

GW Purge and Monitoring Form (Low-Flow)

Well ID MW.2 Date 30 APR 2007

Time Arriving at Well 1206 Air Temp ~50°F Metr Conditions Pcloudy

Depth, TOC to Water Level 12.46 ft
 Depth, TOC to Bottom of Casing (from records) 21.4 ft

PUMP SET @ 17 ft BTOC

Flow Rate Established ~1.0 liter/minute (PUMP WILL NOT PUMP LOWER THAN THIS)

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.

758.2 mm Hg

Water Quality Observations mg/L

Time	Temp	pH	µs/cm Cond.	ORP	D.O.	ms/cm Salinity SPEC COND	Water Level	Draw-down	Elapsed Purge Volume	Appearance
1242	2.55	7.48	244	73.2	13.40		12.54	.08		TURBID
1248	2.51	7.48	250	68.6	13.36	0.439	12.55	.09		CLEARING
1253	2.41	7.47	249	68.0	13.32	0.439	12.55	.09		
1259	2.40	7.46	249	67.8	13.31	0.439				
1304	2.39	7.46	249	67.1	13.28	0.439				

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 1308

Participating Samplers CHRIS FLOYD BOBBY CHILLIGAN

Comments

GW Purge and Monitoring Form (Low-Flow)

Well ID MW-3 Date 30 APR 2007

Time Arriving at Well 1318 Air Temp _____ Metr Conditions _____

Depth, TOC to Water Level 3.75 ft
 Depth, TOC to Bottom of Casing (from records) 15.13 ft

PUMP SET @ ~10ft BTCL

Flow Rate Established ~1.0 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	MS/cm Cond.	ORP	mg/L D.O.	mS/cm Salinity SPEC COND	Water Level	Draw-down	Elapsed Purge Volume	Appearance
1328	1.85	7.30	332	46.1	1.36	0.589	3.88	0.13		TURBID
1335	1.81	7.34	311	38.1	2.65	0.556	3.88			
1340	1.99	7.39	306	31.0	3.18	0.547				
1345	1.82	7.43	302	25.2	3.40	0.541				CLEAR
1350	1.77	7.45	300	21.0	3.54	0.536	3.88			✓ CLEAR
1355	1.86	7.46	299	17.9	3.77	0.535	3.88			

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 1400

Participating Samplers CHRIS FLOTD BOBBY CHILLIGAN

Comments

GW Purge and Monitoring Form (Low-Flow)

Well ID MW-5 Date 30 APR 2007

Time Arriving at Well 1413 Air Temp _____ Metr Conditions _____

Depth, TOC to Water Level ~4.16[?] ft
 Depth, TOC to Bottom of Casing (from records) 17.6 ft
 PUMP SET 12 FT BTDC

Flow Rate Established ~1.0 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	$\mu\text{S}/\text{cm}$ Cond.	ORP	mg/L D.O.	mS/cm Salinity <small>STEC COND</small>	Water Level	Draw-down	Elapsed Purge Volume	Appearance
1436	3.04	7.44	256	79.4	8.73	0.442				Slightly Turbid
1440	3.09	7.35	259	72.6	8.95	0.445	4.16	0		
1445	3.05	7.31	258	62.7	8.92	0.444				
1450	3.03	7.20	258	62.1	8.92	0.445	4.18	0.02		✓ CLEAR
1455	3.01	7.20	258	62.8	9.04	0.445	4.18			
1500	3.18	7.20	259	62.6	8.98	0.445	4.18			✓ 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 1510

Participating Samplers CHARIS FLOYD BOBBY CHILLIGAN

Comments