| WELSTF | 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 | 46.67 | — | 1358 3-14 |
| HMW-41 | 44.27 | 61.51 | — | 1400 3-14 |
| HMW-43 | 44.37 | 65.69 | — | 1416 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~~ 73.22 | 87.03 | — | 1320 3-14 |
| * HMW-08 | 75.42 | 99.68 | — | 1332 3-14 |
| HMW-59 | 74.45 | 87.84 | — | 1347 3-14 |

3-15-11 GABRIEL GARCIA.

WELLS DRW-1, DRW-2, DRW-3, HCF-5, AND HCF-7 WERE NOT SAMPLED DUE TO HAVING PRODUCT AND AS PER ARCADIS PROJECT MANAGER. ALSO WELLS HMW-36 AND HMW-13 WERE NOT SAMPLED DUE TO LOW VOLUME OF WATER IN THE COLUMN.

DATE: 3-22-10 PERSONNEL: J. Padilla
WELL ID: HMW-11

AIR TEMP: 68 °F REL. HUM: 21 %
WEATHER COND: ~~6~~ 5-10 mph cloudy

PUMP #: 000133 WATER QUALITY METER YSI #: 00079
DRUM: 15 gal comp WATER LEVEL IND #: 00090
GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 64.00 DTGW (BGS): 44.32
DTW (TOC): 45.67 WATER COL: 19.68
LOC: 1.35 COL. VOL: 3.20
WELL SITE: 2"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 15.86 °C D.O.: 2.27 g/L TURB: 25.2 NTU
COND: 15.86 mS/cm PH: 7.46
TDS: 10.31 g/L ORP: 96.6 mv

SAMPLE DATE: 3-22-11
TIME: 1035
ID #: HLSF-0143-HMW-011-0311

DATE: 3-22-11 WELL ID: HMW-11 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 0955 | INIT | 19.95 | 17.11 | 11.12 | 4.88 | 7.45 | 104.6 | 39.2 |
| 1002 | 750 | 20.03 | 17.29 | 11.24 | 3.07 | 7.41 | 101.8 | 29.9 |
| 1009 | 1500 | 19.42 | 17.16 | 11.16 | 2.62 | 7.38 | 101.2 | 35.1 |
| 1015 | 2250 | 19.84 | 17.04 | 11.08 | 2.46 | 7.39 | 101.0 | 29.1 |
| 1021 | 3000 | 19.93 | 16.64 | 10.81 | 2.40 | 7.45 | 97.1 | 28.7 |
| 1027 | 3750 | 20.00 | 16.30 | 10.60 | 2.31 | 7.48 | 95.3 | 27.3 |
| 1033 | 4500 | 19.90 | 15.86 | 10.31 | 2.27 | 7.46 | 96.6 | 25.2 |
| 1035 | 5250 | Sample | | | | | | |

NOTES: SET-UP, PUMP SET @ 54.51, DRAWDOWN SET @ 46.18,
CONTROLLER SET CPM-2 ~~TO~~ #55, REFILL 15, DISCHARGE 15,
DSI 35, START PURGE 0949, 1st WATER 0951,
FINISH 1055, TOTAL 1:06, INITIAL DRAWDOWN 45.18
FINAL 48.99

DATE: 3-23-11 PERSONNEL: J. Padilla
WELL ID: HMW-37

AIR TEMP: 64 °F REL. HUM: 19 %
WEATHER COND: clear 0-5 mph

PUMP#: 00032 WATER QUALITY METER YSI#: 00079
DRUM: 15 gal comp WATER LEVEL IND#: 00090
GEN HRS: 0 TURBIDITY METER #: 00078

WELL ID: 4200 DTGW (BGS): 38.18
DTW (TOC): 40.68 WATER COL: 3.82
LOC: 2.50 COL. VOL: 2.49
WELL SITE: 4"

SAMPLE PARAMETERS (@TIME OF COLLECTION)
TEMP: 17.15 °C D.O.: 3.99 g/L TURB: 0.47 NTU
COND: 4.026 mS/cm PH: 7.47
TDS: 2.617 g/L ORP: 136.8 mV

