

fYNOP Groundwater Sample Purge Log

Sampling Event: 2024 Comprehensive Sampling

Project NO: 10012.52

Well ID: MW-69

Project Location York, Pa

Purge Information

Purge Date: 10/2/2024

Purged By: Lucas Grimm

Purge Technique: Low Flow Parameter Stabilization

Purge Method: Positive Displacement

Pump Set Depth (Ft BGS): 122

Total Depth of Well (Ft BGS): 124

Initial Depth to Water (Ft BGS): 15.34

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) 160.5

Sample Information

Sampled By: Lucas Grimm

Sample Date: 10/3/2024

Sample Time: 14:18

Sample ID: HD-MW-69-0/1-0

Sampled Method: Hand Bailer

Unit ID:

Duplicate ID:

MS/MSD ID:

Notes: Approximately 50' of tubing outside of well to reach purge tank. Temperatures affected by sunlight.
RWL on 10/3/2024 = 93.34'

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
10/2/2024	9:42	14.1	6.61	69.1	0.519	0	0.2	169	0.7	0	15.82	
10/2/2024	9:47	14.21	6.84	79	0.518	0	0.2	158	0.63	3.5	18.45	
10/2/2024	9:52	14.24	6.9	78.7	0.519	0	0.2	154	0.63	3.15	20.77	
10/2/2024	9:57	14.25	7.3	78.6	0.518	0	0.2	145	0.7	3.15	22.48	
10/2/2024	10:02	14.4	7.45	71.9	0.518	0	0.2	109	0.63	3.5	24.4	
10/2/2024	10:07	14.41	7.49	67.8	0.518	0	0.2	100	0.67	3.15	26.31	
10/2/2024	10:12	14.44	7.45	60.8	0.517	0	0.2	81	0.67	3.35	27.99	
10/2/2024	10:17	14.47	7.45	57.1	0.517	0	0.2	67	0.63	3.35	29.5	
10/2/2024	10:22	14.62	7.44	51.8	0.514	0	0.2	24	0.67	3.15	31.66	
10/2/2024	10:27	14.76	7.44	48.8	0.51	0	0.2	-4	0.67	3.35	33.2	
10/2/2024	10:32	14.75	7.46	43.8	0.501	0	0.2	-39	0.67	3.35	34.77	
10/2/2024	10:37	14.72	7.48	42	0.495	0	0.2	-59	0.7	3.35	36.41	
10/2/2024	10:42	14.68	7.52	38.7	0.487	0	0.2	-86	0.7	3.5	37.93	
10/2/2024	10:47	14.67	7.5	35.9	0.482	0	0.2	-96	0.7	3.5	39.3	
10/2/2024	10:52	14.58	7.55	33.5	0.468	0	0.2	-124	0.75	3.5	41.17	
10/2/2024	10:57	14.61	7.56	32.8	0.462	0	0.2	-135	0.75	3.75	43	
10/2/2024	11:02	14.58	7.61	34.4	0.454	0	0.2	-156	0.75	3.75	44.59	
10/2/2024	11:07	14.64	7.63	36	0.451	0	0.2	-164	0.7	3.75	46.02	

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10/2/2024	11:12	14.57	7.7	41.9	0.445	0	0.2	-185	0.75	3.5	48.11	
10/2/2024	11:17	14.58	7.7	43.5	0.444	0	0.2	-187	0.75	3.75	50.01	
10/2/2024	11:22	14.53	7.75	46.2	0.439	0	0.2	-199	0.75	3.75	52.5	
10/2/2024	11:27	14.64	7.75	44.8	0.435	0	0.2	-205	0.7	3.75	54.27	
10/2/2024	11:32	14.64	7.76	43.2	0.431	0	0.2	-214	0.75	3.5	56.27	
10/2/2024	11:37	14.63	7.8	42.3	0.428	0	0.2	-216	0.75	3.75	58.7	
10/2/2024	11:42	14.62	7.87	40.5	0.421	0	0.2	-225	0.75	3.75	60.63	
10/2/2024	11:47	14.72	7.83	41	0.417	0	0.2	-225	0.75	3.75	62.74	
10/2/2024	11:52	14.68	7.9	40.4	0.399	0	0.2	-231	0.75	3.75	65.08	
10/2/2024	11:57	14.75	7.79	40.8	0.387	0	0.2	-225	0.75	3.75	67.6	
10/2/2024	12:02	14.85	7.94	39.2	0.366	0.02	0.2	-232	0.75	3.75	69.77	
10/2/2024	12:07	14.89	7.99	40	0.358	0.05	0.2	-233	0.75	3.75	71.39	
10/2/2024	12:12	14.93	8.02	40.2	0.353	0.1	0.2	-232	0.75	3.75	74.44	
10/2/2024	12:17	15.04	8.04	39.6	0.349	0.08	0.2	-232	0.75	3.75	77.25	
10/2/2024	12:22	15.17	8.04	40.2	0.349	0.15	0.2	-230	0.75	3.75	79.18	
10/2/2024	12:27	15.29	8.04	41.4	0.349	0.17	0.2	-229	0.75	3.75	81.23	
10/2/2024	12:32	15.2	8.02	42.1	0.346	0.03	0.2	-226	0.75	3.75	84.7	
10/2/2024	12:37	15.28	8.05	41.6	0.343	0.06	0.2	-225	0.75	3.75	88.01	

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10/2/2024	12:42	15.28	8.08	41.8	0.344	0	0.2	-225	0.75	3.75	91.92	
10/2/2024	12:47	15.21	7.72	42.3	0.345	0	0.2	-207	0.75	3.75	95.88	
10/2/2024	12:52	15.26	7.89	43.8	0.343	0	0.2	-218	0.75	3.75	98.99	
10/2/2024	12:57	15.25	8.01	43.9	0.342	0	0.2	-221	0.72	3.75	102.67	
10/2/2024	13:02	15.34	8.02	48.9	0.34	0	0.2	-221	0.7	3.6	106	
10/2/2024	13:07	15.46	8.03	55.6	0.333	0	0.2	-224	0.7	3.5	109.55	
10/2/2024	13:12	15.48	8	60.4	0.325	0	0.2	-220	0.7	3.5	112.87	
10/2/2024	13:17	15.42	8.06	63.8	0.32	0	0.2	-224	0.7	3.5	116.13	
10/2/2024	13:22	15.36	7.93	74	0.312	0	0.1	-200	0.7	3.5	119.55	
10/2/2024	13:26									2.8		Well is purged dry.
10/3/2024	14:18											Sample Collected.