

### SOUTH BOYD FEDERAL COM BATTERY CLOSURE REPORT

API NO. 30-015-44686 RELEASE DATE: 11/26/2019 INCIDENT NO. NRH2003450480 U/L B, SECTION 34, TOWNSHIP 19S, RANGE 25E EDDY COUNTY, NEW MEXICO

**PREPARED BY:** 



Released to Imaging: 7/21/2021 10:46:59 AM

February 16, 2021

State of New Mexico Energy Minerals and Natural Resources Department Oil Conservation Division – District II C/O Mike Bratcher, Robert Hamlet, Cristina Eads 811 S. First Street Artesia, NM 88210

Bureau of Land Management C/O Jim Amos 620 E. Green Street Carlsbad, NM 88220

Spur Energy Partners C/O Braidy Moulder 919 Milam Street Suite 2475 Houston, TX 77002

RE: South Boyd Federal Com Battery Date of Release: 11/26/2019 API No. 30-015-44686 U/L B, Section 34, Township 19S, Range 25E

To Whom it May Concern:

Spur Energy Partners has retained ESS (Energy Staffing Services) Environmental & Regulatory Division to conduct and address the spill assessment and remediation for the produce water release that occurred at the South Boyd Federal Com Battery (hereafter referred to as "South Boyd"). Hungry Horse provided the notification of the spill to the New Mexico Oil Conservation Division (NMOCD) District 2 and the Bureau of Land Management (BLM), who owns the land, via submission of the initial C141 Release Notification on December 26, 2019. The NMOCD tracking number assigned to this incident is NRM2003450480.

This letter provides a description of the spill assessment and remediation activities, and demonstrates that closure criteria established in 19.15.29.12 *New Mexico Administrative Code (NMAC; New Mexico Oil Conservation Division, 2018),* have been met and all applicable regulations have been followed. This document is intended to serve as a final report to obtain approval from the NMOCD for closure of this release.

### **Incident Description**

On November 26, 2019 a release occurred at the Spur Energy Partners South Boyd site when a 4" check valve on the manifold for the water transfer pump discharge side, developed a hole due to corrosion. It was observed that approximately 10 barrels (bbls) of produced water was released inside the unlined containment. The leak was repaired and a vacuum truck was dispatched out to recover standing fluids. Approximately 3bbls of produced water was recovered. Immediately following the recovery of the standing fluid, the saturated soil was hand excavated and put on plastic. Although the release that occurred on November 26, 2019 was contained within the boundaries of the engineered pad. No produced water was released into any undisturbed areas or waterways.

### Site Characterization

The release at the South Boyd, occurred on federally-owned land, N32.623058, W-104.468394, approximately five miles from Brantley Lake in between Carlsbad and Artesia, New Mexico. The legal description of the site is Unit Letter B, Section 34, Township 19S and Range 25E in Eddy County, New Mexico. This location is within the Permian Basin and has historically been used for oil and gas exploration and production, and rangeland. An aerial photograph and site schematic are included.

The South Boyd complex consists of oil and gas operating equipment, a tank battery and a nearby oil and gas exploration and production well. This well is the closest well to the release and is known as the South Boyd Federal Com #019H, which is the API No. associated with this release. The following sections precisely describe the release area inside the facility area as well as an incidental release on the southeastern corner of the pad as well as the small area in the pasture.

The surrounding landscape is associated with the Reagan-Upton Association, with 0 to 9 percent slopes. Typical elevations average around 3515 feet. The attached soil map and data is attached herein.

There is no surface water located on-site. The nearest significant watercourse, as defined in Subsection P of 19.15.17.7 NMAC is the Brantley Lake which is located approximately 5 miles from the site in question. There are no continuously flowing watercourses, lakebeds, sinkholes, playa lakes, or other critical water or community features at the South Boyd, as outlined in Paragraph (4) of Subsection C of 19.15.29.12 NMAC.

This site has a "high potential" for Karst Geology to be present near the South Boyd site according to the *United States Department of the Interior, Bureau of Land Management*. Please find the karst map attached herein.

The nearest recent groundwater well according to the *New Mexico Office of the State Engineer* is RA 03018 which is located 992' from the site and does not indicate a water depth. Upon researching the OSE Database (map included); RA 03018 sits just outside the ½ mile requirement. Please find the attached groundwater data and mapping attached.

#### **Closure Criteria Determination**

Using the Table I, Closure Criteria for Soils impacted by a Release dated 8/14/2018, this site falls under the site ranking of <50'bgs. Please see the below chart for the sampling criteria for this site.

DGW	Constituent	Method	Limit
≤ 50'	Chloride	EPA 300.0 OR SM4500 CLB	600 mg/kg
	TPH (GRO + DRO + MRO)	EPA SW-846 METHOD 8015M	100 mg/kg
	GRO + DRO	EPA SW-846 METHOD 8015M	50 mg/kg
	BTEX	EPA SW-846 METHOD 8021B OR 8260B	10 mg/kg
	Benzene	EPA SW-846 METHOD 8021B OR 8260B	10 mg/kg

#### Soil Sampling Procedures

Soil sampling for laboratory analysis was conducted according to the NMOCD – approved industry standards. Accepted NMOCD soil sampling procedures and laboratory analytical methods are as follows:

- Collect clean samples in air tight glass jars supplied by the laboratory to conduct the analysis
- Each sample jar was labelled with site and sample information
- Samples were kept in and stored in a cool place and packed on ice
- Promptly ship samples to the lab for analysis following the COC (chain of custody) procedures

The following lab analysis method was used for each bottom hole and sidewall samples submitted to Envirotech Analytical Laboratory:

Volatile Organics by EPA 8021B

• Benzene, Toluene, Ethylbenzene, p.m. Xylene, o-Xylene and Total Xylenes Nonhalogenated Organics by EPA 8015

• Gasoline Range Organics (C6-C10) Nonhalogenated Organics by EPH 8015D – DRO/GRO

- Diesel Range Organics (C10-C28)
- Oil Range Organics (C28-C40)
- Anions by EPA 300.0/9056A
  - Chloride

### **Delineation and Remedial Activities**

Hungry Horse, LLC conducted the delineation and remediation of the South Boyd reportable incident. On November 26, 2019 Hungry Horse was notified of the release and a site assessment was completed. In December of 2019, Hungry Horse, LLC began to delineate the site. The site was delineated by use of hand auger and was field tested in 2' intervals.

Crews began to vertically delineate the site and the samples confirmed with laboratory analysis on the delineation sampling procedure were well below the closure criteria for SP1 thru SP5. SP6 did not reach standard until 6' and SP7 at 8'bgs. SP8 showed chloride concentrations at the surface but cleaned up at 2'bgs. SP9 showed no detection of any concentrations. SP10 and SP11 only showed impact for chlorides at the surface but cleaned up at 2'bgs. Horizontal samples were then placed around the stained area and fully delineated. SW1 thru SW10 showed field testing levels to below the requirements for this site and samples were all submitted at 2'bgs and confirmed with lab analysis. SW11 showed elevated levels of BTEX and TPH.

Another incidental release occurred while delineation was in process, this area was just outside the previously delineated area due to a small flowline leak. Therefore, SP12 thru SP14 were added. SP12 was delineated to 4'bgs and showed elevated chlorides and TPH, SP13 and SP14 was delineated to 5'bgs which also showed elevated chlorides and TPH levels. Auger refusal occurred on both the SP12 and SP14. Below you will find the delineation sample data with confirmed lab analysis:

SP1	SURF	240						
SP1	1'	240						
SP1	2'	160	ND	ND	ND	ND	ND	ND
SP2	SURF	320						
SP2	1'	240						
SP2	2'	160	ND	ND	ND	ND	ND	63.3
SP3	SURF	240						
SP3	2'	160						
SP3	4'	160	ND	ND	ND	ND	ND	54.9

SP4	SURF	400						
SP4	2'	560						
SP4	4'	240	ND	ND	ND	ND	ND	368
SP5	SURF	320						
SP5	2'	320						
SP5	4'	320	ND	41.6	ND	ND	41.6	101
SP6	SURF	4320						
SP6	2'	6240						
SP6	4'	480						
SP6	6'	480	ND	28	ND	ND	28	533
607	CUDE	12202						
SP7	SURF	13200						
SP7	2'	6400						
SP7	4'	1680						
SP7	6'	480						
SP7	8'	480	ND	50.3	ND	ND	50.3	306
SP8	SURF	4000						
SP8	2'	320						
SP8	2 4'	400	ND	ND	ND	ND	ND	201
510		-00				ND		201
SP9	SURF	480						
SP9	2'	480						
SP9	4'	480	ND	ND	ND	ND	ND	ND
SP10	SURF	6400						
SP10	2'	480						
SP10	4'	320	ND	ND	ND	ND	ND	404
SP11	SURF	16000		ļ				
SP11	2'	400						
SP11	4'	240	ND	ND	ND	ND	ND	76
SW1	SURF	320		<b> </b>				
SW1	1'	160						
SW1	2'	160	ND	ND	ND	ND	ND	ND

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SW2	SURF	320						
SW2	1'	240						
SW2	2'	240	ND	ND	ND	ND	ND	ND
SW3	SURF	240						
SW3	1'	160						
SW3	2'	160	ND	ND	ND	ND	ND	ND
SW4	SURF	240						
SW4	1'	240						
SW4	2'	160	ND	ND	ND	ND	ND	ND
SW5	SURF	240						
SW5	1'	160						
SW5	2'	160	ND	ND	ND	ND	ND	137
SW6	SURF	240						
SW6	1'	160						
SW6	2'	160	ND	ND	ND	ND	ND	ND
SW7	SURF	320						
SW7	1'	400						
SW7	2'	400	ND	ND	ND	ND	ND	325
	0							
SW8	SURF	560						
SW8	1'	480						
SW8	2'	400	ND	ND	ND	ND	ND	290
SMO	SURF	320						
SW9 SW9	1'	240						
SW9 SW9	1 2'	240 160	ND	ND	ND	ND	ND	30.2
3009	2	100	ND	ND		ND	ND	30.2
SW10	SURF	320						
SW10 SW10	1'	240						
SW10 SW10	2'	160	ND	ND	ND	ND	ND	59
	-	100						55
SW11	SURF	320						
SW11	1'	240						
SW11	2'	240	 0.303	57	ND	ND	57	21

SP12	SURF	26000						
SP12	1'	1600						
SP12	2'	880						
SP12	3'	480						
SP12	4'	480	1.37	751	251	24.8	1026.8	1210
SP13	SURF	7200						
SP13	1'	1680						
SP13	2'	1600						
SP13	3'	1200						
SP13	4'	560						
SP13	5'	480	0.0265	66.1	ND	ND	66.1	450
SP14	SURF	16000						
SP14	1'	2400						
SP14	2'	2000						
SP14	3'	960						
SP14	4'	400						
SP14	5'	400	0.818	336	77.4	ND	413.4	814

June 1<sup>st</sup> of 2020 excavation of the site began. The impacted area of the release was hand excavated by use of hand shovel and a backhoe. 53.77 tons of impacted material was hauled to Lea Land Disposal. Please see manifests attached. Only the area that was added due to a flowline release was excavated by Hungry Horse. Five bottom hole composite samples were obtained along with the five horizontal sample points and were submitted to Envirotech Laboratories. Field sample data was not provided by Hungry Horse. Below you will find the lab confirmed composite data. The sample labeled SWE-N 2' should be SWE-S 2'. Please see the attached closure lab sample data and sample maps.

SP ID	Depth	Titr	PID	L-BTEX	L-DRO	L-ORO	L-GRO	L-TPH	L-CHL
BH1				ND	ND	ND	ND	ND	ND
BH2				ND	ND	ND	ND	ND	ND
BH3				ND	ND	ND	ND	ND	ND
BH4				ND	ND	ND	ND	ND	ND
BH5				ND	ND	ND	ND	ND	ND
SWC-N	SURF			ND	102	ND	ND	102	878

#### COMPOSITE SAMPLE DATA

SWC-N	1'		ND	ND	ND	ND	ND	ND
SWC-E	SURF		0.0631	30.6	ND	ND	30.6	73.7
SWC-W	2'		ND	ND	ND	ND	ND	ND
SWE-W	1'		ND	ND	ND	ND	ND	23.6
SWE-N	2'		ND	ND	ND	ND	ND	ND

#### **Closure Request**

ESS recommends no additional actions are needed to address the release at the South Boyd. Confirmed lab analysis documentation no concern of concentration levels that are above the NMOCD closure criteria for the site. The delineation samples also showed constituent of concern concentrations levels below the strictest closure criteria and are indicative of full horizonal and vertical delineation. There are no anticipated risks to human, ecological or hydrological receptors associated with the release site.

ESS requests that this incident (NRM2003450480) be closed as the remediation and delineation of the site address and closure requirements set forth in Subsection E of 19.15.29.12 NMAC have been met. Spur Energy certifies that all information provided in this report and the attachments are correct, and they have complied with all applicable closure requirements and conditions specified in Division rules and directives to meet the NMOCD requirements to obtain closure for the South Boyd Federal Com Battery dated November 26, 2019.

Should you have any questions or concerns, please do not hesitate to contact the undersigned at 575-390-6397 or <u>natalie@energystaffingllc.com</u>.

