

TEP COGCC Surface Water Monitoring Field Form

Project Information			
Surface Water Supply Area:	N/a	Sample Purpose:	Annual COA 2023
Site Name (Pad/CWMP):	GM 245-1	Site Facility ID/API:	05-045-18426
Station Name:	Hayes Gulch Up	Sample Date:	4-19-23
Sample Facility ID:	755510	Start Time:	1350
Field Sample ID:	Hayes Gulch Up	End Time:	1400-1415
Landowner Name:	TEP Rocky Mountain LLC	Sample Time:	1405
Landowner Address:	1058 CR 215 Parachute, CO	Sample Team:	TFM AS14
Date Range of DCPS Operations:	N/a	Sampler:	TFM
		Lead Signature/Date:	TM 4-19-23

Station Information			
Station Description: Northwest of GM 245-1 Pad			
Approximate Distance to Well Pad: 250 ft			
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 / <u>Channel</u> / Braided / Other:			
Sampling Location Width: 3ft		Sampling Location Depth: surface	
GPS Location:	Zone	X -108.05695	Y 39.46853 Z 5298

Weather Conditions	
Sky:	Clear / Scattered / Cloudy / <u>Overcast</u> Estimated Air Temp (deg F): 48
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: 3mph

Field Measurements									
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments		
Water Temp	deg C	7.9	1405		YSI	In-Situ			
pH	s.u.	8.30	↓		↓	↓			
Sp. Conductivity	uS/cm	1303							
Conductivity	uS/cm	879							
DO Saturation	%	91.0							
DO	mg/L	10.64							
Baro Press	mmHg	629.7							
ORP	RmV	281.8							
Turbidity	NTU	281.6		AV			MicroTAN	Cont	280.7, 282.5, 281.5
Discharge	cfs	247					M	In-Situ	247
H2S	mg/L	NM							
Color: Clear / White / Yellow / <u>Brown</u> / Green / Blue / Other <u>Light</u> / Med / Dark									
Odor: None / 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)

