November 2006

USGS science for a changing world

U. S. GEOLOGICAL SURVEY GROUND-WATER QUALITY NOTES

FIELD ID MW02-Riverton

NWIS RECORD NO _____

13

Station No. 433151110835401 Station Name _____ Field ID _____

Sample Date 5/1/12 Mean Sample Time (watch) 1000 Time Datum MDT (eg. EST, EDT, UTC)

Sample Medium WTQ Sample Type _____ Sample Purpose (71999) _____ Purpose of Site Visit (50280) _____ QC Samples Collected? Y N

Project No. _____ Proj Name _____ Project No. _____ Proj Name _____

Sampling Team PR Wright, C.S. Edmiston Team Lead Signature _____ Date _____

FIELD MEASUREMENTS

Property	Parm Code	Method Code	Result	Units	Remark Code	Value Qualifier	Null Value Qualifier	NWIS Result-Level Comments
Water Level (see p. 8 for codes and units)								
Flow Rate	00059			gal/min				
Sampling Depth	78890 00003			ft blw msl ft				
Depth to top of sampling interval	72015			ft blw lsd				
Depth to bottom of sampling interval	72016			ft blw lsd				
Temperature, Air	00020	THM04 (thermistor) THM05 (thermometer)	21.0	°C				
Temperature, Water	00010	THM01 (thermistor) THM02 (thermometer)	16.6	°C				
Specific Conductance	00095	SC001 (contacting sensor)	543	µS/cm				
Dissolved Oxygen	00300	MEMBR (amperometric) LUMIN (luminescent)	7.75	mg/L				
Barometric Pressure	00025		624	mm Hg				
pH	00400	PROBE (electrode)	8.98	units				
ANC, unfiltered, incremental	00419	TT001		mg/L				
Alkalinity, filtered, incremental	39086	TT013		mg/L				
Carbonate, filtered, incremental	00452	TT019		mg/L				
Bicarbonate, filtered, incremental	00453	TT017		mg/L				
Hydroxide, filtered, incremental	71834	TT023		mg/L				
Turbidity [see attachment for codes]								
Redox potential (Eh)	63002			mvolts				
Hydrogen sulfide odor detected?	71875	SNIF1 (sniff test, acidified sample) SNIF2 (sniff test, unacidified sample)	#	Yes No	M detect U non-detect			Sample acidified beforehand? yes no
Hydrogen sulfide, unfiltered, measured	99119	ISE01 (electrode) KIT01 (Chemetrics) KIT02 (Hach)		mg/L				
Other								
Other								
Other								

SAMPLING INFORMATION

Parameter	Pcode	Value
Sampling Condition*	72006	
Sampling Method*	82398	
Sampler Type*	84164	

*see p. 8 for values

Information

Sampler/Pump Type (make/model): Drillers Trash Pump / Steam cleaned

Pump/Sampler ID: _____

Sampler Material: stainless steel pvc teflon other _____

Tubing Material: teflon plastic tygon copper other _____

Filter type(s): capsule disc 142mm 25mm GFF membrane

COMPILED BY: PRW DATE 5/1/12 CHECKED BY: PRW DATE 5/3/12 LOGGED INTO NWIS BY: _____ DATE _____

GW Form version 8.0

Peter R. Wright 5/3/12

DISCLOSED TO AND UNDERSTOOD BY	DATE	WITNESS	DATE