# STP Jan-Feb 2011

## Low Flow Sampling

EQUIPMENT < 250'

CONTROLLER - MICRO PURGE BASIC (QED)

MODEL # MP-10 TAG # 00009

PUMPS 1 3/4 STAINLESS STEEL PUMP W/ DISPOSABLE POLYETHELYNE BLADDERS

TAG # 11281, TAG # 11290 DC0133

FERROUS IRON METER HACH DR/850

COLORIMETER ID #

CO2 METER HACH CAT# 14C-01

EQUIPMENT FOR WELLS > 250'

CONTROLLER MICRO PURGE (QED) HIGH PRESSURE

MODEL # MP10H TAG # 00083

QED STAINLESS STEEL 1000' BLADDER PUMP

MODEL # 1105MC 1.66-55" X 56" TAG # 00090

DRAWDOWN METER MODEL MP-30 00096

THERMO ORION TURBIDITY METER MODEL # AQ4500 TAG # 00011

WATER LEVEL SUP: TAG # ____, TAG # ____

YSI 556 - MULTI-PARAMETER SYSTEM W/ INGLE FLOW THROUGH CELL TAG # 2225 (RENTAL)

SAMPLING PROCEDURES ACCORDANCE WITH LOW-FLOW MINIMAL DRAWDOWN SAMPLING PROCEDURES AS DISCRIBED IN US EPA 1996

# STP - PERCOLATION DITCHES

| WELL ID | DTW (TOC) | TD (TOC) | (TIME) |
|---|---|---|---|
| *MPL-1 | 205.41 | 222.81 | 1452 1-5-11 |
| *MPL-2 | 199.01 | 221.05 | 1445 1-5-11 |
| *MPL-3 QC | 192.68 | 230.72 | 1430 1-5-11 |
| *MPL-4 MS/MSD | 188.75 | 227.55 | 1438 1-5-11 |
| *MPL-5 | 184.13 | 208.03 | 1425 1-6-11 |
| *MPL-6 | 172.12 | 193.06 | 1420 1-5-11 |
| *MPL-7 | 179.51 | 213.12 | 1505 1-5-11 |
| *MPL-10 | 241.40 | 278.21 | 1255 1-6-11 |
| *MPL-13 | 218.40 | 236.70 | 1313 1-6-11 |
| *MPL-16 MS/MSD | 234.85 | 257.80 | 1042 1-5-11 |
| *MPL-17 | 176.98 | 191.21 | 1516 1-5-11 |
| *MPL-18 | 171.95 | 230.80 | 1425 1-5-11 |
| *MPL-19 | 194.24 | 457.90 | 1325 1-6 |
| *MPL-20 QC | 193.20 | 322.68 | 1320 1-6-11 |
| MPL-21 MS/MSD | 186.11 | 445.58 | 1405 1-6-11 |
| MPL-22 | 189.33 | 311.31 | 1410 1-6-11 |
| *MPL-23 QC | 243.34 | 539.45 | 1240 1-6-11 |
| *MPL-24 | 238.92 | 317.05 | 1250 1-6-11 |
| *MPL-25 | 256.45 | 278.20 | 1032 1-5-11 |
| *MPL-26 | 216.55 | 258.12 | 1020 1-5-11 |
| *MPL-28 | 184.85 | 203.61 | 1335 1-6-11 |
| *MPL-29 | 215.62 | 227.98 | 1350 1-6-11 |
| *MPL-30 | 199.71 | 223.36 | 1519 1-5-11 |
| *SMW-1 | 211.89 | 288.98 | 0937 1-5-11 |
| *SMW-4 | 254.54 | 28.91 | 0958 1-5-11 |
| T-40* | 128.52 | 143.72 | 1435 1-6-11 |

STP PERCOLATION DITCHES

2011 SAMPLING EVENT

DATE 1-11-11 PERSONNEL G. GARCIA
WELL ID: SMW-04 J. PADILLA

AIR TEMP: 45 °F REL. HUM 27 %
WEATHER COND: clear 0-5 mph

PUMP #: 0090 WATER QUALITY METER YSI# 2225 RENTAL
DRUM: COMP 55 gal WATER LEVEL IND#: 00096
GEN HRS: 0:30 TURBIDITY METER#: 000011

WELL TD: 278.50 DTGW (bgs): 251.73
DTW (TOC) 254.54 WATER COL: 26.77
LOC: 2.81 COL. VOL: 27.30
WELL SIZE: 5"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 14.05 °C DO: 3.61 g/L TURB 9.26 NTU
COND: 0.375 mS/cm PH: 8.17 $CO_2$ @ 16.0 mg/L HIGHER RANGE
TDS: 0.244 mg/L ORP: 180.5 mV FERROUS METALS 0.04 mg/L

SAMPLE DATE: 1-11-11
TIME: 1143
I.D.#: SGTP-6678-SMW-004-0111

DATE: 1-11-11 WELL ID: SMW-4 PERSONNEL: G. GARCIA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1108 | INIT | ~~6.64~~ 6.58 | ~~0.338~~ 0.340 | ~~0.219~~ 0.221 | ~~7.15~~ 6.78 | ~~7.09~~ 7.09 | 203.4 | 14.6 |
| 1113 | 750 | 8.92 | 0.362 | 0.236 | 4.43 | 7.51 | 194.0 | 15.0 |
| 1118 | 1500 | 11.00 | 0.371 | 0.241 | 4.20 | 7.65 | 194.3 | 14.1 |
| 1123 | 2250 | 12.57 | 0.374 | 0.243 | 3.92 | 7.98 | 188.6 | 12.0 |
| 1128 | 3000 | 13.72 | 0.372 | 0.242 | 3.59 | 7.97 | 185.5 | 11.0 |
| 1132 | 3750 | 13.96 | 0.374 | 0.243 | 3.63 | 8.08 | 181.4 | 10.5 |
| 1137 | 4500 | 14.06 | 0.375 | 0.244 | 3.55 | 7.84 | 179.0 | 9.20 |
| 1142 | 5250 | 14.05 | 0.375 | 0.244 | 3.61 | 8.17 | 180.5 | 9.26 |
| 1143 | Sample | | | | | | | |

NOTES: SET-UP, PUMP SET @ 264.37, DRAWDOWN SET @ 254.85, CONTROLLER SET MN
REFILL 50, DISCHARGE 30, PSI 120, START PURGE 1049, 1ST WATER 1105
FINISH 1215, TOTAL 1.21, INITIAL DRAWDOWN 253.85, FINISH 254.85

DATE: 1-11-11 PERSONNEL: G GARITA
WELLID: MPL-05 J. PADILLA

AIRTEMP: 53 °F REL. HUM 25 %
WEATHER COND: CLEAR 0.5

(RENTAL)
PUMP#: 11281 WATER QUALITY METER SI#: 2225
DRUM: COMP 55GAL WATER LEVEL IND#: 000096
GEN HRS: Ø TURBIDITY METER#: 000011

WELLTD: 204.65 DTGW (bgs) 184.15
DTW (TOC): 186.13 WATER COL: 20.50
LOC: 1.98 COL. VOL: 13.38
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 20.09 °C D.O: 3.93 g/L TURB: 1.36 NTU
COND: 0.497 mS/cm PH: 7.97 COR: 16.0 MEDIUM RANGE mg/L
TDS: 0.323 mg/L ORP: 209.0 mV FERROUS METALS: 0.04 mg/L

SAMPLE DATE: 1-11-11
TIME: 1328
ID#: MNPL-MPL-MPL-005-0111

DATE: 1-11-11 WELLID: MPL-05 PERSONNEL: G GARITA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1301 | INIT | 17.27 | 0.487 | 0.317 | 4.39 | 8.00 | 193.1 | 3.01 |
| 1306 | 750 | 19.00 | 0.494 | 0.321 | 4.38 | 7.98 | 202.9 | 1.98 |
| 1311 | 1500 | 19.74 | 0.495 | 0.322 | 4.14 | 7.95 | 205.9 | 2.30 |
| 1316 | 2250 | 20.03 | 0.496 | 0.322 | 3.93 | 7.96 | 207.2 | 1.70 |
| 1321 | 3000 | 20.23 | 0.497 | 0.323 | 4.00 | 7.97 | 208.8 | 1.69 |
| 1326 | 3750 | 20.09 | 0.497 | 0.323 | 3.93 | 7.97 | 209.0 | 1.31 |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |

NOTES: SET-UP, PUMP SET @ 192.92, DRAWDOWN SET @ 187.15, CONTROLLER SET CPM#8 ID#56.
REFILL 14, DISCHARGE 16, PSI 95, START PURGE 1251, 1ST WATER 1258
FINISH 1355, TOTAL 1104, INITIAL DRAWDOWN 186.15, FINAL 186.15

