HELSTF	LTM	GROUNDWATER			
DRW-1					
DRW-2					
DRW-3					
DRW-4					
* DRW-5					
* DRW-12	QC				
* DRW-13					
* DRW-16	MS/MSD				
* HCF-1					
HCF-5					
HCF-7					
* HMW-11					
* HMW-13					
* HMW-36					
* HMW-37					
* HMW-38					
* HMW-39					
* HMW-40	QC				
* HMW-41					
* HMW-43	MS/MSD				
* HMW-29	-				
* HMW-32					
* HMW-34					
* HMW-33	QC -				
* HMW-35					
HMW-08	- QC				
HMW-59					

WELLID	DTW(TOC)	TD(TOC)	DTP	TIME
DRW-1	45.69	60.08	42.58	1444 3-15
DRW-2	50.83	60.43	43.90	1440 3-15
DRW-3	55.04	61.59	43.25	1449 3-15
DRW-4	43.28	61.15	—	1452 3-15
DRW-5	44.80	61.29	—	1424 3-15
DRW-12	45.89	62.25	—	1426 3-14
DRW-13	44.85	63.24	—	1426 3-15
DRW-16	71.84	92.45	—	1420 3-15
HCF-1	47.05	64.58	SHEEN. —	1453 3-15
HCF-5	46.84	62.66	42.83	1453 3-15
HCF-7	51.33	62.30	45.04	1455 3-15
HMW-11	45.67	65.94	—	1408 3-14
HMW-13	44.90	49.03	—	1423 3-14
HMW-36	20.58	23.94	—	1418 3-14
HMW-37	40.68	45.31	—	1417 3-14
HMW-38	46.20	63.89	—	1415 3-14
HMW-39	45.82	64.98	—	1403 3-14
HMW-40	24.78	46.07	—	1358 3-14
HMW-41	44.27	61.51	—	1400 3-14
HMW-43	44.37	65.69	—	1406 3-14
HMW-29	73.34	80.81	—	1325 3-14
HMW-32	73.17	92.36	—	1337 3-14
* HMW-34	~~34.70~~ 74.74	92.73	—	1317 3-14
HMW-33	42.82	52.96	—	1318 3-14
HMW-35	~~42.82~~ 43.22	87.03	—	1320 3-14
* HMW-08	75.42	99.68	—	1332 3-14
HMW-59	74.45	87.84	—	1347 3-14

DATE 3-16-11 PERSONNEL G. GALLIA
WELL ID: HMW-34 J. PADILLA

AIR TEMP: 64 °F REL. HUM. 24 %
WEATHER COND: CLEAR 0-5 MPH

PUMP #: 000032 WATER QUALITY METER YSI #: ~~155~~ 00079
DRUM: COMP 159AL WATER LEVEL IND #: 00078
GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 90.00 DTGW (BGS): 72.57
DTW (TOC): ~~34.70~~ 74.74 WATER COL: 17.43
LOC: 2.17 COL. VOL: 11.38
WELL SITE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 19.40 °C D.O.: 1.77 g/L TURB: 0.32 NTU
COND: 12.78 mS/cm PH: 7.40
TDS: 8.308 g/L ORP: 127.8 mV

SAMPLE DATE: 3-16-11
TIME: 1040
ID#: HLSF-3839-HMW-034-0311.

DATE: 3-16-11 WELL ID: HMW-34 PERSONNEL: G. GALLIA, J. PADILLA

TIME	VOL	TEMP	COND	TDS	DO	PH	ORP	TURB
1005	INIT	17.95	12.44	8.084	7.92	7.12	174.5	13.6
1010	750	18.63	12.75	8.286	3.44	7.25	157.3	2.82
1015	1500	18.92	12.80	8.318	3.02	7.18	148.1	1.03
1020	2250	19.09	12.81	8.326	2.96	7.26	141.1	0.70
1025	3000	19.18	12.81	8.329	1.74	7.33	135.4	0.59
1030	3750	19.26	12.79	8.317	1.79	7.37	131.1	0.28
1035	4500	19.40	12.78	8.308	1.77	7.40	127.8	0.32
	5250							
1040	SAMPLE							

NOTES: SET-UP, PUMP SET @ 82.50 DRAWDOWN SET @ 75.43,
CONTROLLER SET MN, REFILL 28, DISCHARGE 10,
PSI 45, START PURGE 1001, 1st WATER 1003, FINISH 1110
TOTAL ~~1440~~ 1103, INITIAL DRAWDOWN 74.43, FINAL

DATE: 3-16-11 PERSONNEL: G. GALLA
WELL ID: HMW-35 J. PADILLA

AIR TEMP: 78 °F REL. HUM. 23 %
WEATHER COND: CLEAR 0-5 MPH.

