

TEP BWQ Surface Water Monitoring Field Form

Project Information			
Project:	RU 11-7 BWQ	Sample Purpose:	Form 15 Annual
Site Name (Well Pad):	RU 11-7	Site API:	045-06818
Station Name:	Federal 5595	Sample Date:	10/29/20
COGCC Facility ID:	752709	Start Time:	12:25
Field Sample ID:	Yellow Jacket Spg	End Time:	1:27
Landowner Name:	BLM CO River Valley	Sample Time:	1225
Landowner Address:	2300 River Frontage Rd	Sample Team:	SLG, NWS, TDS
Water Right/Well Owner:	BLM	Sampler:	TDS
Water Right/Well Permit:	Yellow Jacket Spg	Lead Signature/Date:	10/30/20

Station Information	
Station Description:	2" poly pipe flowing into stock tank
Approximate Distance to Well Pad:	4,200'
Station Type:	Stream / Spring / Seep / Pond / Lake / NPDES Outfall / Other:
Sampling Location:	Bank / Pipe / Wading / Boat / Bridge / Hose bib / Tank / Other:
Sampling Location Description:	Pool / Riffle / Eddy / Backwater / Open / Channel / Braided / Other: End of pipe
Sampling Location Width:	N/A
Sampling Location Depth:	N/A
GPS Location:	Zone x -107.80938 y 39463996 z 7540

Weather Conditions			
Sky:	Clear / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F):	55
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	10.8	1252		YSI Pro2	Container	
pH	s.u.	7.30	↓		↓	↓	
Sp. Conductivity	uS/cm	621.8					
Conductivity	uS/cm	456.8					
DO Saturation	%	58.4					
DO	mg/L	4.20					
Baro Press	mmHg	582.2					
ORP	RmV	217.0					
Turbidity	NTU	2.87		AV	Micro		3.67, 2.62, 2.33
Discharge	N/A	NM					
H ₂ S	mg/L	0.00		AV	Hach		0.00, 0.00, 0.00, 0.00
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:	N/A		No. Filters used:	N/A

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:

Additional information:

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						

See Beaver Cr 2