Sincerely,

### Natalíe Gladden

Director of Environmental and Regulatory Services Energy Staffing Services, LLC. #7 Compress Rd

Artesia, NM 88210 Cell: 575-390-6397 Email: <u>natalie@energystaffingllc.com</u>



Attachments:

Initial C141 Site Map Initial Site Photos Soil Data and Map Karst Map Groundwater Data Groundwater Map OSE Water Map **Delineation Photos** Delineation Sample Map Sample Data Lab Analysis **Excavation Map** Manifests **Final Photos** Final C141

State of New Mexico Energy Minerals and Natural Resources Department

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Form C-141 Revised August 24, 2018 Submit to appropriate OCD District office

Incident ID	NRH2003450480
District RP	
Facility ID	
Application ID	

### **Release Notification**

### **Responsible Party**

Responsible Party SPUR ENERGY PARTNERS	OGRID 328947 Correct OGRID 328947 RH
Contact Name KENNY KIDD	Contact Telephone 575-616-5400
Contact email kkidd@spurepllc.com	Incident # (assigned by OCD)
Contact mailing address 919 MILAM STREET SUITE 2475 HOUSTON TEXAS 77002	

### **Location of Release Source**

Latitude 32.623058

Longitude -104.468394

(NAD 83 in decimal degrees to 5 decimal places)

Site Name SOUTH BOYD FEDERAL COM BATTERY (CLOSEST WELL SOUTH BOYD FED COM #019H)	Site Type OIL & GAS
Date Release Discovered 11-26-2019	API# <b>30-015-44686</b>

Unit Letter	Section	Township	Range	County	
В	34	198	25E	EDDY	

Surface Owner: State Federal Tribal Private (Name: BOTH MINERAL AND SURFACE\_\_\_\_\_)

### Nature and Volume of Release

Mater	rial(s) Released (Select all that apply and attach calculations or specif	fic justification for the volumes provided below)
Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
Produced Water	Volume Released (bbls) 10BBLS	Volume Recovered (bbls) 3BBLS
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	Yes No
Condensate	Volume Released (bbls)	Volume Recovered (bbls)
Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
(D		

Cause of Release

#### 4" CHECK VALVE ON THE MANIFOLD FOR THE WATER TRANSFER PUMP DISCHARGE SIDE, DEVELOPED A HOLE DUE TO CORROSION. A VACUUM TRUCK WAS DISPATCHED OUT TO RECOVER THE STANDING FLUID AND REPAIRS WERE MADE.

Received/by OCD:15/7/2021941410593AMM

Form C-141	State of New Mexico	Incident ID	
Page 2	Oil Conservation Division	District RP	
		Facility ID	
		Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC?	If YES, for what reason(s) does the responsible party consider this a major release?
🗌 Yes 🖾 No	
If YES, was immediate ne	otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?

### **Initial Response**

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury

 $\square$  The source of the release has been stopped.

 $\boxtimes$  The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

#### THE CHECK VALVE WAS REPLACED ON THE MANIFOLD

Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

Printed Name: NATALIE GLADDEN Title: ENVIRONMENTAL AND REGULATORY

DIRECTOR	~	
Signature:	starie Geladde	Date: 12/200/19
email: NGLADD	EN@HUNGRY-HORSE.COM	Telephone: 575-390-6397

OCD Only

Received by: Robert Hamlet

Date: 2/3/2020



### **SPUR E&P** SOUTH BOYD FEDERAL COM BATTERY

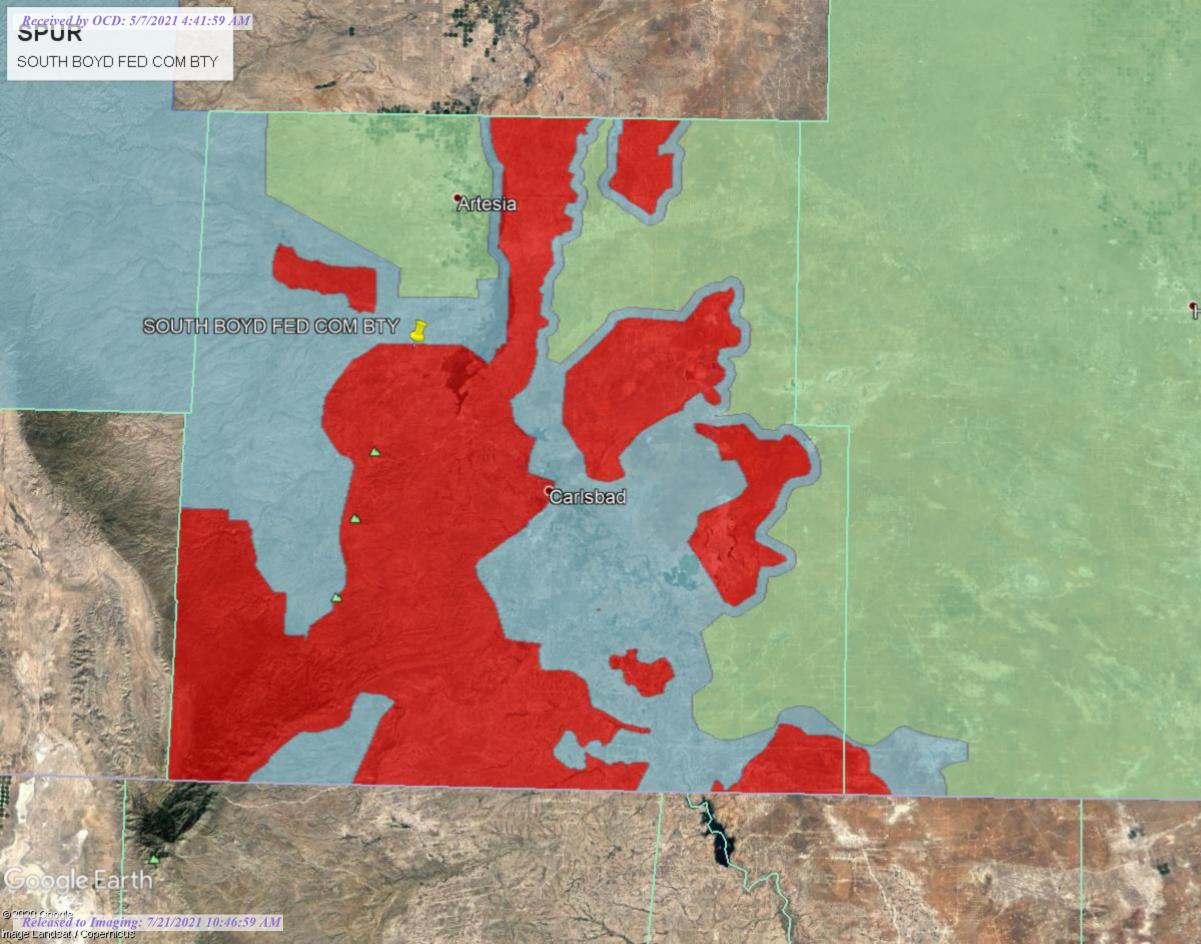












### Legend

- △ Feature 1
- Feature 2
- 🯉 High
- O Low
- SOUTH BOYD FED COM BTY
   SOUTH BOYD FED COM BTY

Page 17 of 188

Hobbs





Well Tag F	POD Number	(quarte (quar <b>Q64</b> (	) (NAD83 UTM in meters) <b>X Y</b>				
F	RA 03304		1	27 199	S 25E	549081 3610973*	9
Driller License	: 62	Driller Co	ompany	: BEAT	ΓY, J.R.		
Driller Name:	BEATTY, J.R.						
Drill Start Date	: 10/13/1954	Drill Finis	sh Date	: 10	/15/1954	Plug Date:	
Log File Date:	11/22/1954	PCW Rcv	Date:			Source:	Shallow
Pump Type:		Pipe Disc	charge \$	Size:	Estimated Yiel	ld:	
Casing Size:	7.00	Depth We	ell:	13	0 feet	Depth Water:	60 feet
Wa	ter Bearing Stratifi	cations:	Тор	Bottom	Descrip	tion	
			90	100	Sandsto	ne/Gravel/Conglome	erate
			103	118	Sandsto	ne/Gravel/Conglome	erate
	Casing Perf	orations:	Тор	Bottom			
			90	118			

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

			(quarters	are 1=	NW 2=	=NE 3=	=SW 4=SE)			
			(quarter	s are si	malles	t to larg	gest)	(NAD83 U	TM in meters)	
Nell Tag	PC	OD Number	Q64 Q1	6 Q4	Sec	Tws	Rng	Х	Y	,
	RA	02909	1	3	22	19S	25E	548864	3611989*	9
Driller Lice	nse:		Driller Com	pany	:					
Driller Nam	e:	A.F. SMITH								
Drill Start D	Date:	06/26/1952	Drill Finish	Date	:	07/0	05/1952	Plug	Date:	
Log File Da	ate:	08/11/1952	PCW Rcv D	ate:				Sou	rce:	Shallow
Pump Type	<b>:</b> :		Pipe Discha	Size:	Esti	mated Yiel	d:			
Casing Size	e:	8.63	Depth Well			188	feet	Dept	th Water:	130 feet

\*UTM location was derived from PLSS - see Help

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

				· ·		NW 2=NE 3 nallest to la		,	3 UTM	in meters)	
Vell Tag	PO	D Numb	ber	Q64 G	Q16 Q4	Sec Tws	s Rng		X	Y	
	RA	08986		1	3 3	22 19S	25E	5488	25 3	611507	9
Driller Licens	se:	421	Dril	ler Co	mpany:	GLENN	N'S WAT	FER WE	LL SE	RVICE	
Driller Name:	:	GLENN	'S WATER WE	LL SE	RVICE						
Drill Start Dat	te:	05/15/1	995 <b>Dril</b>	l Finis	h Date:	05/	/15/1995	5 P	lug D	ate:	
Log File Date	<b>:</b> :	05/17/1	995 <b>PC</b>	N Rcv	Date:			S	ource	:	Shallow
Pump Type:			Pipe	e Disc	harge S	Size:		Е	stima	ted Yiel	d:
Casing Size:			Dep	oth We	II:	320	) feet	D	epth	Water:	220 feet
М	eter	Numbe	<b>r:</b> 4314			Meter M	ake:	ł	HALLI	BURTON	N
Μ	eter	Serial N	lumber: 2ST2	3206		Meter M	ultiplie	<b>r: 1</b>	1.0000	)	
N	umb	er of Di	<b>als:</b> 6			Meter T	ype:	Γ	Divers	ion	
U	nit o	f Measu	ire: Barre	ls 42 g	jal.	Return I	Flow Pe	ercent:			
U	sage	e Multip				Reading	g Frequ	•	Quarte Expec		Reading
Meter Rea	ading	gs (in Ad									
Read Da	ate	Year	Mtr Reading	Flag	Rdr	Comme	nt			Mtr	Amount
01/01/20	001	2000	160500	А	PRT						0
03/01/20	001	2000	180000	А	RPT						2.513
12/31/20	001	2001	180960	А	RPT						0.124
04/01/20	002	2002	180960	А	RPT						0
06/30/20	002	2002	180960	А	RPT						0
09/30/20	002	2002	180960	А	RPT						0
04/01/20	003	2003	180960	А	RPT						0
08/15/20	003	2003	180960	А	tw						0
09/30/20	003	2003	180960	А	tw						0
12/31/20	003	2003	180960	А	tw						0
07/01/20	004	2004	180960	А	sj						0
10/01/20	004	2004	180960	А	sj						0
12/31/20	004	2004	180960	А	sj						0
09/30/20	005	2005	180960	А	RPT						0
**YTD N	/lete	r Amoui	nts: Year	ł	Amount	:					
			2000		2.513	i					
			2001		0.124						
			2002		0	)					
			2003		0	1					

**YTD Meter Amounts:	Year	A	mount				
	2004		0				
	2005		0				
Meter Number:	8259	)		Meter Make:	HALIBURTON		
Meter Serial Num	ber: 2 ST	23206		Meter Multiplier:	1.0000		
Number of Dials:	6			Meter Type:	Diversion		
Unit of Measure:	Barr	els 42 ga	d.	<b>Return Flow Percent</b>	:		
Usage Multiplier:	0.00			Reading Frequency:	Quarterly (No Reading Expected)		
Meter Readings (in Acre-	Feet)						
Read Date Year Mt	r Reading	g Flag	Rdr	Comment	Mtr Amount		
10/01/2004 2004	180960	) A	sj		0		
**YTD Meter Amounts:	Year	A	mount				
	2004		0				

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

			(quart) (qua	rters a		(NAD83 UTM in meters)				
Well Tag	PC	DD Number	Q64	Q16	Х	Y				
	RA	A 03018	3	2	4	34	19S	25E	549987	3608639* 🍯
Driller Lice	nse:	46	Driller Co	omp	any	: AE	вот	T BROT	THERS CO	OMPANY
Driller Nam	e:	ABBOTT BROS.								
Drill Start D	Date:		Drill Fini	sh D	ate:		02/0	01/1953	Plug	g Date:
Log File Da	te:	08/26/1953	PCW Rcv	v Da	te:				Sou	rce:
Pump Type	Pipe Dis	char	Esti	mated Yield:						
Casing Size	e:	7.00	Depth W	ell·			530	feet	Den	th Water:

\*UTM location was derived from PLSS - see Help

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# SPUR ENERGY PARTNERS

SOUTH BOYD FEDERAL COM BATTERY

### Legend

- RA 02909 -0.48 MILES FROM SITE 130'DGW
- RA 03018: 0.18 MILES FROM THE SITE WITH NO GW
- RA 03304 0.29 MILES FROM SITE, 60'DGW
- RA 08986 0.4 MILES FROM SITE WITH 220'DGW
- SOUTH BOYD FED COM BTY