PUMP #: 00037 WATER QUALITY METER YSI #00079
DRUM: 15 gal COMP WATER LEVEL IND #: 00098
GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 83.50 DTGW (BGS): 70.81
DTW (TOC): 73.22 WATER COL: 12.69
LOC: 241 COL. VOL.: 8.28
WELL SITE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 20.93 °C D.O.: 3.60 g/L TURB: 0.30 NTU
COND: 12.48 mS/cm PH: 7.54
TDS: 8.110 g/L ORP: 77.7 mV

SAMPLE DATE: 3-16-11
TIME: 1328
ID #: HLSF-3839-HMW-035-0311
HLSF-3839-HMW-035-0311-MS/MSD

DATE: 3-16-11 WELL ID: HMW-35 PERSONNEL: G. GALLA, J. PADILLA

TIME	VOL	TEMP	COND	TDS	DO	PH	ORP	TURB
1258	INIT	21.05	12.53	8.148	4.28	7.45	88.1	1.28
1303	750	20.75	12.49	8.118	4.00	7.60	79.9	0.49
1308	1500	20.89	12.46	8.099	3.90	7.57	80.0	0.56
1313	2250	20.74	12.48	8.113	3.75	7.56	79.0	0.48
1318	3000	20.85	12.46	8.100	3.73	7.55	78.5	0.40
1324	3750	20.93	12.48	8.110	3.60	7.54	77.7	0.30
	4500							
	5250							
1328 SAMPLE								

NOTES: SET-UP, PUMP SET @ 77.20, DRAWDOWN SET @ 73.95, CONTROLLER SET NV, REFILL 20, DISCHARGE 10, PST 45, START PURGE 1250, 1ST WATER 1254, FINISH 1430, TOTAL, INITIAL DRAWDOWN 72.95, FINAL 73.05

DATE: 3-17-11 PERSONNEL: J. Padilla
WELL ID: HMW-59

AIR TEMP. 70 °F REL. HUM. 17 %
WEATHER COND.: Clear 0-5 mph

PUMP #: 000133 WATER QUALITY METER YSI #: 00071
DRUM: 15 ocl comp WATER LEVEL IND #: 000090
GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 83.00 DTGW (BGS): 71.25
DTW (TOC): 74.45 WATER COL: 11.75
LOC: 3.20 COL. VOL.: 7.67
WELL SITE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 18.62 °C D.O.: 3.10 g/L TURB: 7.31 NTU
COND: 13.33 mS/cm PH: 7.70
TDS: 8.668 g/L ORP: 102.0 mV

SAMPLE DATE: 3-17-11
TIME: 0946
ID#: HLSF-3839-HMW-059-0311
HLSF-3839-HMW-159-0311

DATE: 3-17-11 WELL ID: HMW-59 PERSONNEL: J. Padilla

TIME	VOL	TEMP	COND	TDS	DO	PH	ORP	TURB
0919	INIT	17.11	13.01	8.456	8.30	7.57	129.1	17.0
0924	750	18.33	13.24	8.606	4.71	7.68	117.1	12.1
0929	1500	18.70	13.31	8.650	3.68	7.70	110.4	11.2
0934	2250	18.62	13.34	8.673	3.35	7.69	107.0	10.7
0939	3000	18.56	13.34	8.673	3.25	7.69	104.20	9.1
0944	3750	18.62	13.33	8.668	3.10	7.70	102.0	7.31
	4500							
0946	5250	Sample						

NOTES: SET-UP PUMP SET @ 74.60, DRAWDOWN SET @ 75.25, CONTROLLER SET MN, REFILL 20, DISCHARGE 10, PSI 45
START PURGE 0914, 1st WATER 0917, FINISH 1:46
TOTAL 1100, INITIAL DRAWDOWN 74.25, FINAL 75.10

HELSTF	LTM	GROUNDWATER			
DRW-1					
DRW-2					
DRW-3					
DRW-4					
* DRW-5					
* DRW-12	QC				
* DRW-13					
* DRW-16	MS/MSD				
* HCF-1					
HCF-5					
HCF-7					
* HMW-11					
* HMW-13					
* HMW-36					
* HMW-37					
* HMW-38					
* HMW-39					
* HMW-40	QC				
* HMW-41					
* HMW-43	MS/MSD				
* HMW-29	-				
* HMW-32					
* HMW-34					
* HMW-33	QC -				
* HMW-35					
HMW-08	- QC				
HMW-59					

