

## TEP BWQ Surface Water Monitoring Field Form

Project Information			
Project:	TEP RULE 609 BWQ	Sample Purpose:	PRE-DRILL BASELINE
Site Name (Well Pad):	TR 32-28-597	Site API:	05-045-23560
Station Name:	GETTY 12C	Sample Date:	8-29-17
COGCC Facility ID:	755917	Start Time:	1429
Field Sample ID:	GETTY 12C	End Time:	1500
Landowner Name:	Chevron USA, LLC	Sample Time:	1434
Landowner Address:	PO Box 285, Houston, TX 77001	Sample Team:	NWS, JNP
Water Right/Well Owner:	Chevron USA, LLC	Observer:	JNP
Water Right/Well Permit:	Getty Spring 12C	Lead Signature/Date:	<i>[Signature]</i> 9-12-17

Station Information			
Station Description: Large slumped area east side of main drainage			
Approximate Distance to Well Pad: 2,688 ft			
Station Type: Stream / <u>Spring</u> / 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 / Channel / Braided / Other: emanation point			
Sampling Location Width: ~6'		Sampling Location Depth: 1-3"	
GPS Location:	Zone	x 39.59182	y -108.27493 z <del>80</del> 8062

Weather Conditions	
Sky: <u>Clear</u> / Scattered / Cloudy / Overcast	Estimated Air Temp (deg F): 75
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: NM

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	60.20	1444		YSI 556	In-situ	
pH	s.u.	7.87					
Sp. Conductivity	uS/cm	745					
Conductivity	uS/cm	477					
DO Saturation	%	68.4					
DO	mg/L	8.42					
Baro Press	mmHg	577.6					
ORP	RmV	178.5					
Turbidity	NTU	4.11		AV	Micro TPI	Container	8.77, 4.69, 4.74, 2.91
Discharge	GPM	10		E			
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: <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: Yes / <u>No</u>		Filter Size: N/A		No. Filters used: 0			

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:

Chevron representatives Dorrie + Lloyd present for sampling.

Cal info on Getty GE

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						