21 Rocking R Red Rd

RA 02909 -0.48 MILES FROM SITE 130'DGW 9

TRA 08986 - 0.4 MILES FROM SITE WITH 220'DGW

RA 03304 - 0.29 MILES FROM SITE, 60'DGW

SOUTH BOYD FED COM BTY

9RA 03018: 0.18 MILES FROM THE SITE WITH NO GW

Google Earth <u>Released to Imaging: 7/21/2021 10:46:59 AM</u> 2 2020 Google



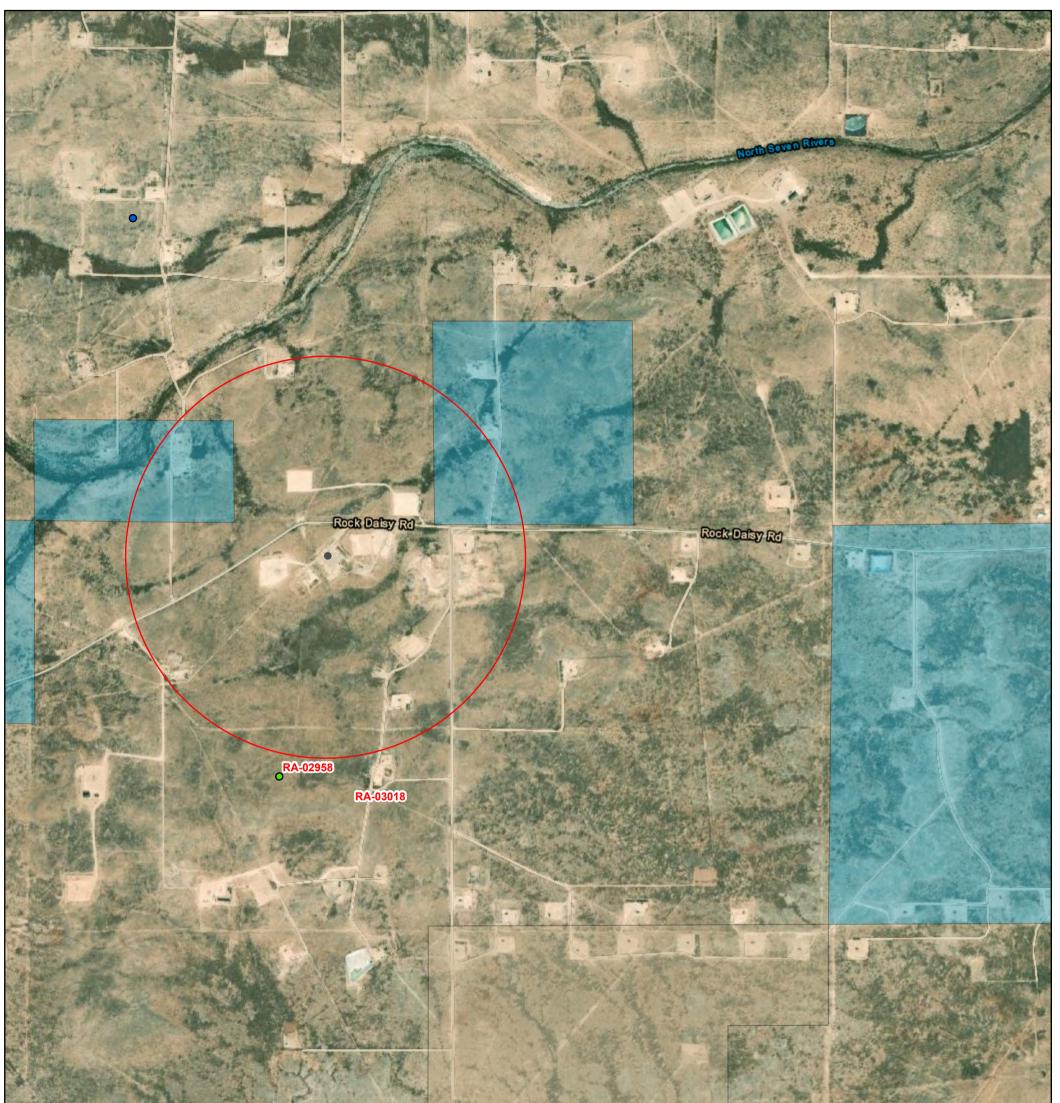
285



Page 23 of 188

Lakewood

# OSE PUBLIC PRINT



5/6/2021, 12:18:58 PM

### GIS WATERS PODs

- Active
- Pending
- OSE District Boundary

New Mexico State Trust Lands

Subsurface Estate

Both Estates

SiteBoundaries

Esri, HERE, iPC, U.S. Department of Energy Office of Legacy Management, Esri, HERE, Garmin, iPC, Maxar

### **SPUR ENERGY** SOUTH BOYD FEDERAL COM BATTERY









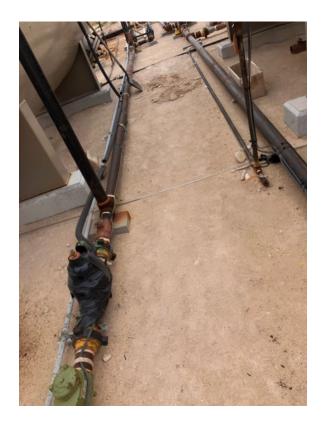












Released to Imaging: 7/21/2021 10:46:59 AM

# SPUR ENERGY PARTNERS

SOUTH BOYD FED COM BTY DELINEATION MAP

SP1: 32.622790 -104.467932 SP2: 32.622823 -104.467887 SP3: 32.622867 -104.467832 SP4: 32.622910 -104.467766 SP5: 32.622942 -104.467743 SP6: 32.622962 -104.467543 SP7: 32.623015 -104.467543 SP8: 32.622998 -104.467543 SP8: 32.622998 -104.467506 SP10: 32.622951 -104.467475 SP11: 32.622926 -104.467458 SP12: 32.622918 -104.467444 SP13: 32.622907 -104.467445 SP14: 32.622907 -104.467455 SP14: 32.622907 -104.467455 SW1: 32.622916 -104.467455 SW3: 32.622916 -104.467578 SW4: 32.622916 -104.467578 SW4: 32.622954 -104.467578 SW5: 32.622954 -104.467578 SW5: 32.622954 -104.467698 SW7: 32.622896 -104.467698 SW7: 32.622896 -104.467762 SW8: 32.622896 -104.467856 SW9: 32.622830 -104.467856 SW9: 32.622830 -104.467897 SW10: 32.622844 -104.467897 SW11: 32.622929 -104.467778

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SW 10

### Legend

SR8

SW/6

SP5

SP9

SW2

SPIS

SP14

SP10

SP11

Page 31 of 188

- HORIZONTAL SAMPLES
- IMPACT AREA
- VERTICAL SAMPLES

#### Company Name: SPUR ENERGY Location Name: SOUTH BOYD 18 BTY Release Date: 11.26.19 SP ID Depth PID L-BTEX L-DRO L-ORO L-GRO L-TPH L-CHL Soil Titr SP1 SURF 240

	•								
SP1	SURF	240							SURFACE ONLY
SP1	1'	240							
SP1	2'	160	ND	ND	ND	ND	ND	ND	
(0)	CLIDE	220							
SP2	SURF	320							SURFACE ONLY
SP2	1'	240							
SP2	2'	160	ND	ND	ND	ND	ND	63.3	
SP3	SURF	240							SURFACE ONLY
SP3	2'	160							
SP3	4'	160	ND	ND	ND	ND	ND	54.9	
SP4	SURF	400							SURFACE ONLY
SP4	2'	560							
SP4	4'	240	ND	ND	ND	ND	ND	368	
SP5	SURF	320							SURFACE ONLY
SP5	2'	320							
SP5	4'	320	ND	41.6	ND	ND	41.6	101	
SP6	SURF	4320							SURFACE ONLY
SP6	2'	6240							
SP6	4'	480							
SP6	6'	480	ND	28	ND	ND	28	533	
SP7	SURF	13200							SURFACE ONLY
SP7	2'	6400							
SP7	- 4'	1680							
SP7	6'	480							
SP7	8'	480	ND	50.3	ND	ND	50.3	306	
SP8	SURF	4000							SURFACE ONLY
SP8	2'	320							

#### Received by OCD: 5/7/2021 4:41:59 AM

Notes

SP8	4'	400	ND	ND	ND	ND	ND	201	
SP9	SURF	480							SURFACE ONLY
SP9	2'	480							
SP9	4'	480	ND	ND	ND	ND	ND	ND	
SP10	SURF	6400							SURFACE ONLY
SP10 SP10	2'	480							SURFACE UNLY
SP10 SP10	2 4'	320	ND	ND	ND	ND	ND	404	
51 10								-0-	
SP11	SURF	16000							SURFACE ONLY
SP11	2'	400							
SP11	4'	240	ND	ND	ND	ND	ND	76	
SW1	SURF	320							
SW1	1'	160							
SW1	2'	160	ND	ND	ND	ND	ND	ND	
SW2	SURF	320							
SW2	1'	240							
SW2	2'	240	ND	ND	ND	ND	ND	ND	
SW3	SURF	240							
SW3	1'	160							
SW3	2'	160	ND	ND	ND	ND	ND	ND	
SW4	SURF	240							
SW4	1'	240							
SW4	2'	160	ND	ND	ND	ND	ND	ND	
SW5	SURF	240							
SW5 SW5	50RF 1'	160							 
SW5	2'	160	ND	ND	ND	ND	ND	137	
SW6	SURF	240							
SW6	1'	160							

SW6	2'	160	ND	ND	ND	ND	ND	ND	
SW7	SURF	320							
SW7	1'	400							
SW7	2'	400	ND	ND	ND	ND	ND	325	
SW8	SURF	560							
SW8 SW8	50RF 1'	480							
SW8 SW8	1 2'	480	ND	ND	ND	ND	ND	290	
3000	2	400						290	
SW9	SURF	320							
SW9	1'	240							
SW9	2'	160	ND	ND	ND	ND	ND	30.2	
SW10	SURF	320							
SW10	1'	240							
SW10	2'	160	ND	ND	ND	ND	ND	59	
SW11	SURF	320							
SW11 SW11	1'	240							
SW11 SW11	2'	240	0.303	57	ND	ND	57	21	
SP12	SURF	26000							SURFACE ONLY
SP12	1'	1600							
SP12	2'	880							
SP12	3'	480							
SP12	4'	480	1.37	751	251	24.8	1026.8	1210	
SP13	SURF	7200							SURFACE ONLY
SP13	1'	1680							
SP13	2'	1600							
SP13	3'	1200							
SP13	4'	560							
SP13	5'	480	0.0265	66.1	ND	ND	66.1	450	

SP14	SURF	16000							SURFACE ONLY
SP14	1'	2400							
SP14	2'	2000							
SP14	3'	960							
SP14	4'	400							
SP14	5'	400	0.818	336	77.4	ND	413.4	814	

#### COMPOSITE SAMPLE DATA

SP ID	Depth	Titr	PID	L-BTEX	L-DRO	L-ORO	L-GRO	L-TPH	L-CHL	Soil	Notes
BH1				ND	ND	ND	ND	ND	ND		
BH2				ND	ND	ND	ND	ND	ND		
BH3				ND	ND	ND	ND	ND	ND		
BH4				ND	ND	ND	ND	ND	ND		
BH5				ND	ND	ND	ND	ND	ND		
	_										
SWC-N	SURF			ND	102	ND	ND	102	878		
SWC-N	1'			ND	ND	ND	ND	ND	ND		
SWC-E	SURF			0.0631	30.6	ND	ND	30.6	73.7		
SWC-W	2'			ND	ND	ND	ND	ND	ND		
SWE-W	1'			ND	ND	ND	ND	ND	23.6		
SWE-N	2'			ND	ND	ND	ND	ND	ND		

Report to: Brady Moulder PO Box 1058 Hobbs, NM 88240



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

**Practical Solutions for a Better Tomorrow** 

### **Analytical Report**

### Spur

Project Name:	South Boyd Federal Com Battery
Work Order:	P006023
Job Number:	19054-0003
Received:	6/9/2020

Revision: 2

Report Reviewed By: *Walter Hinchman* Walter Hinchman Laboratory Director 9/18/20

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 NM009792018-1 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported. Date Reported: 9/18/20

Brady Moulder PO Box 1058 Hobbs, NM 88240



Page 37 of 188

Project Name: South Boyd Federal Com Battery Workorder: P006023 Date Received: 6/9/2020 10:00:00AM

Brady Moulder,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2020 10:00:00AM, under the Project Name: South Boyd Federal Com Battery.

The analytical test results summarized in this report with the Project Name: South Boyd Federal Com Battery 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 Lopez Laboratory Administrator Office: 505-632-1881 rlopez@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SWC-N	5
SWC-E	6
SWC-W-2'	7
SWE-W-1'	8
SWE-N-2'	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

SWE-N-2'

Spur		Project Name:	South Boyd Federal	Com Battery	Reported:
PO Box 1058		Project Number:	19054-0003		Reporteu.
Hobbs NM, 88240		Project Manager:	Brady Moulder		09/18/20 12:50
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SWC-N	P006023-01A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.
SWC-E	P006023-02A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.
SWC-W-2'	P006023-03A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.
SWE-W-1'	P006023-04A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.

Soil

P006023-05A

06/08/20

06/09/20

Glass Jar, 4 oz.



