

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: CW-2

Project Location York, Pa

Purge Information

Purge Date: 10/1/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 79

Total Depth of Well (Ft BGS): 97

Initial Depth to Water (Ft BGS): 32.04

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) 38.85

Sample Information

Sampled By: Lucas Grimm

Sample Date: 10/1/2024

Sample Time: 13:05

Sample ID: HD-CW-2-0/1-0

Sampled Method: Positive Displacement

Unit ID: EE&S Mega Monsoon Pro #82741

Duplicate ID:

MS/MSD ID:

Notes: No change in turbidity for over the last hour of purging. Based on review of historic purge logs the decision was made to sample the well.

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	10:08	15.99	4.29	203	0.776	4.78	0.4	196	0.4	0	32.29	
10/1/2024	10:13	14.21	6.34	230	0.839	0	0.4	40	0.23	2	33.1	
10/1/2024	10:18	14.17	6.59	467	0.839	0	0.4	9	0.23	1.15	34.06	
10/1/2024	10:23	14.3	6.52	380	0.84	0	0.4	-12	0.24	1.15	34.99	
10/1/2024	10:28	14.39	6.53	349	0.839	0	0.4	-19	0.24	1.2	35.86	
10/1/2024	10:33	14.36	6.51	310	0.839	0	0.4	-21	0.23	1.2	35.98	
10/1/2024	10:38	14.38	6.49	276	0.839	0	0.4	-24	0.23	1.15	36.4	
10/1/2024	10:43	14.46	6.48	250	0.838	0	0.4	-26	0.22	1.15	36.82	
10/1/2024	10:48	14.34	6.47	242	0.84	0	0.4	-27	0.23	1.1	37.38	
10/1/2024	10:53	14.45	6.46	227	0.839	0	0.4	-29	0.21	1.15	37.57	
10/1/2024	10:58	14.33	6.65	205	0.84	0	0.4	-41	0.23	1.05	38.48	
10/1/2024	11:03	14.42	6.6	180	0.839	0	0.4	-40	0.23	1.15	39.05	
10/1/2024	11:08	14.52	6.59	157	0.839	0	0.4	-41	0.19	1.15	39.23	
10/1/2024	11:13	14.45	6.58	151	0.839	0	0.4	-42	0.21	0.95	39.81	
10/1/2024	11:18	14.56	6.59	139	0.839	0	0.4	-43	0.21	1.05	40.33	
10/1/2024	11:23	14.67	6.61	130	0.84	0	0.4	-45	0.21	1.05	40.79	
10/1/2024	11:28	14.81	6.67	129	0.838	0	0.4	-50	0.21	1.05	41.35	
10/1/2024	11:33	14.9	6.75	112	0.836	0	0.4	-54	0.2	1.05	41.71	

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: CW-2

Project Location York, Pa

Purge Information

Purge Date: 10/1/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 79

Total Depth of Well (Ft BGS): 97

Initial Depth to Water (Ft BGS): 32.04

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) 38.85

Sample Information

Sampled By: Lucas Grimm

Sample Date: 10/1/2024

Sample Time: 13:05

Sample ID: HD-CW-2-0/1-0

Sampled Method: Positive Displacement

Unit ID: EE&S Mega Monsoon Pro #82741

Duplicate ID:

MS/MSD ID:

Notes: No change in turbidity for over the last hour of purging. Based on review of historic purge logs the decision was made to sample the well.

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	11:38	14.51	6.86	103	0.836	0	0.4	-58	0.23	1	42.06	
10/1/2024	11:43	14.53	6.74	98.5	0.838	0	0.4	-55	0.21	1.15	42.22	
10/1/2024	11:48	14.56	6.79	99.2	0.839	0	0.4	-58	0.22	1.05	42.74	
10/1/2024	11:53	14.67	6.84	98.1	0.839	0	0.4	-61	0.2	1.1	43.12	
10/1/2024	11:58	14.72	6.93	97.2	0.839	0	0.4	-63	0.2	1	43.5	
10/1/2024	12:03	14.74	6.93	97.4	0.839	0	0.4	-64	0.2	1	43.83	
10/1/2024	12:08	14.76	6.95	98.6	0.839	0	0.4	-64	0.2	1	44.14	
10/1/2024	12:13	14.79	6.97	98.7	0.839	0	0.4	-65	0.21	1	44.39	
10/1/2024	12:18	14.77	6.95	98.6	0.838	0	0.4	-65	0.21	1.05	44.69	
10/1/2024	12:23	14.82	6.96	97.9	0.839	0	0.4	-67	0.21	1.05	45.05	
10/1/2024	12:28	14.78	6.97	95.9	0.839	0	0.4	-68	0.22	1.05	45.52	
10/1/2024	12:33	14.74	6.98	89.3	0.839	0	0.4	-68	0.21	1.1	45.81	
10/1/2024	12:38	14.76	6.97	79.3	0.839	0	0.4	-69	0.21	1.05	46.19	
10/1/2024	12:43	14.79	6.97	80.2	0.839	0	0.4	-68	0.21	1.05	46.59	
10/1/2024	12:48	14.81	6.98	78.7	0.839	0	0.4	-70	0.2	1.05	46.63	
10/1/2024	12:53	14.85	6.97	77.1	0.839	0	0.4	-70	0.2	1	46.73	
10/1/2024	12:58	14.8	6.99	73.9	0.838	0	0.4	-70	0.2	1	46.8	
10/1/2024	13:03	14.87	6.99	74.6	0.838	0	0.4	-71	0.2	1	46.85	

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: CW-2

Project Location York, Pa

Purge Information

Purge Date: 10/1/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 79

Total Depth of Well (Ft BGS): 97

Initial Depth to Water (Ft BGS): 32.04

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) 38.85

Sample Information

Sampled By: Lucas Grimm

Sample Date: 10/1/2024

Sample Time: 13:05

Sample ID: HD-CW-2-0/1-0

Sampled Method: Positive Displacement

Unit ID: EE&S Mega Monsoon Pro #82741

Duplicate ID:

MS/MSD ID:

Notes: No change in turbidity for over the last hour of purging. Based on review of historic purge logs the decision was made to sample the well.

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	13:05									0.4		Sample Collected.