

TEP BWQ Surface Water Monitoring Field Form

Project Information			
Project:	TEP GM 245-1 BOA	Sample Purpose:	Annual COA
Site Name (Well Pad):	GM 245-1	Site API:	05-045-18426
Station Name:	Hayes Gulch DWN	Sample Date:	4/7/21
COGCC Facility ID:	755511	Start Time:	1229
Field Sample ID:	Hayes Gulch DWN	End Time:	1300
Landowner Name:	TEP Rocky Mtn LLC	Sample Time:	1245
Landowner Address:	PO Box 330, Gansville, TN	Sample Team:	TDS, MAD
Water Right/Well Owner:	N/A	Sampler:	TDS
Water Right/Well Permit:	N/A	Lead Signature/Date:	<i>[Signature]</i> 4/14/21

Station Information			
Station Description:	Slightly upstream of culvert, west side of road		
Approximate Distance to Well Pad:	1595		
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:		
Sampling Location Width:	2'	Sampling Location Depth:	3"
GPS Location:	Zone	x -108.05181 y 39.46574	z 5219

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	18.6	1248		YST Pro2	Container			
pH	s.u.	8.42	↓		↓	↓			
Sp. Conductivity	uS/cm	1131							
Conductivity	uS/cm	992							
DO Saturation	%	89.5							
DO	mg/L	8.03							
Baro Press	mmHg	629.8							
ORP	RmV	199.1							
Turbidity	NTU	181.0		AV			Micro Hach		
Discharge		70.1		P					183.2, 180.2, 179.8 Flow too low to get accurate measurement

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)

