

## TEP BWQ Surface Water Monitoring Field Form

Project Information			
Project:	TEP 6M 245-1 BWQ	Sample Purpose:	Annual COA
Site Name (Well Pad):	6M 245-1	Site API:	05-045-18426
Station Name:	Hayes Gulch UP	Sample Date:	4/7/21
COGCC Facility ID:	755510	Start Time:	1130
Field Sample ID:	Hayes Gulch UP	End Time:	1225
Landowner Name:	TEP Rocky Mtn LLC	Sample Time:	1200
Landowner Address:	PO Box 330, Gainsville TX	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: Northwest of 6M 245-1 Pad			
Approximate Distance to Well Pad: 250ft			
Station Type: <u>Stream</u> / Spring / Seep / Pond / Lake / NPDES Outfall / Other:			
Sampling Location: <u>Bank</u> / Pipe / Wading / Boat / Bridge / Hose bib / Tank / Other:			
Sampling Location Description: Pool / Riffle / Eddy / Backwater / Open / <u>Channel</u> / Braided / Other:			
Sampling Location Width: 2'		Sampling Location Depth: 3"	
GPS Location:	Zone	x -108.05695 y 39.46853	z 5298

Weather Conditions			
Sky: <u>Clear</u> / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F): 55		
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: <u>C</u>		

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	14.5	1201		YSI Pro2	<u>Container</u>	
pH	s.u.	8.50	↓		↓	↓	
Sp. Conductivity	uS/cm	1140					
Conductivity	uS/cm	913					
DO Saturation	%	92.2					
DO	mg/L	9.25					
Baro Press	mmHg	628.7					
ORP	RmV	200.8					
Turbidity	NTU	233.0		AV	Micro HACH		239.8, 227.2, 232.7
Discharge	cfs	-0.61		P			Flow too low to get accurate measurement
Color: <u>Clear</u> / 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: <u>None</u> / Light / Mod / Heavy				VOA Headspace: <u>None</u> / ≤ Pea Size / ≥ Pea Size			
Lab Analysis: <u>Rule 609</u> / COA 9 / COA 22 / Other							
Field Filtered: <u>Yes</u> / No      Filter Size: <u>N/A</u> No. Filters used: <u>N/A</u>							

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)