		1					
Spur	Project Name:						
PO Box 1058	Project Numbe	r: 1903	54-0003			Reported:	
Hobbs NM, 88240	Project Manage	er: Brac	ly Moulder		9/18/2020 12:50:19PM		
		SWC-N					
	P00	6023-01 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004	
Benzene	ND	0.0250	1	06/09/20	06/09/20		
Toluene	ND	0.0250	1	06/09/20	06/09/20		
Ethylbenzene	ND	0.0250	1	06/09/20	06/09/20		
p,m-Xylene	ND	0.0500	1	06/09/20	06/09/20		
o-Xylene	ND	0.0250	1	06/09/20	06/09/20		
Total Xylenes	ND	0.0250	1	06/09/20	06/09/20		
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150	06/09/20	06/09/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2024004			
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	50-150	06/09/20	06/09/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2024006	
Diesel Range Organics (C10-C28)	102	25.0	1	06/09/20	06/09/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20		
Surrogate: n-Nonane		79.0 %	50-200	06/09/20	06/09/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2024005	
Chloride	878	20.0	1	06/09/20	06/09/20		
Totals	mg/kg	mg/kg					
Total Xylenes	ND	0.0250		06/09/20	06/09/20		
Total BTEX	ND	0.0250		06/09/20	06/09/20		
Total TPH (C6-C40)	102	20.0		06/09/20	06/09/20		

# Sample Data



## Sample Data

	Du	mpic D	uta			
Spur	Project Name:		h Boyd Federal C	Com Batte		
PO Box 1058	Project Number		54-0003			Reported:
Hobbs NM, 88240	Project Manage	er: Brac		9/18/2020 12:50:19PM		
		SWC-E				
	P00	6023-02 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004
enzene	ND	0.0250	1	06/09/20	06/09/20	
oluene	0.0379	0.0250	1	06/09/20	06/09/20	
thylbenzene	0.0252	0.0250	1	06/09/20	06/09/20	
,m-Xylene	ND	0.0500	1	06/09/20	06/09/20	
-Xylene	ND	0.0250	1	06/09/20	06/09/20	
otal Xylenes	ND	0.0250	1	06/09/20	06/09/20	
urrogate: 4-Bromochlorobenzene-PID		107 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2024004		
asoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20	
urrogate: 1-Chloro-4-fluorobenzene-FID		90.2 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2024006
Diesel Range Organics (C10-C28)	30.6	25.0	1	06/09/20	06/09/20	
0il Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20	
urrogate: n-Nonane		87.4 %	50-200	06/09/20	06/09/20	
anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2024005
hloride	73.7	20.0	1	06/09/20	06/09/20	
otals	mg/kg	mg/kg				
otal Xylenes	ND	0.0250		06/09/20	06/09/20	
otal BTEX	0.0631	0.0250		06/09/20	06/09/20	
otal TPH (C6-C40)	30.6	20.0		06/09/20	06/09/20	



## Sample Data

	Da	mpic D	uca			
Spur	Project Name:	Sout	h Boyd Federal (	Com Batte		
PO Box 1058	Project Number	r: 1903	54-0003			Reported:
Hobbs NM, 88240	Project Manage	er: Brad		9/18/2020 12:50:19PM		
	S	WC-W-2'				
	P006	5023-03 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analy	st: RS		Batch: 2024004
Benzene	ND	0.0250	1	06/09/20	06/09/20	
oluene	ND	0.0250	1	06/09/20	06/09/20	
thylbenzene	ND	0.0250	1	06/09/20	06/09/20	
,m-Xylene	ND	0.0500	1	06/09/20	06/09/20	
-Xylene	ND	0.0250	1	06/09/20	06/09/20	
otal Xylenes	ND	0.0250	1	06/09/20	06/09/20	
urrogate: 4-Bromochlorobenzene-PID		104 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analy	Batch: 2024004		
Casoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	ļ	91.2 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analy	st: JL		Batch: 2024006
viesel Range Organics (C10-C28)	ND	25.0	1	06/09/20	06/09/20	
vil Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20	
urrogate: n-Nonane	9	92.1 %	50-200	06/09/20	06/09/20	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analy	st: NE		Batch: 2024005
Chloride	ND	20.0	1	06/09/20	06/09/20	
`otals	mg/kg	mg/kg				
otal Xylenes	ND	0.0250		06/09/20	06/09/20	
iotal BTEX	ND	0.0250		06/09/20	06/09/20	
Total TPH (C6-C40)	ND	20.0		06/09/20	06/09/20	



## Sample Data

	Da	mpic D	ata			
Spur	Project Name:		h Boyd Federal C	om Batte		
PO Box 1058	Project Number	: 1905	54-0003			Reported:
Hobbs NM, 88240	Project Manage	r: Brac		9/18/2020 12:50:19PM		
	S	WE-W-1'				
	P000	5023-04 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004
Benzene	ND	0.0250	1	06/09/20	06/09/20	
Toluene	ND	0.0250	1	06/09/20	06/09/20	
Ethylbenzene	ND	0.0250	1	06/09/20	06/09/20	
,m-Xylene	ND	0.0500	1	06/09/20	06/09/20	
o-Xylene	ND	0.0250	1	06/09/20	06/09/20	
Total Xylenes	ND	0.0250	1	06/09/20	06/09/20	
Surrogate: 4-Bromochlorobenzene-PID		105 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2024004		
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	ļ	93.5 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2024006
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/20	06/09/20	
Dil Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20	
urrogate: n-Nonane	9	92.4 %	50-200	06/09/20	06/09/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2024005
Chloride	23.6	20.0	1	06/09/20	06/09/20	
Totals	mg/kg	mg/kg				
Total Xylenes	ND	0.0250		06/09/20	06/09/20	
Fotal BTEX	ND	0.0250		06/09/20	06/09/20	
Total TPH (C6-C40)	ND	20.0		06/09/20	06/09/20	



## Sample Data

	Nu Nu	mpic D				
Spur	Project Name:	Sout	h Boyd Federal C	om Batte		
PO Box 1058	Project Number	r: 1903	54-0003			Reported:
Hobbs NM, 88240	Project Manage	er: Brac	ly Moulder			9/18/2020 12:50:19PM
	(	SWE-N-2'				
	P000	5023-05 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004
enzene	ND	0.0250	1	06/09/20	06/09/20	
oluene	ND	0.0250	1	06/09/20	06/09/20	
thylbenzene	ND	0.0250	1	06/09/20	06/09/20	
,m-Xylene	ND	0.0500	1	06/09/20	06/09/20	
-Xylene	ND	0.0250	1	06/09/20	06/09/20	
otal Xylenes	ND	0.0250	1	06/09/20	06/09/20	
urrogate: 4-Bromochlorobenzene-PID		103 %	50-150	06/09/20	06/09/20	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2024004		
asoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	9	92.6 %	50-150	06/09/20	06/09/20	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2024006
iesel Range Organics (C10-C28)	ND	25.0	1	06/09/20	06/09/20	
il Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20	
urrogate: n-Nonane	!	91.9 %	50-200	06/09/20	06/09/20	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2024005
hloride	ND	20.0	1	06/09/20	06/09/20	
otals	mg/kg	mg/kg				
otal Xylenes	ND	0.0250		06/09/20	06/09/20	
otal BTEX	ND	0.0250		06/09/20	06/09/20	
Total TPH (C6-C40)	ND	20.0		06/09/20	06/09/20	



# **QC Summary Data**

Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	19	outh Boyd Fec 0054-0003 rady Moulder		Battery			<b>Reported:</b> 9/18/2020 12:50:19PM
,		Volatile O		-					Analyst: RS
Analyte	D k	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	Result mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024004-BLK1)						Pre	pared: 06/(	)9/20 Ana	lyzed: 06/09/20
Benzene	ND	0.0250					-		·
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0250							
p,m-Aylene o-Xylene	ND	0.0250							
o-Xylene Total Xylenes	ND	0.0250							
•		0.0230	8.00		104	50-150			
Surrogate: 4-Bromochlorobenzene-PID	8.33		8.00		104	50-150			
LCS (2024004-BS1)						Pre	pared: 06/0	09/20 Ana	lyzed: 06/09/20
Benzene	5.21	0.0250	5.00		104	70-130			
Toluene	5.20	0.0250	5.00		104	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
p,m-Xylene	10.3	0.0500	10.0		103	70-130			
o-Xylene	5.19	0.0250	5.00		104	70-130			
Total Xylenes	15.5	0.0250	15.0		104	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.52		8.00		107	50-150			
Matrix Spike (2024004-MS1)				Sou	rce: P006	023-01 Pre	pared: 06/0	)9/20 Ana	lyzed: 06/09/20
Benzene	5.15	0.0250	5.00	ND	103	54.3-133			
Toluene	5.16	0.0250	5.00	ND	103	61.4-130			
Ethylbenzene	5.14	0.0250	5.00	ND	103	61.4-133			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63.3-131			
o-Xylene	5.14	0.0250	5.00	ND	103	63.3-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	50-150			
Matrix Spike Dup (2024004-MSD1)				Sou	rce: P006	023-01 Pre	pared: 06/0	)9/20 Ana	lyzed: 06/09/20
Benzene	5.14	0.0250	5.00	ND	103	54.3-133	0.0797	20	
Toluene	5.12	0.0250	5.00	ND	102	61.4-130	0.765	20	
Ethylbenzene	5.10	0.0250	5.00	ND	102	61.4-133	0.769	20	
p,m-Xylene	10.2	0.0500	10.0	ND	102	63.3-131	0.817	20	
o-Xylene	5.11	0.0250	5.00	ND	102	63.3-131	0.741	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	0-200	0.792	200	
Surrogate: 4-Bromochlorobenzene-PID	8.48		8.00		106	50-150			



## **QC Summary Data**

		QC D	umm	ary Data	a				
Spur PO Box 1058		Project Name: Project Number:		South Boyd Fed 9054-0003	leral Com	Battery			Reported:
Hobbs NM, 88240		Project Manager:	E	Brady Moulder					9/18/2020 12:50:19PM
	Nor	nhalogenated (	Organics	by EPA 80	15D - G	RO			Analyst: RS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024004-BLK1)						Pre	epared: 06/0	09/20 Ana	lyzed: 06/09/20
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	50-150			
LCS (2024004-BS2)						Pre	pared: 06/0	)9/20 Ana	lyzed: 06/09/20
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	50-150			
Matrix Spike (2024004-MS2)				Sou	rce: P0060	023-01 Pre	epared: 06/0	09/20 Ana	lyzed: 06/09/20
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	50-150			
Matrix Spike Dup (2024004-MSD2)				Sou	rce: P0060	023-01 Pre	epared: 06/0	09/20 Ana	alyzed: 06/09/20
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	0.745	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	50-150			



## **QC Summary Data**

		QC SI	umm	ary Data	L				
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	1	South Boyd Fede 9054-0003 Brady Moulder	eral Com	Battery			<b>Reported:</b> 9/18/2020 12:50:19PM
	Nonha	alogenated Orga	anics by	FEPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2024006-BLK1)						Pre	pared: 06/0	09/20 Ana	alyzed: 06/09/20
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C40)	ND ND	25.0 50.0							
Surrogate: n-Nonane	45.7		50.0		91.4	50-200			
LCS (2024006-BS1)						Pre	pared: 06/0	09/20 Ana	alyzed: 06/09/20
Diesel Range Organics (C10-C28)	451	25.0	500		90.1	38-132			
Surrogate: n-Nonane	48.8		50.0		97.7	50-200			
Matrix Spike (2024006-MS1)				Sour	ce: P0060	023-01 Pre	pared: 06/0	09/20 Ana	alyzed: 06/09/20
Diesel Range Organics (C10-C28)	539	25.0	500	102	87.4	38-132			
Surrogate: n-Nonane	41.6		50.0		83.3	50-200			
Matrix Spike Dup (2024006-MSD1)				Sour	ce: P006(	023-01 Pre	pared: 06/0	09/20 Ana	alyzed: 06/09/20
Diesel Range Organics (C10-C28)	535	25.0	500	102	86.7	38-132	0.716	20	
Surrogate: n-Nonane	45.2		50.0		90.4	50-200			



## **QC Summary Data**

		L L		•					
Spur		Project Name:	S	outh Boyd Fee	leral Com	Battery			Reported:
PO Box 1058		Project Number:	1	9054-0003					•
Hobbs NM, 88240		Project Manager	: B	rady Moulder				9	9/18/2020 12:50:19PM
		Anions	by EPA	<b>300.0/9056</b> A	4				Analyst: NE
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024005-BLK1)						Pre	pared: 06/0	09/20 Anal	yzed: 06/09/20
Chloride	ND	20.0							
LCS (2024005-BS1)						Pre	pared: 06/0	09/20 Anal	yzed: 06/09/20
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2024005-MS1)				Sou	rce: P0060	023-01 Pre	pared: 06/0	09/20 Anal	yzed: 06/09/20
Chloride	1020	20.0	250	878	57.3	80-120			M2
Matrix Spike Dup (2024005-MSD1)				Sou	rce: P0060	023-01 Pre	pared: 06/0	09/20 Anal	yzed: 06/09/20
Chloride	1120	20.0	250	878	98.5	80-120	9.62	20	

QC Summary Report Comment:

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.



## **Definitions and Notes**

Spur	Project Name:	South Boyd Federal Com Battery	
PO Box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Brady Moulder	09/18/20 12:50

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

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

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



Project Information

Client: Spur Energy	Bill To	2		10	La	ab Us	e On			_	AT	E	PA Progra	m
Client: Spur Energy Project: South David 18 Project Manager: Brady MoulDer	Attention: Fdel: e. gaytan Address: 40 24 Plains Hu	N	Lab	WO#	0	2		Numb	er		3D	RCRA	CWA	SDWA
Address:	City, State, Zip	1							d Metho	-	1		St	ate
City, State, Zip	Phone: 575-441-0212	P	-							<u> </u>	1		1	UTA
Phone: 575-441-0212	Email: Egaytein & Hungry-Hos	so Com	S	5										
Email: Eggytan @ Hunger-Hosse, com	cindi. C gerran o hange y-has	at con	801	801	_			0					TX OK	
Email: Eggylan @ Hungry-Horse com Report due by: Hungry Horse LLC		6	so by	RO by	802	8260	6010	e 300		WN -	¥			
Time Date Matrix No Sampled Sampled Sampled Sample ID		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC - TX		Ren	narks
8:46 6/2/200 S 1 SWC-N		1			1			X		X				
		2						X		X				
10:52 / SWC-W.	-21	3						X		X				
8:55 ( 10:52 SWC-E 10:52 SWC-W 9:44 SWE-W- 10:58 SUE-W-	-1'	4								×				
10:58 S SWE-N-	- 21	5								X				
	~									101				
		Contraction of the second seco								+				
									_	-				
Additional Instructions:			_											
I, (field sampler), attest to the validity and authenticity of this sample. I am aware th													e day they are sar	
time of collection is considered fraud and may be grounds for legal action. Sampled		her					received	packed in	ice at an avg				subsequent days	•
Relinquished by (Signature) Date Time	Received by: (Signature)	Date 6-8-20	20	Time	124	10	Rece	eived	on ice:		ab Us	e Only		
	20 Received by: (Signature)	Date 02	0	Time	:0	0	<u>T1</u>			<u>T2</u>			<u>T3</u>	
Relinquished by: (Signature) Date Time	Received by: (Signature)	Date		Time			AVG	Temp	,∘c_4	-				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	T	Container '	Туре	: g - g	glass,	<b>p</b> - p					ss, v -	VOA		
Note: Samples are discarded 30 days after results are reported unless othe			ent or	dispos	ed of a	t the c	lient ex	kpense.	The repor	t for th	e analy	sis of the ab	ove samples is	applicab
only to those samples received by the laboratory with this COC. The liabili	ity of the laboratory is limited to the amount paid for or	h the report.							and a provide state		Bell Contra		And the strength	
	5796 US Highway 64, Farmington, NM 87401 24 Howr Emergency Response Phone (800) 362-1879			* ****	P	h (505)	632-188	81 Fx (5	05) 632-186	5			rotech-inc.com nvirotech-inc.	

