

TEP BWQ Surface Water Monitoring Field Form

Project Information			
Project:	TEP RULE 609 BWQ	Sample Purpose:	RULE 609 BASELINE
Site Name (Well Pad):	TR 1-24-597	Site API:	05-045-23620
Station Name:	GETTY 6E	Sample Date:	8-29-17
COGCC Facility ID:	755912	Start Time:	1120
Field Sample ID:	GETTY 6E	End Time:	1150
Landowner Name:	Chevron USA, Inc	Sample Time:	1120
Landowner Address:	PO Box 265, Houston, TX 77001	Sample Team:	NWS, JNP
Water Right/Well Owner:	Chevron USA, Inc	Observer:	NWS
Water Right/Well Permit:	Getty Spring 6E	Lead Signature/Date:	8/29-11-17

Station Information			
Station Description:	Spring emanation point @ head of drainage on east side		
Approximate Distance to Well Pad:	1,975 feet		
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: emanation point		
Sampling Location Width:	0.5'	Sampling Location Depth:	> 1"
GPS Location:	Zone	X	Z
		39.60538	108.23444 8064

Weather Conditions	
Sky:	Clear / Scattered / Cloudy / Overcast
Precipitation:	None / Light / Moderate / Heavy
Wind:	Calm / Light / Mod / Strong
Estimated Air Temp (deg F):	75
Precip Type:	None / Rain / Sleet / Hail / Snow
Wind Speed/Direction:	NM

Field Measurements							
Parameter	Units	Reading	Time	Flag Code	Instrument	In-situ or Container	Comments
Water Temp	deg C	5.81	1145		YSI 556	In-situ	
pH	s.u.	7.30					
Sp. Conductivity	uS/cm	649					
Conductivity	uS/cm	410					
DO Saturation	%	65.6					
DO	mg/L	8.20					
Baro Press	mmHg	577.1					
ORP	RmV	214.9					
Turbidity	NTU	30.38		AV	MicroTPI	Container	31.50, 31.14, 28.49
Discharge	GPM	75		E			
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:	NA	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)

TEP BWQ Surface Water Monitoring Field Form

Landowner Comments on water quality:

None

Additional information:

COLLECTED FROM EMANATION POINT. ACCOMPANIED BY DORRIE LLOYD OF CHEVRON

Calibration Information			Date: <u>8-29-17</u>			Location: <u>WNL Office</u>		
Instrument	Parameter	Units	Time	Calibration Standard Value	Calibration Standard Temp (°C)	Instrument Reading of Standard	Adjusted Reading	Comments
 <u>YS1556</u>	pH	s.u.	<u>618</u>	<u>7.00</u>	<u>22.08</u>	<u>6.77</u>	<u>7.00</u>	
	pH	s.u.	<u>625</u>	<u>10.01</u>	<u>22.01</u>	<u>10.07</u>	<u>10.01</u>	
	pH	s.u.	<u>631</u>	<u>4.01</u>	<u>22.06</u>	<u>4.05</u>	<u>4.01</u>	
	SpC	uS/cm	<u>611</u>	<u>1413</u>	<u>22.08</u>	<u>1300</u>	<u>1413</u>	
	SpC	uS/cm						
	DO	%	<u>640</u>	<u>643.3 mmHg</u>	<u>22.03</u>	<u>93.3</u>	<u>84.6</u>	
	DO	%						
	ORP	RmV						
<u>Micro TPI</u>	Turbidity	NTU	<u>623</u>					