DATE: 1-12-11 PERSONNEL: G. GARCIA
WELL ID: SMW-1 J. PADILLA

AIR TEMP: 43 °F REL. HUM 34 %
WEATHER COND: Cloudy Overcast 0-5 mph

PUMP #: 00090 WATER QUALITY METER #: 2225 RENTAL
DRUM: 55 COMP WATER LEVEL ID #: 000086
GEN HRS: 0130 TURBIDITY METER #: 000011

WELL TD: 286.28 DTGW (DGS): 209.28
DTW (TOC) 211.89 WATER COL: 77.00
LOC: 2.61 COL. VOL: 78.54
WELL SIZE: 5"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 12.98 °C DO: 6.44 g/L TURB: 0.01 NTU
COND: 0.347 mS/cm PH: 6.92 $CO_2$: 20 medium range mg/L
TDS: 0.225 mg/L ORP: 159.1 MN: FERROUS IRONS: 0.03 mg/L

SAMPLE DATE: 1-12-11
TIME: 1035
ID #: SGTP-6678-SMW-001-0111

DATE: 1-12-11 WELL ID: SMW-1 PERSONNEL: G. GARCIA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1001 | INIT | 4.12 | 0.376 | 0.244 | 11.48 | 7.36 | 169.3 | 4.75 |
| 1006 | 750 | 5.24 | 0.357 | 0.232 | 8.76 | 7.29 | 176.4 | 1.89 |
| 1011 | 1500 | 7.94 | 0.345 | 0.224 | 7.18 | 6.93 | 173.5 | 0.55 |
| 1016 | 2250 | 10.35 | 0.347 | 0.225 | 6.72 | 6.84 | 171.1 | 0.23 |
| 1021 | 3000 | 11.47 | 0.346 | 0.225 | 6.54 | 6.94 | 164.8 | 0.09 |
| 1026 | 3750 | 12.45 | 0.346 | 0.225 | 6.46 | 6.90 | 162.3 | 0.06 |
| 1031 | 4500 | 12.90 | 0.347 | 0.225 | 6.44 | 6.92 | 159.1 | 0.01 |
| | 5250 | | | | | | | |
| 1035 | Sample | | | | | | | |

PUMP-SET @ 275.00', DRAWDOWN 212.40', CONTROLLER SET @ MW, REFILL 30
DISCHARGE 20, PSI 120, START RUN @ 0945, 1ST WATER @ 0959, FINISH 1055
TOTAL 1:10, TOTAL DRAWDOWN 214.40', FINAL 211.89'

DATE: 1-12-11 PERSONNEL: G. GARCIA
WELL ID: MPL-18

AIR TEMP: 48 °F REL HUM 36 %
WEATHER COND: OVERCAST 0-5 MPH

RENTAL
PUMP #: 11290 WATER QUALITY METER USI #: 2225
DRUM: COMP 55 GAL WATER LEVEL IND: 000096
GEN HRS: Ø TURBIDITY METER: 000011

WELL TD: 230.00 DTGW (bgs) 170.40
DTW (TOC) 171.95 WATER COL: 59.60
LOC: 1.55 COL. VOL: 38.91
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 19.82 °C DO: 5.11 g/L TURB: 0.15 NTU
COND: 0.313 MS/CM PH: 7.87 $CO_2$: 14.0 MEDIUM RANGE mg/L
TDS: 0.203 mg/L ORP: 111.3 mV FERROUS METALS: 0.00 mg/L

SAMPLE DATE: 1-12-11
TIME: 1152
ID#: MNPL-MPL-MPL-018-0111

DATE: 1-12-11 WELL ID: MPL-18 PERSONNEL: G. GARCIA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1124 | INIT | 15.87 | 0.310 | 0.201 | 6.66 | 7.56 | 1.47.8 | 0.71 |
| 1129 | 750 | 18.14 | 0.313 | 0.204 | 5.89 | 7.78 | 136.9 | 0.55 |
| 1134 | 1500 | 19.00 | 0.312 | 0.203 | 5.35 | 7.84 | 136.3 | 0.30 |
| 1139 | 2250 | 19.27 | 0.312 | 0.203 | 5.12 | 7.86 | 133.6 | 0.18 |
| 1144 | 3000 | 19.46 | 0.312 | 0.203 | 5.13 | 7.85 | 127.2 | 0.13 |
| 1149 | 3750 | 19.82 | 0.313 | 0.203 | 5.11 | 7.87 | 111.3 | 0.15 |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |
| 1152 | SAMPLE | | | | | | | |

NOTES: SET-UP, PUMP SET @ 22.35, DRAWDOWN SET @ 172.90, CONTROLLER SET CPM2 JD56
REFILL 14, DISCHARGE 16, PSI 90, START PURGE 1116, 1ST WATER 1123
FINISH 1215, TOTAL 1:01, INITIAL DRAWDOWN 171.90, FINISH 172.19

DATE: 1-12-11 PERSONNEL: G. GARCIA
WELL ID: MPL-06 J. PADILLA

AIR TEMP: 51 °F REL HUM 32 %
WEATHER COND: PARTLY CLOUDY 0-5 MPH

PUMP #: 000133 WATER QUALITY METER USI #: 2225 RENTAL
DRUM: COMP 55GAL WATER LEVEL IND #: 000096
GEN HRS: Ø TURBIDITY METER #: 000011

WELL TD: 193.06 DTGW (bgs): 169.51
DTW (TOC): 172.12 WATER COL: 23.49
LOC: 2.61 COL. VOL: 15.33
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 19.78 °C DO: 5.22 g/L TURB: 0.28 NTU
COND: 0.329 mS/cm PH: 7.90 CO2: 10.0 HIGH RANGE Mg/L
TDS: 0.214 Mg/L ORP: 69.0 MV FERROUS METALS: 0.00 Mg/L

SAMPLE DATE: 1-12-11
" TIME: 1300
" ID #: MNPL-MPL-MPL-006-0111

DATE: 1-12-11 WELL ID: MPL-6 PERSONNEL: G. GARCIA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1233 | INIT | 17.13 | 0.325 | 0.211 | 6.35 | 7.90 | 93.2 | 0.98 |
| 1238 | 750 | 19.11 | 0.329 | 0.214 | 5.59 | 7.93 | 91.9 | 0.37 |
| 1243 | 1500 | 19.70 | 0.329 | 0.214 | 5.44 | 7.96 | 90.2 | 0.43 |
| 1248 | 2250 | 19.56 | 0.330 | 0.215 | 5.10 | 7.96 | 77.6 | 0.47 |
| 1253 | 3000 | 19.54 | 0.329 | 0.214 | 5.31 | 7.92 | 73.6 | 0.38 |
| 1258 | 3750 | 19.78 | 0.329 | 0.214 | 5.22 | 7.90 | 69.0 | 0.28 |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |
| 1300 SAMPLE | | | | | | | | |

NOTES: SET-UP, PUMP SET @ 178.57, DRAWDOWN SET @ 173.10, CONTROLLER SET @ CPM2 30.56
REFILL 14, DISCHARGE 16, PSI 90, START PURGE 1226, 1ST WATER 1231,
FINISH 1330, TOTAL 1104, INITIAL DRAWDOWN 172.10, FINAL 172.89

DATE: 1-13-11 PERSONNEL: G.GARCIA
WELL ID: MPL-20 J. PADILLA

AIR TEMP: 45 °F REL. HUM 33 %
WEATHER COND: Clear 0-5 mph

RENTAL
PUMP #: 00090 WATER QUALITY METER YSI #: 2225
DRUM: COMP 55 GAL WATER LEVEL IND #: 000086
GEN HRS: 0:30 TURBIDITY METER: 000011

WELL TD: 325.00 DTW (bgs): 190.73
DTW (TOC) 193.20 WATER COL: 134.27
LOC: 2.47 COL. VOL: 136.95
WELL SIZE: 5"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 13.39 °C DO: 5.75 g/L TURB: 0.26 NTU
COND: 0.667 mS/cm PH: 7.62 $CO_2$: 16 (medium range) mg/L
TDS: 0.433 mg/L ORP: 252.1 mV FERROUS METALS: 0.02 mg/L

SAMPLE DATE: 1-13-11
" TIME: 1055
" ID #: MNPL-MPL-MPL-020-0111
MNPL-MPL-MPL-120-0111

DATE 1-13-11 WELL ID MPL-20 PERSONNEL: G.GARCIA, J.PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1017 | INIT | 9.07 | 0.408 | 0.298 | 8.81 | 8.13 | 145.8 | 2.89 |
| 1023 | 750 | 10.11 | 0.551 | 0.358 | 6.75 | 7.57 | 224.7 | 0.97 |
| 1029 | 1500 | 11.70 | 0.663 | 0.412 | 6.05 | 7.69 | 242.9 | 0.63 |
| 1035 | 2250 | 12.82 | 0.656 | 0.427 | 5.85 | 7.69 | 251.4 | 0.38 |
| 1041 | 3000 | 13.22 | 0.664 | 0.432 | 5.82 | 7.88 | 244.3 | 0.29 |
| 1047 | 3750 | 13.35 | 0.665 | 0.433 | 5.75 | 7.76 | 247.3 | 0.34 |
| 1053 | 4500 | 13.39 | 0.667 | 0.433 | 5.75 | 7.62 | 252.1 | 0.26 |
| | 5250 | | | | | | | |
| 1055 | Sample | | | | | | | |