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Received by OCD: 5/7/2021 4:41:59 AM

Page 50 of 188

Report to: Brady Moulder PO Box 1058 Hobbs, NM 88240



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Spur

Project Name:	South Boyd Federal Com Battery
Work Order:	P006044
Job Number:	19054-0003
Received:	6/12/2020

Revision: 2

Report Reviewed By: *Walter Hinchman* Walter Hinchman Laboratory Director 9/18/20

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 NM009792018-1 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported. Date Reported: 9/18/20

Brady Moulder PO Box 1058 Hobbs, NM 88240



Page 52 of 188

Project Name: South Boyd Federal Com Battery Workorder: P006044 Date Received: 6/12/2020 9:45:00AM

Brady Moulder,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/12/2020 9:45:00AM, under the Project Name: South Boyd Federal Com Battery.

The analytical test results summarized in this report with the Project Name: South Boyd Federal Com Battery 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 Lopez Laboratory Administrator Office: 505-632-1881 rlopez@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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# Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SWC-N-1'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

		Sample Sum	mary		
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	South Boyd Federa 19054-0003 Brady Moulder	l Com Battery	<b>Reported:</b> 09/18/20 12:51
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SWC-N-1'	P006044-01A	Soil	06/11/20	06/12/20	Glass Jar, 4 oz.



	Sa	ample D	ata				
Spur PO Box 1058 Hobbs NM, 88240	5	Project Name:South Boyd Federal Com BatteProject Number:19054-0003Project Manager:Brady Moulder					
		SWC-N-1'					
		6044-01 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	Analyst: RS		Batch: 2024026	
Benzene	ND	0.0250	1	06/12/20	06/12/20		
Toluene	ND	0.0250	1	06/12/20	06/12/20		
Ethylbenzene	ND	0.0250	1	06/12/20	06/12/20		
o,m-Xylene	ND	0.0500	1 06/12/20		06/12/20		
p-Xylene	ND	0.0250	1	06/12/20	06/12/20		
Fotal Xylenes	ND	0.0250	1	06/12/20	06/12/20		
Surrogate: 4-Bromochlorobenzene-PID		105 %	50-150	06/12/20	06/12/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RS		Batch: 2024026	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/20	06/12/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	50-150	06/12/20	06/12/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2024027	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/20	06/12/20		
Dil Range Organics (C28-C40)	ND	50.0	1	06/12/20	06/12/20		
Surrogate: n-Nonane		101 %	50-200	06/12/20	06/12/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2024025	
Chloride	ND	20.0	1	06/12/20	06/12/20		
Fotals	mg/kg	mg/kg					
Fotal Xylenes	ND	0.0250		06/12/20	06/12/20		
Total BTEX	ND	0.0250		06/12/20	06/12/20		
Total TPH (C6-C40)	ND	20.0		06/12/20	06/12/20		



# **QC Summary Data**

Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	19	outh Boyd Fec 9054-0003 rady Moulder		Battery			<b>Reported:</b> 9/18/2020 12:51:04PM
10000 1111, 002 10		Volatile O		•					Analyst: RS
A		Reporting	Spike	Source		Rec		RPD	
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024026-BLK1)						Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
,m-Xylene	ND	0.0500							
-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
urrogate: 4-Bromochlorobenzene-PID	8.23		8.00		103	50-150			
LCS (2024026-BS1)						Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Benzene	5.23	0.0250	5.00		105	70-130			
Toluene	5.22	0.0250	5.00		104	70-130			
Ethylbenzene	5.20	0.0250	5.00		104	70-130			
,m-Xylene	10.4	0.0500	10.0		104	70-130			
-Xylene	5.20	0.0250	5.00		104	70-130			
Total Xylenes	15.6	0.0250	15.0		104	0-200			
Gurrogate: 4-Bromochlorobenzene-PID	8.33		8.00		104	50-150			
Matrix Spike (2024026-MS1)				Sou	rce: P006	044-01 Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Benzene	5.12	0.0250	5.00	ND	102	54.3-133			
Toluene	5.10	0.0250	5.00	ND	102	61.4-130			
Ethylbenzene	5.06	0.0250	5.00	ND	101	61.4-133			
,m-Xylene	10.1	0.0500	10.0	ND	101	63.3-131			
-Xylene	5.07	0.0250	5.00	ND	101	63.3-131			
Total Xylenes	15.2	0.0250	15.0	ND	101	0-200			
Currogate: 4-Bromochlorobenzene-PID	8.39		8.00		105	50-150			
Matrix Spike Dup (2024026-MSD1)				Sou	rce: P006	044-01 Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Benzene	5.05	0.0250	5.00	ND	101	54.3-133	1.37	20	
Toluene	5.02	0.0250	5.00	ND	100	61.4-130	1.55	20	
Ethylbenzene	4.99	0.0250	5.00	ND	99.8	61.4-133	1.44	20	
,m-Xylene	9.99	0.0500	10.0	ND	99.9	63.3-131	1.38	20	
-Xylene	5.01	0.0250	5.00	ND	100	63.3-131	1.21	20	
Total Xylenes	15.0	0.0250	15.0	ND	100	0-200	1.32	200	



## **QC Summary Data**

		QC D	umma	ary Data	a				
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	1	outh Boyd Fed 9054-0003 rady Moulder	leral Com	Battery			<b>Reported:</b> 9/18/2020 12:51:04PM
	Nor	nhalogenated (	Organics	by EPA 80	15D - GI	RO			Analyst: RS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	N
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024026-BLK1)						Pre	pared: 06/1	12/20 Ana	lyzed: 06/12/20
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.4	50-150			
LCS (2024026-BS2)						Pre	pared: 06/1	12/20 Ana	lyzed: 06/12/20
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		<b>93</b> .7	50-150			
Matrix Spike (2024026-MS2)				Sou	rce: P006(	)44-01 Pre	pared: 06/1	12/20 Ana	lyzed: 06/12/20
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	50-150			
Matrix Spike Dup (2024026-MSD2)				Sou	rce: P006(	044-01 Pre	pared: 06/1	12/20 Ana	lyzed: 06/12/20
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.1	70-130	0.613	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	50-150			



## **QC Summary Data**

		QC SI		ary Data	L				
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	1	outh Boyd Fede 9054-0003 Brady Moulder	eral Com	Battery			<b>Reported:</b> 9/18/2020 12:51:04PM
	Nonha	alogenated Orga	anics by	EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024027-BLK1)						Pre	pared: 06/1	12/20 Ana	alyzed: 06/12/20
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	52.0		50.0		104	50-200			
LCS (2024027-BS1)						Pre	pared: 06/1	12/20 Ana	alyzed: 06/12/20
Diesel Range Organics (C10-C28)	444	25.0	500		88.7	38-132			
Surrogate: n-Nonane	47.6		50.0		95.3	50-200			
Matrix Spike (2024027-MS1)				Sour	ce: P0060	045-01 Pre	pared: 06/1	12/20 Ana	alyzed: 06/12/20
Diesel Range Organics (C10-C28)	474	25.0	500	ND	94.8	38-132			
Surrogate: n-Nonane	47.1		50.0		94.1	50-200			
Matrix Spike Dup (2024027-MSD1)				Sour	ce: P0060	045-01 Pre	pared: 06/1	12/20 Ana	alyzed: 06/12/20
Diesel Range Organics (C10-C28)	482	25.0	500	ND	96.4	38-132	1.64	20	
Surrogate: n-Nonane	47.3		50.0		94.6	50-200			



## **QC Summary Data**

			•	····· <b>J</b> = ····					
Spur		Project Name:		South Boyd Fee	leral Com	Battery			Reported:
PO Box 1058		Project Number:	: 1	9054-0003					
Hobbs NM, 88240		Project Manager	:: Н	Brady Moulder					9/18/2020 12:51:04PM
		Anions	by EPA	300.0/9056	4				Analyst: NE
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024025-BLK1)						Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Chloride	ND	20.0							
LCS (2024025-BS1)						Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2024025-MS1)				Sou	rce: P0060	044-01 Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2024025-MSD1)				Sou	rce: P0060	044-01 Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Chloride	262	20.0	250	ND	105	80-120	1.06	20	

QC Summary Report Comment:

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.



## **Definitions and Notes**

Γ	Spur	Project Name:	South Boyd Federal Com Battery	
l	PO Box 1058	Project Number:	19054-0003	Reported:
l	Hobbs NM, 88240	Project Manager:	Brady Moulder	09/18/20 12:51

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

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

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

Page 60 of 188

Project Information	Chain of Custody										Page of
Client: Spur E Hero Y Project: South South South 18 Project Manager: Story MoulDer Address: City, State, Zip	Bill To Attention: Eclolic ganton Address: UO 24 Plains Huy City, State, Zip Louington, NM Phone: 575-441-0212 Email: Courton Olimony-Horse C	Lab ' PC	wo#		I I		and Me	XX	TAT D 31		EPA Program CWA SDWA State NM CO UT AZ
Phone: 575 441 0012 Email: Egovern & Humary - Horsecon Report due by: Humary Horse LLC Time Date Sampled Matrix No Containers Sample ID	Lab Numbe	o/oro b	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010	CIII0106 200.0		BGDOC - NM		TX OK Remarks
11:00/11/20 5 1 SWC.	- 10-1							)	K		
Additional Instructions:	re that tampering with or intentionally glislab fling the sample fation date or				Sa	imples requ	uiring thermal	preservati	ion must b	e received on ice	the day they are sampled or
time of collection is considered fraud and may be grounds for legal action. Samp Relinquished by: (Signature) Date Ultrace	Received by: (Signature) Li 11-2	120	Time //	49	re R	ceived pac		n avg temp	above 0 l	ut less than 6 °C	on subsequent days.
Relinquished by: (Signature) Date Time Relinquished by: (Signature) Date Time Date Time Date Time	1625 Received by: (Signature) Date		Time Time	45	1		emp °C	_ <u>1</u>	2		<u>T3</u>
Sample Matrix: <b>S</b> - Soil, <b>Sd</b> - Solid, <b>Sg</b> - Sludge, <b>A</b> - Aqueous, <b>O</b> - Other Note: Samples are discarded 30 days after results are reported unless o only to those samples received by the laboratory with this COC. The lia		r Type: lient or d	: <b>g -</b> gl dispose	ass, <b>p</b> d of at	- poly	y/plast	ic, ag - ai	mber g	glass, v the an	r - VOA alysis of the al	bove samples is applicable
Cenvirotech	5796 US Highway 64, Farmington, NM 87401 24 Hour Emergency Response Phone (800) 362-1879			Ph	(505) 63	12-1881 F	Fx (505) 632	-1865			virotech-inc.com envirotech-inc.com

Released to Imaging: 7/21/2021 10:46:59 AM

.

Received by OCD: 5/7/2021 4:41:59 AM

Report to: Eddie Gayton PO Box 1058 Hobbs, NM 88240



5796 U.S. Hwy 64 Farmington, NM 87401

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





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# **Analytical Report**

# Spur

Project Name:	South Boyd Federal Com Battery
Work Order:	P006052
Job Number:	19054-0003
Received:	6/16/2020

Revision: 2

Report Reviewed By: *Walter Hinchman* Walter Hinchman Laboratory Director 9/18/20

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 NM009792018-1 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported. Date Reported: 9/18/20

Eddie Gayton PO Box 1058 Hobbs, NM 88240



Page 63 of 188

Project Name: South Boyd Federal Com Battery Workorder: P006052 Date Received: 6/16/2020 9:30:00AM

Eddie Gayton,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2020 9:30:00AM, under the Project Name: South Boyd Federal Com Battery.

The analytical test results summarized in this report with the Project Name: South Boyd Federal Com Battery 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 Lopez Laboratory Administrator Office: 505-632-1881 rlopez@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH-1	5
BH-2	6
BH-3	7
BH-4	8
BH-5	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

Sample Summary										
Spur		Project Name:	South Boyd Federal	Com Battery	Reported:					
PO Box 1058		Project Number:	19054-0003							
Hobbs NM, 88240		Project Manager:	Eddie Gayton		09/18/20 12:51					
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container					
BH-1	P006052-01A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.					
BH-2	P006052-02A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.					
BH-3	P006052-03A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.					
BH-4	P006052-04A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.					
BH-5	P006052-05A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.					



