

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-142D

Project Location York, Pa

Purge Information

Purge Date: 10/7/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS) : 135

Total Depth of Well (Ft BGS): 151

Initial Depth to Water (Ft BGS): 16.13

Pump ID: EE&S Mega Monsoon Pro #82741

Water Quality Inst: EE&S Horiba U-52 #82910

Water Quality Inst ID: EE&S Horiba U-52 #82

Total Purge Vol (gal) 37.08

Sample Information

Sampled By: Casey Littlefield

Sample Date: 10/8/2024

Sample Time: 13:25

Sample ID: HD-MW-142D-0/1-0

Sampled Method: Hand Bailer

Unit ID:

Duplicate ID:

MS/MSD ID:

Notes: Recovered Water Level = 15.74'

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	12:34	14.21	7	0	0.352	0.46	0.2	39	0.28	0	17.3	
10/7/2024	12:39	14.3	6.92	48.8	0.358	0	0.2	16	0.22	1.4	20.58	
10/7/2024	12:44	14.73	7.03	16.5	0.354	0	0.2	4	0.18	1.1	25.41	
10/7/2024	12:49	14.63	7.05	13.9	0.354	0	0.2	5	0.22	0.9	27.57	
10/7/2024	12:54	14.9	7.01	8.7	0.353	0	0.2	9	0.21	1.1	31.8	
10/7/2024	12:59	14.81	7	7.2	0.354	0	0.2	13	0.22	1.05	33.5	
10/7/2024	13:04	14.65	6.98	5.2	0.357	0	0.2	16	0.22	1.1	36.63	
10/7/2024	13:09	14.38	6.96	4.5	0.354	0	0.2	19	0.22	1.1	41.8	
10/7/2024	13:14	14.58	6.94	2.7	0.354	0	0.2	22	0.22	1.1	44.75	
10/7/2024	13:19	14.49	6.92	1.2	0.353	0	0.2	26	0.22	1.1	48	
10/7/2024	13:24	14.55	6.91	0.4	0.353	0	0.2	29	0.22	1.1	50.71	
10/7/2024	13:29	14.64	6.91	0	0.351	0	0.2	32	0.21	1.1	53.15	
10/7/2024	13:34	14.67	6.91	0	0.352	0	0.2	37	0.21	1.05	56.2	
10/7/2024	13:39	14.6	6.9	0	0.351	0	0.2	43	0.21	1.05	58.75	
10/7/2024	13:44	14.8	6.9	0	0.354	0	0.2	59	0.21	1.05	62.43	
10/7/2024	13:49	14.88	6.91	0	0.353	0	0.2	80	0.22	1.05	66.1	
10/7/2024	13:54	14.71	6.93	0	0.353	0	0.2	107	0.22	1.1	69.55	
10/7/2024	13:59	14.78	6.94	0	0.354	0	0.2	119	0.22	1.1	71.82	

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-142D

Project Location York, Pa

Purge Information

Purge Date: 10/7/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 135

Total Depth of Well (Ft BGS): 151

Initial Depth to Water (Ft BGS): 16.13

Pump ID: EE&S Mega Monsoon Pro #82741

Water Quality Inst: EE&S Horiba U-52 #82910

Water Quality Inst ID: EE&S Horiba U-52 #82

Total Purge Vol (gal) 37.08

Sample Information

Sampled By: Casey Littlefield

Sample Date: 10/8/2024

Sample Time: 13:25

Sample ID: HD-MW-142D-0/1-0

Sampled Method: Hand Bailer

Unit ID:

Duplicate ID:

MS/MSD ID:

Notes: Recovered Water Level = 15.74'

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	14:04	14.68	6.93	0	0.353	0	0.2	120	0.23	1.1	75.07	
10/7/2024	14:09	14.72	6.95	0	0.353	0	0.2	131	0.22	1.15	77.7	
10/7/2024	14:14	14.73	6.96	0	0.352	0	0.2	132	0.22	1.1	79.49	
10/7/2024	14:19	14.74	6.96	0	0.352	0	0.2	124	0.22	1.1	84.2	
10/7/2024	14:24	14.77	6.99	0	0.352	0.61	0.2	132	0.22	1.1	89.63	
10/7/2024	14:29	14.81	7.02	0	0.353	0.75	0.2	134	0.22	1.1	94.01	
10/7/2024	14:34	14.83	7.04	0	0.352	0.71	0.2	129	0.22	1.1	97.3	
10/7/2024	14:39	14.95	7.04	0	0.352	0.74	0.2	122	0.22	1.1	100.09	
10/7/2024	14:44	15.14	7.04	0	0.352	0.67	0.2	104	0.22	1.1	103.7	
10/7/2024	14:49	15.1	7.03	0	0.352	0.6	0.2	103	0.22	1.1	106.48	
10/7/2024	14:54	15.07	7.11	0	0.353	1.4	0.2	107	0.22	1.1	113.37	
10/7/2024	14:59	15.19	7.14	0	0.354	1.17	0.2	103	0.22	1.1	117.83	
10/7/2024	15:04	15.4	7.14	0	0.354	1.07	0.2	91	0.22	1.1	121.5	
10/7/2024	15:09	15.75	7.13	0	0.355	1.13	0.2	77	0.22	1.1	126.03	
10/7/2024	15:14	15.89	7.12	0	0.354	0.84	0.2	51	0.22	1.1	129.35	
10/7/2024	15:19	15.82	7.1	0	0.354	0.91	0.2	42	0.22	1.1	132.91	
10/7/2024	15:23									0.88		Well is purged dry.
10/8/2024	13:25											Sample Collected.