NOTES: SET-UP, PUMP SET @ 307, DRAWDOWN SET @ 194.13, CONTROLLER SET @ MW
REFILL 50, DISCHARGE 50, PST 135, START PURGE 0959, 1ST WATER 1015
FINISH 1125, TOTAL 124, INITIAL DRAWDOWN 193.13, FINAL 193.20

DATE: 1-13-11 PERSONNEL: J. Padilla
WELL ID: MPL-29 G. Garcia

AIR TEMP: 58 °F REL HUM 34 %
WEATHER COND: clear 0-5 mph

PUMP #: 281 WATER QUALITY METER (YSI) #: Pontel 2223
DRUM: 55 gal comp WATER LEVEL IND #: 000096
GEN HRS: 0 TURBIDITY METER #: 000011

WELL TD: 225.63 DTGW (bgs): 213.35
DTW (TOC): 215.62 WATER COL: 12.28
LOC: 2.27 COL. VOL: 8.01
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME of COLLECTION)
TEMP: 20.63 °C DO: 4.35 g/L TURB: 2.90 NTU
COND: 0.752 mS/cm PH: 7.49 CO2 20 medium range mg/L
TDS: 0.489 mg/L ORP: 231.9 mV FERROUS METALS: 0.04 mg/L

SAMPLE DATE: 1-13-11
" TIME: 1240
" ID #: MNPL-MPL-MPL-029-0111

DATE: 1-13-11 WELL ID: MPL-29 PERSONNEL: J. Padilla, G. Garcia

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1207 | INIT | 18.34 | 0.747 | 0.486 | 5.17 | 7.61 | 224.5 | 6.50 |
| 1213 | 750 | 19.64 | 0.747 | 0.486 | 4.67 | 7.58 | 232.3 | 5.94 |
| 1219 | 1500 | 20.53 | 0.750 | 0.487 | 4.43 | 7.51 | 229.8 | 4.12 |
| 1225 | 2250 | 20.57 | 0.753 | 0.489 | 4.39 | 7.57 | 227.8 | 3.24 |
| 1231 | 3000 | 20.74 | 0.751 | 0.488 | 4.38 | 7.49 | 231.8 | 2.97 |
| 1237 | 3750 | 20.63 | 0.752 | 0.489 | 4.35 | 7.49 | 231.9 | 2.90 |
| 1240 | 4500 | | | | | | | |
| | 5250 | | | | | | | |
| | Sample | | | | | | | |

NOTES: SET UP PUMP SET @ 216.68, DRAWDOWN SET @ 216.47 COMMENCE SET @ 1152, CAM 2 #4455
REFILL 15", DISCHARGE 15", PSI 105, START PURGE 1152, 1ST WATER 1200
FINISH 1310, TOTAL 1:18, INITIAL DRAWDOWN 215.47, FINAL 216.33

DATE: 1-18-11 PERSONNEL: J. Padilla
WELL ID: MPL-19 E. Garcia

AIR TEMP: 76 °F REL. HUM 32 %
WEATHER COND: CLEAR 0-2 MPH

PUMP #: 000133 WATER QUALITY METER YSI #: 2111 Rental
DRUM: 55 gal comp WATER LEVEL IND #: 000096
GEN HRS: 0:30 TURBIDITY METER: 000011

WELL TD: 475.00 DTW(bgs): 191.71
DTW (TOC) 194.24 WATER COL: 283.29
LOC: 2.53 COL. VOL: 288.95
WELL SIZE: 5"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 21.56 °C DO: 6.56 g/L TURB: 0.35 NTU
COND: 0.336 mS/cm PH: 7.93 $CO_2$: 10 medium range mg/L
TDS: 0.219 mg/L ORP: 159.8 mV FERROUS METALS: 0.05 mg/L

SAMPLE DATE: 1-18-11
TIME: 1344
ID #: MNPL-MPL-MPL-019-0111

NOTE: 1015 HAD A BUSTED HYDRULIC LINE FROM OUR HYDRULFC REEL. NEED TO REPLACE WITH NEW ONE ~~M~~ HAD TO REPLACE (PUMP BLADDER BLEW OFF)

DATE: 1-18-11 WELL ID: MPL-19 PERSONNEL: J. Padilla/E. Garcia

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1150 | INIT | 18.19 | 0.363 | 0.236 | 6.21 | 7.77 | 176.4 | 0.59 |
| 1156 | 750 | 19.71 | 0.342 | 0.222 | 5.49 | 7.72 | 166.1 | 0.61 |
| 1310 | 1500 | 20.93 | 0.336 | 0.219 | 2.85 | 8.05 | 149.8 | 0.67 |
| 1318 | 2250 | 21.06 | 0.334 | 0.217 | 5.68 | 7.98 | 151.6 | 0.61 |
| 1324 | 3000 | 21.28 | 0.334 | 0.217 | 6.50 | 7.94 | 154.5 | 0.58 |
| 1330 | 3750 | 21.43 | 0.333 | 0.216 | 6.83 | 7.93 | 157.1 | 0.28 |
| 1336 | 4500 | 21.50 | 0.333 | 0.217 | 6.63 | 7.93 | 158.9 | 0.31 |
| 1342 | 5250 | 21.56 | 0.336 | 0.219 | 6.56 | 7.93 | 159.8 | 0.35 |
| 1344 | Sample | | | | | | | |

PUMP BLEW OUT

NOTES: SET-UP, PUMP SET @ 462.53, DRAWDOWN SET TO 194.95, CONTROLLER SET — MIN
REFILL 50, DISCHARGE 5D, PST 120, START PULSE 1251, 1ST WATER @ 1306
FINISH 1405, TOTAL 1:14, INITIAL DRAWDOWN 193.95, FINAL 194.15

DATE 1-19-11 PERSONNEL: J. Padilla, G. Garcia
WELL ID MPL-16

AIR TEMP: 73 °F REL. HUM 22 %
WEATHER COND: clear 5-10 mph

PUMP #: 11290 WATER QUALITY METER YSI #: Rental 2111
DRUM: 55 gal comp WATER LEVEL IND: 000190
GEN HRS: Ø TURBIDITY METER #: 000149

WELL TD: 255.00 DTGW (bgs): 233.50
DTW (TOC) 234.85 WATER COL: 21.50
LOC: 1.35 COL VOL: 14.03
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 22.22 °C DO: 5.95 g/L TURB: 0.30 NTU
COND: 0.498 mS/cm PH: 7.79 $CO_2$: 14 medium range mg/L
TDS: 0.324 mg/L ORP: 214.0 mV FERROUS METALS: 0.04 mg/L

SAMPLE DATE: 1-19-11
TIME: 1121
ID #: MNPL-MPL-MPL-016-0111
MNPL-MPL-MPL-016-0111-MS
MNPL-MPL-MPL-016-0111-MSD

DATE: 1-19-11 WELL ID: MPL-16 PERSONNEL: J. Padilla, G. Garcia

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1043 | INIT | 20.57 | 0.490 | 0.319 | 6.59 | 7.56 | 232.9 | 0.51 |
| 1049 | 750 | 21.01 | 0.493 | 0.321 | 6.53 | 7.66 | 223.8 | 0.40 |
| 1055 | 1500 | 21.34 | 0.496 | 0.322 | 6.44 | 7.72 | 219.8 | 0.39 |
| 1101 | 2250 | 21.61 | 0.497 | 0.323 | 6.35 | 7.74 | 217.8 | 0.45 |
| 1107 | 3000 | 21.90 | 0.497 | 0.323 | 6.40 | 7.76 | 216.1 | 0.34 |
| 1113 | 3750 | 22.10 | 0.498 | 0.323 | 5.71 | 7.77 | 215.0 | 0.37 |
| 1119 | 4500 | 22.22 | 0.498 | 0.324 | 5.95 | 7.79 | 214.0 | 0.30 |
| 1121 | 5250 | | | | | | | |
| Sample | | | | | | | | |

NOTES: SET-UP, PUMP SET @ 242.81, DRAWDOWN SET @ 255.30, CONTROLLER SET @ 1055 CPM 2#
REFILL 15, DISCHARGE 15, PSI 115, START PURGE 1021, 1st WATER 1030
FINISH 1245, TOTAL 2:24, INITIAL DRAWDOWN 234.30, FINAL 234.55

DATE: 1-19-11 PERSONNEL: J. Padilla
WELL ID: MPL-13 G. Garcia

AIR TEMP 70 °F REL. HUM 18 %
WEATHER COND: clear 5-10 mph

PUMP #: 000133 WATER QUALITY METER YSI #: Rental 2111
DRUM: 58 gal comp WATER LEVEL IND #: 000190
GEN HRS: 0 TURBIDITY METER: 000149

