

## TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	GV 812 BWQ	Sample Purpose:	Rule 609 Sub 2
Site Name (Well Pad):	GV 812	Site API:	15 045-0603 703
Station Name:	Firth 112927	Sample Date:	7-8-20
COGCC Facility ID:	703063	Start Time:	0850
Field Sample ID:	Firth 112927	End Time:	1020
Landowner Name:	Samuel Firth	Sample Time:	1010
Landowner Address:	3739 CR 301, Parachute	Sample Team:	SLG, NWS
Water Right/Well Owner:	Samuel Firth	Sampler:	NWS
Water Right/Well Permit:	112927	Lead Signature/Date:	J. Paoli 7-9-20
Receipt Number:	0201820		

Station Information			
Station Description: Hose bib by well			
Approximate Distance to Well Pad (from well location): -2350' Ft			
Station Type: Well / Spring / Seep / Other:		Water Use: Domestic / Irrigation /	
Sampling Location: Kitchen Tap / Pipe / Well House / Hose bib / Hydrant / Other:			
GPS Well Location: Zone	x -107.97211	y 39.45895	z -
GPS Sampling Location: Zone	x "	y "	z -
Total Depth (ft):	180	Static Depth to Water (ft):	65.38
Total Volume x 3 (gal):	NA	Total Volume Purged (gal):	127
		Well diameter (in): NA	

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

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	12.5	1010		YSI PRO 2	Container	
pH	s.u.	7.76					
Sp. Conductivity	uS/cm	591.4					
Conductivity	uS/cm	NM					
DO Saturation	%	83.0					
DO	mg/L	8.84					
Baro Press	mmHg	612.2					
ORP	RmV	263.16					
Turbidity	NTU	4.02		AV	Micro		5.0, 383, 5.03
Discharge	gpm	2.0		VAR			
Color: Clear / White / Yellow / Brown / Green / Blue / Other Light / Med / Dark							
Odor: None / Mild / Mod / Strong							
Effervescence: None / Mild / Mod / Strong				Bubbles: None / Low / Mod / High			
Sediment: None / Light / Mod / Heavy				VOA Headspace: None / ≤ Pea Size / ≥ Pea Size			
Lab Analysis: Rule 609 / COA 9 / COA 22 / Other							
Field Filtered: Yes / 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. Pressure regulation tank & filtration system upstream of sampling location.

Additional information:

ID10: WL Bsta: 168.79

Sediment & particles collected in flow cell during purge.

Mr. Sam Firth present for sampling.

Calibration Information			Date: 7-8-20			Location: WML Office		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
YSI Pro	pH	s.u.	718	7.00	22.3	6.97		
	pH	s.u.	722	10.01	22.3	10.00		
	pH	s.u.	725	4.01	22.3	3.92	4.00	
	SpC	uS/cm	715	2764	22.2	2881	2765	
	SpC	uS/cm						
	DO	%	733	638.1 mg/L	21.9	93.6	84.0	
	DO	%						
	ORP	RmV						
	Turbidity	NTU						

