

fYNOP Groundwater Sample Purge Log

Sampling Event: TI Area 1 Quarterly Sampling Event

Project NO: 10012.47

Well ID: MW-88

Project Location York, Pa

Purge Information

Purge Date: 12/17/2024

Purged By: Casey Littlefield

Purge Technique: Well Yield Matched Purge

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 47

Total Depth of Well (Ft BGS): 50

Initial Depth to Water (Ft BGS): 25.59

Pump ID: Monsoon Pump 83169

Water Quality Inst: Horiba U-52 82909

Water Quality Inst ID: Horiba U-52 82909

Total Purge Vol (gal) 17.6

Sample Information

Sampled By: Casey Littlefield

Sample Date: 12/17/2024

Sample Time: 14:40

Sample ID: HD-MW-88-0/1-0

Sampled Method: Positive Displacement

Unit ID: Monsoon Pump 83169

Duplicate ID:

MS/MSD ID:

Notes:

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
12/17/2024	14:00	15.16	6.61	11.6	0.734	3.49	0.4	266	0.44		25.6	Bright Green Dye
12/17/2024	14:05	15.12	7.08	7.8	0.714	0	0.3	263	0.44	2.2	25.6	
12/17/2024	14:10	15.29	7.51	6.9	0.688	0	0.3	255	0.44	2.2	25.6	
12/17/2024	14:15	15.31	7.7	10.5	0.672	0	0.3	246	0.44	2.2	25.6	Purge water no longer green
12/17/2024	14:20	15.36	7.78	15.8	0.53	2.55	0.3	225	0.44	2.2	25.6	
12/17/2024	14:25	15.36	7.85	11.8	0.505	2.68	0.2	223	0.44	2.2	25.6	
12/17/2024	14:30	15.39	7.92	5.9	0.458	3.19	0.2	219	0.44	2.2	25.6	
12/17/2024	14:35	15.44	7.93	5.1	0.451	3.26	0.2	216	0.44	2.2	25.6	
12/17/2024	14:40	15.41	7.95	4.5	0.449	3.29	0.2	216	0.44	2.2	25.6	Sample