

75 Suttle Street Durango, CO 81303 970.247.4220 Phone 970.247.4227 Fax www.greenanalytical.com

16 September 2020

David Bounds Hilcorp 382 Road 3100 Aztec, NM 87410 RE: Braden Head

Enclosed are the results of analyses for samples received by the laboratory on 09/09/20 12:00. If you need any further assistance, please feel free to contact me.

Sincerely,

Deblie Zufett

Debbie Zufelt Reports Manager

All accredited analytes contained in this report are denoted by an asterisk (\*). For a complete list of accredited analytes please do not hesitate to contact us via any of the contact information contained in this report. All of our certifications can be viewed at http://greenanalytical.com/certifications/

Green Analytical Laboratories is NELAP accredited through the Texas Commission on Environmental Quality. Accreditation applies to drinking water and non-potable water matrices for trace metals and a variety of inorganic parameters. Green Analytical Laboratories is also accredited through the Colorado Department of Public Health and Environment and EPA region 8 for trace metals, Cyanide, Fluoride, Nitrate, and Nitrite in drinking water.

Our affiliate laboratory, Cardinal Laboratories, is also NELAP accredited through the Texas Commission on Environmental Quality for a variety of organic constituents in drinking water, non-potable water and solid matrices. Cardinal is also accredited for regulated VOCs, TTHM, and HAA-5 in drinking water through the Colorado Department of Public Health and Environment and EPA region 8.



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Laboratories		www.GreenAnalytical.com
Hilcorp	Project: Braden Head	
382 Road 3100	Project Name / Number: South	Reported:
Aztec NM, 87410	Project Manager: David Bounds	09/16/20 07:25

## ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	Notes

Albright 18A - Bradenhead

2009100-03

Water

09/08/20 13:00 09/09/20 12:00

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Debbie Zufelt, Reports Manager

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## Albright 18A - Bradenhead

2009100-03 (Produced Water)										
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst	
General Chemistry										
Chloride*	170	250	22.1	mg/L	250	09/11/20 21:11	EPA300.0		AES	
pH*	12.3			pH Units	1	09/10/20 14:30	EPA150.1	H3	VJW	
Total Dissolved Solids*	18400	40.0		mg/L	4	09/10/20 10:51	EPA160.1		VJW	
Sulfate*	11500	250	38.1	mg/L	250	09/11/20 21:11	EPA300.0		AES	

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Not Reported

NR

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Aztec NN	И, 87410	Project Manager: David Bounds	09/16/20 07:25
Н3	Initial analysis performed within past hold time specified by methe	<b>Notes and Definitions</b> hold-time but not reportable due to QC failure or other issue. Sample was sul od.	bsequently re-analyzed
DET	Analyte DETECTED		
ND	Analyte NOT DETECTED at or above	ve the reporting limit	

dry	Sample results reported on a dry weight basis
	*Results reported on as received basis unless designated as dry.
RPD	Relative Percent Difference
LCS	Laboratory Control Sample (Blank Spike)
RL	Report Limit
MDL	Method Detection Limit

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Client: Hilcorp Address: 9A CR# 5793, Farmingt	Asset	37401	South	P	none	# 5	05-4	19-3	410	C	onta	ct Da	vid F	Sour	nde
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			, CO 8130		G		lork (	Juda					REC	UR	D
Laboratories	1	Phone:97	0-247-422	20	P	AL W D#	UIK	Jide	ſ#	20	009	-10	0		
		FAX: 970	0-247-422	27		oject	Nam	10.							
Sample Location		1410													
1,3 v on'		(1)Bump	erSpring,	(2)Cor	npress	sorDisc	harge	, (3)FI	owline	, (4)M	eter,	(5)Oil 7	Tank	-	
0,2 12			(1)BumperSpring, (2)CompressorDischarge, (3)Flowline, (4)Meter, (5)Oil Tank (6)PigLauncher, (7)PigReceiver, (8)Pipeline, (9)Pit Tank, (10)PostFilter, (11)PreFilter (12)SeparatorInlet, (13)SeparatorOutlet, (14)SeparatorDump, (15)SWDInlet (16)SWDOutlet, (17)TrapeterPure												
V		(21)Othe	Outlet, (1 r	, i lai	SIEIFL	ump, (1	8)Valv	veCan	, (19)\	Nater <sup>*</sup>	Tank,	(20)W	ellhead	ł	
Sample Type			g, (2)CO2( Tube (8)E	GasTu	ne (3)	Coupo	P (4)	A1		Magdaningara	-			a particular and a second	
		(7)02Gas	Tube, (8)F	pipeSe	ction	(9)Resi	in, (4)	Vater,	(5)H2	SGas	Tube	, (6)Me	tals		
						(0)1(03)	uual, (	10)510	lage, (	11)So	lid, (1)	2)Tubir	ng, (13)	Other	-
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