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WELL SAMPLING FIELD LOG

Date: 11-1-13 Personnel: Bradley Davis

Well ID: MPL-4

Air Temp: 55°F Water Quality Meter: YSI pro plus MPS, s/n 11K110167

Weather: Clear- breeze Water Level Indicator: Solinst # Model 101

Pump #: 11285 Turbidity Meter: Lutron TU2016 # 34074

Drum: Comp. Poly ~~30~~gl 55gal

Well TD: 227.59 ft Well Size: (4") 2"

DTW (TOC): 189.02 DTW (bgs): 186.75 ft.

LOC: 2.27 ft.

Date: 11-1-13 Well ID: MPL-4

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND ~~ms~~ µs/cm	TDS mg/l	DO mg/l	pH	ORP mV	TURB NTU
188.98	0959	In.	16.1	615	468.00	8.56	7.36	282.0	8.89
188.98	1004	500	17.8	720	546.00	8.24	7.68	282.6	8.77
188.98	1009	1000	18.5	737	546.00	8.15	7.67	288.6	8.19
189.01	1014	1500	18.8	744	546.00	8.10	7.66	291.9	8.44
189.01	1019	2200	19.3	752	546.00	8.01	7.65	293.0	7.43
189.01	1024	2900	19.2	751	546.00	8.02	7.64	295.8	8.22
189.01	1029	3600	19.4	753	546.00	7.99	7.64	295.9	8.01
			Final Drawdown = 189.01 ft.						

Sample Parameters

Temp: 19.4°C ORP: 295.9 mV

Cond: 753 µS/cm Turbidity: 8.01 NTU

TDS: 546.00 mg/L CO_2: 14.0 mg/L

pH: 7.64 Fe^{2+}: 0.03 mg/L

Sample Date: 11-1-13 Time: 1030

ID: MPL 4-~~1013~~ 1113 -1 BFD ; + MS + MSD

Notes: Pump set @ 212 ,Start Purge @ 0943,1st Water @ 0957,ml's ,
Recharge @ 14 ,Discharge @ 16 ,PSI @ 100
TIME START @ 0943 ,TIME FINISH @ 1210 ,TOTAL TIME 2:27

Sampler Signature: Bradley T. Davis

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WELL SAMPLING FIELD LOG

Date: 11-1-13
Personnel: Bradley Davis
Well ID: MPL-3
Air Temp: 72°F
Water Quality Meter: YSI Pro Plus MPS, s/n 11K110167
Weather: Clear
Water Level Indicator: Solinst # Model 101
Pump #: 11287
Turbidity Meter: Lutron TU2016 # 34074
Drum: Comp. Poly ~~20~~gl 55gal
Well TD: 230.78 ft.
Well Size: (4") 2"
DTW (TOC): 192.72 ft
DTW (bgs): 190.75 ft.
LOC: 1.97 ft.

Date: 11-1-13
Well ID: MPL-3

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND ~~ms~~ µs/cm	TDS Mg/l	DO mg/l	pH	ORP mV	TURB NTU
192.74	1305	In.	22.2	681	468.00	7.55	7.79	264.6	7.53
192.77	1310	650	22.5	685	468.00	7.53	7.83	272.9	8.11
192.82	1315	1300	22.4	685	468.00	7.56	7.84	278.5	4.13
192.83	1320	1950	22.3	682	468.00	7.61	7.84	281.0	4.86
192.84	1325	2600	22.2	680	468.00	7.61	7.84	282.3	4.07
		Final	Drawdown =		192.84				

Sample Parameters

Temp: 22.2°C
ORP: 282.3 mV
Cond: 680 µS/cm
Turbidity: 4.07 NTU
TDS: 468.00 mg/L
CO_2: 8.0 mg/L
pH: 7.84
Fe^{2+}: 0.02 mg/L
Sample Date: 11-1-13
Time: 1330
ID: MPL 3-1113-1 ; Field Duplicate MPL 3-1113-2

Notes: Pump set @ 215, Start Purge @ 1246, 1st Water @ 1305, ml's ,
Recharge @ 14, Discharge @ 16, PSI @ 100,
TIME START @ 1246, TIME FINISH @ 1420, TOTAL TIME 1:34

Sampler Signature: Bradley T. Davis

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WELL SAMPLING FIELD LOG

Date: 11-1-13
Personnel: Bradley Davis
Well ID: MPL-2
Air Temp: 73°F
Water Quality Meter: YSI Pro Plus MPS, s/n 11K 110167
Weather: Clear
Water Level Indicator: Solinst # Model 101
Pump #: 11287
Turbidity Meter: Lutron TU2016 # 34074
Drum: Comp. Poly ~~30gl~~ 55gal
Well TD: 221.00 ft.
Well Size: (4") 2"
DTW (TOC): 199.13
DTW (bgs): 196.94
LOC: 2.19 ft.

Date: 11-1-13
Well ID: MPL-2

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND ~~ms~~ µs/cm	TDS mg/l	DO mg/l	pH	ORP mV	TURB NTU
199.13	1501	In.	23.7	588	390.00	7.34	8.08	234.7	7.21
199.13	1506	500	22.9	570	383.50	7.48	8.00	261.1	11.97
199.13	1511	1100	22.5	566	383.50	7.56	8.00	271.4	8.08
199.13	1516	1700	22.6	566	383.50	7.58	8.05	276.1	7.86
199.13	1521	2300	22.4	564	383.50	7.63	8.08	278.2	7.56
		Final Drawdown - 199.13 ft.							

Sample Parameters

Temp: 22.4°C
ORP: 278.2 mV
Cond: 564 µS/cm
Turbidity: 7.56 NTU
TDS: 383.50 mg/L
CO_2: 10.0 mg/L
pH: 8.08
Fe^{2+}: 0.03 mg/L
Sample Date: 11-1-13
Time: 1525
ID: MPL 2-1113-1

Notes: Pump set @ 208', Start Purge @ 1446, 1st Water @ 1500, ml's ,
Recharge @ 14 ,Discharge @ 16 ,PSI @ 105,
TIME START @ 1446 ,TIME FINISH @ ,TOTAL TIME

Sampler Signature: Bradley T. Davis