WELL TD: 235.00 DTGW (bgs): 215.58
DTW (TOC): 218.40 WATER COL: 19.42
LOC: 2.82 COL. VOL: 12.68
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 21.93 °C DO: 5.99 g/L TURB: 4.27 NTU
COND: 0.404 mS/cm PH: 8.01 $CO_2$: 8 mg/L (medium range)
TDS: 0.263 mg/L ORP: 217.5 mV FERROUS METALS: 0.09 mg/L

SAMPLE DATE: 1-19-11
TIME: 1344
ID #: MNPL-MPL-MPL-013-0111

DATE: 1-19-11 WELL ID MPL-13 PERSONNEL: J. Padilla, Garcia

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1312 | INIT | 21.19 | 0.410 | 0.266 | 7.17 | 7.98 | 193.5 | 8.33 |
| 1317 | 750 | 21.76 | 0.405 | 0.263 | 6.66 | 7.99 | 197.9 | 7.70 |
| 1322 | 1500 | 21.99 | 0.404 | 0.263 | 6.31 | 7.99 | 203.9 | 6.26 |
| 1327 | 2250 | 22.05 | 0.404 | 0.263 | 6.26 | 8.00 | 208.2 | 5.38 |
| 1332 | 3000 | 22.03 | 0.404 | 0.263 | 6.23 | 8.00 | 211.9 | 4.98 |
| 1337 | 3750 | 21.98 | 0.404 | 0.263 | 6.01 | 8.00 | 215.0 | 4.50 |
| 1342 | 4500 | 21.93 | 0.404 | 0.263 | 5.99 | 8.01 | 217.5 | 4.27 |
| 1344 | 5250 Sample | | | | | | | |

NOTES: SET-UP, PUMP SET @ 224.20, DRAWDOWN SET @ 218.71, CONTROLLER SET CPM-2 TD 56
REFILL 14, DISCHARGE 16, PSI 110, START PURGE 1304/1st WATER 1309
FINISH 1415, TOTAL 1:11, INITIAL DRAWDOWN 217.71, FINAL 218.10

DATE: 1-20-11 PERSONNEL: G. GARCIA

WELLID: T-40 J. PADILLA

AIR TEMP: 66 °F REL HUM 22 %

WEATHER COND: CLEAR 0-2 MPH

PUMP #: 11290 COMP (RENTAL)

DRUM: 559AL WATER QUALITY METER YSI: 2111

GEN HRS: Ø WATER LEVEL IND: 000020

TURBIDITY METER: 000149

WELL TD: 140.00 DTGW(bgs): 126.08

DTW(TOC) 128.52 WATER COL: 13.92

LOC: 2.44 COL. VOL: 9.08

WELLSIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

- TEMP: 18.11 °C DO: 5.28 g/L TURB: 277 NTU (MEDIUM RANGE)
- COND: 0.404 mS/cm PH: 7.55 $CO_2$: 14.0 mg/L
- TDS: 0.263 mg/L ORP: 274.3 MV FERROUS METALS: 0.07 mg/L

SAMPLE DATE: 1-20-11

" TIME: 1110

" ID #: MNPL-MPL-MPL-T-040-0111

DATE: 1-20-11 WELLID: T-40 PERSONNEL: G. GARCIA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1036 | INIT | 16.34 | 0.390 | 0.254 | 7.46 | 7.00 | 327.8 | 6.54 |
| 1042 | 750 | 18.01 | 0.404 | 0.263 | 5.84 | 7.36 | 282.0 | 5.42 |
| 1048 | 1500 | 18.06 | 0.405 | 0.263 | 5.38 | 7.48 | 284.2 | 3.79 |
| 0654 | 2250 | 17.10 | 0.404 | 0.263 | 5.56 | 7.51 | 281.7 | 3.47 |
| 1106 | 3000 | 18.06 | 0.404 | 0.263 | 5.61 | 7.53 | 278.2 | 2.86 |
| 1106 | 3750 | 18.11 | 0.404 | 0.263 | 5.28 | 7.55 | 274.3 | 2.77 |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |
| 1110 | SAMPLE | | | | | | | |

NOTES: SET-UP PUMP SET @ 130-54, DRAWDOWN SET @ 129.55, CONTROLLER SET @ 1.5 GPM 2 PSI #856

REDILL 1/4, DISCHARGE 1/6, PSI 70, START PURGE 1031, 1ST WATER 1034

FINISH 1107, TOTAL PURGED 1.06, INITIAL DRAWDOWN 128.55', FINAL 129.35'

DATE: 1-20-11 PERSONNEL: G. GARCIA
WELL ID: MPL-10 J. PADILLA

AIR TEMP: 72 °F REL. HUM 26 %
WEATHER COND: CLEAR 0.2 MPH

PUMP #: 11281 WATER QUALITY METER (LSI #: 2111 RENTAL
DRUM: COMP 55 GAL WATER LEVEL IND #: 000090
GEN HRS: Ø TURBIDITY METER #: 000149

WELL TD: 274.56 DTGW (bgs): 239.44
DTW (TOC) 241.40 WATER COL: 35.12
LOC: 1.96 COL. VOL: 22.93
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 2.46 °C DO: 3.59 g/L TURB: 0.19 NTU
COND: 0.541 mS/cm PH: 7.86 $CO_2$: 10.0 mg/L MEDIUM RANGE
TDS: 0.352 mg/L ORP: 243.2 mV FERROUS METALS: 0.07 mg/L

SAMPLE DATE: 1-20-10 4
" TIME: 1240
" ID#: MNPL-MPL-MPL-010-0111

DATE: 1-20-11 WELL ID: MPL-10 PERSONNEL: G. GARCIA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1211 | INIT | 18.48 | 0.~~348~~ 535 | 0.348 | 6.59 | 7.75 | 237.7 | 0.76 |
| 1216 | 750 | 19.38 | 0.539 | 0.350 | 6.23 | 7.81 | 236.9 | 0.18 |
| 1221 | 1500 | 20.49 | 0.540 | 0.351 | 5.81 | 7.82 | 239.2 | 0.20 |
| 1226 | 2250 | 21.08 | 0.541 | 0.352 | 4.88 | 7.83 | 241.0 | 0.15 |
| 1231 | 3000 | 21.19 | 0.541 | 0.352 | 4.03 | 7.85 | 242.6 | 0.21 |
| 1236 | 3750 | 21.46 | 0.541 | 0.352 | 3.59 | 7.86 | 243.2 | 0.19 |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |
| 1240 | | | | | | | | |

NOTES: SET-UP, PUMP SET @ 257.40, DRAWDOWN SET @ 242.00, CONTROLLER SET MN
REFILL 15, DISCHARGE 15, PSI 115, START PURGE 1158, 1st WATER 1208
FINISH 1305, TOTAL 1107, INITIAL DRAWDOWN 241.00, FINAL 241.50.

DATE: 1-20-11 PERSONNEL: J. Padilla
WELL ID: MPL-24 G. Garcia

AIR TEMP: 64 °F REL. HUM 23 %
WEATHER COND: clear 0-5 mph

PUMP #: 00090 WATER QUALITY METER YSI #: Rental 2111
DRUM: 55 gal comp WATER LEVEL IND #: 000090
GEN HRS: 0:30 TURBIDITY METER #: 000149

WELL TD: 315.00 DTW (OGS) 236.76
DTW (TOC) 238.92 WATER COL: 78.24
LOC: 2.16 COL VOL: 79.80
WELL SIZE: 5"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 18.78 °C DO: 6.26 g/L TURB: 0.09 NTU
COND: 0.464 mS/cm PH: 7.83 CO2: 22 medium range mg/L
TDS: 0.302 mg/L ORP: 226.7 mV FERROUS METALS: 0.08 mg/L

SAMPLE DATE: 1-20-11
" TIME: 1428
" ID #: MNPL-MPL-MPL-024-0111

DATE: 1-20-11 WELL ID: MPL-24 PERSONNEL: J. Padilla, G. Garcia

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1350 | INIT | 14.32 | 0.391 | 0.254 | 8.93 | 8.18 | 212.6 | 0.79 |
| 1356 | 750 | 14.83 | 0.426 | 0.277 | 7.35 | 8.03 | 226.6 | 0.40 |
| 1402 | 1500 | 15.67 | 0.456 | 0.296 | 7.06 | 8.00 | 229.0 | 0.28 |
| 1408 | 2250 | 17.06 | 0.460 | 0.299 | 6.76 | 7.99 | 228.1 | 0.16 |
| 1414 | 3000 | 17.73 | 0.463 | 0.301 | 6.55 | 7.95 | 230.2 | 0.14 |
| 1420 | 3750 | 18.38 | 0.464 | 0.301 | 6.43 | 7.92 | 225.5 | 0.09 |
| 1426 | 4500 | 18.78 | 0.464 | 0.302 | 6.26 | 7.83 | 226.7 | |
| | 5250 | | | | | | | |
| 1428 | Sample | | | | | | | |

