

# TEP COGCC Surface Water Monitoring Field Form

Project Information			
Surface Water Supply Area:	N/a	Sample Purpose:	Annual COA 2023
Site Name (Pad/CWMF):	GM 245-1	Site Facility ID/API:	05-045-18426
Station Name:	Hayes Gulch DWN	Sample Date:	4-19-23
Sample Facility ID:	755511	Start Time:	1420
Field Sample ID:	Hayes Gulch DWN	End Time:	1445
Landowner Name:	TEP Rocky Mountain LLC	Sample Time:	1430
Landowner Address:	1058 CR 215 Parachute, CO	Sample Team:	TEP ASH
Date Range of DCPS Operations:	N/a	Sampler:	TEP
		Lead Signature/Date:	14 4-19-23

Station Information			
Station Description: Slightly upstream of culvert			
Approximate Distance to Well Pad: 1595 ft			
Station Type: <b>Stream</b> / Spring / Seep / Pond / Lake / NPDES Outfall / Other:			
Sampling Location: <b>Bank</b> / Pipe / Wading / Boat / Bridge / Hose bib / Tank / Other:			
Sampling Location Description: Pool / Riffle / Eddy / Backwater / Open / <u>Channel</u> / Braided / Other:			
Sampling Location Width: 3 ft		Sampling Location Depth: surface	
GPS Location:	Zone	X -108.05181	Y 39.46574 Z 5219

Weather Conditions			
Sky:	Clear / Scattered / Cloudy / <u>Overcast</u>	Estimated Air Temp (deg F):	45
Precipitation:	None / <u>Light</u> / Moderate / Heavy	Precip Type:	None / <u>Rain</u> / Sleet / Hail / Snow
Wind:	<u>Calm</u> / Light / Mod / Strong	Wind Speed/Direction:	2 mph

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	8.2	1430		YSI	In-Situ	
pH	s.u.	8.4					
Sp. Conductivity	uS/cm	1307					
Conductivity	uS/cm	886					
DO Saturation	%	109.2					
DO	mg/L	12.42					
Baro Press	mmHg	631.7					
ORP	RmV	348.8					
Turbidity	NTU	312.5		AV	MicroTWP	Cont.	313.2, 308.7, 315.6
Discharge	CFS	2.38					
H2S	mg/L	NM					

Color:	Clear / White / Yellow / <u>Brown</u> / Green / Blue / Other	Light / <u>Med</u> / Dark
Odor:	<u>None</u> / Mild / Mod / Strong	
Effervescence:	<u>None</u> / Mild / Mod / Strong	Bubbles: <u>None</u> / Low / Mod / High
Sediment:	None / Light / <u>Mod</u> / Heavy	VOA Headspace: None / ≤ Pea Size / ≥ Pea Size

Lab Analysis:	Rule 411	COA
Field Filtered:	Yes / <u>No</u>	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)

