Water Level Measurements

Date: 8-21-12

Well ID	DTW (TOC) ft	TD (TOC) ft	Time
RMW-01	84.12	94.80	1057
RMW-02	76.20	89.25	1050
RMW-03	75.23	89.00	1047
RMW-04	82.30	93.10	1041
RMW-05	74.54	89.00	~~105~~ 1030
RMW-06	77.31	90.0 feets in well	1036

Wells to be Sampled

✓RMW-01 - ms/msd
✓RMW-03
✓RMW-05 - QC
✓RMW-06

Date: 8-21-12 Personnel: B. Davis
Well ID: RMW-1

Air Temp. 92°F
Weather: P. Cloudy

Pump # dedicated Water Qual. Meter: #12
Drum: ~6gal Water Level Ind.: #94
Comp. Turbidity Meter: #11

Well TD: 94.80 ft. Well Size: 4"
DTW (TOC): 84.12 DTW (bgs): 81.81 ft.
LOC: 2.31 ft.

Sample Parameters

Temp.: 23.19°C pH: 7.37
Cond.: 8.240 mS/cm ORP: -53.9 MV
TDS: 5.356 g/L Turb.: 0.10 NTU
DO: 5.04 mg/L

Sample Date: 8-21-12
" Time: 1150
" ID: RCRC-0114-RMW-001-0812
RCRC-0114-RMW-001-MS/~~SMD~~ MSD BTD

Date: 8-21-12 Well ID: RMW-1

(TOC) DTW	Time	mL Vol	°C Temp	mS/cm Cond	g/L TDS	mg/L DO	pH	mV ORP	NTU Turb.
84.19	1120	Init.	23.71	8.323	5.411	6.92	7.34	-44.1	0.17
84.21	1126	750	22.49	8.235	5.353	5.29	7.46	-51.4	0.16
84.22	1131	1250	23.60	8.201	5.331	5.47	7.41	-53.1	0.16
84.23	1136	1700	23.53	8.270	5.376	5.27	7.54	-52.3	0.21
84.24	1141	2450	23.87	8.247	5.360	5.18	7.39	-54.0	0.11
	1146	3200	23.19	8.240	5.356	5.04	7.37	-53.9	0.10
	1150 - Sample								

Note: Setup: Pump Set @ 92.00 Drawdown Set @ 85.12 Cont. Set @ MN
Refill 15 discharge 15 PSI 40 Start Purge 1106 1st Water 1116
Finish time 1216, total time 1:10 Initial drawdown 84.19 Final drawdown 84.22

Date: 8-21-12 personnel: B. Davis
Well ID: RMW-3

Air Temp: 96°F
Weather: P. Cloudy

Pump#: dedicated Water Qual. Meter: #12
Drum: 6gal Comp. Water Level Ind.: #94
Turbid. meter: #1

Well TD: 89.00 Well Size: 4"
DTW (TOC): 75.24 DTW (bgs): 72.85 ft
LOC: 2.39 ft.

Sample Parameters

Temp: 23.24°C pH: 7.25
Cond.: 9.325 ms/cm ORP: -52.2 mV
TDS: 6.061 g/L Turb.: 0.05 NTU
DO: 2.91 mg/L

Sample Date: 8-21-12
" Time: 1310
" ID: RCRC-0114-RMW-003-0812

Date: 8-21-12 Well ID: RMW-3

(TOC) DTW	Time	mL Vol	°C Temp.	ms/cm Cond.	g/L TDS	mg/L DO	pH	mV ORP	NTU Turb.
75.24	1247	init.	26.90	9.485	6.166	5.63	6.98	-44.1	0.35
75.24	1251	750	23.13	9.402	6.111	4.05	7.56	-50.8	0.35
75.25	1255	1500	23.24	9.336	6.069	3.31	7.38	-52.8	0.30
75.26	1300	2250	23.07	9.327	6.063	3.12	7.25	-50.8	0.06
75.26	1305	3000	23.24	9.325	6.061	2.91	7.25	-52.2	0.05