NOTES: SET-UP, PUMP SET @ 302.16, DRAWDOWN SET @ 239.51, CONTROLLER SET @ MN
REFILL 50, DISCHARGE 50, PSI 125, START PURGE 1330, 1ST WATER 1350
FINISH 1445, TOTAL 1:15, INITIAL DRAWDOWN 238.51, FINAL 238.64

DATE: 1-21-11 PERSONNEL: G. GARCIA

WELL ID: MPL-17 J. PADILLA

AIR TEMP: 54 °F REL. HUM 28 %

WEATHER COND: cloudy 0-5 mph

PUMP #: 11290 COMP WATER QUALITY METER YSI #: 2141 RENTAL

DRUM: 55 GAL WATER LEVEL IND #: 000091

GEN HRS: 0 TURBIDITY METER #: 0001441

WELL TD: 225.00 DTGW (bgs): 175.84

DTW (TOC): ~~538~~ 176.98 WATER COL: 49.16

LOC: 1.14 COL. VOL: 32.60

WELLSIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 20.13 °C DO: 4.25 % TURB: 0.31 NTU

COND: 0.468 mS/cm PH: 7.82 $CO_2$: 8.0 mg/L MEDIUM RANGE

TDS: 0.304 mg/L ORP: 217.1 mV FERROUS METALS: 0.07 mg/L

SAMPLE DATE: 1-21-11

" TIME: 1035

" ID #: MNPL-MPL-MPL-017-0111

DATE: 1-21-11 WELL ID: MPL-17 PERSONNEL: G. GARCIA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1008 | INIT | 14.89 | 0.462 | 0.300 | 6.91 | 7.34 | 271.8 | 0.75 |
| 1013 | 1500 | 18.40 | 0.465 | 1.302 | 5.27 | 7.85 | 217.1 | 0.53 |
| 1018 | 2250 | 18.80 | 0.471 | 0.306 | 4.70 | 7.82 | 216.3 | 0.31 |
| 1023 | 3000 | 18.51 | 0.466 | 0.303 | 4.84 | 7.81 | 218.4 | 0.26 |
| 1028 | 3750 | 19.78 | 0.468 | 0.3044 | 4.55 | 7.81 | 217.6 | 0.30 |
| 1033 | 4500 | 20.13 | .468 | .304 | 4.25 | 7.82 | 212.1 | 0.31 |
| | 5250 | | | | | | | |
| 1035 | Sample | | | | | | | |

177.20 177.98

NOTES: SET-UP, PUMP SET @ 206.95', DRAWDOWN SET @ 177.98', CONTROLLER SET @ 0.5 GPM

RE-FILL 14', DISCHARGE 14, 1.32 GPM, START PURGE 1001, STOP WATER 1005

FINISH DSS, TOTAL DSY, INITIAL DRAWDOWN 176.70 FINAL 176.75

DATE: 1-21-11 PERSONNEL: G. GARCIA
WELL ID: MPL-07 J. PADILLA

AIR TEMP: 56 °F REL. HUM 28 %
WEATHER COND: CLEAR 0.5 mph

PUMP # 11289 WATER QUALITY METER USI#: 2111 RENTAL
DRUM: COMP 55 gal WATER LEVEL IND#: 000090
GEN HRS: Ø TURBIDITY METER #: 000141

WELL TD: 214.55 DTGW (GSS): 177.09
DTW (TOC) 179.51 WATER COL: 37.46
LOC: 2.42 COL. VOL: 24.46
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 19.87 °C DO: 4.80 g/L TURB: 0.12 NTU
COND: 0.929 mS/cm PH: 7.43 CO2: MEDIUM RANGE 16.0 mg/L
TDS: 0.604 mg/L ORP: 262.9 mV FERROUS METALS: 0.08 mg/L

SAMPLE DATE: 1-21-11
" TIME: 1147
" ID#: MNPL-MPL-MPL-007-0111

DATE: 1-21-11 WELL ID: MPL-07 PERSONNEL: G. GARCIA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1119 | INIT | 16.69 | 0.898 | 0.583 | 6.49 | 7.52 | 241.1 | 0.74 |
| 1124 | 750 | 18.91 | 0.910 | 0.592 | 5.53 | 7.49 | 246.9 | 0.46 |
| 1129 | 1500 | 19.64 | 0.927 | 0.603 | 4.89 | 7.46 | 252.8 | 0.35 |
| 1134 | 2250 | 18.84 | 0.929 | 0.604 | 4.93 | 7.44 | 258.2 | 0.10 |
| 1139 | 3000 | 19.26 | 0.924 | 0.600 | 4.97 | 7.42 | 260.8 | 0.09 |
| 1144 | 3750 | 19.87 | 0.929 | 0.604 | 4.80 | 7.43 | 262.9 | 0.12 |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |
| 1147 | SAMPLE | | | | | | | |

NOTES: SET-UP, PUMP SET @ 197.54, DRAWDOWN SET @ 180.12, CONTROLLER SET @ 20 56 CPM 2
REFILL 14, DISCHARGE 16, PSI 15, START PURGE 1110, 1ST WATER 1115
FINISH 1210, TOTAL 1.00, INITIAL DRAWDOWN 179.12, FINAL 179.35

DATE: 1-21-11 PERSONNEL: G. GARCIA
WELL ID: MPL-28 J. PADILLA

AIR TEMP: 59 °F REL. HUM 27 %
WEATHER COND: CLEAR 0-5 MPH

PUMP #: 000133 WATER QUALITY METER USI #: 2111 RENTAL
DRUM: 55 GAL COMP WATER LEVEL IND #: 000090
GEN HRS: Ø TURBIDITY METER: 000141

WELL TD: 200.95 DTGW (DGS): ~~16.70 A~~ 182.30
DTW (DOC) 184.85 WATER COL: 18.65
LOC: 2.55 COL. VOL: 12.17
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 19.55 °C DO: 5.41 g/L TURB: 0.71 NTU
COND: 0.782 mS/cm PH: 7.78 CO2: MEDIUM RANGE 8.0 mg/L
TDS: 0.508 mg/L ORP: 266.5 MV FERROUS METALS: 0.07 mg/L

SAMPLE DATE: 1-21-11
TIME: 1255
ID #: MNPL-MPL-MPL-028-0111

DATE: 1-21-11 WELL ID: MPL-28 PERSONNEL: G. GARCIA J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1233 | INIT | 17.31 | 0.791 | 0.514 | 6.90 | 7.73 | 257.1 | 0.99 |
| 1238 | 750 | 19.22 | 0.780 | 0.507 | 5.71 | 7.84 | 258.1 | 1.19 |
| 1243 | 1500 | 19.51 | 0.783 | 0.509 | 5.57 | 7.80 | 258.7 | 0.97 |
| 1248 | 2250 | 19.56 | 0.782 | 0.508 | 5.37 | 7.78 | 263.1 | 0.83 |
| 1253 | 3000 | 19.55 | 0.782 | 0.508 | 5.41 | 7.78 | 266.5 | 0.71 |
| | 3750 | | | | | | | |
| | 4500 | | | | | | | |
| 1255 | 5250 | | | | | | | |

NOTES: SET-UP, PUMP SET @ 188.65, DRAWDOWN SET @ 186.40, CONTROLLER SET @ 1231 CPM 2 ID 56
REFILL 14, DISCHARGE 16, PSI 95, START PURGE 1225, 1ST WATER @ 1231
FINISH 315, TOTAL 50, INITIAL DRAWDOWN 184.40, FINAL 184.79

DATE: 1-31-11 PERSONNEL: J. Padilla
WELL ID: MPL-030 Les. Puvathingal

AIR TEMP: 64 °F REL. HUM 28 %
WEATHER COND: Cloudy 0-5 mph

PUMP #: 000133 WATER QUALITY METER YSI #: 2111 Rental
DRUM: 55 gal comp WATER LEVEL IND: 000190
GEN HRS: Ø TURBIDITY METER: 000149

WELL TD: 220.82 DTGW (bgs): 197.23
DTW (TOC) 199.71 WATER COL: 23.59
LOC: 2.48 COL. VOL: 15.40
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 18.59 °C DO: 1.54 g/L TURB: 1.87 NTU
COND: 0.707 mS/cm PH: 7.72 $CO_2$: 12 medium range mg/L
TDS: 0.460 mg/L ORP: 254.50 mV FERROUS METALS: 0.16 mg/L

