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WELL SAMPLING FIELD LOG

Date: 11-7-13 Personnel: Bradley Davis

Well ID: MPL-29

Air Temp: 54°F Water Quality Meter: YSI ProPlus MPS, s/n 11K110167

Weather: Clear Water Level Indicator: Solinst # Model 101

Pump #: 11287 Turbidity Meter: Lutron TU2016 #34026 34074

Drum: Comp. 55 gal

Well TD: 228.02 ft. Well Size: (4") 2"

DTW (TOC): 216.22 ft. DTW (bgs): 213.95'

LOC: 2.27 ft.

Date: 11-7-13 Well ID: MPL-29

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND µ~~m~~s/cm	TDS m g/l	DO mg/l	pH	ORP mV	TURB NTU
216.58	0920	In.	18.9	677	494.00	8.21	8.22	268.7	5.21
216.66	1038	Init.	22.6	751	513.50	7.62	7.99	198.8	7.39
216.77	1043	500	22.5	739	507.00	7.67	7.91	211.6	2.81
216.94	1048	900	22.2	729	500.50	7.70	8.05	227.7	18.01
217.02	1053	1300	22.3	730	500.50	7.70	8.11	232.1	16.65
217.10	1058	1700	22.1	726	500.50	7.73	8.15	238.5	14.32
		Final drawdown = 217.82							

Sample Parameters

Temp: 22.1°C ORP: 238.5 mV

Cond: 726 µS/cm Turbidity: 14.32 NTU

TDS: 500.50 mg/L CO_2: 18.0 mg/L

pH: 8.15 Fe^{2+}: 0.01 mg/L

Sample Date: 11-7-13 Time: 1100

ID: MPL 29-1113-1

Notes: Pump set @ 219 ft, Start Purge @ ~~0902~~ BTD ~~0941~~ 1025, 1st Water @ ~~0918~~ 1036, ml's ,
Recharge @ 15 ,Discharge @ 15 ,PSI @ 105,
TIME START @ 0902, TIME FINISH @ 1140 ,TOTAL TIME (1:38) (2:40)
Blew bladder - restart 0941, 1004, 1025

Sampler Signature: Bradley T. Davis

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WELL SAMPLING FIELD LOG

Date: 11-7-13 Personnel: Bradley Davis

Well ID: MPL-7

Air Temp: 68°F Water Quality Meter: YSI Pro Plus MPS, s/n 11K110167

Weather: Clear Water Level Indicator: Solinst # Model 101

Pump #: 11285 Turbidity Meter: Lutron TU2016 #34026 34074

Drum: Comp. 55 gal

Well TD: 218.12 ft. Well Size: (4") 2"

DTW (TOC): 180.00 ft. DTW (bgs): 177.58 ft.

LOC: 2.42 ft.

Date: 11-7-13 Well ID: MPL-7

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND ~~mS~~ µS/cm	TDS mg/l	DO mg/l	pH	ORP mV	TURB NTU
180.00	1244	In.	20.5	763	546.00	7.95	7.66	256.4	6.21
180.00	1249	400	21.0	875	617.50	7.89	7.57	280.2	3.56
180.00	1254	800	21.1	895	630.50	7.86	7.56	285.7	2.68
180.00	1259	1200	21.0	896	630.50	7.86	7.56	289.9	2.71
180.00	1304	1600	21.0	894	630.50	7.89	7.56	290.6	2.65
			Final Drawdown = 180.00 ft.						

Sample Parameters

Temp: 21.0°C ORP: 290.6 mV

Cond: 894 µS/cm Turbidity: 2.65 NTU

TDS: 630.50 mg/L CO_2: 16.0 mg/L

pH: 7.56 Fe^{2+}: 0.10 mg/L

Sample Date: 11-7-13 Time: 1305

ID: MPL 7-1113-1

Notes: Pump set @ 199ft., Start Purge @ 1225, 1st Water @ 1243, ml's 40,
Recharge @ 14, Discharge @ 16, PSI @ 95,
TIME START @ 1225, TIME FINISH @ 1340, TOTAL TIME 1:15

Sampler Signature: Brady T. Davis

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WELL SAMPLING FIELD LOG

Date: 11-7-13 Personnel: Bradley Davis

Well ID: MPL-5

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 #34026 34074

Drum: Comp. 55 gal

Well TD: 208.02' BTD Well Size: (4") 2"

DTW (TOC): 186.51 +.21 DTW (bgs): 184.23'

LOC: 1.98'

Date: 11-7-13 Well ID: MPL-5

DTW TOC (ft)	TIME	VOL mL	TEMP °C	COND µmS/cm	TDS mg/l	DO mg/l	pH	ORP mV	TURB NTU
186.51	1432	In.	22.8	448.9	302.90	7.59	7.92	208.0	5.63
186.51	1437	600	22.5	448.0	304.85	7.69	8.04	221.6	3.69
186.51	1442	1200	22.3	447.5	305.62	7.71	8.03	232.5	2.68
186.51	1447	1800	22.4	447.9	305.65	7.73	8.01	235.6	2.35
186.51	1452	2400	22.5	447.9	305.65	7.73	8.01	238.2	2.13
		Final Drawdown = 186.51 ft.							

Sample Parameters

Temp: 22.5°C ORP: 238.2 mV

Cond: 447.9 µS/cm Turbidity: 2.13 NTU

TDS: 305.65 mg/L CO_2: 10.0 mg/L

pH: 8.01 Fe^{2+}: 0.04 mg/L

Sample Date: 11-7-13 Time: 1500

ID: MPL 5-1113-1

Notes: Pump set @ 193', Start Purge @ 1410, 1st Water @ 1430, ml's 60,
Recharge @ 14, Discharge @ 16, PSI @ 105,
TIME START @ 1410, TIME FINISH @ 1530, TOTAL TIME 1:20

Sampler Signature: [signature]