

TEP BWQ Surface Water Monitoring Field Form

Project Information			
Project:	TEP 6M 245-1 BLWD	Sample Purpose:	Annual CFA
Site Name (Well Pad):	6M 245-1	Site API:	05-045-184710
Station Name:	HAYS Gulch UP	Sample Date:	4-4-18
COGCC Facility ID:	755510	Start Time:	1400
Field Sample ID:	HAYS Gulch UP	End Time:	1410
Landowner Name:	TEP Rocky Mtn LLC	Sample Time:	1405
Landowner Address:	PO Box 330, Gainesville, TX	Sample Team:	SLY, MIBS
Water Right/Well Owner:	NA	Observer:	SLY
Water Right/Well Permit:	NA	Lead Signature/Date:	J. Good 4-5-18

Station Information			
Station Description: Northwest of 6M 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 / Channel / Braided / Other:			
Sampling Location Width: 2 ft		Sampling Location Depth: 2'	
GPS Location:	Zone	x -108.15645	y 39.46853 z 5298

Weather Conditions			
Sky:	Clear / Scattered / <u>Cloudy</u> / Overcast	Estimated Air Temp (deg F): 50	
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: 0	

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	10.1	1406		YSI PRO	in-situ	
pH	s.u.	8.02	↓		↓	↓	
Sp. Conductivity	uS/cm	898					
Conductivity	uS/cm	642					
DO Saturation	%	78.6					
DO	mg/L	8.80					
Baro Press	mmHg	629.1					
ORP	RmV	217.0					
Turbidity	NTU	49.8		AV	micro		48.28, 49.31, 49.19
Discharge	cfs	10.25					visual, estimate
Color: <u>Clear</u> / White / Yellow / Brown / Green / Blue / Other <u>Light</u> / Med / 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: <u>None</u> / ≤ Pea Size / ≥ Pea Size			
Lab Analysis: Rule 609 / COA 9 / COA 22 / <u>Other</u>							
Field Filtered: Yes / <u>No</u>		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), OT (other flag to be defined later), NS (not stabilized), VAR (variable)

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Landowner Comments on water quality:

None

Additional information:

Pad well parks on has recently ~~been~~ had some dirt work.

No TEP representatives present for sampling.

Calibration info on Spruce Creek Pit monitoring well

Calibration Information			Date:			Location:		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
	pH	s.u.						
	pH	s.u.						
	pH	s.u.						
	SpC	uS/cm						
	SpC	uS/cm						
	DO	%						
	DO	%						
	ORP	RmV						
	Turbidity	NTU						