

411  
TEP COGCC Rule 317B Surface Water Monitoring Field Form

05-045-22823, 05-045-22474  
05-045-22976, 05-04522478,

Project Information			
Surface Water Supply Area:	Parachute SWSA	Site API(s):	05-045-22481
Site Name (Well Pad(s)):	Tompkins Pad	Sample Date:	2/8/23
Station Name:	Revell Spr	Start Time:	1030
COGCC Facility ID:	753790	End Time:	1045
Field Sample ID:	Revell Spr	Sample Time:	1040
Landowner Name:	City of Parachute	Sample Team:	AJK + BOS
Landowner Address:	Parachute, CO 81635	Sampler:	AJK
Time of DCPS Operations:	11/16/22 → 11/17/22	Lead Signature/Date:	AJK 2/8/23

Station Information	
Station Description:	Revell Springs raw water tank; pipe in tank house
Approximate Distance to Well Pad:	~ 1000 ft NW of pad
Station Type:	Stream / Spring / Seep / Pond / Lake / NPDES Outfall / Other: Water treatment plant
Sampling Location:	Bank / <u>Pipe</u> / Wading / Boat / Bridge / Hose bib / Tank / Other:
Sampling Location Description:	Pool / Riffle / Eddy / Backwater / Open / Channel / Braided / Other: inlet to treatment
Sampling Location Width:	N/A
Sampling Location Depth:	N/A
GPS Location:	Zone x -107.016502 y 39.463667 z 5341

Weather Conditions	
Sky:	<u>Clear</u> / Scattered / Cloudy / Overcast Estimated Air Temp (deg F): 30f
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: Calm

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	13.6	1040		YSI	Cont.	
pH	s.u.	7.43	↓		↓	↓	
Sp. Conductivity	uS/cm	533.8	↓		↓	↓	
Conductivity	uS/cm	416.7	↓		↓	↓	
DO Saturation	%	50.0	↓		↓	↓	
DO	mg/L	5.25	↓		↓	↓	
Baro Press	mmHg	637.0	↓		↓	↓	
ORP	RmV	563.0↑	↓		↓	↓	
Turbidity	NTU	1.22	↓	AV	microTPW	↓	1.25, 1.29, 1.11
Discharge		N/A					
H2S	mg/L	NM					
Color:	<u>Clear</u> / White / Yellow / Brown / Green / Blue / Other			Light / 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:	<del>Rule 317B</del> / Rule 609 / COA 9 / COA 22 / Other Rule 411						
Field Filtered:	<u>Yes</u> / No		Filter Size:	No. Filters used: —			

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)

