

GW Purge and Monitoring Form (Low-Flow)

Well ID MW-2 Date 25 Sep 07

Time Arriving at Well 1200 Air Temp _____ Metr Conditions RAIN

Depth, TOC to Water Level 12.65 ft
 Depth, TOC to Bottom of Casing (from records) 21.4 ft
 Depth of Pump Intake from TOC 18 ft

Flow Rate Established ~1 liter/minute

Target Low-Flow Purge Rate: approx. 0.1 – 0.5 liter/min.
 Increased flow rate is permissible as long as water level draw-down is no more than 0.3 ft.

Water Quality Observations

Time	Temp	pH	Cond.	ORP	D.O. %	D.O. mg/l	Salinity	Water Level	Draw-down	Elapsed Purge Volume	Appearance
1216	4.3										
1216	4.31	7.49	273	52.7	77.1	10.05	0.22				
1225	3.74	7.53	268	29.4	73.4	9.66	0.22	12.71			
1235	3.77	7.53	269	35.5	73.1	9.62	0.22				
1245	3.77	7.55	269	37.3	72.8	9.58	0.22	12.72			
1255	3.75	7.54	269	39.3	72.2	9.51	0.22				

Water Quality Stabilization Criteria

Temp	pH	Cond.	ORP	D.O.
+/- 1 °C (< 6 °C warmup)	+/- 0.2 pH units	+/- 3%	+/- 10 mV	+/- 10%

Time Leaving Well 1310

Participating Samplers CFL/D

Comments

HACH KIT: 9 drops = ~ 9 mg/L DO

GW Purge and Monitoring Form (Low-Flow)

Well ID MW-3 Date 0950

Time Arriving at Well 0950 Air Temp _____ Metr Conditions RAIN

Depth, TOC to Water Level 3.64 ft
 Depth, TOC to Bottom of Casing (from records) 15.4 ft
 Depth of Pump Intake from TOC 14 ft

Flow Rate Established 1 liter/minute

Target Low-Flow Purge Rate: approx. 0.1 – 0.5 liter/min.
 Increased flow rate is permissible as long as water level draw-down is no more than 0.3 ft.

Water Quality Observations

Time	Temp	pH	Cond. µs/cm	ORP	D.O. %	D.O. mg/l	Salinity	Water Level	Draw-down	Elapsed Purge Volume	Appearance
1008	7.13	7.39	292	44.9	36.3	4.37	0.21	3.70			Clear colorless
1015	7.12	7.23	291	42.0	37.7	4.54	0.21				
1022	7.09	7.17	291	34.3	38.1	4.64	0.21				
1027	7.10	7.15	291	39.2	37.5	4.53	0.21	3.74			
1033	7.07	7.15	291	25.0	37.1	4.51	0.21				
1042	7.18	7.13	292	23.2	33.1	4.00	0.21				
1049	7.15	7.15	291	28.2	39.3	4.73	0.21	3.70			

Water Quality Stabilization Criteria

Temp	pH	Cond.	ORP	D.O.
+/- 1°C (< 6°C warmup)	+/- 0.2 pH units	+/- 3%	+/- 10 mV	+/- 10%

Time Leaving Well 1100

Participating Samplers CFR/D

Comments

UAdH KIT: 4-5 mg/L DO

GW Purge and Monitoring Form (Low-Flow)

Well ID MW-5 Date 25 SEP 07

Time Arriving at Well 1100 Air Temp _____ Metr Conditions RAIN

Depth, TOC to Water Level 3.99 ft
 Depth, TOC to Bottom of Casing (from records) 17.6 ft
 Depth of Pump Intake from TOC 16 ft

Flow Rate Established ~1 liter/minute

Target Low-Flow Purge Rate: approx. 0.1 – 0.5 liter/min.
 Increased flow rate is permissible as long as water level draw-down is no more than 0.3 ft.

Water Quality Observations

Time	Temp	pH	Cond.	ORP	D.O. %	D.O. mg/l	Salinity	Water Level	Draw-down	Elapsed Purge Volume	Appearance
1117	6.74	7.42	289	-6.8	16.0	1.93	0.21				
1125	7.27	7.10	298	-2.4	44.1	5.37	0.22	4.03			
1131	7.31	7.08	301	11.3	47.3	5.68	0.22				
1136	7.23	7.07	302	19.3	48.6	5.86	0.22	4.03			
1144	7.12	7.06	301	25.7	48.9	5.91	0.22				
1150	7.03	7.06	301	29.5	49.5	6.00	0.22				Clear Colorless

Water Quality Stabilization Criteria

Temp	pH	Cond.	ORP	D.O.
+/- 1 °C (< 6 °C warmup)	+/- 0.2 pH units	+/- 3%	+/- 10 mV	+/- 10%

Time Leaving Well 1200

Participating Samplers CT 2000

Comments