		•					
Spur	Project Name:	Sout	h Boyd Federal C	om Batte			
PO Box 1058	Project Numbe	Project Number: 19054-0003					
Hobbs NM, 88240	Project Manage	er: Eddi	ie Gayton			9/18/2020 12:51:42PM	
		BH-1					
	P00	6052-01 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RS		Batch: 2025002	
Benzene	ND	0.0250	1	06/16/20	06/16/20		
Toluene	ND	0.0250	1	06/16/20	06/16/20		
Ethylbenzene	ND	0.0250	1	06/16/20	06/16/20		
p,m-Xylene	ND	0.0500	1	06/16/20	06/16/20		
o-Xylene	ND	0.0250	1	06/16/20	06/16/20		
Total Xylenes	ND	0.0250	1	06/16/20	06/16/20		
Surrogate: 4-Bromochlorobenzene-PID		106 %	50-150	06/16/20	06/16/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RS			Batch: 2025002	
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20		
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	50-150	06/16/20	06/16/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2025007		
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20		
Oil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20		
Surrogate: n-Nonane		96.2 %	50-200	06/15/20	06/16/20		
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2025010	
Chloride	ND	20.0	1	06/16/20	06/16/20		
Fotals	mg/kg	mg/kg					
Total Xylenes	ND	0.0250		06/16/20	06/16/20		
Total BTEX	ND	0.0250		06/16/20	06/16/20		
Total TPH (C6-C40)	ND	20.0		06/16/20	06/16/20		

# Sample Data



## Sample Data

		mpic D				
Spur	Project Name:					
PO Box 1058	Project Number	r: 190:	54-0003		Reported:	
Hobbs NM, 88240	Project Manage	9/18/2020 12:51:42PM				
		BH-2				
	P000	5052-02 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2025002
enzene	ND	0.0250	1	06/16/20	06/16/20	
oluene	ND	0.0250	1	06/16/20	06/16/20	
thylbenzene	ND	0.0250	1	06/16/20	06/16/20	
,m-Xylene	ND	0.0500	1	06/16/20	06/16/20	
-Xylene	ND	0.0250	1	06/16/20	06/16/20	
otal Xylenes	ND	0.0250	1	06/16/20	06/16/20	
urrogate: 4-Bromochlorobenzene-PID		106 %	50-150	06/16/20	06/16/20	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RS			Batch: 2025002
asoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	ļ	90.7 %	50-150	06/16/20	06/16/20	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2025007
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20	
vil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20	
urrogate: n-Nonane		111 %	50-200	06/15/20	06/16/20	
anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2025010
hloride	ND	20.0	1	06/16/20	06/16/20	
otals	mg/kg	mg/kg				
otal Xylenes	ND	0.0250		06/16/20	06/16/20	
Total BTEX	ND	0.0250		06/16/20	06/16/20	
Total TPH (C6-C40)	ND	20.0		06/16/20	06/16/20	



## Sample Data

		mpic D				
Spur	Project Name:					
PO Box 1058	Project Number	r: 190:	54-0003	Reported:		
Hobbs NM, 88240	Project Manage	9/18/2020 12:51:42PM				
		BH-3				
	P00	5052-03 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2025002
enzene	ND	0.0250	1	06/16/20	06/16/20	
oluene	ND	0.0250	1	06/16/20	06/16/20	
thylbenzene	ND	0.0250	1	06/16/20	06/16/20	
,m-Xylene	ND	0.0500	1	06/16/20	06/16/20	
-Xylene	ND	0.0250	1	06/16/20	06/16/20	
otal Xylenes	ND	0.0250	1	06/16/20	06/16/20	
urrogate: 4-Bromochlorobenzene-PID		109 %	50-150	06/16/20	06/16/20	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RS			Batch: 2025002
asoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	!	95.0 %	50-150	06/16/20	06/16/20	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2025007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20	
Dil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20	
urrogate: n-Nonane		99.6 %	50-200	06/15/20	06/16/20	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2025010
hloride	ND	20.0	1	06/16/20	06/16/20	
otals	mg/kg	mg/kg				
otal Xylenes	ND	0.0250		06/16/20	06/16/20	
otal BTEX	ND	0.0250		06/16/20	06/16/20	
Total TPH (C6-C40)	ND	20.0		06/16/20	06/16/20	



## Sample Data

		mpic D				
Spur	Project Name:					
PO Box 1058	Project Number	r: 190:	54-0003	Reported:		
Hobbs NM, 88240	Project Manage	9/18/2020 12:51:42PM				
		BH-4				
	P000	6052-04 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2025002
Benzene	ND	0.0250	1	06/16/20	06/16/20	
Toluene	ND	0.0250	1	06/16/20	06/16/20	
Ethylbenzene	ND	0.0250	1	06/16/20	06/16/20	
o,m-Xylene	ND	0.0500	1	06/16/20	06/16/20	
-Xylene	ND	0.0250	1	06/16/20	06/16/20	
Total Xylenes	ND	0.0250	1	06/16/20	06/16/20	
urrogate: 4-Bromochlorobenzene-PID		103 %	50-150	06/16/20	06/16/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RS			Batch: 2025002
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	ç	94.6 %	50-150	06/16/20	06/16/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL		Batch: 2025007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20	
Dil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20	
'urrogate: n-Nonane		103 %	50-200	06/15/20	06/16/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2025010
Chloride	ND	20.0	1	06/16/20	06/16/20	
otals	mg/kg	mg/kg				
Total Xylenes	ND	0.0250		06/16/20	06/16/20	
Total BTEX	ND	0.0250		06/16/20	06/16/20	
Fotal TPH (C6-C40)	ND	20.0		06/16/20	06/16/20	



## Sample Data

		mpic D				
Spur	Project Name:					
PO Box 1058	Project Number	r: 1903	54-0003		Reported:	
Hobbs NM, 88240	Project Manage	9/18/2020 12:51:42PM				
		BH-5				
	P006	6052-05 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RS		Batch: 2025002
Benzene	ND	0.0250	1	06/16/20	06/16/20	
Toluene	ND	0.0250	1	06/16/20	06/16/20	
thylbenzene	ND	0.0250	1	06/16/20	06/16/20	
,m-Xylene	ND	0.0500	1	06/16/20	06/16/20	
-Xylene	ND	0.0250	1	06/16/20	06/16/20	
otal Xylenes	ND	0.0250	1	06/16/20	06/16/20	
urrogate: 4-Bromochlorobenzene-PID		109 %	50-150	06/16/20	06/16/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst: RS			Batch: 2025002
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	ç	96.1 %	50-150	06/16/20	06/16/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2025007
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20	
Dil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20	
urrogate: n-Nonane		104 %	50-200	06/15/20	06/16/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst: NE			Batch: 2025010
Chloride	ND	20.0	1	06/16/20	06/16/20	
Totals	mg/kg	mg/kg				
Total Xylenes	ND	0.0250		06/16/20	06/16/20	
Total BTEX	ND	0.0250		06/16/20	06/16/20	
Total TPH (C6-C40)	ND	20.0		06/16/20	06/16/20	



# **QC Summary Data**

Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	19	outh Boyd Feo 9054-0003 ddie Gayton	deral Com	Battery			<b>Reported:</b> 9/18/2020 12:51:42PM
		Analyst: RS							
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2025002-BLK1)						Pre	pared: 06/	15/20 Ana	alyzed: 06/15/20
Benzene	ND	0.0250							
Toluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
o-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.49		8.00		106	50-150			
LCS (2025002-BS1)						Pre	pared: 06/	15/20 Ana	alyzed: 06/15/20
Benzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
p,m-Xylene	10.1	0.0500	10.0		101	70-130			
o-Xylene	5.06	0.0250	5.00		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.63		8.00		108	50-150			
Matrix Spike (2025002-MS1)				Sou	rce: P006	050-01 Pre	pared: 06/	15/20 Ana	alyzed: 06/15/20
Benzene	5.20	0.0250	5.00	ND	104	54.3-133			
Toluene	5.19	0.0250	5.00	ND	104	61.4-130			
Ethylbenzene	5.16	0.0250	5.00	ND	103	61.4-133			
p,m-Xylene	10.3	0.0500	10.0	ND	103	63.3-131			
o-Xylene	5.19	0.0250	5.00	ND	104	63.3-131			
Total Xylenes	15.5	0.0250	15.0	ND	103	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	50-150			
Matrix Spike Dup (2025002-MSD1)				Sou	rce: P006	050-01 Pre	pared: 06/	15/20 Ana	alyzed: 06/15/20
Benzene	4.77	0.0250	5.00	ND	95.3	54.3-133	8.67	20	
Toluene	4.73	0.0250	5.00	ND	94.6	61.4-130	9.30	20	
Ethylbenzene	4.71	0.0250	5.00	ND	94.2	61.4-133	9.18	20	
p,m-Xylene	9.42	0.0500	10.0	ND	94.2	63.3-131	9.19	20	
o-Xylene	4.73	0.0250	5.00	ND	94.7	63.3-131	9.23	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.3	0-200	9.20	200	
Surrogate: 4-Bromochlorobenzene-PID	8.71		8.00		109	50-150			



## **QC Summary Data**

		QC D	umm	ary Data	a				
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	1	outh Boyd Fed 9054-0003 Oddie Gayton	leral Com	Battery			<b>Reported:</b> 9/18/2020 12:51:42PM
	Nor	halogenated C	Organics	by EPA 80	15D - G	RO			Analyst: RS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2025002-BLK1)						Pre	epared: 06/	15/20 Ana	lyzed: 06/15/20
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	50-150			
LCS (2025002-BS2)						Pre	epared: 06/	15/20 Ana	lyzed: 06/15/20
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	50-150			
Matrix Spike (2025002-MS2)				Sou	rce: P0060	)50-01 Pre	epared: 06/	15/20 Ana	lyzed: 06/15/20
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	50-150			
Matrix Spike Dup (2025002-MSD2)				Sou	rce: P0060	050-01 Pre	epared: 06/	15/20 Ana	lyzed: 06/15/20
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	0.802	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	50-150			



## *Received by OCD: 5/7/2021 4:41:59 AM*

# **QC Summary Data**

		QC DI		ary Data	4				
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:		South Boyd Fed 19054-0003 Eddie Gayton	eral Com	Battery			<b>Reported:</b> 9/18/2020 12:51:42PM
	Nonh	alogenated Orga	anics by	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2025007-BLK1)						Pre	epared: 06/	15/20 Ana	alyzed: 06/15/20
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	56.9		50.0		114	50-200			
LCS (2025007-BS1)						Pre	epared: 06/	15/20 Ana	alyzed: 06/15/20
Diesel Range Organics (C10-C28)	442	25.0	500		88.4	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			
Matrix Spike (2025007-MS1)				Sour	ce: P006	0 <b>50-01</b> Pre	epared: 06/	15/20 Ana	alyzed: 06/15/20
Diesel Range Organics (C10-C28)	7930	500	500	7770	31.0	38-132			M4
Surrogate: n-Nonane	56.4		50.0		113	50-200			
Matrix Spike Dup (2025007-MSD1)				Sour	ce: P006	050-01 Pre	epared: 06/	15/20 Ana	alyzed: 06/15/20
Diesel Range Organics (C10-C28)	8050	500	500	7770	56.3	38-132	1.58	20	M4
Surrogate: n-Nonane	56.6		50.0		113	50-200			



.

### *Received by OCD: 5/7/2021 4:41:59 AM*

# **QC Summary Data**

				v					
Spur		Project Name:	So	outh Boyd Fee	leral Com	Battery			Reported:
PO Box 1058		Project Number:	19	9054-0003					-
Hobbs NM, 88240		Project Manager	:: Ес	ddie Gayton				9	9/18/2020 12:51:42PM
		Anions	by EPA 3	<b>300.0/9056</b> A	4				Analyst: NE
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2025010-BLK1)						Pre	pared: 06/1	16/20 Anal	yzed: 06/16/20
Chloride	ND	20.0							
LCS (2025010-BS1)						Pre	pared: 06/1	16/20 Anal	yzed: 06/16/20
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2025010-MS1)				Sou	rce: P006	046-01 Pre	pared: 06/1	16/20 Anal	yzed: 06/16/20
Chloride	1970	40.0	250	1660	124	80-120			M2
Matrix Spike Dup (2025010-MSD1)				Sou	rce: P006	046-01 Pre	pared: 06/1	16/20 Anal	yzed: 06/16/20
Chloride	1770	40.0	250	1660	43.5	80-120	10.8	20	M2

QC Summary Report Comment:

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.



## **Definitions and Notes**

Γ	Spur	Project Name:	South Boyd Federal Com Battery	
	PO Box 1058	Project Number:	19054-0003	Reported:
	Hobbs NM, 88240	Project Manager:	Eddie Gayton	09/18/20 12:51

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

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

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

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



Project Information	Chain of Custody										Page	of
Client: Stor Energy	Bill To			La	b Use	Only		Т	AT	EF	PA Progra	m
Project: South boyd 13 Project Manager: Brody Moubler	Attention: Edolie any tan Address: 4024 Plans Havy	Lab	WO#	x	21	b Num	ber 0000	3 X		RCRA	CWA	SDWA
Address: <u>City, State, Zip</u> <u>Phone: 575 4410212</u> <u>Email: Egaytewa Hungry Horse.com</u> <u>Report due by: Hungry Horsellc</u>	City, State, Zip Louington, WM Phone: 575 44P 0212 Email: Egastan a Hungiy-Hors Lab Numbr	py 80 52	by 8015	021			nd Meth					ute UT AZ
Time Date Matrix No Sampled Sampled Matrix Containers Sample ID	Lab	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010 Chloride 300.0		BGDOC - NM	BGDOC - TX		Ren	narks
6/15 5 1 BH-1	1							X				
BH-2	2							ŕ				
BH-3	3							+				
	4							K				
)))BH-5								X				
								1				
Additional Instructions:												
(field sampler), attest to the validity and authenticity of this sample. I am aware ime of collection is considered fraud and may be grounds for legal action. Sample		>			12.22			vg temp abo	ve 0 but le	ceived on ice the ess than 6 °C on s		DAD CONTRACTOR
elinguísher by: (Signature) elinguísher by: (Signature) Date Date Date Date Date 10: Date 10: Date 10: 10: 10: 10: 10: 10: 10: 10:	5/ Received by: (Signature) Date Beceived by: (Signature) Date		Time		102	eceivec	l on ice:		ab Us / N	e Only		
elinguished by: (Signature) Date Time	Received by: (Signature) Received by: (Signature) Received by: (Signature)	20	Time	30	1		1999 1999 1999	<u>T2</u>			<u>T3</u>	
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Contain	er Type	e:g-g	lass, p		/G Tem /plastic,	ag - aml	T ber glas	is, v - \	VOA		
ote: Samples are discarded 30 days after results are reported unless ot nly to those samples received by the laboratory with this COC. The liat	her arrangements are made. Hazardous samples will be returned to	client or	dispose	ed of at	the clier	t expense	e. The repo	ort for the	analys	is of the abov	ve samples is	applicable
envirotech Analytical Laboratory	5796 US Highway 64, Farmington, NM 87401 24 Howr Emergency Response Phone (800) 362-1879			Ph	(505) 632	-1881 Fx)	(505) 632-18	865	la	envin badmin@env	tech-inc con virotech-inc (	

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Released to Imaging: 7/21/2021 10:46:59 AM

Received by OCD: 5/7/2021 4:41:59 AM

Received by OCD: 5/7/2021 4:41:59 AM



# **Analytical Report**

**Report Summary** 

Client: Spur

Samples Received: 1/2/2020 Job Number: 19054-0003 Work Order: P001005 Project Name/Location: South Boyd 18

Report Reviewed By:

Walter Hinken

Date: 1/3/20

Walter Hinchman, Laboratory Director



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Page 77 of 188



S	Spur	Project Name:	South Boyd 18	
Р	PO box 1058	Project Number:	19054-0003	Reported:
H	Hobbs NM, 88240	Project Manager:	Lindsey Salgado	01/03/20 11:59

## **Analytical Report for Samples**

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP 12-4'	P001005-01A	Soil	12/30/19	01/02/20	Glass Jar, 4 oz.
SP 13-5'	P001005-02A	Soil	12/30/19	01/02/20	Glass Jar, 4 oz.
SP 14-5'	P001005-03A	Soil	12/30/19	01/02/20	Glass Jar, 4 oz.