SAMPLE DATE: 1-31-11
" TIME: 0958
" ID #: MNPL-MPL-MPL-030-0111

DATE: 1-31-11 WELL ID: MPL-30 PERSONNEL: J. Padilla, Les Puvathingal

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 0920 | INIT | 16.22 | 0.705 | 0.458 | 7.94 | 7.15 | 278.0 | 7.42 |
| 0926 | 750 | 17.34 | 0.712 | 0.463 | 6.81 | 7.51 | 252.6 | 2.49 |
| 0932 | 1500 | 18.14 | 0.709 | 0.461 | 4.33 | 7.59 | 252.0 | 1.54 |
| 0938 | 2250 | 18.73 | 0.709 | 0.461 | 2.56 | 7.65 | 252.6 | 1.48 |
| 0944 | 3000 | 18.75 | 0.707 | 0.460 | 2.05 | 7.68 | 252.3 | 1.80 |
| 0950 | 3750 | 18.82 | 0.707 | 0.460 | 1.64 | 7.72 | 253.2 | 1.59 |
| 0956 | 4500 | 18.59 | 0.707 | 0.460 | 1.54 | 7.72 | 254.5 | 1.87 |
| | 5250 | | | | | | | |
| 0958 | Sample | | | | | | | |

NOTES: SET-UP, PUMP SET @ 206.12, DRAWDOWN SET @ 200.05, CONTROLLER SET @ ID 54 CPM-2
REFILL 16, DISCHARGE 14, PSI 90, START PURGE 0909, 1ST WATER 0916
FINISH 1030, TOTAL 1:21, INITIAL DRAWDOWN 199.05, FINAL ~~200.00~~ 200.00

DATE: 2-1-11 PERSONNEL: G. GARITA
WELL ID: MPL-02 J. PADILLA

AIR TEMP: 32 °F REL HUM 42 %
WEATHER COND: OVERCAST/LIGHT SNOW 0-5

PUMP #: 11289 WATER QUALITY METER YSI #: Rental 2111
DRUM: 55 gal comp WATER LEVEL IND: 000190
GEN HRS: Ø TURBIDITY METER: 000149

WELL TD: 219.59 DTGW (bgs) 196.82
DTW (TOC): 199.01 WATER COL: 22.77
LOC: 2.19 COL. VOL: 14.84
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 17.54 °C DO: 6.02 g/L TURB: 1.20 NTU
COND: 0.574 mS/cm PH: 7.86 $CO_2$: 10 medium range mg/L
TDS: 0.373 mg/L ORP: 262.8 mV FERROUS METALS: 0.00 mg/L

SAMPLE DATE: 2-1-11
TIME: 1002
ID #: MNPL-MPL-MPL-002-0211
MNPL-MPL-MPL-002-0211 (Total Metals)
MNPL-MPL-MPL-002-0211 (Radiological)

DATE: 2-1-11 WELL ID: MPL-02 PERSONNEL: G. GARITA, J. PADILLA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 0929 | INIT | 10.74 | 0.557 | 0.362 | 8.08 | 7.22 | 274.2 | 8.46 |
| 0934 | 750 | 14.21 | 0.573 | 0.372 | 6.57 | 8.00 | 227.9 | 4.92 |
| 0939 | 1500 | 16.37 | 0.576 | 0.374 | 6.19 | 7.85 | 238.8 | 2.30 |
| 0944 | 2250 | 17.24 | 0.577 | 0.375 | 6.00 | 7.84 | 246.4 | 1.50 |
| 0949 | 3000 | 17.18 | 0.577 | 0.375 | 5.94 | 7.85 | 252.9 | 1.58 |
| 0955 | 3750 | 17.48 | 0.575 | 0.374 | 6.01 | 7.86 | 257.8 | 2.00 |
| 1000 | 4500 | 17.54 | 0.574 | 0.373 | 6.02 | 7.86 | 262.8 | 1.20 |
| | 5250 | | | | | | | |
| 1002 | Sample | | | | | | | |

NOTES: SET-UP: PUMP SET @ 208.70, DRAWDOWN SET @ 199.70, CONTROLLER SET CPM2 TD56
REFILL 14, DISCHARGE 16, PSI 100, START PURGE 0922, 1ST WATER 0927
FINISH 1153, TOTAL ____, INITIAL DRAWDOWN 198.70, TOTAL 198.71

DATE: 2-7-11 PERSONNEL: G GARCIA
WELL ID: MPL-04

AIR TEMP: 47 °F REL. HUM 35 %
WEATHER COND: CLEAR 0-5

PUMP #: 000133 WATER QUALITY METER-YSI #: 2111 RENTAL
DRUM: 55GAL COMP WATER LEVEL IND #: 000190
GEN HRS: Ø TURBIDITY METER #: 000149

WELL TD: 224.65 DTGW (bgs): 186.48
DTW (TOC): 188.75 WATER COL: -38.17
LOC: 227 COL. VOL: 24.92
WELL SIZE: 4"

SAMPLE PARAMETERS @ TIME OF COLLECTION

TEMP: 17.36 & DO: 2.63 g/L TURB: 14.9 NTU MEDIUM RAN
COND: 0.833 mS/cm PH: 7.55 $CO_2$: 24.0 mg/L
TDS: 0.541 mg/L ORP: -99.0 mV FERROUS METALS: 0.13 mg/L

SAMPLE DATE: 2-7-11
" TIME: 1050
" ID #: MNPL-MPL-MPL-004-0211
MNPL-MPL-MPL-004-0211-MS
MNPL-MPL-MPL-004-0211-MSD
MNPL-MPL-MPL-004-0211 (RADIUM)

DATE: 2-7-11 WELL ID: MPL-04 PERSONNEL: G GARCIA

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1017 | INIT | 8.24 | 0.819 | 0.532 | 8.77 | 7.31 | 85.8 | 9.65 |
| 1022 | 750 | 13.34 | 0.833 | 0.542 | 7.50 | 7.32 | -41.7 | 9.64 |
| 1027 | 1500 | 15.92 | 0.828 | 0.538 | 4.42 | 7.46 | -75.4 | 15.0 |
| 032 | 2250 | 16.75 | 0.833 | 0.541 | 3.22 | 7.51 | -91.0 | 16.7 |
| 1037 | 3000 | 17.20 | 0.832 | 0.541 | 2.96 | 7.54 | -93.2 | 16.3 |
| 1042 | 3750 | 17.14 | 0.836 | 0.543 | 2.92 | 7.56 | -95.6 | 14.6 |
| 1047 | 4500 | 17.36 | 0.833 | 0.541 | 2.63 | 7.55 | -99.0 | 14.9 |
| | 5250 | | | | | | | |
| 1050 SAMPLE | | | | | | | | |

NOTES: SET-UP: PUMP SET @ 212.62, DRAWDOWN SET @ 189.75, CONTROLLER SET @ 2056
REFILL 14, DISCHARGE 16, PSI 100, START PURGE 0940, 1ST WATER 0950
FINISH 1325, TOTAL 3.45, INITIAL DRAWDOWN 188.75, FINAL 189.50
1800 → HAD PROBLEMS WITH PUMP. HAD TO REPLACE IT. A RESTART PURGING @ 1011

DATE: 2-8-11 PERSONNEL: J. Padilla

WELL ID: MPL-26

AIR TEMP: 64 °F REL. HUM 36 %

WEATHER COND: clear 5-10 mph

PUMP #: 11290 WATER QUALITY METER YSI #: 2111 Rental

DRUM: 55 gal temp WATER LEVEL IND #: 000190

GEN HRS: Ø TURBIDITY METER: 000149

WELL TD: 255.00 DTGW (DGS): 214.13

DTW (TOC): 216.55 WATER COL: 40.87

LOC: 2.42 COL. VOL: 26.68

WELL SIZE: 4"

SAMPLE PARAMETERS @ TIME OF COLLECTION

TEMP: 19.55 °C DO: 6.63 g/L TURB: 11.0 NTU

COND: 1.598 mS/cm PH: 7.30 $CO_2$: 18 field/lam range mg/L

TDS: 1.039 g/L ORP: -104.5 mV FERROUS METALS: 0.09 mg/L

SAMPLE DATE: 2-8-11

TIME: 1037

ID #: MNPL-MPL-MPL-026-0211

DATE: 2-8-11 WELL ID: MPL-26 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 0953 | INIT | 15.22 | 1.553 | 1.005 | 7.84 | 7.17 | 65.6 | 19.2 |
| 0959 | 750 | 17.15 | 1.579 | 1.026 | 7.43 | 7.24 | -97.8 | 17.9 |
| 1005 | 1500 | 17.88 | 1.590 | 1.034 | 7.22 | 7.25 | -100.9 | 16.9 |
| 1011 | 2250 | 18.32 | 1.592 | 1.035 | 7.19 | 7.29 | -102.8 | 16.5 |
| 1017 | 3000 | 18.76 | 1.594 | 1.036 | 7.02 | 7.29 | -102.6 | 14.7 |
| 1023 | 3750 | 19.01 | 1.596 | 1.037 | 6.74 | 7.30 | -103.9 | 12.0 |
| 1029 | 4500 | 19.23 | 1.596 | 1.038 | 6.73 | 7.30 | -104.2 | 11.3 |
| 1035 | 5250 | 19.55 | 1.598 | 1.039 | 6.63 | 7.30 | -104.5 | 11.0 |
| 1037 | Sample | | | | | | | |

