

GW Purge and Monitoring Form (Low-Flow)

Well ID MW-2 Date 7 Dec 07

Time Arriving at Well 1057 Air Temp 32 Metr Conditions Cloudy, calm

Depth, TOC to Water Level 7.08 ft
 Depth, TOC to Bottom of Casing (from records) 21.4 ft
 Depth of Pump Intake from TOC 20 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	2.36	7.37	0.443	207.8	78.6	10.62					slightly turbid
1132	2.76	7.29	0.444	195.8	76.5	10.35		7.11			
1140	2.76	7.29	0.446	191.1	77.3	10.46	0.21				clear
1145	2.78	7.29	0.446	187	76.7	10.37	0.21				
1155	2.72	7.31	0.446	184	75.7	10.24	0.21	7.10			
	recalibrate DO										
1205	1.91	7.43	0.450	199	71.7	9.92	0.21				
1210	1.79	7.34	0.449	198	68.9	9.56	0.21	7.12			clear

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 1215

Participating Samplers _____

Comments

HACH DO KIT
 Colorless in 7-8 drops = D.O. 7-8 mg/L