SAMPLE DATE: 3-23-11
TIME: 1011
ID#: HLSF-0143-HMW-037-0311

DATE: 3-23-11 WELL ID: HMW-37 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 0934 | INIT | 16.94 | 4.059 | 2.638 | 4.98 | 7.83 | 191.2 | 2.68 |
| 0941 | 750 | 18.34 | 4.029 | 2.619 | 4.29 | 7.53 | 176.7 | 1.94 |
| 0948 | 1500 | 17.76 | 4.046 | 2.630 | 4.07 | 7.51 | 156.2 | 0.75 |
| 0955 | 2250 | 16.72 | 4.082 | 2.653 | 4.22 | 7.46 | 143.8 | 0.62 |
| 1002 | 3000 | 16.92 | 4.022 | 2.614 | 4.02 | 7.46 | 139.2 | 0.60 |
| 1009 | 3750 | 17.15 | 4.026 | 2.617 | 3.99 | 7.47 | 136.8 | 0.47 |
| 1011 | 4500 | | | | | | | |
| | 5250 | Sample | | | | | | |

NOTES: SET-UP PUMP SET @ 40.10, DRAWDOWN SET @ 41.85, CONTROLLER SET CPM-2 ID#55
RECILL 15, DISCHARGE 15, PSI 25, START PURGE 0929
1ST WATER 0931, FINISH 1035, TOTAL 0:59, INITIAL DRAWDOWN 40.85
FINAL 41.00

DATE: 3-22-11 PERSONNEL: J. Padilla
WELL ID: HMW-38

AIR TEMP: 73 °F REL. HUM: 23 %
WEATHER COND.: cloudy 0-5 mph

PUMP #: 000133 WATER QUALITY METER YSI#: 00079
DRUM: 15 gal comp WATER LEVEL IND#: 00090
GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 62.00 DTGW(BGS): 43.82
DTW(TOC): 46.20 WATER COL: 18.18
LOC: 2.38 COL. VOL: 11.87
WELLSITE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 20.89 °C D.O.: 1.83 g/L TURB: 0.60 NTU
COND: 11.98 mS/cm PH: 7.40
TDS: 7.790 g/L ORP: 86.3 mV

SAMPLE DATE: 3-22-11
TIME: 1248
ID#: HLSF-0143-HMW-038-0311
HLSF-0143-HMW-138-0311

DATE: 3-22-11 WELL ID: HMW-38 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1216 | INIT | 20.75 | 11.95 | 7.769 | 2.78 | 7.48 | 87.0 | 1.60 |
| 1222 | 750 | 20.79 | 12.09 | 7.860 | 2.09 | 7.37 | 83.4 | 0.56 |
| 1228 | 1500 | 20.80 | 12.11 | 7.874 | 1.94 | 7.36 | 84.4 | 0.54 |
| 1234 | 2250 | 20.82 | 12.10 | 7.863 | 1.92 | 7.38 | 84.9 | 0.59 |
| 1240 | 3000 | 20.88 | 12.06 | 7.839 | 1.89 | 7.40 | 86.0 | 0.69 |
| 1246 | 3750 | 20.89 | 11.98 | 7.790 | 1.83 | 7.40 | 86.3 | 0.60 |
| 1248 | 4500 | Sample | | | | | | |
| | 5250 | | | | | | | |

NOTES: SETUP, PUMP SET @ 56.99, DRAWDOWN SET @ 47.00, CONTROLLER SET CM-2 ID# 55
REFILL 15, DISCHARGE 15, PSI 40, START PURGE 1209, 1st WATER 1212
FINISH 13:15, TOTAL 1:06, INITIAL DRAWDOWN 46.00, FINAL 46.20

DATE: ~~3-23-11~~ 3-24-11 BTD PERSONNEL: J. Padilla

WELL ID: HMW-39

AIR TEMP: 63 °F REL. HUM: 17 %

WEATHER COND: CLEAR 0-5 MPH.

