

# TEP BWQ Groundwater Monitoring Field Form

Project Information			
Project:	RW 11-7 BWS	Sample Purpose:	Form 15 annual
Site Name (Well Pad):	RW 11-7	Site API:	045-06818
Station Name:	Federal 5595	Sample Date:	11-28-18
COGCC Facility ID:	752709	Start Time:	1100
Field Sample ID:	Yellow Jacket Spg	End Time:	1145
Landowner Name:	Blm CO River Valley	Sample Time:	1130
Landowner Address:	2300 River Frontage Rd	Sample Team:	SLG, NWS
Water Right/Well Owner:	Blm	Observer:	SLG
Water Right/Well Permit:	Yellow Jacket Spg	Lead Signature/Date:	<i>[Signature]</i> 12318
Receipt Number:	NA		

Station Information			
Station Description: 2" poly pipe flowing into stock tank			
Approximate Distance to Well Pad (from well location): 4800'			
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	y z
GPS Sampling Location:	Zone	x -107.80938	y 39.4639916 z 7540
Total Depth (ft):		Static Depth to Water (ft):	Well diameter (in):
Total Volume x 3 (gal)		Total Volume Purged (gal)	

Weather Conditions			
Sky:	Clear / Scattered / Cloudy / <u>Overcast</u>	Estimated Air Temp (deg F):	30
Precipitation:	None / <u>Light</u> / Moderate / Heavy	Precip Type:	None / Rain / Sleet / Hail / <u>Snow</u>
Wind:	Calm / <u>Light</u> / Mod / Strong	Wind Speed/Direction:	Q

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	4.05	1134		YSI 556	container	
pH	s.u.	6.29					
Sp. Conductivity	uS/cm	653					
Conductivity	uS/cm	392					
DO Saturation	%	54.0					
DO	mg/L	2.00					
Baro Press	mmHg	576.2					
ORP	RmV	131.4					
Turbidity	NTU	0.161		AV	micro		0.58, 0.70, 0.55
Discharge		NM					
H <sub>2</sub> S		0.0			Colorimeter		0.0, 0.0
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 / <u>COA 9</u> / COA 22 / Other w/ coliform						
Field Filtered:	Yes / <u>No</u>	Filter Size:	N/A	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), OT (other flag to be defined later), NS (not stabilized), VAR (variable)

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Landowner Comments on water quality:

None

Additional information:

Pipe was frozen, very little flow.

No TEP representatives or landowners present for sampling.

Calibration info on Beaver cr 2

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						