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Analytical Laboratory	

Spur	Project	Name:	South	n Boyd 18					
PO box 1058	Project	Number:	19054-0003					Reported:	
Hobbs NM, 88240	Project	Manager:	Linds	sey Salgado			01/03/20 11:59		
		S	SP 12-4'						
			05-01 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
Toluene	0.188	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
Ethylbenzene	0.678	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
p,m-Xylene	0.915	0.0500	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
o-Xylene	0.459	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
Total Xylenes	1.37	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8260B	
Surrogate: Toluene-d8		102 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8260B	
Surrogate: Bromofluorobenzene		98.2 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8260B	
Nonhalogenated Organics by 8015 - DRC	/ORO								
Diesel Range Organics (C10-C28)	751	25.0	mg/kg	1	2001001	01/02/20	01/02/20	EPA 8015D	
Oil Range Organics (C28-C40)	251	50.0	mg/kg	1	2001001	01/02/20	01/02/20	EPA 8015D	
Surrogate: n-Nonane		111 %	50-	-200	2001001	01/02/20	01/02/20	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO	)								
Gasoline Range Organics (C6-C10)	24.8	20.0	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		96.3 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8015D	
Surrogate: Toluene-d8		102 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8015D	
Surrogate: Bromofluorobenzene		98.2 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	1210	20.0	mg/kg	1	2001002	01/02/20	01/02/20	EPA 300.0/9056A	

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Spur PO box 1058 Hobbs NM, 88240	Projec	et Name: et Number: et Manager:	Soutl 1905	n Boyd 18 4-0003 sey Salgado				<b>Reported:</b> 01/03/20 11:	
		5	SP 13-5'						
			05-02 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
Ethylbenzene	0.0305	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
o-Xylene	0.0265	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
Total Xylenes	0.0265	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.1 %	70	-130	2001003	01/02/20	01/02/20	EPA 8260B	
Surrogate: Toluene-d8		101 %	70	-130	2001003	01/02/20	01/02/20	EPA 8260B	
Surrogate: Bromofluorobenzene		98.9 %	70	-130	2001003	01/02/20	01/02/20	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO/	ORO								
Diesel Range Organics (C10-C28)	66.1	25.0	mg/kg	1	2001001	01/02/20	01/02/20	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	2001001	01/02/20	01/02/20	EPA 8015D	
Surrogate: n-Nonane		88.8 %	50	-200	2001001	01/02/20	01/02/20	EPA 8015D	
0		00.070	00	-00					
Nonhalogenated Organics by 8015 - GRO Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8015D	
	ND								
Surrogate: 1,2-Dichloroethane-d4		97.1%		-130	2001003 2001003	01/02/20 01/02/20	01/02/20 01/02/20	EPA 8015D EPA 8015D	
Surrogate: Toluene-d8 Surrogate: Bromofluorobenzene		101 % 98.9 %		-130 -130	2001003	01/02/20	01/02/20	EPA 8015D EPA 8015D	
		¥0.¥ 70	70	-150	2001003	01/02/20	01/02/20	LIA 0015D	
Anions by 300.0/9056A									
Chloride	450	20.0	mg/kg	1	2001002	01/02/20	01/02/20	EPA 300.0/9056A	

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Spur	Project	Name:	South	n Boyd 18						
PO box 1058	Project	Number:	1905	4-0003		<b>Reported:</b>				
Hobbs NM, 88240	Project	Manager:	Linds	sey Salgado				01/03/20 11:59		
		S	SP 14-5'							
			05-03 (So	olid)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Volatile Organic Compounds by 8260										
Benzene	ND	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B		
Toluene	0.0585	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B		
Ethylbenzene	0.365	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B		
p,m-Xylene	0.533	0.0500	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B		
o-Xylene	0.285	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B		
Total Xylenes	0.818	0.0250	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8260B		
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8260B		
Surrogate: Toluene-d8		99.7 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8260B		
Surrogate: Bromofluorobenzene		99.1 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8260B		
Nonhalogenated Organics by 8015 - DRO	D/ORO									
Diesel Range Organics (C10-C28)	336	25.0	mg/kg	1	2001001	01/02/20	01/02/20	EPA 8015D		
Oil Range Organics (C28-C40)	77.4	50.0	mg/kg	1	2001001	01/02/20	01/02/20	EPA 8015D		
Surrogate: n-Nonane		85.8 %	50-	-200	2001001	01/02/20	01/02/20	EPA 8015D		
Nonhalogenated Organics by 8015 - GRO	)									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	2001003	01/02/20	01/02/20	EPA 8015D		
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8015D		
Surrogate: Toluene-d8		<i>99.7 %</i>	70-	-130	2001003	01/02/20	01/02/20	EPA 8015D		
Surrogate: Bromofluorobenzene		99.1 %	70-	-130	2001003	01/02/20	01/02/20	EPA 8015D		
Anions by 300.0/9056A										
Chloride	814	20.0	mg/kg	1	2001002	01/02/20	01/02/20	EPA 300.0/9056A		

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Spur	Project Name:	South Boyd 18	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	01/03/20 11:59

### Volatile Organic Compounds by 8260 - Quality Control

#### **Envirotech Analytical Laboratory** Spike %REC RPD Reporting Source Result Limit Units Level Result %REC Limits RPD Limit Notes Analyte Batch 2001003 - Purge and Trap EPA 5030A Blank (2001003-BLK1) Prepared & Analyzed: 01/02/20 1 Benzene ND 0.0250 mg/kg Toluene ND 0.0250 Ethvlbenzene ND 0.0250 ... ., p,m-Xylene ND 0.0500 ND 0.0250 .. o-Xylene .. Total Xylenes ND 0.0250 Surrogate: 1,2-Dichloroethane-d4 0.492 " 0.500 98.4 70-130 Surrogate: Toluene-d8 0.508 ,, 0.500 102 70-130 Surrogate: Bromofluorobenzene 0.470 ,, 0.500 93.9 70-130 LCS (2001003-BS1) Prepared & Analyzed: 01/02/20 1 2.40 0.0250 2.50 70-130 Benzene 96.0 mg/kg Toluene 2 47 0.0250 2 50 98.8 70-130 .. Ethylbenzene 2.56 0.0250 2.50 103 70-130 .. p,m-Xylene 4 95 0.0500 5.00 99.0 70-130 2.48 0.0250 .. 2.50 99.1 70-130 o-Xylene .. 7.43 0.0250 99.0 Total Xylenes 7.50 70-130 Surrogate: 1,2-Dichloroethane-d4 0.504 " 0.500 101 70-130 " Surrogate: Toluene-d8 0.514 0.500 103 70-130 Surrogate: Bromofluorobenzene 0.503 .. 0.500 101 70-130 Matrix Spike (2001003-MS1) Source: P001005-01 Prepared: 01/02/20 1 Analyzed: 01/02/20 2 Benzene 2.40 0.0250 mg/kg 2.50 ND 95.8 48-131 Toluene 2.63 0.0250 2 50 0 1 8 8 976 48-130 Ethylbenzene 3.47 0.0250 .. 2.50 0.678 112 45-135 .. 0.915 p,m-Xylene 6.20 0.0500 5.00 106 43-135 o-Xylene 3.09 0.0250 2.50 0.459 105 43-135 9.30 0.0250 .. 7.50 1.37 106 43-135 Total Xylenes " Surrogate: 1,2-Dichloroethane-d4 0.500 0.500 99.9 70-130 " 0.502 0.500 100 70-130 Surrogate: Toluene-d8 0.515 103 Surrogate: Bromofluorobenzene 0.500 70-130 Matrix Spike Dup (2001003-MSD1) Prepared: 01/02/20 1 Analyzed: 01/02/20 2 Source: P001005-01 2.40 0.333 23 Benzene 0.0250 mg/kg 2.50 ND 96.1 48-131 0 188 0.0250 2 50 117 Toluene 3 10 48-130 16.5 24 Ethylbenzene 5.22 0.0250 2.50 0.678 182 45-135 40.2 27 M2, R3 .. 0.0500 0.915 27 8.58 5.00 153 43-135 32.1 M2, R3 p,m-Xylene " o-Xylene 4.19 0.0250 2 50 0.459 149 43-135 30.0 27 M2, R3 .. Total Xylenes 12.8 0.0250 7.50 1.37 152 43-135 31.4 27 M2, R3 Surrogate: 1,2-Dichloroethane-d4 0.500 0.500 100 70-130 ,, Surrogate: Toluene-d8 0.509 0.500 102 70-130 Surrogate: Bromofluorobenzene 0.515 0.500 103 70-130

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Spur	Project Name:	South Boyd 18	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	01/03/20 11:59

### Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

# Envirotech Analytical Laboratory

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2001001 - DRO Extraction EPA 3570										
Blank (2001001-BLK1) Prepared: 01/02/20 0 Analyzed: 01/02/20 1										
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg							
Oil Range Organics (C28-C40)	ND	50.0	"							
Surrogate: n-Nonane	46.5		"	50.0		93.0	50-200			
LCS (2001001-BS1) Prepared: 01/02/20 0 Analyzed: 01/0					01/02/20 1					
Diesel Range Organics (C10-C28)	442	25.0	mg/kg	500		88.5	38-132			
Surrogate: n-Nonane	46.5		"	50.0		92.9	50-200			
Matrix Spike (2001001-MS1)	Sou	rce: P001005-	01	Prepared: (	01/02/20 0 A	Analyzed: 0	01/02/20 1			
Diesel Range Organics (C10-C28)	1150	25.0	mg/kg	500	751	79.4	38-132			
Surrogate: n-Nonane	60.3		"	50.0		121	50-200			
Matrix Spike Dup (2001001-MSD1) Source: P001005-01				Prepared: (	01/02/20 0 4	Analyzed: 0	01/02/20 1			
Diesel Range Organics (C10-C28)	1140	25.0	mg/kg	500	751	77.8	38-132	0.668	20	
Surrogate: n-Nonane	57.9		"	50.0		116	50-200			
Surrogate: n-Nonane	57.9		,,	50.0		116	50-200			

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Spur	Project Name:	South Boyd 18	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	01/03/20 11:59

### Nonhalogenated Organics by 8015 - GRO - Quality Control

#### **Envirotech Analytical Laboratory** Reporting Spike %REC RPD Source Analyte Result Limit Units Level Result %REC Limits RPD Limit Notes Batch 2001003 - Purge and Trap EPA 5030A Blank (2001003-BLK1) Prepared & Analyzed: 01/02/20 1 Gasoline Range Organics (C6-C10) ND 20.0 mg/kg Surrogate: 1,2-Dichloroethane-d4 0.492 " 0.500 98.4 70-130 Surrogate: Toluene-d8 0.508 " 0.500 102 70-130 " Surrogate: Bromofluorobenzene 0.470 0.500 93.9 70-130 LCS (2001003-BS2) Prepared & Analyzed: 01/02/20 1 Gasoline Range Organics (C6-C10) 59.3 20.0 50.0 119 70-130 mg/kg Surrogate: 1,2-Dichloroethane-d4 0.490 " 0.500 97.9 70-130 " 0.512 0.500 102 70-130 Surrogate: Toluene-d8 " 0.481 96.1 70-130 Surrogate: Bromofluorobenzene 0.500 Prepared: 01/02/20 1 Analyzed: 01/02/20 2 Matrix Spike (2001003-MS2) Source: P001005-01 Gasoline Range Organics (C6-C10) 94.3 24.8 70-130 M2 20.0 mg/kg 50.0 139 0.486 97.2 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 " Surrogate: Toluene-d8 0.514 0.500 103 70-130 " Surrogate: Bromofluorobenzene 0.511 0.500 102 70-130 Matrix Spike Dup (2001003-MSD2) Source: P001005-01 Prepared: 01/02/20 1 Analyzed: 01/02/20 2 Gasoline Range Organics (C6-C10) 136 20.0 24.8 223 70-130 36.4 20 M2, R3 mg/kg 50.0 0.505 Surrogate: 1,2-Dichloroethane-d4 0.500 101 70-130 " 102 0 512 0 500 70-130 Surrogate: Toluene-d8 ,, Surrogate: Bromofluorobenzene 0.516 0.500 103 70-130

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Spur	Project Name:	South Boyd 18					
PO box 1058	Project Number:	19054-0003	Reported:				
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	01/03/20 11:59				
Anions by 300 0/9056A - Quality Control							

## Anions by 300.0/9056A - Quality Control

Envirotech A	Analytical	Laboratory
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Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 2001002 - Anion Extraction EPA 300.0/9056A										
Blank (2001002-BLK1)				Prepared &	Analyzed:	01/02/20 1				
Chloride	ND	20.0	mg/kg							
LCS (2001002-BS1)				Prepared: (	01/02/20 1 A	Analyzed: 0	1/02/20 2			
Chloride	254	20.0	mg/kg	250		102	90-110			
Matrix Spike (2001002-MS1)	Sour	ce: P001005-	01	Prepared: (	01/02/20 1 A	Analyzed: 0	1/02/20 2			
Chloride	1560	20.0	mg/kg	250	1210	140	80-120			M2
Matrix Spike Dup (2001002-MSD1)	Sour	ce: P001005-	01	Prepared: (	01/02/20 1 A	Analyzed: 0	1/02/20 2			
Chloride	1500	20.0	mg/kg	250	1210	115	80-120	4.22	20	

QC Summary Report

Comment:

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 my differ slightly.

