

## TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	GV 802 BWQ	Sample Purpose:	Rule 609 Sub 2
Site Name (Well Pad):	GV 802	Site API:	05-045-06703
Station Name:	Mitchell Water Well	Sample Date:	7-13-20
COGCC Facility ID:	704671	Start Time:	0830
Field Sample ID:	MITCHELL 149891	End Time:	1035
Landowner Name:	Orley Mitchell	Sample Time:	1020
Landowner Address:	6516 CR 340, Parachute	Sample Team:	SLG, JNP
Water Right/Well Owner:	Orley Mitchell	Sampler:	SLG
Water Right/Well Permit:	149891	Lead Signature/Date:	J. Good 7-14-20
Receipt Number:	0281675		

Station Information			
Station Description: Hose bib on southeast corner of house			
Approximate Distance to Well Pad (from well location): 2280 ft			
Station Type: <u>Well</u> / Spring / Seep / Other:		Water Use: Domestic / Irrigation / <u>Household</u>	
Sampling Location: Kitchen Tap / Pipe / Well House / <u>Hose bib</u> / Hydrant / Other:			
GPS Well Location: Zone	x NM	y NM	z NM
GPS Sampling Location: Zone	x -107.976874	y 39.4163154	z 51003'
Total Depth (ft):	200	Static Depth to Water (ft):	124.81
Total Volume x 3 (gal)	147	Total Volume Purged (gal)	<del>147</del> 150
		Well diameter (in): 4"	

Weather Conditions	
Sky: <u>Clear</u> / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F): 75
Precipitation: <u>None</u> / Light / Moderate / Heavy	Precip Type: <u>None</u> / Rain / Sleet / Hail / Snow
Wind: <u>Calm</u> / Light / Mod / Strong	Wind Speed/Direction: 8

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	11.4	1030		YSI PRO2	CONTAINER	
pH	s.u.	8.08					
Sp. Conductivity	uS/cm	554.4					
Conductivity	uS/cm	411.2					
DO Saturation	%	60.0					
DO	mg/L	6.56					
Baro Press	mmHg	614.5					
ORP	RmV	266.6					
Turbidity	NTU	1.53		AV	micro		1.76, 2.29, 0.56
Discharge	gpm	1.5		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: NA		No. Filters used: NA			

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:

127.90 WL AFTER SAMPLE

Mr. Orley Mitchell Present for sampling.

Calibration Information			Date: <u>7-13-20</u>			Location: <u>WUL OFFICE</u>		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
<u>YSI PRO</u>	pH	s.u.	<u>0643</u>	<u>7.00</u>	<u>23.0</u>	<u>7.02</u>	<u>7.04</u>	
	pH	s.u.	<u>0648</u>	<u>10.01</u>	<u>23.0</u>	<u>10.00</u>	<u>10.01</u>	
	pH	s.u.	<u>0651</u>	<u>4.01</u>	<u>23.0</u>	<u>4.04</u>	<u>4.02</u>	
	SpC	uS/cm	<u>0639</u>	<u>2764</u>	<u>23.1</u>	<u>2624</u>	<u>2764</u>	
	DO	%	<u>0658</u>	<u>AIR</u>		<u>85.1</u>	<u>83.9</u>	<u>637.7 mg/l</u>
	ORP	RmV						
	Turbidity	NTU						

