Hydrologic Tracer Sampling
3Q08 Quartely Sampling
Temperature Profiling in Oct. '08

"Rite in the Rain"®
ALL-WEATHER
JOURNAL
No. 391

9-4-08 T. Richards, R. Barringer

0600 on-site, safety meeting

0620 calibrate YSI + turbidity meter

0800 mobe to B/W-18 cluster

collect sample B/W-18D2
collect sample B/W-18D1
collect sample B/W-3S

1500 West Campbell Ditch still has no water.

1515 YSI unit 1 drift check

The remaing samples will be collected with quarterly sampling.

B/W-6I for "B
B/W-11D for "B
B/W-13S for "B
B/W-4D for "B
and West Campbell Ditch.

1630 off site

9-5-08 Pack/ship samples.

9-7-08 T. Richards on site for 3Q08

1130 sign in, load trucks

1345 mobe to MW-2S

1355 begin purge MW-2S
1410 collect sample MW-2S
1445 mobe to W5DB
1500 start purge
1540 collect sample W5DB-D and W5DB-D-FD
1630 mobe to lab, unload
1645 YSI unit #1 drift check, turbidity meter unit 1 drift check
1730 off site

TMR

9-8-08 T. Richards on site

0600 sign in
0610 calibrate YSI unit 1
0655 calibrate tubidity meter unit 1
0740 mobe to B/W-29 cluster
0810 begin purge B/W-29D3
0850 collect sample B/W-29D3

0925 begin purge B/W-29D1
0950 collect sample B/W-29D1 with MSMSD

1045 begin purge B/W-29I
1110 Collect sample B/W-29I

1140 begin purge B/W-29S
1205 Collect sample B/W-29S
245 mobe to lab to drop off samples, get gas & mobe to B/W-6
1350 start purge B/W-6I
1420 collect sample B/W-6I & B/W-6I-FD

1520 Start purge B/W-6S
1535 Collect sample B/W-6S
1615 mobe to lab, unload truck
1645 YSI & turbidity meter drift check

9-9-08 T. Richards on site

0630 on-site, sign in, safety meeting, pack truck
0640 calibrate YSI unit 1
0700 calibrate turbidity meter
0800 mobe to B/W-4 cluster
0825 begin purge B/W-4I
0850 Collect sample B/W-4I
0920 begin purge B/W-4D
0945 Collect sample B/W-4D
1025 begin purge B/W-4S
1045 Collect samples B/W-4S & B/W-4S-FD
1140 mobe to B/W-3 cluster
1155 begin purge B/W-3S
1215 Collect sample B/W-3S
1310 begin purge B/W-3D
1330 Collect sample B/W-3D
1405 begin purge B/W-3I
1420 Collect sample B/W-3I
1500 mobe to lab, unload truck, paper work
1550 YSI unit 1 drift check, & turbidity meter 1 took large generator to blue shop, emptied discharge water bottles in evap. pond, made ice bags for shipping
1800 off site

9-10-08

0600 on-site,
0620 calibrate YSI unit 1 & turbidity meter 1
0830 mobe to B/W-22S
start purge B/W-22S
Collect sample B/W-22S
John Batchelder on location to discuss safety
1050 mobe to B/W-23B
1105 start purge B/W-23B
collect sample B/W-23B
1245 mobe to B/W-13S
~~1420~~ begin purge B/W-13S
Collect sample B/W-13S
1420 mobe to B/W-20S
1425 to access B/W-20S there is a lot of dry grass + brush. I did not want to create a fire hazard so will return on later date with DC compressor and spare car battery setup.
mobe to B/W-14S, sign in w/ Marathon
1445 the control box will not allow a PSI of less than 75. I called QED and left a message for after hours tech support. Waiting for them to return my call.
1450 start purge B/W-14S

1505 QED called back. Recommended changing battries or cylenoid is going bad. & unit will need to be fixed.
1520 Collect Sample B/W-14S
1605 mobe to B/W-15S
1615 changed battries in MP-10H control box, did not fix PSI regulation issue
1620 begin purge B/W-15S
1645 collect sample B/W-15S
1710 mobe to lab, unload truck, paper work
1150 drift check
1430 off site

TWR

9-11-08

0600 on-site
0610 calibrate YSI Unit #1 + turbidity meter #1
0840 mobe to Ryan's property
0938 start purge USGS-135, well has very little water ∴ Penny recommended sampling after two readings
0943 sample USGS-135, well only produced ~ 20 mL/min during sampling + started blowing air at 1020. I was only able to collect the ^{11}B + ^{36}Cl samples for tracer event and dissolved metals, TDS, + TOC samples for quarterly.
1035 begin purge for W32DC-D
1055 collect sample W32DC-D
1140 begin purge for B/W-2I
1200 collect sample B/W-2I
1250 begin purge B/W-2D
1325 collect sample B/W-2D w/ MSMSD
1420 begin purge MW2002-1S
1435 collect sample MW2002-1S
1530 mobe to lab, unload truck, paperwork
1545 drift checks
1630 offsite

9-14-08

0800 on-site
0810 YSI + turbidity meter calibration
1130 mobe to B/W-18 cluster
1150 begin purge B/W-18D1
1210 collect sample B/W-18D1
1250 begin purge B/W-18D2
1350 collect sample B/W-18D2
1435 begin purge B/W-18S
1510 collect sample B/W-18S
1545 mobe to WSAB cluster
1610 start purge WSAB-3I
1630 collect sample WSAB-3I
1715 mobe to lab, empty water containers unload truck/samples
1745 drift check, paper work
1830 offsite

THR

9-15-08

0600 on-site
0610 YSI & turbidity meter calibration
load truck
0730 make to B/W-28 cluster
0740 B/W-28S does not have water
0755 start purge B/W-28I
0815 collect sample B/W-28I
0855 start purge B/W-28D
0915 collect samples B/W-28D + B/W-28D-FD
1000 make to B/W-10 cluster
1030 start purge B/W-10S
1045 collect sample B/W-10S
1115 start purge B/W-10D
1130 collect sample B/W-10D
1200 make to lab, unload truck
1230 drift check
1310 off site