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Yerington GW Sampling 2nd Qtr
5-9-08
B. Wright

2Q 2008
YERINGTON
GROUNDWATER

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

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

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Project Yerington Quarterly 2nd
GW Sampling 5-9-08

2Q 2008 Qtrly GW Sampling

June 9-18, 2008

Team 3 - Briana Wright
Brown + Caldwell

6-9-08

Weather: Clear, hot, up to 90°

0600 Arrive on site after checking in at mine office.
0900 MoB to MW-4
0905 Arrive at MW-4. Set up. Using MPS Unit 2, turbidimeter Unit 3.
0915 Activate logging function MW-4
1015 Begin recording parameters
1042 Achieved consecutive stable Readings
1045 Begin Sample collection
1125 Mob to PA-MW1
1203 Begin recording parameters
1240 Begin sample collection
~~1140~~ 1340 Leave to get supplies

1355 Arrive at PA-MW2
1447 Begin recording parameters

1500. Generator running out of fuel. Called Royanne - she will bring

1615 Begin Sample collection
1545 Compressor ran out of gas - let it cool down, then re-filled + finished sample collection.
1615 Mob to ~~PM-23~~ PA-MW3

1635 Arrive at PA-MW3
1646 Begin recording Parameters
~~713 Begin sample collection~~
1745 Return to lab. end of sampling. start drift checks.
~~1800~~ 1800 End of day

* Log function on YSI started earlier than my recording and was kept on longer than my recording.

6-10-08

Weather: Clear and hot

0600 Arrive at site, Begin calibrating YSI.
0730 Conduct H&S Meeting
840 Leave for MW2002-2I.
0900 Control box out of batteries- leave to get some.
0915 Turn pump on + begin Log function for this YSI is set at MW-2002-2
0922 Begin recording parameters.

* Using turbidimeter Unit 3
Using YSI Unit Unit 3

1005 Stop logging.
1006 Begin sample collection
1035 Leave for. VW-1
1037 Arrive at VW-1
1108 Begin recording parameters
1210 Collect H_2O Samples
1240 Finish sample collection 2 sets - MDSD

Royanne loadup to get shipment out in time.
1335 Leave for W5-AB3
1345 Arrive at W5-AB3
1415 Finished talking to Cliff Sweatt, on Williams Ln. Wants his well tested. I directed him to Penny or Chuck.
1423 Begin reading Parameters
1525 Begin sample collection
1550 Leave for W5BB
1630 Pump on W5BB
1648 Begin recording parameters
1715 Begin sample collection
1730 Leave [illegible]
1900 End of day

* ~~log function~~

BW

6-11-08

Weather: Clear and warm

0600 Arrive on site. begin calibrating YSI's.
0730 Conduct H&S Meeting
0815 Leave for B/W-25I.
0830 Arrive at BW-25I.
Using YSI Unit 3
Using turbidity meter Unit 3
0855 Pump On
0900 Begin recording parameters
0927 stop log function
0930 Begin sampling
0945 End sampling - Pump OFF
0946 Mob to B/W-25S
0955 Pull out transducer
Nevermind - leave it in while sampling.
1010 Pump On
~~1015~~ 1012 Begin recording parameters
1043 Stop log function + recording parameters.
1045 Begin sampling.

1120 Pump on at B/W-25D
1124 Log Function on, begin recording parameters
1215 Log Function off / Begin sampling
1230 Stop sampling
1250 Mob to lab - drop off samples. Reload on supplies.
Help [illegible] pack up [illegible]
[illegible]
1400 Arrive at B/W-25S.
1430 Start Log Function and recording parameters.
1500 Stop log function + recording
1505 Start sampling
1520 Stop sampling. Move to B/W-27D

1535 Begin Comp. on at B/W-27D
1542 Begin Login Function + recording parameters
1615 stop recording parameters + stop log function
1615 Begin sampling
1635 End sampling - pack up
[illegible]

[illegible]