PUMP#: 000133 WATER QUALITY METER YSI #: 00079

DRUM: 15 gal comp WATER LEVEL IND #: 00090

GEN. HRS: 0 TURBIDITY METER #: 00078

WELL ID: 62.00 DTGW (BGS): 43.17

DTW (TOC): 45.82 WATER COL: 18.83

LOC: 2.65 COL. VOL: 12.29

WELL SITE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 20.08 °C D.O.: 5.69 g/L TURB: 0.32 NTU

COND: 14.90 mS/cm PH: ~~5.98~~ 7.67

TDS: 9.685 g/L ORP: -5.9 MV

SAMPLE DATE: 3-24-11

TIME: 1035

ID#: HLSF-0143-HMW-039-0311

DATE: 3-23-11 WELL ID: HMW-39 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 0903 | INIT | 18.33 | 14.37 | 9.344 | 6.49 | 7.77 | 50.2 | 0.54 |
| 0908 | 750 | 19.29 | 14.79 | 9.613 | 5.98 | 7.78 | 13.3 | 0.76 |
| 0913 | 1500 | 19.72 | 14.89 | 9.680 | 6.02 | 7.72 | 1.7 | 0.50 |
| 0918 | 2250 | 19.90 | 14.90 | 9.684 | 5.86 | 7.70 | -3.3 | 0.34 |
| 0923 | 3000 | 20.08 | 14.90 | 9.685 | 5.69 | 7.69 | -5.9 | 0.32 |
| | 3750 | | | | | | | |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |
| 1035 SAMPLE | | | | | | | | |

NOTES: SET-UP, PUMP SET @ 57.00, DRAWDOWN SET @ 46.65, CONTROLLER SET ~~1255~~ CPM-2 ~~1255~~ 0900

REFILL 15, DISCHARGE 15, PSI 35, START PURGE ~~1255~~ 0900

1st WATER ~~1257~~ 0902, FINISH 10:45, TOTAL 1:45, INITIAL DRAWDOWN 45.65

FINAL 46.10

DATE: 3-24-11 PERSONNEL: J. Padilla

WELL ID: HMW-40

AIR TEMP: 63 °F REL. HUM: 17 %

WEATHER COND: Clear 0-5 mph

PUMP #: 00032 WATER QUALITY METER YSI #: 00012

DRUM: 15 gal comp WATER LEVEL IND #: ~~00098~~ JB 00097

GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 38.00 DTGW(BGS): 22.50

DTW(TOC): 24.78 WATER COL: 15.50

LOC: 2.28 COL. VOL: 10.12

WELL SITE: 41

SAMPLE PARAMETERS (@TIME OF COLLECTION)

TEMP: 18.50 °C DO: 1.54 g/L TURB: 0.30 NTU

COND: 19.43 mS/cm PH: 7.20

TDS: 12.63 g/L ORP: 126.5 mV

SAMPLE DATE: 3-24-11

TIME: 1030

ID #: HLSF-0143-HMW-040-0311

HLSF-0143-HMW-040-0311-ms/msd

DATE: 3-24-11 WELL ID: HMW-40 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 0856 | INIT | 18.38 | 16.22 | 10.54 | 7.57 | 7.04 | 146.6 | 0.76 |
| 0904 | 750 | 18.78 | 19.49 | 12.67 | 2.28 | 7.17 | 140.6 | 1.10 |
| 0912 | 1500 | 17.10 | 19.58 | 12.73 | 1.81 | 7.17 | 136.2 | 0.65 |
| 0920 | 2250 | 17.16 | 19.44 | 12.64 | 1.72 | 7.19 | 124.6 | 0.62 |
| 0928 | 3000 | 17.99 | 19.40 | 12.61 | 1.64 | 7.19 | 127.2 | 0.36 |
| 0936 | 3750 | 18.50 | 19.43 | 12.63 | 1.54 | 7.20 | 126.5 | 0.30 |
| ~~0944~~ | IR 4500 | | | | | | | |
| 1030 | 5250 | Sample | | | | | | |

NOTES: SET-UP PUMP SET @ 33.00 DRAWDOWN SET @ 25.50 CONTROLLER SET MN

REFILL 20 DISCHARGE 10 PSI 25 START PURGE 0852

1st WATER 0854 FINISH 1050 TOTAL 1:58 INITIAL DRAWDOWN 24.50

FINAL 25.05

DATE: 3-24-11 PERSONNEL: J. Padilla

WELL ID: HMW-41

AIR TEMP: 70 °F REL. HUM: 16 %

WEATHER COND: clear 0-5 mph

PUMP #: 000133 WATER QUALITY METER YSI #: 00012

DRUM: 15 gal WATER LEVEL IND #: 00097

GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 59.00 DTGW (BGS): 41.95

DTW (TOC): 44.27 WATER COL: 17.05

LOC: 2.32 COL VOL: 11.13

WELL SIZE: ~~HMW-41~~ 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 20.20 °C D.O.: 5.77 g/L TURB: 0.15 NTU