NOTES: SET-UP, PUMP SET @ 236.12, DRAWDOWN SET @ 216.98, CONTROLLER SET @ 1045 (PM-2)

REFILL 15', DISCHARGE 15', PSI 120, START PURGE 0944, 1ST WATER 0949

FINISH 1110, TOTAL 1:21, INITIAL DRAWDOWN 215.98, FINAL 215.98

DATE: 2-8-11 PERSONNEL: J. Padilla
WELL ID: MPL-01

AIR TEMP: 74 °F REL HUM 27 %
WEATHER COND: clear 5-10 mph

PUMP #: 11289 WATER QUALITY METER YSI #: Rental 2111
DRUM: 55 gal comp WATER LEVEL IND #: 000190
GEN HRS: Ø TURBIDITY METER #: 000149

WELL ID: 219.45 DTGW (bgs): 203.44
DTW (TOC): 205.41 WATER COL: 16.01
LOC: 1.97 COL. VOL: 10.45
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 21.87 °C DO: 6.04 g/L TURB: 5.80 NTU
COND: 0.431 mS/cm PH: 8.00 $CO_2$: ~~0.12~~ 6 Gradumprize mg/L
TDS: 0.280 mg/L ORP: -125.3 mV FERROUS METALS: 0.12 mg/L

SAMPLE DATE: 2-8-11
" TIME: 1222
" ID #: MNPL-MPL-MPL-001-0211
MNPL-MPL-MPL-001-0211 (Total Metals)
MNPL-MPL-MPL-001-0211 (Radiological)

DATE: 2-8-11 WELL ID: MPL-01 PERSONNEL: J. Padilla

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1150 | INIT | 20.37 | 0.493 | 0.321 | 6.92 | 7.91 | -96.5 | 10.00 |
| 1155 | 750 | 21.37 | 0.444 | 0.289 | 6.51 | 8.00 | -116.7 | 7.52 |
| 1200 | 1500 | 21.76 | 0.435 | 0.283 | 6.32 | 7.99 | -118.6 | 7.57 |
| 1205 | 2250 | 21.96 | 0.431 | 0.280 | 6.21 | 7.99 | -120.5 | 6.97 |
| 1210 | 3000 | 22.05 | 0.431 | 0.280 | 6.12 | 8.00 | -121.5 | 6.81 |
| 1215 | 3750 | 22.14 | 0.430 | 0.280 | 5.55 | 8.00 | -122.9 | 6.01 |
| 1220 | 4500 | 21.87 | 0.431 | 0.280 | 6.04 | 8.00 | -125.3 | 5.80 |
| | 5250 | | | | | | | |
| 1222 | Sample | | | | | | | |

NOTES: SET-UP, PUMP SET @ 210.47, DRAWDOWN SET @ 205.95, CONTROLLER SET @ CMP-2 ID# 56
REFILL 14, DISCHARGE 16, PSI 100, START PURGE 1142, 1ST WATER 1147
FINISH 1400, TOTAL 2:13, INITIAL DRAWDOWN 204.95, FINAL 206.95

DATE 2-9-11 PERSONNEL: G. GARCIA
WELL ID MPL-03 J. PADILLA

AIR TEMP: 51 °F REL. HUM 24 %
WEATHER COND: cloudy 0-5 mph

PUMP #: 11290 WATER QUALITY METER YSI #: Rental #2111
DRUM: COMP 55 GAL WATER LEVEL IND: 000190
GEN HRS: Ø TURBIDITY METER: 000149

WELL TD: 227.92 DTGW (DGS): 190.71
DTW (TOC): 192.68 WATER COL: 34.21
LOC: 1.97 COL. VOL: 22.33
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 18.31 °C DO: 5.51 g/L TURB: 3.72 NTU
COND: 0.712 mS/cm PH: 7.57 $CO_2$: 10 medium range mg/L
TDS: 0.463 mg/L ORP: -112.7 MV FERROUS METALS 0.10 mg/L

SAMPLE DATE: 2-9-11
" TIME: 1045
" ID: MNPL-MPL-MPL-003-0211
MNPL-MPL-MPL-103-0211
MNPL-MPL-MPL-003-0211 (Total Metals)
MNPL-MPL-MPL-003-0211 (Radiological)

DATE: 2-9-11 WELL ID: MPL-03 PERSONNEL: G. Garcia
J. Padilla

| TIME | VOL INIT | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1008 | | 11.07 | 0.684 | 0.444 | 6.71 | 7.48 | 154.1 | 10.30 |
| 1013 | 750 | 14.62 | 0.703 | 0.457 | 6.49 | 7.58 | -56.5 | 8.65 |
| 1018 | 1500 | 16.42 | 0.707 | 0.460 | 5.94 | 7.51 | -94.6 | 6.76 |
| 1023 | 2250 | 17.29 | 0.710 | 0.461 | 5.87 | 7.61 | -102.8 | 6.43 |
| 1028 | 3000 | 17.66 | 0.712 | 0.463 | 5.64 | 7.77 | -105.7 | 5.98 |
| 1033 | 3750 | 17.66 | 0.711 | 0.462 | 5.52 | 7.58 | -109.4 | 4.82 |
| 1038 | 4500 | 17.98 | 0.710 | 0.461 | 5.53 | 7.61 | -109.9 | 3.69 |
| 1043 | 5250 | 18.31 | 0.712 | 0.463 | 5.51 | 7.57 | -112.7 | 3.72 |
| 1045 Sample | | | | | | | | |

NOTES: SET-UP, PUMP SET @ 215.55, DRAWDOWN SET @ 193.65, CONTROLLER SET @ CPM 2 ID 56
REFILL 14, DISCHARGE 16, PSI 90, START PURGE 0956, 1ST WATER 1003
FINISH 1240, TOTAL ___, INITIAL DRAWDOWN 192.65, FINAL 192.62

DATE: 2-10-11 PERSONNEL: J. Padilla
WELL ID: MPL-25 G. Garcia

AIR TEMP: 44 °F REL. HUM 26 %
WEATHER COND: Clear 0-5 mph

PUMP #: 000090 WATER QUALITY METER YSI #: Rental #2111
DRUM: 55 gal comp WATER LEVEL IND: 000190
GEN HRS: 0:30 TURBIDITY METER: 000149

WELL TD: 275.00 DTSW (bgs): 254.60
DTW (TOC): 256.45 WATER COL: 20.40
LOC: 1.85 COL. VOL: 13.32
WELL SIZE: 4"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 13.04 °C DO: 6.43 g/L TURB: 0.14 NTU
COND: 0.498 mS/cm PH: 7.56 $CO_2$ 10 medium range mg/L
TDS: 0.324 mg/L ORP: -68.4 mV FERROUS METALS: 0.09 mg/L

SAMPLE DATE: 2-10-11
" TIME: 1149
" ID#: MNPL-MPL-MPL-025-0211

DATE: 2-10-11 WELL ID: MPL-25 PERSONNEL: J. Padilla, G. Garcia

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 11:11 | INIT | 8.57 | 0.408 | 0.265 | 11.01 | 7.75 | 126.2 | 2.01 |
| 1117 | 750 | 9.47 | 0.444 | 0.289 | 8.48 | 7.59 | -21.6 | 1.00 |
| 1123 | 1500 | 10.11 | 0.472 | 0.307 | 7.51 | 7.69 | -41.8 | 0.44 |
| 1129 | 2250 | 11.13 | 0.488 | 0.317 | 6.91 | 7.51 | -58.0 | 0.11 |
| 1135 | 3000 | 12.06 | 0.494 | 0.321 | 6.75 | 7.50 | -63.0 | 0.11 |
| 1141 | 3750 | 12.53 | 0.497 | 0.323 | 6.39 | 7.50 | -66.4 | 0.03 |
| 1147 | 4500 | 13.04 | 0.498 | 0.324 | 6.43 | 7.56 | -68.4 | 0.14 |
| | 5250 | | | | | | | |
| 1149 | Sample | | | | | | | |

NOTES: SET-UP, PUMP SET @ 263.51, DRAWDOWN SET @ 256.01, CONTROLLER SET MN
REFILL 50, DISCHARGE 50, PSI 120, START PURGE 1019, 1ST WATER 1110
FINISH 1220, TOTAL 1:59, INITIAL DRAWDOWN 255.01, FINAL 256.00

DATE: 2-10-11 PERSONNEL: J. Padilla
WELL ID: MPL-23 G. Garcia

AIR TEMP: 53 °F REL. HUM 29 %
WEATHER COND: clear 0-5 mph

PUMP #: 000090 WATER QUALITY METER #: Rental #2111
DRUM: 55 gal comp WATER LEVEL IND: 000190
GEN HRS: 0:30 TURBIDITY METER #: 000149