[illegible]ner: Clear warm

YSI Unit 3
Turbidity meter Unit 3
0600 Arrive at lab/site
0800 Finish calibrating YSI 190
checkout of room
0900 Arrive at B/W-28I
0936 Begin logging parameters
1005 Begin sampling
1025 Finished sampling
1054 Begin logging parameters
1100 stopped logging. Flow thru
cell was full of white particles.
Looked like precipitate
1130 stop logging parameters
and begin sampling

1325 Begin logging parameters
at B/W-10D
1350 Stop logging parameters
1400 Begin sampling

1530 Begin recording parameters
Forgot to log on YSI
1600 Begin sampling
1625 Done sampling
moved to B/W-21
1700 Begin at B/W-21
1658 Begin logging parameters
1730 End of day

[illegible]

6-16-08 Unit 3 Turbidimeter YSI

0600 Arrive at lab begin calibrating YSI units
0820 Conv. / Participate in T&S Meeting
0835 Leave lab for B/W 29S
0915 Compressor on @ B/W-29S
0922 Begin logging Parameters
1022 Begin sample collection
1115 Turn off log function on YSI Forgot to turn it on off earlier
1120 Turn generator on @ B/W-29I2
1127 Begin recording parameters @ B/W-29I2
1230 Collect G.W. samples
1405 Begin logging parameters @ B/W-29D.
1505 Begin collecting samples
1545 Done - break down + mob
1600 Arrive at W5-D5
1626 Begin logging Parameters
1723 Begin sampling
1800 Arrive at lab to drift check
1820 End of [illegible]

6-17-08

Weather Hot + clear
Doing Unit 3 YSI + turbidimeter

0600 Arrive onsite, begin calibrating YSI
0740 Health + safety Mtg.
0800 Arrive at B/W-29I1
* Realized that I already sampled this well but unfortunately filled out the COC for B/W-29I2. I called Penny + told her she said to change the sample name on the COC. Thus... I will be sampling B/W-29I2, using the coc from B/W-29I1. She will call the lab + tell them to change the sample name cuz samples already went out to them.
0845 - Now mobing to MW-2 cuz YSI is calibrated for that well

6-17-06

0900 Arrive at B/W-2 to begin setup
Had problems w/ Flow-thru cell.
It was leaking DOI, tightened it
0920 Begin logging parameters
0955 Stop logging parameters
0957 Begin sampling
1030 Stop sampling - breakdown
1042 Mob to B/W-11S
1100 The tubing on B/W-11D is small diameter & does not connect to flow-thru cell. Penny is coming over w/ parts to adapt to it.
1115 Compressor On
1123 Begin logging parameters
1153 Stop logging
1155 Begin sampling
1220 Stop sampling. Mob to B/W-11S.
1245 air compressor on at B/W-11S
1306 Begin logging parameters
1340 Compressor is out of gas - going back to lab to get gas.
1353 Return from lab - regas compressor
* Forgot to turn off log function

1353 - Begin logging parameters again
1420 Stop logging
1422 Begin sample collection
1505 Leave to lab to re-calibrate the YSI
1530 Decide to call it a day. Finish the last 2 wells tomorrow. Begin ~~to~~ drift check on YSI.
~~1030~~ End of day

BW

6-18-08

Weather Clear + hot

Using Unit 3 Turbidimeter
Unit 3 YSI

0600 Arrive at site. Begin calibrating YSIs. recalibrate pH

0820 Arrive at B/W-29I2. Change the COC to reflect that this is B/W-29I2 NOT B/W-29I1

0831 Begin logging parameters @ B/W-29I2.

0908 Stop logging parameters

0910 Begin collecting samples @ B/W-29I2

0943 MOL to B/W-11D3

1012 Begin logging parameters

1055 Begin sampling

1300 Done sampling.

Water was not discharging very fast. I tried all ranges of discharge + recharge. + Only was able to retrieve

There must be something wrong with the pump or control box.

Spend rest of day w/ Penny collecting domestic well samples.

1800 End of day

BW