Report to: Sabre Beebe







5796 U.S. Hwy 64 Farmington, NM 87401

Phone: (505) 632-1881 Envirotech-inc.com





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Practical Solutions for a Better Tomorrow

Analytical Report

SIMCOE LLC

Project Name: SJS Bradenhead

Work Order: E108052

Job Number: 20095-0001

Received: 8/16/2021

Revision: 1

Report Reviewed By:

Walter Hinchman Laboratory Director 8/24/21

Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.

Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.

Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.

Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.

Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.

Date Reported: 8/24/21

Sabre Beebe

1199 Main Ave. Suite 242 Durango, CO 81301

Project Name: SJS Bradenhead

Workorder: E108052

Date Received: 8/16/2021 3:14:00PM

Sabre Beebe,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 8/16/2021 3:14:00PM, under the Project Name: SJS Bradenhead.

The analytical test results summarized in this report with the Project Name: SJS Bradenhead apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues reguarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman

Laboratory Director Office: 505-632-1881

Cell: 775-287-1762

whinchman@envirotech-inc.com

Raina Schwanz

Laboratory Administrator Office: 505-632-1881

rainaschwanz@envirotech-inc.com

Alexa Michaels

Sample Custody Officer Office: 505-632-1881

labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area Lynn Jarboe

Technical Representative/Client Services

Office: 505-421-LABS(5227)

Cell: 505-320-4759

ljarboe@envirotech-inc.com

West Texas Midland/Odessa Area Tom Brown

Technical Representative Cell: 832-444-7704

tbrown@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

Γ	SIMCOE LLC	Project Name:	SJS Bradenhead	Donoutoda
١	1199 Main Ave. Suite 242	Project Number:	20095-0001	Reported:
l	Durango CO, 81301	Project Manager:	Sabre Beebe	08/24/21 13:32

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
Russell 001E Bradenhead 30-045-25964	E108052-01A	Aqueous	08/16/21	08/16/21	Poly 500mL

Sample Data

SIMCOE LLC	Project Name:	SJS Bradenhead	
1199 Main Ave. Suite 242	Project Number:	20095-0001	Reported:
Durango CO, 81301	Project Manager:	Sabre Beebe	8/24/2021 1:32:57PM

$Russell\ 001E\ Bradenhead\ 30\text{-}045\text{-}25964$

E108052-01

	•	2100032-01				
Analyte	Result	Reporting Limit	Dilution	Prepared	Analyzed	Notes
Wet Chem/Gravimetric by SM2540C	mg/L	mg/L	Analys	st: RAS		Batch: 2134029
Total Dissolved Solids	3890	25.0	1	08/21/21	08/23/21	Batem 215 (02)
Wet Chemistry by 9040C/4500H+B	pH Units	pH Units	Analys	st: RAS		Batch: 2134014
рН @25°С	9.44	•	1	08/18/21 10:00	08/18/21 11:56	Н5
Wet Chemistry by SM2320B	mg/L	mg/L	Analys	st: JL		Batch: 2135003
Total Alkalinity (as CaCO3 at pH 4.5)	28.0	10.0	1	08/23/21	08/23/21	
Wet Chemistry by 9050A/2510B	uS/cm	uS/cm	Analyst: RAS			Batch: 2135008
Specific Conductance (@ 25 C)	5310	10.0	1	08/23/21	08/24/21	
Dissolved Metals by EPA 6010C	mg/L	mg/L	Analyst: AC			Batch: 2135001
Calcium	93.9	20.0	20	08/22/21	08/23/21	
Iron	ND	20.0	10	08/22/21	08/23/21	
Magnesium	ND	10.0	10	08/22/21	08/23/21	
Potassium	ND	10.0	10	08/22/21	08/23/21	
Sodium	1250	40.0	20	08/22/21	08/23/21	
Sodium Absorption Ratio	30.6		1	08/24/21	08/24/21	
Anions by EPA 300.0/9056A	mg/L	mg/L	Analys	st: RAS		Batch: 2134013
Fluoride	ND	12.5	50	08/17/21	08/17/21	
Chloride	ND	100	50	08/17/21	08/17/21	
Nitrite-N	ND	12.5	50	08/17/21 09:55	08/17/21 15:16	
Nitrate-N	ND	12.5	50	08/17/21 09:55	08/17/21 15:16	
o-Phosphate-P	ND	12.5	50	08/17/21 09:55	08/17/21 15:16	
Sulfate	5390	100	50	08/17/21	08/17/21	