COND: 19.21 mS/cm PH: 7.19

TDS: 12.49 g/L ORP: 133.3 mV

SAMPLE DATE: 3-24-11

TIME: 1056

ID #: HLSF-0143-HMW-041-0311

DATE: 3-24-11 WELL ID: HMW-41 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1024 | INIT | 19.51 | 19.14 | 12.44 | 9.43 | 7.52 | 152.8 | 0.47 |
| 1030 | 750 | 20.01 | 19.23 | 12.50 | 6.24 | 7.20 | 143.9 | 0.34 |
| 1036 | 1500 | 20.03 | 19.26 | 12.52 | 5.67 | 7.21 | 139.7 | 0.27 |
| 1042 | 2250 | 19.98 | 19.25 | 12.51 | 5.60 | 7.19 | 137.6 | 0.32 |
| 1048 | 3000 | 20.11 | 19.23 | 12.50 | 5.56 | 7.19 | 135.3 | 0.18 |
| 1054 | 3750 | 20.20 | 19.21 | 12.49 | 5.77 | 7.19 | 133.3 | 0.15 |
| 1056 | 4500 | Sample | | | | | | |
| | 5250 | | | | | | | |

NOTES: SET-UP, PUMP SET @ 54.00, DRAWDOWN SET @ 44.75

CONTROLLER SET CPA-2 ID#55, REFILL 15, DISCHARGE 15

PSI 35, START PURGE 1020, 1st WATER 1022, FINISH 1110

TOTAL 0.48, INITIAL DRAWDOWN 43.75, FINAL 43.75

DATE: 3-22-11 PERSONNEL: J. Padilla

WELL ID: HMW-43

AIR TEMP: 70 °F REL. HUM: 22 %

WEATHER COND: 5-10 mph cloudy

PUMP #: 00032 WATER QUALITY METER YSI #: 00079

DRUM: 15 gal comp WATER LEVEL IND. #: 00090

GEN HRS: Ø TURBIDITY METER #: 00078

WELL ID: 65.50 DTGW (BGS): 41.94

DTW (TOC): 44.37 WATER COL: 23.56

LOC: 2.43 COL. VOL: 15.38

WELL SITE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 21.50 °C D.O.: 2.66 g/L TURB: 0.14 NTU

COND: 7.004 mS/cm PH: 7.27

TDS: 4.553 g/L ORP: 70.4 mV

SAMPLE DATE: 3-22-11

TIME: 1141

ID #: HLSF-0143-HMW-043-0311

DATE: 3-22-11 WELL ID: HMW-43 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1105 | INIT | 21.02 | 7.184 | 4.669 | 4.38 | 7.45 | 100.3 | 12.3 |
| 1111 | 750 | 21.52 | 7.026 | 4.567 | 3.05 | 7.31 | 86.0 | 10.4 |
| 1118 | 1500 | 21.63 | 7.017 | 4.561 | 2.76 | 7.29 | 77.2 | 3.83 |
| 1125 | 2250 | 21.58 | 7.016 | 4.560 | 2.82 | 7.27 | 73.4 | 2.67 |
| 1132 | 3000 | 21.16 | 7.010 | 4.557 | 2.86 | 7.25 | 72.0 | 1.63 |
| 1139 | 3750 | 21.50 | 7.004 | 4.553 | 2.66 | 7.27 | 70.4 | 0.14 |
| 1141 | 4500 | Sample | | | | | | |
| | 5250 | | | | | | | |

NOTES: SET-UP PUMP SET @ 57.66 DRAWDOWN SET @ 45.20 CONTROLLER SET CPM-2 IPH55

REFILL 15 DISCHARGE 15 PSI 35 START PURGE 1100

1ST WATER 1102 FINISH 1210 TOTAL 1:10 INITIAL DRAWDOWN 45.20

FINAL 46.00