

TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	GV 81e-2 BWQ	Sample Purpose:	Rule 609 sub 2
Site Name (Well Pad):	GV 81e-2	Site API:	15-045-06703
Station Name:	Rice, John	Sample Date:	7-8-20
COGCC Facility ID:	703035	Start Time:	1030
Field Sample ID:	Rice-Well	End Time:	1300
Landowner Name:	John Rice	Sample Time:	1240
Landowner Address:	697 CR 355, Parachute	Sample Team:	SLG, NWS
Water Right/Well Owner:	John & Melinda Rice	Sampler:	NWS
Water Right/Well Permit:	Jana M Rice Water 100326	Lead Signature/Date:	J. Good 7-9-20
Receipt Number:	009478		

Station Information			
Station Description: Hydrant ~10 ft north of well			
Approximate Distance to Well Pad (from well location): 1250 ft			
Station Type: <u>Well</u> / Spring / Seep / Other:		Water Use: <u>Domestic</u> / Irrigation /	
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / <u>Hydrant</u> / Other:			
GPS Well Location: Zone	x NM	y NM	z NM
GPS Sampling Location: Zone	x -107.973591	y 39.465002	z 5856
Total Depth (ft):	180 / Q	Static Depth to Water (ft):	135.1
Total Volume x 3 (gal)	16665	Total Volume Purged (gal)	212
		Well diameter (in): Unknown, estimated 5.5"	

Weather Conditions	
Sky: <u>Clear</u> / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F): 85
Precipitation: <u>None</u> / Light / Moderate / Heavy	Precip Type: <u>None</u> / Rain / Sleet / Hail / Snow
Wind: <u>Calm</u> / <u>Light</u> / Mod / Strong	Wind Speed/Direction: 0

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	12.3	1245		YSI PRO 2	Container	
pH	s.u.	8.02					
Sp. Conductivity	uS/cm	584.0					
Conductivity	uS/cm	436.6					
DO Saturation	%	104.4					
DO	mg/L	6.94					
Baro Press	mmHg	1014.4					
ORP	RmV	219.3					
Turbidity	NTU	0.30		AV	Micro		0.40, 0.38, 0.13
Discharge	gpm	2.0		VAR			
Color: <u>Clear</u> / White / Yellow / Brown / Green / Blue / Other <u>Light</u> / Med / Dark							
Odor: <u>None</u> / Mild / Mod / Strong							
Effervescence: <u>None</u> / Mild / Mod / Strong				Bubbles: <u>None</u> / Low / Mod / High			
Sediment: <u>None</u> / Light / Mod / Heavy				VOA Headspace: <u>None</u> / ≤ Pea Size / ≥ Pea Size			
Lab Analysis: <u>Rule 609</u> / COA 9 / COA 22 / Other							
Field Filtered: <u>Yes</u> / No		Filter Size: <u>N/A</u>		No. Filters used: <u>N/A</u>			

Flag Codes: NM (not measured), E (estimated), N/A (not applicable), I (insufficient sample), Q (uncertain value), Y (calculated value), AV (averaged value), EC (exceeds calibration range), P (probe malfunction), NS (not stabilized), VAR (variable), OT (other flag to be defined later)

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Landowner Comments on water quality:

None

Additional information:

1257 WL POTOC 132.81

The well/pump would surge causing the parameters to fluctuate during purge.

Mr. John Rice present for sampling.

Calibration info on Firth 112927

Calibration Information			Date:			Location:		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
	pH	s.u.						
	pH	s.u.						
	pH	s.u.						
	SpC	uS/cm						
	SpC	uS/cm						
	DO	%						
	DO	%						
	ORP	RmV						
	Turbidity	NTU						