QC Summary Data

SIMCOE LLC 1199 Main Ave. Suite 242	Project Name: Project Number:	SJS Bradenhead 20095-0001	Reported:
Durango CO, 81301	Project Manager:	Sabre Beebe	8/24/2021 1:32:57PM

Durango CO, 81301		1 Toject Wianage	i. 5a	ore becoe				07	24/2021 1.32.371 WI	
Wet Chem/Gravimetric by SM2540C Analyst: RAS										
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit		
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	Notes	
Blank (2134029-BLK1)	Blank (2134029-BLK1) Prepared: 08/20/21 Analyzed: 08/23/21									
Total Dissolved Solids	ND	10.0								
LCS (2134029-BS1)						Pre	pared: 08/2	20/21 Analy	zed: 08/23/21	
Total Dissolved Solids	90.0	10.0	100		90.0	55-134				
Duplicate (2134029-DUP1)				Sour	rce: E108	053-01 Pre	pared: 08/2	20/21 Analy	zed: 08/24/21	
Total Dissolved Solids	57800	10.0		57100			1.18	5		



QC Summary Data

SIMCOE LLC 1199 Main Ave. Suite 242	Project Name: Project Number:	SJS Bradenhead 20095-0001	Reported:
Durango CO, 81301	Project Manager:	Sabre Beebe	8/24/2021 1:32:57PM

Wet Chemistry b	by 9040C/4500H+B
-----------------	------------------

Analyst: RAS

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	pH Units	pH Units	pH Units	pH Units	%	%	%	%	Notes

LCS (2134014-BS1)			Prepared: 08/18/21 Analyzed: 08/18/21
рН	8.00	8.00	100 98.75-101.25
Duplicate (2134014-DUP1)		Source	e: E108050-01 Prepared: 08/18/21 Analyzed: 08/18/21
***	(3((2)	0.00



QC Summary Data

SIMCOE LLC 1199 Main Ave. Suite 242	Project Name: Project Number:	SJS Bradenhead 20095-0001	Reported:
Durango CO, 81301	Project Manager:	Sabre Beebe	8/24/2021 1:32:57PM

Wet	Che	mistry	bv	SM	123	32	0B

Analyst: JL

Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	Notes

LCS (2135003-BS1)				Prepared: 08/23/21 Analyzed: 08/23/21
Total Alkalinity (as CaCO3 at pH 4.5)	266	10.0	250	106 70-130
Duplicate (2135003-DUP1)				Source: E108055-01 Prepared: 08/23/21 Analyzed: 08/23/21
Total Alkalinity (as CaCO3 at pH 4.5)	1780	10.0		1770 0.562 20



Specific Conductance (@ 25 C)

QC Summary Data

SIMCOE LLC 1199 Main Ave. Suite 242	Project Name: Project Number:	SJS Bradenhead 20095-0001	Reported:
Durango CO, 81301	Project Manager:	Sabre Beebe	8/24/2021 1:32:57PM

		Wet Che	Analyst: RAS						
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	uS/cm	uS/cm	uS/cm	uS/cm	%	%	%	%	Notes
Blank (2135008-BLK1)						Pre	pared: 08/2	23/21 Analyze	ed: 08/24/21
Specific Conductance (@ 25 C)	ND	10.0							
LCS (2135008-BS1)						Pre	pared: 08/2	23/21 Analyze	ed: 08/24/21
Specific Conductance (@ 25 C)	1420	10.0	1410		101	98-102			
Duplicate (2135008-DUP1)				Sou	rce: E108	047-01 Pre	pared: 08/2	23/21 Analyze	ed: 08/24/21