1310 - Sample

Set up: Pump set @ 82.0 Drawdown set @ 76.24 Cont. Sets @ MW
Refill 15 Discharge 15 PST 40 Start Purge 1239 1st water 1244
Finish time 1315, total time 0:36 Initial drawdown 75.24, final drawdown 75.27

Date: 8-21-12 Personnel: B. Davis
Well ID: RMW-6

Air Temp: 99°F
Weather: P. Cloudy

Pump #: dedicated Water Qual. Meter: #12
Drum: 6 gal Water Level Ind.: #94
Comp. Turbid. Meter: #11

Well TD: 90.0 ft. Well Size: 4"
DTW (Toc): 77.31 ft. DTW (bgs): 74.81 ft.
Loc: 2.50 ft.

Sample Parameters

Temp.: 23.42°C pH: 7.10
Cond.: 10.44 ms/cm ORP: -48.5 mV
TDS: 6.788 g/L Turb.: 0.64 NTU
DO: 2.03 mg/L

Sample Date: 8-21-12
" Time: 1415
" ID: RCRC-0114-RMW-006-0812

Date: 8-21-12 Well ID: RMW-6

(Toc) DTW	Time	mL Vol	°C Temp.	ms/cm Cond.	g/L TDS	mg/L DO	pH	mV ORP	NTU Turb.
77.42	1352	init.	24.41	10.59	6.883	5.43	7.16	-42.2	0.53
77.44	1354	750	23.49	10.52	6.840	3.85 ~~3.95~~	7.52	-46.0	1.01
77.46	1359	1500	24.57	10.50	6.826	2.68	7.26	-50.2	0.57
77.46	1403	2250	23.52	10.46	6.800	2.25	7.25	-47.3	1.40
77.46	1407	3000	23.75	10.43	6.777	2.04	7.16	-48.9	1.27
77.46	1411	3750	23.42	10.44	6.788	2.03	7.10	-48.5	0.64

1415 - Sample

Set up: Pump set @ 88.0 ft, Drawdown set @ 78.31 Cont. set @ MN
Refill 15, discharge 15, PSI 40, Start Purge 1341, 1st Water 1348
Finish time 1430, total time 0:49, Initial drawdown 77.42, final drawdown 77.46

Date: 8-22-12 Personnel: B. Davis
Well ID: RMW-05

Air Temp: 85°F
Weather: Overcast

Pump#: dedicated Water Qual. Meter: #12
Drum: 6 gal Water Level Ind.: #94
Comp. Turbid. meter: #11

Well TD: 89.00 ft Well size: 4"
DTW (TOC): 74.35 ft. DTW (bgs): 72.12 ft
LOC: 2.43 ft.

Sample Parameters
Temp: 23.23°C pH: 7.08
Cond.: 11.92 ms/cm ORP: -63.6 mV
TDS: 7.751 g/L Turb.: 0.14 NTU
Do: 2.57 mg/L

Sample Date: 8-22-12
" Time: 1220
" ID: RCRC-0114-RMW-005-0812
duplicate RCRC-0114-RMW-105-0812

Date: 8-22-12 Well ID: RMW-5

(TOC) DTW	time	mL Vol	°C temp.	ms/cm Cond.	g/L TDS	mg/L Do	pH	mV ORP	NTU Turbid
74.59	1154	init.	25.17	11.68	7.593	6.11	7.31	-63.7	0.79
74.59	1158	800	22.62	11.71	7.614	4.58	7.18	-64.2	0.55
74.59	1202	1600	22.68	11.74	7.631	3.11	7.10	-64.3	0.20
74.59	1206	2400	23.24	11.82	7.683	2.70	7.09	-64.4	0.10
74.59	1211	3200	23.27	11.90	7.736	2.62	7.09	-63.5	0.09
74.59	1216	4000	23.23	11.92	7.751	2.57	7.08	-63.6	0.14

1220 - Sample

Setup: pump set @ 81 ft, drawdown set @ 75.55, Cont. set @ MN,
Refill 13, discharge 7, PSI 40, Start purge 1148, 1st water 1152,
Finish time 1240, total time 0:52, Initial drawdown 74.59, Final drawdown 74.59