WELL TD: 545.00 DTGW (bgs): 240.23
DTW (TOC): 243.34 WATER COL: 304.77
LOC: 3.11 COL. VOL: 310.86
WELL SIZE: 5"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 17.35 °C DO: 4.18 g/L TURB: 0.56 NTU
COND: 0.332 mS/cm PH: 7.86 $CO_2$ 20 medium range mg/L
TDS: 0.216 mg/L ORP: -103.2 mV FERROUS METALS: 0.12 mg/L

SAMPLE DATE: 2-10-11
" TIME: 1429
" ID#: MNPL-MPL-MPL-023-0211
MNPL-MPL-MPL-123-0211

DATE: 2-10-11 WELL ID: MPL-23 PERSONNEL: J. Padilla, G. Garcia

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1402 | INIT | 16.46 | 0.362 | 0.235 | 6.93 | 8.03 | -3.6 | 0.28 |
| 1407 | 750 | 14.50 | 0.340 | 0.221 | 5.53 | 7.95 | -43.2 | 0.20 |
| 1412 | 1500 | 16.78 | 0.334 | 0.217 | 4.67 | 7.91 | -71.4 | 0.22 |
| 1417 | 2250 | 17.31 | 0.334 | 0.217 | 4.31 | 7.87 | -95.8 | 0.46 |
| 1422 | 3000 | 17.36 | 0.333 | 0.216 | 4.22 | 7.85 | -101.7 | 0.47 |
| 1427 | 3750 | 17.35 | 0.332 | 0.216 | 4.18 | 7.86 | -103.2 | 0.56 |
| 1429 | 4500 | Sample | | | | | | |
| | 5250 | | | | | | | |

NOTES: SET-UP, PUMP SET @ 526.79, DRAWDOWN SET @ ~~244.25~~ 244.25 CONTROLLER SET MN
REFILL 50, DISCHARGE 50, PSI 140, START PURGE 1322, 1ST WATER 1400
FINISH 1510, TOTAL 148, INITIAL DRAWDOWN 243.25, FINAL 243.30

DATE: 2-14-11 PERSONNEL: J. Padilla
WELL ID: MPL-22 G. Garcia
J. Vigerust

AIR TEMP 71 °F REL. HUM 25 %
WEATHER COND: Clear 0-5 mph

PUMP #: 000090 WATER QUALITY METER VSI #: Rental #2111
DRUM: 55 gal comp WATER LEVEL IND #: 000190
GEN HRS: 0:30 TURBIDITY METER #: 000149

WELL TD: 310.00 DTGW (bgs): 186.80
DTW (TOC) 189.33 WATER COL: 123.20
LOC: 2.53 COL. VOL: 125.66
WELL SIZE: 5"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)

TEMP: 19.93 °C DO: 1.25 g/L TURB: 0.70 NTU
COND: 0.241 mS/cm PH: 8.52 $CO_2$: 10.0 mg/L
TDS: 0.157 mg/L ORP: -107.4 mV FERROUS METALS: 0.14 mg/L

SAMPLE DATE: 2-14-11
" TIME: 1205
" ID #: MNPL-MPL-MPL-022-0211

DATE: 2-14-11 WELL ID: MPL-22 PERSONNEL: J. Padilla, G. Garcia, J. Vigerust

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 1131 | INIT | 15.89 | 0.350 | 0.228 | 6.27 | 7.88 | 142.2 | 0.41 |
| 1137 | 750 | 16.63 | 0.283 | 0.184 | 4.01 | 8.13 | -47.7 | 0.41 |
| 1143 | 1500 | 17.97 | 0.252 | 0.164 | 2.96 | 8.35 | -72.7 | 0.54 |
| 1150 | 2250 | 18.85 | 0.244 | 0.158 | 2.39 | 8.43 | -83.9 | 0.61 |
| 1156 | 3000 | 19.31 | 0.242 | 0.157 | 2.17 | 8.49 | -91.8 | 0.67 |
| 1202 | 3750 | 19.93 | 0.241 | 0.157 | 1.25 | 8.52 | -107.4 | 0.70 |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |

1205 SAMPLE

NOTES: SET-UP, PUMP SET @ 297.83, DRAWDOWN SET @ 190.05, CONTROLLER SET @ MW
REFILL 50, DISCHARGE 50, PSI 130, START PURGE 1113, 1ST WATER 1130
FINISH ~~1345~~ 1320, TOTAL 2:07, INITIAL DRAWDOWN 189.15, FINAL 189.30

DATE: 2-15-11 PERSONNEL: J. Padilla
WELL ID: MPL-21 G. Garcia

AIR TEMP 60 °F REL HUM 21 %
WEATHER COND: 0-5 mph

PUMP #: 000090 WATER QUALITY METER YSI #: Rental #2111
DRUM: 55 gal comp. WATER QUALITY I/O #: 000190
GEN HRS: 0:30 TURBIDITY METER #: 000149

WELL TD: 445.00 DTW (bgs): 188.01
DTW (TOC): 190.11 WATER COL: 256.99
LOC: 2.10 COL VOL: 262.12
WELL SIZE: 5"

SAMPLE PARAMETERS (@ TIME OF COLLECTION)
TEMP: 17.41 °C DO: 4.03 g/L TURB: 0.05 NTU
COND: 0.332 mS/cm PH: 7.98 $CO_2$ 12 medium range mg/L
TDS: 0.216 mg/L ORP: -66.7 mV FERROUS METALS: 0.15 mg/L

SAMPLE DATE: 2-15-11
" TIME: 1013
JOB #: MNPL-MPL-MPL-021-0211
MNPL-MPL-MPL-021-0211-MS
MNPL-MPL-MPL-021-0211-MSD

DATE: MPL-21 WELL ID: MPL-21 PERSONNEL: J. Padilla, G. Garcia

| TIME | VOL | TEMP | COND | TDS | DO | PH | ORP | TURB |
|---|---|---|---|---|---|---|---|---|
| 0941 | INST | 12.84 | 0.370 | 0.240 | 8.75 | 7.53 | 323.3 | 0.32 |
| 0947 | 750 | 14.04 | 0.350 | 0.228 | 5.73 | 7.73 | -21.1 | 0.23 |
| 0953 | 1500 | 15.38 | 0.340 | 0.221 | 5.19 | 7.87 | -57.0 | 0.20 |
| 0959 | 2250 | 16.67 | 0.336 | 0.218 | 4.36 | 7.93 | -60.2 | 0.05 |
| 1005 | 3000 | 16.91 | 0.333 | 0.217 | 4.12 | 8.01 | -62.8 | 0.04 |
| 1011 | 3750 | 17.41 | 0.332 | 0.216 | 4.03 | 7.98 | -66.7 | 0.05 |
| | 4500 | | | | | | | |
| | 5250 | | | | | | | |
| 1013 | Sample | | | | | | | |

NOTES: SET UP, PUMP SET @ 432.10, DRAWDOWN SET @ 191.05, CONTROLLER SET @ MN
REFILL 50, DISCHARGE 50, IST 130, START PURGE 0920 / SC WATER 0940
FINISH 1112, TOTAL 1:50, INITIAL DRAWDOWN 190.05, FINAL 190.05

| Well ID | DTW (TOC) | TD (TOC) | TIME |
|---|---|---|---|
| MPL-11 | 244.75 | 328.75 | 0926 1-5-11 |
| SMW-2 | 256.98 | 282.99 | 0944 1-5-11 |
| SMW-3 | 258.37 | 278.25 | 1007 1-5-11 |
| MPL-14 | 205.70 | 233.35 | 1457 1-10-11 |
| T-35 | 216.27 | 271.77 | 0930 1-10-11 |
| B-02 | DRY | 62.66 | 0924 1-10-11 |
| B-04 | 212.65 | 252.80 | 1009 |
| MPL-8 | 247.40 | 278.28 | 1002 1-10 1-10-11 |
| T-29 | 208.55 | 253.13 | 0919 |
| B-3 | 215.59 | 281.67 | 0936 1-10 1-10 |
| T-11 | 280.91 | — | 0910 1-10 |
| T-37 | 220.25 | 272.75 | 0945 1-10 |
| T-34 | 199.35 | 365.69 | 1015 1-10 |
| MPL-15 | 243.26 | 243.42 | 0955 1-10 1-7-11 |
| B-5 | 195.62 | 245.41 | 0955 |
| B-51 | 151.03 | 322.45 | 1030 1-10 |
| T-41 | FLOODED | | |
| T-42 | 104.85 | 139.89 | 1045 1-10 |
| B-10 | 367.55 | 385.95 | 0900 1-10-11 |
| MPL-27 | 256.58 | 288.14 | 1230 1-6-11 |
| MPL-9 | DRY 1-6-11 | — | |
| MPL-12 | 208.51 | 268.90 | 1300 1-6-11 |