



Cross Timbers Energy 400 West 7th Street Fort Worth TX, 76102	Project Name: Braiden Head Tests Project Number: 19008-0001 Project Manager: Jeff Waggoner	Reported: 06/19/19 16:24
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Breach #307m
P906048-01 (Water)

API# 3003923143

Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
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Wet Chem/Gravimetric

Total Dissolved Solids	462	10.0	mg/L	1	1924044	06/13/19	06/17/19	SM2540C	
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Dissolved Metals by 6010

Calcium	ND	1.00	mg/L	1	1924039	06/13/19	06/14/19	EPA 6010C	
Iron	ND	2.00	mg/L	1	1924039	06/13/19	06/14/19	EPA 6010C	
Magnesium	ND	1.00	mg/L	1	1924039	06/13/19	06/14/19	EPA 6010C	
Potassium	ND	1.00	mg/L	1	1924039	06/13/19	06/14/19	EPA 6010C	
Sodium	158	2.00	mg/L	1	1924039	06/13/19	06/14/19	EPA 6010C	
Sodium Absorption Ratio	46.5		N/A	1	1925006	06/17/19	06/17/19	[CALC]	

Anions by 300.0/9056A

Chloride	3.37	2.00	mg/L	1	1924013	06/12/19	06/12/19	EPA 300.0/9056A	
Fluoride	1.91	0.250	mg/L	1	1924013	06/12/19	06/12/19	EPA 300.0/9056A	
Nitrate-N	ND	0.250	mg/L	1	1924013	06/12/19 08:20	06/12/19 16:12	EPA 300.0/9056A	
Nitrite-N	ND	0.250	mg/L	1	1924013	06/12/19 08:20	06/12/19 16:12	EPA 300.0/9056A	
o-Phosphate-P	ND	0.250	mg/L	1	1924013	06/12/19 08:20	06/12/19 16:12	EPA 300.0/9056A	
Sulfate	126	2.00	mg/L	1	1924013	06/12/19	06/12/19	EPA 300.0/9056A	

Wet Chemistry

Total Alkalinity (as CaCO3 at pH 4.5)	186	10.0	mg/L	1	1925021	06/19/19	06/19/19	SM2320B	
Specific Conductance (@ 25 C)	717	10.0	uS/cm	1	1925001	06/17/19	06/17/19	9050A/2510 B	
pH @25°C	9.92		pH Units	1	1925014	06/19/19 08:07	06/19/19 13:15	9040C/4500 H+B	H1

NMOC

JUN 27 2019

DISTRICT III

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