10.0

68.0

3.04



Sodium

QC Summary Data

SIMCOE LLC	Project Name:	SJS Bradenhead	Reported:
1199 Main Ave. Suite 242	Project Number:	20095-0001	
Durango CO, 81301	Project Manager:	Sabre Beebe	8/24/2021 1:32:57PM

Durango CO, 81301		Project Manager	r: Sa	bre Beebe				8	8/24/2021 1:32:57PM
		Dissolved	l Metals b	y EPA 601	0C				Analyst: AC
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	Notes
Blank (2135001-BLK1)						Pre	pared: 08/2	22/21 Anal	yzed: 08/22/21
Calcium	ND	1.00							
Iron	ND	2.00							
Magnesium	ND	1.00							
Potassium	ND	1.00							
Sodium	ND	2.00							
LCS (2135001-BS1)						Pre	pared: 08/2	22/21 Anal	yzed: 08/22/21
Calcium	50.1	1.00	50.0		100	80-120			
fron	100	2.00	100		100	80-120			
Magnesium	49.3	1.00	50.0		98.7	80-120			
Potassium	5.29	1.00	5.00		106	80-120			
Sodium	17.9	2.00	20.0		89.6	80-120			
LCS Dup (2135001-BSD1)						Pre	pared: 08/2	22/21 Anal	yzed: 08/22/21
Calcium	47.8	1.00	50.0		95.7	80-120	4.69	20	
Iron	95.5	2.00	100		95.5	80-120	4.67	20	
Magnesium	48.8	1.00	50.0		97.6	80-120	1.12	20	
Potassium	5.22	1.00	5.00		104	80-120	1.45	20	

20.0

88.2

80-120

1.57

2.00



QC Summary Data

SIMCOE LLC 1199 Main Ave. Suite 242 Durango CO, 81301		Project Name: Project Number: Project Manager:	2	JS Bradenhead 0095-0001 abre Beebe				8/2	Reported: 4/2021 1:32:57PM
		Anions 1	by EPA	300.0/9056A					Analyst: RAS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/L	mg/L	mg/L	mg/L	%	%	%	%	Notes
Blank (2134013-BLK1)						Pre	pared: 08/1	7/21 Analyz	ed: 08/17/21
luoride	ND	0.250							
Chloride	ND	2.00							
Nitrite-N	ND	0.250							
Nitrate-N	ND	0.250							
p-Phosphate-P	ND	0.250							
Sulfate	ND	2.00							
LCS (2134013-BS1)						Pre	pared: 08/1	7/21 Analyz	ed: 08/17/21
luoride	2.65	0.250	2.50		106	90-110			
Chloride	25.5	2.00	25.0		102	90-110			
Nitrite-N	2.61	0.250	2.50		104	90-110			
Nitrate-N	2.67	0.250	2.50		107	90-110			
p-Phosphate-P	12.6	0.250	12.5		101	90-110			
Sulfate	25.3	2.00	25.0		101	90-110			
Matrix Spike (2134013-MS1)				Source	ce: E108	050-01 Pre	pared: 08/1	7/21 Analyz	ed: 08/17/21
luoride	4.14	0.250	2.50	ND	166	80-120			M2
Chloride	45.2	2.00	25.0	5.47	159	80-120			M2
Nitrite-N	0.657	0.250	2.50	ND	26.3	80-120			M2
Jitrate-N	4.20	0.250	2.50	ND	168	80-120			M2
Nitrate-in	4.20	0.230							1412
p-Phosphate-P	13.9	0.250	12.5	ND	111	80-120			WIZ

2.50

25.0

2.50

2.50

12.5

25.0

ND

5.47

ND

ND

ND

ND

163

156

27.4

166

106

166

QC Summary Report Comment:

Matrix Spike Dup (2134013-MSD1)

4.08

44.5

0.684

4.14

13.2

41.5

0.250

2.00

0.250

0.250

0.250

2.00

Fluoride

Chloride

Nitrite-N

Nitrate-N

Sulfate

o-Phosphate-P

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Source: E108050-01 Prepared: 08/17/21 Analyzed: 08/17/21

1.43

1.61

4.03

1.58

4.82

1.90

20

20

20

20

M2

M2

M2

M2

80-120

80-120

80-120

80-120

80-120

80-120

Definitions and Notes

ſ	SIMCOE LLC	Project Name:	SJS Bradenhead	
ı	1199 Main Ave. Suite 242	Project Number:	20095-0001	Reported:
l	Durango CO, 81301	Project Manager:	Sabre Beebe	08/24/21 13:32

H5 pH is specified to be performed in the field within 15 minutes of sampling. The sample was performed as quickly as possible.

M2 Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



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1/8/2021 3:16:
1/8/2021 3:16:28
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1/8/2021 3:16:28 P
1/8/2021 3:16:28 PA
1/8/2021 3:16:28 PA
1/8/2021 3:16:28 P
1/8/2021 3:16:28 PA
1/8/2021 3:16:28 PA

Project Information

Chain of Custody

 Page	l of (
		_
 EPA P	rngra	m

Client:	Dimcoe.	uc	-2	1		Bill To	-				La	b Us	e On	У				TA	ΛT	EPA P	rogram
Project:	1553 Bi	oder	pheac	<u>/</u>		ention Sabre Beck	20	-		WO#			Job N			1D	2D	3D	Standard	CWA	SDWA
Project N	Manager: 50 1099 Ma	bre s	10 6	181		dress:		_	E 1	080	20				1000	<u> </u>					
City Stat	te, Zip Du	WI COL	10 9	1201	The second second	y, State, Zip one:		1				_	Analy	sis ai	nd Riethod	d T	-	т т			RCRA
Phone:	170-769.	05/2	000		- CONTROL -	ail:		1-	N.	ا _د					20			1		State	
Email:	abre bez	bea	וממנטואו	Proud	E 19	1-10 1-00 h00 14010	manon	Aem	801	801	_			0	1			1 1	NM CO	UT AZ	TVI
Report o	lue by:		INCHE CAL	777	~ 50	bre.beebl@ 1kowe	regg		O by	yd C	8021	3260	010	300	\$				IVIVI CO	OT AZ	17
Time Sampled	Date Sampled	Matrix	No. of Containers	Sample ID)			Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	1					Remarks	
Sampled			Containers			2001	385	Number	P	9	TB	>	ž	ಕ	0						
2:15	8/14/21	HaD	l	RUSO	W OOLE	Brodenhead o	35964	1							X						
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Addition	nal Instruction	ns:					189		6												
I, (field sam	pler), attest to the	validity and	authenticity	of this samp	le. I am aware tha	t tampering with or intentionally misl	labelling the	sample lo	cation	6			Samples	requi	ring thermal p	reserva	tion mu	st be rec	eived on ice the day t	hey are sample	d or received
	e of collection is co					Sampled by:				ž									°C on subsequent da		
Relimeuish	ed by: (Signatur	10	Date	16/21	Time 2:14 01	Received by: (Signature)		ate 8116h		Time	:14		Paga	ivod	on loos	L	ab U	e Onl	Y		
Relinfolished by: (Signature) Date Time Received by: (Signature)							ate	•	Time			Received on ice: Y/N $T1 27.0 T2 26.6 T3 26.6$									
Relinquish	ed by: (Signatur	e)	Date		Time	Received by: (Signature)	D	ate		Time									13		
	Production (V)			to order there		3							AVG	Tem	p°c 21	0.1					
	rix: S - Soil, Sd - So														ag - ambe						
samples is	annlicable only	ea 30 days to those sa	moles rece	s are report ived by the	ed unless other	arrangements are made. Hazard this COC. The liability of the labora	ious sampl	es will be	returi	ned to	client	ordi	sposed	of a	t the client	expe	nse.	The rep	ort for the analy	sis of the al	oove



envirotech Inc.

