14.73	7.48	78.7	0.403	0.04	0.2	-137	0.25	1.1	42.9	
10/1/2024	14:15	14.6	7.49	63.5	0.403	0.05	0.2	-137	0.23	1.25	44.5	
10/1/2024	14:20	14.77	7.5	75	0.403	0.02	0.2	-138	0.22	1.15	44.66	
10/1/2024	14:25	14.58	7.51	107	0.403	0.34	0.2	-140	0.25	1.1	46	
10/1/2024	14:30	14.71	7.52	69.2	0.403	0.06	0.2	-139	0.25	1.25	46.54	
10/1/2024	14:35	14.55	7.52	71	0.404	0.03	0.2	-140	0.3	1.25	48.44	
10/1/2024	14:40	14.46	7.53	385	0.407	0.07	0.2	-135	0.2	1.5		WL below top of pump.