Date: 8-27-12 Bradley Davis

Well ID	DTW (TOC) ft	TD (TOC) ft	DTP (TOC)	Time
DRW-1p	47.88	60.00	43.18	1056
DRW-2p	51.58	60.40	44.58	1038
DRW-3p	54.48	61.69	44.06	1048
DRW-4	43.90	61.20	—	1046
DRW-5	46.23	61.27	—	1017
DRW-12	47.31	62.08	—	1008
DRW-13	46.52	62.89	—	1013
DRW-16	72.90	92.64	—	1022
HCF-1	47.73	64.58	—	1033
HCF-5p	54.21	62.73	43.63	1052
HCF-7p	51.54	62.33	45.56	1042
HMW-36	21.44	23.75	—	0949
HMW-37	42.35	45.17	—	roots 0953
HMW-38	47.72	63.73	—	0957
HMW-39	47.30	64.92	—	0930
HMW-40	29.20	40.47	—	0934
HMW-41	45.67	61.28	—	0937
HMW-43	45.78	65.51	—	0940
HMW-29	73.91	80.69	—	0859
HMW-32	73.87	92.17	—	0850
HMW-33	44.05	52.83	—	0920
HMW-11	47.21	65.72	—	0943
HMW-13	46.56	48.84	—	1005
HMW-24	75.46	92.62	—	0909
HMW-35	79.10	86.90	—	0904
HMW-8	76.24	99.43	—	0840
HMW-59	75.18	87.60	—	0915

Date: 8-28-12 SWMU: 38-39
Well ID: HMW-8 Personnel: Brad Davis

Air Temp: 77°F
Weather: Clear - no breeze

Pump # 11287 Water Qual. Meter: #12
Drum: Comp. Water Level Ind.: #18
6 gallon Turbidity Meter: #11

Well ID: 99.43 ft. Well Size: 2"
DTW (TOC): 75.41 ft. DTW (bgs): 73.66 ft.
LOC: 1.75 ft.

Sample Parameters

Temp: 23.46°C pH: 7.54
Cond.: 14.37 ms/cm ORP: -74.7 mV
TDS: 9.339 g/L Turb.: 18.7 NTU
DO: 0.62 mg/L

Sample Date: 8-28-12
" Time: 1140
" ID: HLSF-3839-HMW-008-0812

Date: 8-28-12 Well ID: HMW-8

(TOC) DTW	Time	mL Vol	°C Temp.	ms/cm Cond.	g/L TDS	mg/L DO	pH	mV ORP	NTU Turb.
75.61	1120	init	24.22	14.34	9.321	2.03	7.36	-74.5	16.3
75.61	1125	500	23.49	14.40	9.362	1.00	7.54	-74.6	18.8
75.61	1130	1100	23.26	14.39	9.352	0.73	7.54	-74.2 ~~12.87~~ 370	18.3
75.61	1135	1700	23.46	14.37	9.339	0.62	7.54	-74.7	18.7

1140 - Sample

Note: water has dark particles in it - tubing has dark discoloration where it stays in water.

Setup: Pumpset @ 85 ft, drawdown set @ 76.41 Cont. set @ MN,
Refill 20 discharge 10, PSI 40, Start purge 1113 ~~1038~~, 1st water ~~1047~~ 1121
Finish 1224, total time 1:11, Initial drawdown 75.61, final drawdown 75.61

Date: 8-28-12 SWMU: 38-39
Well ID: HMW-35 personnel: Brad Davis
Air Temp: 88°F
Weather: Clear - 0-5mph breeze

Pump#: 11287 Water Quad. Meter: #12
Drum: Comp Water Level Ind.: #18
6 gallon Turbidity meter: #11

Well TD: 86.90 Wellsize: 4"
DTW (TOC): 74.01 DTW (bgs): 71.60 ft.
LOC: 2.41 ft

Sample Parameters

Temp.: 22.83°C pH: 7.48
Cond.: 12.38 ms/cm ORP: -72.4 mV
TDS: 8.046 g/L Turbidity: 0.29 NTU
DO: 3.93 mg/L

Sample Date: 8-28-12
" Time: 1335
" ID: HLSF-3839-HMW-035
0812
field duplicate: HLSF-3839-HMW-135-
0812

Date: 8-28-12 Well ID: HMW-35

(TOC) DTW	Time	mL Vol	°C Temp.	ms/cm Cond.	g/L TDS	mg/L DO	pH	mV ORP	NTU Turb.
74.08	1310 ~~1251~~	init.	23.35 ~~29.94~~ 30	12.41	8.068	4.48	7.64	-69.8	2.05
74.11	1315	750	22.79	12.40	8.057	4.09	7.60	-73.2	0.73
74.12	1320	1500	22.56	12.38	8.048	3.91	7.53	-73.7	0.34
74.12	1325	2250	22.74	12.34	8.023	3.87	7.52	-72.7	0.23
74.12	1330	3000	22.83	12.38	8.046	3.93	7.48	-72.4	0.29

1335 - Sample

Setup: Pump set @ 77 ft, drawdown set @ 75.01 cont. set @ MN
Refill 20 discharge 10, PSI 45, Start purge 1252, 1st water 1301,
Finish 1420, total time 1:28, Initial drawdown 74.08, final drawdown 74.12 ft