Envirotech Analytical Laboratory

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

Client:	SIMCOE LLC	Date Received:	08/16/21	15:14	Work Order ID:	E108052
Phone:	(970) 828-4060	Date Logged In:	08/16/21	16:55	Logged In By:	Raina Schwanz
Email:	sabre.beebe@ikavenergy.com	Due Date:	08/23/21	17:00 (5 day TAT)		
Chain of	Custody (COC)					
	ne sample ID match the COC?		Yes			
	ne number of samples per sampling site location ma	tch the COC	Yes			
	amples dropped off by client or carrier?		Yes	Carrier: Sabre Beebe		
4. Was the	e COC complete, i.e., signatures, dates/times, reque	sted analyses?	Yes			
5. Were al	Il samples received within holding time? Note: Analysis, such as pH which should be conducted i i.e, 15 minute hold time, are not included in this disucssi		Yes		<u>Comment</u>	ts/Resolution
Sample T	<u>urn Around Time (TAT)</u>					
6. Did the	COC indicate standard TAT, or Expedited TAT?		Yes			
Sample C	<u>Cooler</u>					
7. Was a s	sample cooler received?		No			
8. If yes,	was cooler received in good condition?		NA			
9. Was the	e sample(s) received intact, i.e., not broken?		Yes			
	custody/security seals present?		No			
	were custody/security seals intact?					
• •	•		NA			
	e sample received on ice? If yes, the recorded temp is 4°C Note: Thermal preservation is not required, if samples as minutes of sampling visible ice, record the temperature. Actual sample	re received w/i 15	No			
		temperature. 20	<u>., r C</u>			
Sample C			NT-			
	queous VOC samples present?		No NA			
	OC samples collected in VOA Vials?					
	head space less than 6-8 mm (pea sized or less)?		NA			
	trip blank (TB) included for VOC analyses?	0	NA			
	on-VOC samples collected in the correct containers		Yes			
	appropriate volume/weight or number of sample contai	ners collected?	Yes			
Field Lab		.•				
	field sample labels filled out with the minimum infample ID?	ormation:	Yes			
	ate/Time Collected?					
	ollectors name?		Yes No			
Sample P	reservation_		110			
_	the COC or field labels indicate the samples were p	reserved?	No			
	ample(s) correctly preserved?		NA			
	filteration required and/or requested for dissolved r	netals?	Yes			
	se Sample Matrix					
	the sample have more than one phase, i.e., multipha	ise?	No			
	, does the COC specify which phase(s) is to be anal		NA			
		yzea.	INA			
	act Laboratory					
	amples required to get sent to a subcontract laborato	•	No	0.1		
29. was a	subcontract laboratory specified by the client and i	i so wno?	NA	Subcontract Lab: NA		
Client In	<u>istruction</u>					

Date

Signature of client authorizing changes to the COC or sample disposition.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

COMMENTS

Action 45791

COMMENTS

Operator:	OGRID:
SIMCOE LLC	329736
1199 Main Ave., Suite 101	Action Number:
Durango, CO 81301	45791
	Action Type:
	[UF-GA] Gas Analysis (GAS ANALYSIS)

COMMENTS

Created By	Comment	Comment Date	
mkuehling	tds 3890	10/12/2021	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720

District III 1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 45791

CONDITIONS

Operator:	OGRID:
SIMCOE LLC	329736
1199 Main Ave., Suite 101	Action Number:
Durango, CO 81301	45791
	Action Type:
	[UF-GA] Gas Analysis (GAS ANALYSIS)

CONDITIONS

Created By	Condition	Condition Date	
mkuehling	None	10/12/2021	