WELLID	DTW(TOC)	TD(TOC)	DTP	TIME
DRW-1	45.69	60.08	42.58	1444 3-15
DRW-2	50.83	60.43	43.90	1440 3-15
DRW-3	55.04	61.59	43.25	1449 3-15
DRW-4	43.28	61.15	—	1452 3-15
DRW-5	44.80	61.29	—	1424 3-15
DRW-12	45.89	62.25	—	1426 3-14
DRW-13	44.85	63.24	—	1426 3-15
DRW-16	71.84	92.45	—	1420 3-15
HCF-1	47.05	64.58	SHEEN. —	1453 3-15
HCF-5	46.84	62.66	42.83	1453 3-15
HCF-7	51.33	62.30	45.04	1455 3-15
HMW-11	45.67	65.94	—	1408 3-14
HMW-13	44.90	49.03	—	1423 3-14
HMW-36	20.58	23.94	—	1418 3-14
HMW-37	40.68	45.31	—	1417 3-14
HMW-38	46.20	63.89	—	1415 3-14
HMW-39	45.82	64.98	—	1403 3-14
HMW-40	24.78	46.07	—	1358 3-14
HMW-41	44.27	61.51	—	1400 3-14
HMW-43	44.37	65.69	—	1406 3-14
HMW-29	73.34	80.81	—	1325 3-14
HMW-32	73.17	92.36	—	1337 3-14
* HMW-34	~~34.70~~ 74.74	92.73	—	1317 3-14
HMW-33	42.82	52.96	—	1318 3-14
HMW-35	~~42.82~~ 43.22	87.03	—	1320 3-14
* HMW-08	75.42	99.68	—	1332 3-14
HMW-59	74.45	87.84	—	1347 3-14

DATE: 3-16-11 PERSONNEL G. GARCIA

WELL ID: HMW-8 J. PADILLA

AIR TEMP: 73 °F REL. HUM. 28 %

WEATHER COND: CLEAR 0-5

PUMP #: 000133 WATER QUALITY METER YSI #: 00079

DRUM: COMP 159 AL WATER LEVEL IND#: 00080

GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 102.20 DTGW(BGS): 73.67

DTW(TOC): 75.42 WATER COL: 28.53

LOC: 1.75 COL VOL: 4.65

WELLSITE: 2"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 20.39 °C DO: 6.81 mg/L TURB: 9.21 NTU

COND: 14.66 mS/cm PH: 7.19

TDS: 9527 mg/L ORP: 111.7 mV

SAMPLE DATE: 3-16-11

TIME: 1205

ID#: HELSTF-3832-HMW-008-0511

DATE: 3-16-11 WELL ID: HMW-8 PERSONNEL: G. GARCIA, J. PADILLA

TIME	VOL	TEMP	COND	TDS	DO	PH	ORP	TURB
1140	1 UIT	20.49	14.52	9.437	2.31	7.32	118.9	9.30
1145	750	20.37	14.65	9.523	1.34	7.24	115.9	10.8
1150	1500	20.30	14.66	9.528	0.97	7.20	114.2	10.8
1155	2250	20.36	14.66	9.531	0.94	7.19	112.9	11.1
1200	3000	20.39	14.66	9.527	6.81	7.19	111.7	9.21
	3750							
	4500							
	5250							
1205 SAMPLE								

NOTES: SET-UP PUMP SET @ 84.67, DRAWDOWN SET @ 76.00, CONTROLLER SET MM, REFILL 20, DISCHARGE 10, PSI 50, START PURGE 1131, 1st WATER 1136, FINISH 1246, TOTAL 1:09, INITIAL DRAWDOWN 75.00, FINAL 75.60

DATE: 3-17-11 PERSONNEL: J. Padilla
WELL ID: HMW-32

AIR TEMP: 74 °F REL. HUM: 17 %
WEATHER COND: clear 0-5 mph

PUMP #: 00032 WATER QUALITY METER YSI #00079
DRUM: 15 gal imp WATER LEVEL IND #: 000090
GEN HRS: TURBIDITY METER #: 00078

WELL ID: 89.00 DTW (BGS): 70.74
DTW (TOC): 73.17 WATER COL: 18.26
LOC: 2.43 COL. VOL.: 11.92
WELL SITE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 21.82 °C D.O.: 0.28 g/L TURB: 0.72 NTU
COND: 13.57 mg/cm PH: 7.57
TDS: 8.778 g/L ORP: 68 mV

SAMPLE DATE: 3-17-11
TIME: 1216
I.D #: HLSF-3839-HMW-032-0311
HLSF-3839-RB-001-0311 (1300)

DATE: 3-17-11 WELL ID: HMW-32 PERSONNEL: J. Padilla

TIME	VOL	TEMP	COND	TDS	DO	PH	ORP	TURB
1141	INIT	20.24	13.50	8.775	1.54	7.68	95.7	3.45
1146	750	21.01	13.55	8.806	0.77	7.58	93.2	2.34
1151	1500	21.14	13.60	8.842	0.57	7.57	91.4	2.07
1156	2250	21.41	13.58	8.826	0.46	7.56	89.9	0.98
TP 1202	3000	21.58	13.59	8.832	0.38	7.57	88.4	0.48
1208	3750	21.74	13.55	8.805	0.30	7.57	77.2	0.77
1214	4500	21.82	13.51	8.778	0.28	7.57	68.0	0.72
1216	5250	Sample						

NOTES: SET-UP, PUMP SET @ 82.43, DRAWDOWN SET @ 73.85, CONTROLLER
SET MN, REFILL 20, DISCHARGE 10, PSI 45
START PURGE 1132, 1ST WATER 1136, FINISH 1255, TOTAL 1:23
INITIAL DRAWDOWN 72.85, FINAL 73.46