Date: 8-28-12 SWMU: 38-39

Well ID: HMW-34 personnel: Brad Davis

Air Temp: 93°F

Weather: p.Cloudy

Pump # 11287 Water Qual. meter: #12

Drum: Comp. Water Level Ind.: #28

6 gallon Turbidity meter: #x

Well TD: 90.0 ft Well Size: 4"

DTW (TOC): 75.40 ft DTW (bgs): 73.23 ft

LOC: 2.17 ft

Sample Parameters

Temp: 25.44°C pH: 7.57

Cond.: 12.64 mS/cm ORP: -75.8 mV

TDS: 8.216 g/L Turbidity: 0.57 NTU

DO: 2.13 mg/L

Sample Date: 8-28-12

" Time: 1530

" TD: 1425-3839-HMW-034-0812

Date: 8-28-12 well ID: HMW-34

(TOC) DTW ft	time	mL Vol	°C temp.	mS/cm Cond.	g/L TDS	mg/L DO	pH	mV ORP	NTU Turbid.
75.71	1507	init.	26.45	12.74	8.279	2.55	7.14	-72.0	0.86
75.75	1512	500	25.68	12.68	8.241	1.67	7.53	-75.2	0.45
75.81	1517	1000	25.25	12.68	8.240	1.92	7.56	-75.2	0.51
75.86	1522	1500	25.35	12.63	8.207	1.94	7.60	-75.4	0.71
75.90	1527	2000	25.44	12.64	8.216	2.13	7.57	-75.8	0.57

1530 - Sample

Setup: Pump set @ 83ft, drawdown set @ 76.40 Cont. set @ MN

Refill 20 discharge 10, PSI 40, Start Purge 1454 1st water 1502

Finish 1600, total time 1:06, initial drawdown 75.71, final drawdown 76.02

Date: 9-4-12 SWMU: 88-39
Well ID: HMW-32 Personnel: Brad Davis

Air Temp.: 85°F
Weather: Cloudy - no breeze

Pump #: 11287 Water Qual. Meter: # 12
Drum: 6 gal Water Level Ind.: #94
Comp. Turbidity Meter: # 11

Well TD: 92.17 ft Well Size: 4"
DTW (TOC): 73.75 ft. DTW (bgs): 70.32 ft.
LOC: 2.43 ft.

Sample Parameters
Temp.: 25.78°C pH: 7.66
Cond.: 12.28 ms/cm ORP: -49.4 mV
TDS: 7.981 g/L Turbidity: 0.22 NTU
DO: 2.92 mg/L

Sample Date: 9-4-12
Time: 1135
ID: HLSF-3839-HMW-032-0912
HLSF-3839-HMW-032-ms/msd 1135
Field Blank: HLSF-3839-FB-001-0912
Equipment Blank: HLSF-3839-RB-001-0912
Time: 1330

Date: 9-4-12 Well ID: HMW-32

(TOC) DTW	time	mL vol	°C temp.	ms/cm Cond.	g/L TDS	mg/L DO	pH	mV ORP	NTU Turbid.
73.21	1111	init	25.60	12.31	8.001	4.30	7.38	-48.3	0.51
73.31	1116	400	25.59	12.28	7.979	3.30	7.46	-50.3	0.23
73.51	1121	900	25.82	12.27	7.977	3.16	7.65	-50.5	0.37
73.55	1126	1300	25.74	12.24	7.956	2.89	7.65	-50.7	0.39
73.62	1131	1600	25.78	12.28	7.981	2.92	7.66	-49.4	0.22

1135 - Sample

Setup: Pump set @ 82 ft, drawdown set @ 73.75, Cont. set @ MN,
Refill 20, discharge 10, PSI 40, Start Purge 1059, 1st Water 1106,
Finish 1305, total time 2:06, initial drawdown 73.21, final drawdown

Date: 9-4-12 SWMU: 3839
Well ID: HMW-59 personnel: Brad Davis

Air Temp: 97°F
weather: cloudy - no breeze

Pump#: 11287 Water Qual. Meter: #12
Drum: 6 gal Comp. Water Level Ind.: #94
Turbidity meter: #11

Well TD: 87.66 ft. Wellsize: 4"
DTW (TOC): 74.11 ft DTW (bgs): 70.91 ft
LOC: 3.20 ft

Sample Parameters

Temp.: 28.47°C pH: 7.74
Cond.: 13.22 ms/cm ORP: -54.7 mV
TDS: 8.595 g/L Turbidity: 1.00 NTU
DO: 2.69 mg/L

Sample Date: 9-4-12
" Time: 1500
" ID: HLSF-3839-HMW-059-0912

Date: 9-4-12 Well ID: HMW-59

ft (TOC) DTW	time	mL Vol	°C Temp.	ms/cm Cond.	g/L TDS	mg/L DO	pH	mV ORP	NTU Turbidity
74.32	1438	init	30.79	12.43	8.801	6.58	6.91	-36.7	1.18
74.45	1443	400	28.94	13.25	8.611	3.80	7.47	-46.0	1.00
74.49	1448	800	28.38	13.20	8.582	3.39	7.75	-50.3	0.94
74.57	1453	1300	28.22	13.23	8.602	3.11	7.69	-53.2	1.21
74.60	1458	1900	28.47	13.22	8.595	2.69	7.74	-54.7	1.00

1500 - Sample

Setup: Pump set @ 75 ft drawdown set @ 75.11 ft Cont. set @ MV
Refill 20 discharge 10 PSI 45 Start Purge 1429 1st water 1434
Finish 1535 total time 1:06 initial drawdown 74.32 ft final drawdown 74.75