4Q 2008 GW MONITORING
TEAM 1

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

INCH

"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

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Project 4Q08 GWM

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Helps protect your notebook from wear & tear. Contact your dealer or the J. L. Darling Corporation.

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PAGE	REFERENCE	DATE

11/2/08

0800 leave Carson City

0900 on-site, sign in

0930 calibrate YSI + turbidity meters units 1 + load truck

1200 make to B/W-29 cluster

1255 begin purge B/W-29D3

1305 control box is not working properlly, needs repair

1350 collect samples B/W-29D3 + B/W-29D3-FD

1530 begin purge B/W-29S

1605 collect sample B/W-29S

1640 make to lab, unload truck

1705 YSI + turbidity meter drift check

1800 offsite

TWP

11/3/08

0530 on-site

0550 calibrate YSI unit #1, load truck

0645 calibrate turbidity meter #1

0710 called QED to arrange equipment maintanance for control box MP10H-1115. Return number is R19466 Need to call Equipco for rental 925-609-1088

0740 make to MW-2S

0815 begin ~~setup~~ (P) purge

0835 collect sample MW-2S

0930 replace transducer in WRP-2S

1010 begin purge B/W-15S

1030 collect sample B/W-15S

1115 lunch

1210 begin purge B/W-14S

1235 collect sample B/W-14S with MS/MSD

1345 setup on B/W-13S, the control box will no longer push enough psi to sample. Location required 75 psi control box would only produce 60 psi.

1420 unload truck, YSI unit 1 drift check

1530 air up tires in truck,

1600 drive back to Carson City

11/4/08

0700 leave Carson City
0800 on-site
0815 calibrate YSI #1 + turbidity meter #1
3915 called Randy Bassett with Geochem for traces.
1025 start purge WSAB-2S
1055 collect sample WSAB-2S

1205 start purge WSAB-3I
1225 collect sample WSAB-3I

1325 go pick up new control box
1425 start purge B/W-6S
1440 collect sample B/W-6S

1535 start purge B/W-6I
1555 collect sample B/W-6I

1625 make back to lab, unload truck
1650 YSI + turbidity meter drift check

11/5/08
sick, did not work

11/6/08
0730 on-site, safety meeting
0750 collect field blank #4
0830 packaging ground samples for shipping
1045 go collect samples from Penny + Roxanne
1115 drop off ground samples @ office
1130 package overnight air samples
1230 shipped overnight samples
1330 arrive in Carson City

TWR

11/7/08

0800 spoke with Randy Bassett again about Boron analysis samples. He is disregarding sample B/W-8I from 9-2-08 (wrong sample). Also straightened out COC issues with MW-2002-1S & MW-2002-2S. Randy also requested from certain sample locations more 1-L sample volume as he has run out trying to determine what is interfering with his sample analysis. He will e-mail me a list of locations later today. In addition to: Walker River

B/W-9I ✓
B/W-9S ✓
B/W-29S ✓
B/W-3I ✓
B/W-2D ✓
B/W-5SR

TMR

11/9/08

0800 Leave carson city
0900 on-site
0905 calibrate YSI unit #1, load truck
1000 calibrate turbidity meter #1
1020 make to B/W-29 cluster, set up
1050 pressure ~~regulator~~ gauge is missing from hose, track it down → check valve
1130 begin purge B/W-29D1
1205 collect sample B/W-29D1
1240 freeze protected B/W-29D1 + B/W-29D3
1255 begin purge B/W-29I
1330 collect sample B/W-29I
1354 freeze protected B/W-29I
1358 start purge for B/W-29S. will let purge for 10 minutes at 500 ml/min to collect extra "B volume
1408 B/W-29S sample parameters:

temp(°C)	SC(us/cm)	DO(mg/L)	pH	ORP(mV)	turbidity
12.81	3987	1.11	4.56	140.7	

1415 freeze protect B/W-29S
1420 make to W5DB-D
1450 begin purge W5DB-D
1510 collect sample W5DB-D
1540 freeze protect W5DB-D
1550 make to lab, unload truck paperwork

con't →

11-9-08 continued

1615 YSI drift check
1640 turbidity meter drift check
1730 offsite

TMR

11-10-08

0530 leave hotel
0545 calibrate YSI unit #1, load truck
0620 pH probe not behaving properly, reading will not stabilize ∴ cleaning probe
0630 calibrate YSI again
0700 turbidity meter calibration
0740 go to store, hotel room to check for e-mail from Randy Bassett, none.
0820 stopped by B/W-1 to help Penny with compressed gas setup
0830 arrive B/W-3 cluster
0855 begin purge B/W-3S
0915 collect sample B/W-3S
0940 freeze protect B/W-3S
1000 begin purge B/W-3I
1020 collect sample B/W-3I
1045 freeze protect B/W-3I
1100 begin purge B/W-3D, Reyanne picked up samples
1115 called Ryan's and spoke with their niece about sampling on their property Wed. 11-12-08.
1130 collect sample B/W-3D
1200 move to B/W-4 cluster, give Penny batteries + B/W-10 paper work
1225 begin purge B/W-4I

con't →

11-10-08 continued

1245 collect sample B/W-4I

1255 Bob McCormic came and spoke with me

1310 freeze protected B/W-4I

1325 begin purge B/W-4D

1345 collect sample B/W-4D

1410 freeze protect B/W-4D

1425 start purge B/W-4S

1445 collect sample B/W-4S

1520 make to lab, unload truck, paperwork

1545 YSI unit #1 drift check, + turbidity meter #1

1620 YSI unit #2 drift check

1730 off site

11-11-08

0545 on site

0600 YSI unit #1 calibration

0730 make to gas station to put air in tire

0800 arrive ~~B/W-28S~~ B/W-22S

0820 begin purge ~~B/W-28S~~ B/W-22S

0840 collect sample ~~B/W-28S~~ B/W-22S

0855 freeze protect B/W-22S

0910 make to B/W-7I

0935 begin purge B/W-7I

1000 collect sample B/W-7I

1040 freeze protect B/W-7I

1050 make to B/W-16S

1100 start purge B/W-16S

1120 collect sample B/W-16S

1145 freeze protect B/W-16S

1200 make to B/W-28 cluster

1215 start purge B/W-28S

1230 collect sample B/W-28S

1300 freeze protect B/W-28S

1315 begin purge B/W-28D

1340 collect sample B/W-28D

1400 freeze protect B/W-28D

1410 begin purge B/W-28I

1435 collect sample B/W-28I

con't →

11-11-08 continued

1450 freeze protect B/W-28I

1510 mobe back to lab & unload truck

1530 YSI unit 1 & tubidity meter #1, YSI unit 2 & turbidity meter unit 2 drift checks

1700 offsite

TWR

11-12-08

0650 onsite

0640 Calibrate YSI unit #1

0715 mobe to Walker River

0730 Collect Walker River sample for tracers parameters:

turbidity	temp	SC	pH	ORP	DO
5.71 NTU	8.46°C	459 µs/cm	7.54	165.9 mV	9.89

0745 continue YSI calibration, load truck

0820 mobe to B/W-2 cluster

0835 stop at Ryan's, spoke with Ed & Sydney

0850 well USGS-135 has very little water. Purging to clear water from tubing, let recharge, then will sample without stabelization. Will not collect rads.

0915 collect sample USGS-135, had to let well recharge during sample collection

0950 begin purge W32DC-D

1020 Collect sample W32DC-D

1110 begin purge MW2002-1S

1180 collect sample MW2002-1S with MS/MSD

1235 begin purge B/W-2D

1305 collect sample B/W-2D

1440 mobe to lab, unload truck

1500 off site