

## dzufelt@greenanalytical.com p: 970.247.4220 f: 970.247.4227 75 Suttle Street Durango, CO 81303

Laboratories							www.Gre	eenAnalytical	.com
Hilcorp			Project: Brac						
382 Road 3100	Proje		umber: Asse					Reporte	
Aztec NM, 87410		Project Ma	anager: Bill	Eaves				08/09/19 1	6:12
	SJ		<mark>A API 300</mark> Area 14 7282-01 (W	)392372600 Vater)	00				
Analyte	Result	RL	MDL	Units	Dilution	Analyzed	Method	Notes	Analyst
General Chemistry									
Chloride*	6.53	10.0	1.03	mg/L	10	08/08/19	EPA300.0		AES
H*	11.4			pH Units	1	07/30/19	EPA150.1	H4	CAB
fotal Dissolved Solids*	905	10.0		mg/L	1	07/31/19	EPA160.1		VJL
Sulfate*	64.9	10.0	2.13	mg/L	10	08/08/19	EPA300.0		AES

Green Analytical Laboratories

Seldie Zufett

Debbie Zufelt, Reports Manager

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Hilcorp			
382 Road	1 3100	Project Name / Number: Asset: East	Reported:
Aztec NI	м, 87410	Project Manager: Bill Eaves	08/09/19 16:12
		Notes and Definitions	
H4	pH analysis perfomed more than	48 hours after sampling.	
DET	Analyte DETECTED		
ND	Analyte NOT DETECTED at or abo	ve the reporting limit	
NR	Not Reported		
dry	Sample results reported on a dry wei	-	
	*Results reported on as received bas	is unless designated as dry.	
RPD	Relative Percent Difference		
LCS	Laboratory Control Sample (Blank S	pike)	
RL	Report Limit		

MDL Method Detection Limit

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ellie Zufett

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Client: Hilcorp		Asset;	East	Phone#	50	5-860-5425	Contact Bill Eaves		
ddress: 382 CR# 3100, Az		ec NM 87410	)	E-Mail Addre					
A			uttle Street				STODY RECORD		
		Durango,	CO 81303			rk Order # / 4	167-282		
Analyti			0-247-4220						
		FAX: 970	0-247-4227	Pro	ect N	lame:			
NOI C	Sample L		6)PigLaunch 12)Separato	er, (7)PigReceive rInlet, (13)Separa	r, (8)Pi torOuti	ipeline, (9)Pit Tar let, (14)Separator	ie, (4)Meter, (5)Oil Tank ik, (10)PostFilter, (11)PreFilter Dump, (15)SWDinlet i)WaterTank, (20)Wellhead		
	Sampl						H2SGasTube, (6)Metals , (11)Solid, (12)Tubing, (13)Other		

	Colle	ection						Pres	serva	ative	An	alys	es F	Requ	Jired	
Well Name (Sample Name)	PSI	Temp	Area	Date	Time	Collected By: (Init.)	Sample Location	Sample Type	No. of Containers	Filtered: Y / N	Unpreserved	Other:	iron and Manganese	Phosphate	Full Water API	Braden Head
SJ 27-4 121A API 30039237260000			14	7/26/2019		mso	20			N	N					xx
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Relinquished by:	Dat	e:	Tin	ne:	Rece	ived E	. /	<u>)</u>			Date	:		Time	L:	

12:05 7-26-5 Auto (Par 7/29/19 1/055) Vanyano Express 07/30/19 0837 4557/29/19 1455 07/30/19 0839 ancacoo Txphe 55 Jenna uz

4.7/4.5°C #1 or Page 5 of 5 1907282 GAL\_no QC FINAL 08 09 19 1612 08/09/19 16:12:33 motor



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07/26/19 13:05

382 Road 3100 Aztec NM, 87410	Project Name / Number: Ass Project Manager: Bill			ported: 0/19 16:12
	ANALYTICAL REPORT F	OR SAMPLES		

1907282-01

SJ 27-4 121A API 30039237260000

Water

07/26/19 00:00

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Debbie Zufelt, Reports Manager

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

09 August 2019

Bill Eaves Hilcorp 382 Road 3100 Aztec, NM 87410 RE: Braden Head

Enclosed are the results of analyses for samples received by the laboratory on 07/26/19 13:05. If you need any further assistance, please feel free to contact me.

Sincerely,

Deblie Zufett

Debbie Zufelt Reports Manager

NMOCD Sep 0 5 2019 District III

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.