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Spur	Project Name:	South Boyd 18	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Lindsey Salgado	01/03/20 11:59

#### **Notes and Definitions**

R3	The RPD exceeded the	acceptance limit. L	CS spike recovery	met acceptance criteria.
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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

\*\* Methods marked with \*\* are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Project Ir	nforma	8 /6 - 5 8				Cha	in C	itody										I	°C 1	_ of <mark>+</mark>
Client: Sour Project: Southoud 18 Project Manager: 16 Undsey Salgudo Address: 10 POX 1058 City, State, Zip 40455 NM			At	Report Attention <u>Report due by:</u> <u>Attention:</u> <u>Attention:</u> Address:		Lab Use Only Lab WO# Job Number P91001005 19054-00 RL Analysis and I			54-000	TAT 1D 3D		12112	E RCRA	EPA Progra						
Phone:	e, Zip Salqua Date Sampled				Ph	ty, State, Zip Ione: nail: NGladdeu Shuug	nj-hor	Lab	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	BGDOC - NM	BGDOC - TX			NM CO	
10:15	12/30/10	25	1	5p 12-4	/	2 2	a la		Å	o V	In the second se	>	5 V	10	BG	BC			•	
1:09	12/30/19	ی ·	l	5p13-5 Sp14-3	-/		×.	2	K	0	10	(	0							
2:40	12/30/19	S	]	Sp14 -:	5			3	Ŕ	Ų	Q	k								
																		_		
							i. See							-						
							1													
I, (field sample time of collec	tion is consider	e validity and a ed fraud and n		this sample. I am awar s for legal action. Samp		ring with or intentionally mislabelling the	sample loca	ition, date or											e day they are san subsequent days.	
at	ed by: (Signa	Black	Date Date 12.	31/19 10	):00	Received by: (Signature) Received by: (Signature)	A m	Date <u>12-31-10</u> Date <u>12-12</u>		Time 70 Time <b>Q:2</b>	00	Ţ	leceive 1 VG Te			21-1 ( <u>1-1-1-1-1</u> )	b Use / N	e Only	<u>T3</u>	
Note: Sampl	es are discarc	ed 30 days a	Sludge, <b>A</b> - A	queous, <b>O</b> - Other are reported unless of	other arrang	gements are made. Hazardous samp	0 ples will be	Container returned to cli	Type ient or	:g-g	ass.	p - pol	v/plasti	C. ag - ;	ambe	er glass for the	s, v - V analysi	/OA s of the abo	ove samples is	applical
Certain Certai	e samples rec	eived by the	laboratory w	ech aboratory	5796 US	e laboratory is limited to the amoun Highway 64, Farmington, NM 87401 Emergency Response Phone (800) 362-	t paid for c	on the report.					-1881 Fx					enviro	tech-inc.com rirotech-inc.co	

Received by OCD: 5/7/2021 4:41:59 AM



# **Analytical Report**

**Report Summary** 

Client: Spur

Samples Received: 12/31/2019 Job Number: 19054-0003 Work Order: P912081 Project Name/Location: South Boyd 18 BTY

Walter Hinkown

Date: 1/3/20

Report Reviewed By:

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted 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 NM009792018-1 for the data reported. Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Page 88 of 188

Spur	Project Name:	South Boyd 18 BTY	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	01/03/20 11:56

## **Analytical Report for Samples**

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SP1-2'	P912081-01A	Soil	12/23/19	12/31/19	Glass Jar, 4 oz.
SP2-2'	P912081-02A	Soil	12/23/19	12/31/19	Glass Jar, 4 oz.
SP3-4'	P912081-03A	Soil	12/23/19	12/31/19	Glass Jar, 4 oz.
SP4-4'	P912081-04A	Soil	12/23/19	12/31/19	Glass Jar, 4 oz.
SP5-4'	P912081-05A	Soil	12/23/19	12/31/19	Glass Jar, 4 oz.
SP7-8'	P912081-06A	Soil	12/23/19	12/31/19	Glass Jar, 4 oz.
SP8-4'	P912081-07A	Soil	12/26/19	12/31/19	Glass Jar, 4 oz.
SP9-4'	P912081-08A	Soil	12/26/19	12/31/19	Glass Jar, 4 oz.
SP10-4'	P912081-09A	Soil	12/26/19	12/31/19	Glass Jar, 4 oz.
SP11-4'	P912081-10A	Soil	12/26/19	12/31/19	Glass Jar, 4 oz.
SP6-6'	P912081-11A	Soil	12/23/19	12/31/19	Glass Jar, 4 oz.

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#### Received by OCD: 5/7/2021 4:41:59 AM



Spur	Project	Name:	Sout	South Boyd 18 BTY						
PO box 1058	Project	Number:	19054-0003					Reported:		
Hobbs NM, 88240	Project	Manager:	Nata	lie Gladden	01/03/20 11:	01/03/20 11:56				
			SP1-2'							
			81-01 (Se	olid)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Volatile Organic Compounds by 8260										
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Toluene-d8		101 %	70	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Bromofluorobenzene		96.0 %	70	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Nonhalogenated Organics by 8015 - DRO/	ORO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Surrogate: n-Nonane		94.2 %	50	-200	1953012	12/31/19	12/31/19	EPA 8015D		
Nonhalogenated Organics by 8015 - GRO										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: 1,2-Dichloroethane-d4		97.0 %	70	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Toluene-d8		101 %	70	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Bromofluorobenzene		96.0 %	70	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Anions by 300.0/9056A										
Chloride	ND	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A		

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Spur	Projec	t Name:	South	h Boyd 18 B	ГΥ				
PO box 1058	Projec	t Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Projec	t Manager:	Nata	lie Gladden				01/03/20 11:56	
			SP2-2'						
		P9120	81-02 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Toluene-d8		101 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.6 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO/ORO	)								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		93.8 %	50	-200	1953012	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		99.3 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Toluene-d8		101 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.6 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	63.3	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A	

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Notes

**Reported:** 01/03/20 11:56

Method

EPA 8260B

EPA 8260B

EPA 8260B

EPA 8260B EPA 8260B

EPA 8260B

EPA 8260B

EPA 8260B

EPA 8260B

EPA 8015D

EPA 8015D

EPA 8015D

EPA 8015D

EPA 8015D

EPA 8015D

Spur	Project	t Name:	Sout	h Boyd 18 B	TY		
PO box 1058	Project	Number:	1905	4-0003			
Hobbs NM, 88240	Project	Manager:	Nata	lie Gladden			
			SP3-4'				
		P9120 Reporting	81-03 (Se	olid)			
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed
Volatile Organic Compounds by 8260	)						
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19
Surrogate: 1,2-Dichloroethane-d4		96.9 %	70	-130	1953010	12/31/19	12/31/19
Surrogate: Toluene-d8		102 %	70	-130	1953010	12/31/19	12/31/19
Surrogate: Bromofluorobenzene		94.9 %	70	-130	1953010	12/31/19	12/31/19

ND

ND

ND

Surrogate: Bromofluorobenzene		94.9 %	70-130	1953010	12/31/19	12/31/19	EPA 8015D
Anions by 300.0/9056A							
Chloride	54.9	20.0 m	ng/kg 1	1953014	12/31/19	01/02/20	EPA 300.0/9056A

25.0

50.0

20.0

96.9 %

102~%

92.5 %

mg/kg

mg/kg

mg/kg

1 1

50-200

1

70-130

70-130

1953012

1953012

1953012

1953010

1953010

1953010

12/31/19

12/31/19

12/31/19

12/31/19

12/31/19

12/31/19

12/31/19

12/31/19

12/31/19

12/31/19

12/31/19

12/31/19

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Diesel Range Organics (C10-C28)

Gasoline Range Organics (C6-C10)

Surrogate: 1,2-Dichloroethane-d4

Nonhalogenated Organics by 8015 - GRO

Oil Range Organics (C28-C40)

Surrogate: n-Nonane

Surrogate: Toluene-d8

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Spur	Projec	t Name:	South	h Boyd 18 B	TY					
PO box 1058	Projec	t Number:	1905	19054-0003				Reported:		
Hobbs NM, 88240	Projec	t Manager:	Natalie Gladden					01/03/20 11:56		
			SP4-4' 81-04 (So	olid)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Volatile Organic Compounds by 8260										
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Toluene-d8		100 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Bromofluorobenzene		95.8 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Nonhalogenated Organics by 8015 - DRO/ORC	)									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Surrogate: n-Nonane		95.9 %	50-	-200	1953012	12/31/19	12/31/19	EPA 8015D		
Nonhalogenated Organics by 8015 - GRO										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: 1,2-Dichloroethane-d4		98.8 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Toluene-d8		100 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Bromofluorobenzene		95.8 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Anions by 300.0/9056A										
Chloride	368	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A		

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Spur	Projec	t Name:	South	h Boyd 18 B	ТҮ					
PO box 1058	Projec	t Number:	1905	4-0003				Reported:		
Hobbs NM, 88240	Projec	t Manager:	Natalie Gladden					01/03/20 11:56		
		P9120	81-05 (Sc	olid)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Volatile Organic Compounds by 8260										
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Toluene-d8		99.3 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Bromofluorobenzene		94.3 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Nonhalogenated Organics by 8015 - DRO/ORG	)									
Diesel Range Organics (C10-C28)	41.6	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Surrogate: n-Nonane		93.2 %	50	-200	1953012	12/31/19	12/31/19	EPA 8015D		
Nonhalogenated Organics by 8015 - GRO										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: 1,2-Dichloroethane-d4		93.3 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Toluene-d8		99.3 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Bromofluorobenzene		94.3 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Anions by 300.0/9056A										
Chloride	101	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A		

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Spur	Projec	t Name:	South Boyd 18 BTY							
PO box 1058	Projec	t Number:	19054-0003					Reported:		
Hobbs NM, 88240	Projec	t Manager:	Natal	ie Gladden			01/03/20 11:56			
			81-06 (Sa	olid)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Volatile Organic Compounds by 8260										
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: 1,2-Dichloroethane-d4		<i>98.2 %</i>	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Toluene-d8		103 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Bromofluorobenzene		97.8 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B		
Nonhalogenated Organics by 8015 - DRO/OR	0									
Diesel Range Organics (C10-C28)	50.3	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Surrogate: n-Nonane		92.2 %	50-	-200	1953012	12/31/19	12/31/19	EPA 8015D		
Nonhalogenated Organics by 8015 - GRO										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: 1,2-Dichloroethane-d4		<i>98.2 %</i>	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Toluene-d8		103 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Bromofluorobenzene		97.8 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D		
Anions by 300.0/9056A										
Chloride	306	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A		

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Spur	Projec	et Name:	South	Boyd 18 B						
PO box 1058	Projec	et Number:	19054-0003					<b>Reported:</b>		
Hobbs NM, 88240	Projec	et Manager:	Natali	Natalie Gladden					01/03/20 11:56	
			SP8-4'							
			81-07 (Sol	id)						
		Reporting								
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes	
Volatile Organic Compounds by 8260										
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: 1,2-Dichloroethane-d4		99.7 %	70-1	130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Toluene-d8		102 %	70-1	130	1953010	12/31/19	12/31/19	EPA 8260B		
Surrogate: Bromofluorobenzene		96.0 %	70-1	130	1953010	12/31/19	12/31/19	EPA 8260B		
Nonhalogenated Organics by 8015 - DRO/O	RO									
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D		
Surrogate: n-Nonane		94.7 %	50-2	200	1953012	12/31/19	12/31/19	EPA 8015D		
Nonhalogenated Organics by 8015 - GRO										
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: 1,2-Dichloroethane-d4		<i>99.7 %</i>	70-1	130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Toluene-d8		102 %	70-1	130	1953010	12/31/19	12/31/19	EPA 8015D		
Surrogate: Bromofluorobenzene		96.0 %	70-1	130	1953010	12/31/19	12/31/19	EPA 8015D		
Anions by 300.0/9056A										
Chloride	201	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A		

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Spur	5	et Name:		h Boyd 18 B	TY				
PO box 1058	e e	et Number:		4-0003				Reported:	
Hobbs NM, 88240	Projec	et Manager:	Nata	lie Gladden					56
			SP9-4'						
			81-08 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		<i>98.2 %</i>	70	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Toluene-d8		99.7 %	70	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Bromofluorobenzene		93.7%	70	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO/OR	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		95.6 %	50	-200	1953012	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		98.2 %	70	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Toluene-d8		99.7 %	70	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Bromofluorobenzene		<i>93</i> .7 %	70	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A	

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	virotech Analytical Laboratory	
Spur	Project Name:	South Boyd 18 BTY
PO box 1058	Project Number:	19054-0003
Hobbs NM, 88240	Project Manager:	Natalie Gladden

**Reported:** 01/03/20 11:56

110005 1111, 88240	110jee	t Wallager.	Natalie Gladud	/11			01/03/20 11.	50
			SP10-4'					
		Reporting	81-09 (Solid)					
Analyte	Result	Limit	Units Dilutio	n Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260								
Benzene	ND	0.0250	mg/kg 1	1953010	12/31/19	12/31/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg 1	1953010	12/31/19	12/31/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg 1	1953010	12/31/19	12/31/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg 1	1953010	12/31/19	12/31/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg 1	1953010	12/31/19	12/31/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg 1	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Toluene-d8		100 %	70-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Bromofluorobenzene		92.7 %	70-130	1953010	12/31/19	12/31/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DR	O/ORO							
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg 1	1953012	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg 1	1953012	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		93.5 %	50-200	1953012	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GR	0							
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg 1	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		97.2 %	70-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Toluene-d8		100 %	70-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Bromofluorobenzene		92.7 %	70-130	1953010	12/31/19	12/31/19	EPA 8015D	
Anions by 300.0/9056A								
Chloride	404	20.0	mg/kg l	1953014	12/31/19	01/02/20	EPA 300.0/9056A	

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e	envirotech Analytical Laboratory	
Spur	Project Name:	South Boyd 18 BTY

PO box 1058	5	ct Number:		4-0003				<b>Reported:</b>	
Hobbs NM, 88240	Proje	ct Manager:	Natal	lie Gladden				01/03/20 11:	56
			SP11-4'						
		P9120 Reporting	81-10 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Toluene-d8		101 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Bromofluorobenzene		97.9 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO/OI	RO								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		92.1 %	50-	-200	1953012	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		97.6 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Toluene-d8		101 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Bromofluorobenzene		97.9 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	76.0	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A	

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Spur	Project	Name:	South	h Boyd 18 B	ТҮ				
PO box 1058	Project	Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Project	Manager:	Nata	lie Gladden				01/03/20 11:	56
			SP6-6'						
		P9120	81-11 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organic Compounds by 8260									
Benzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Toluene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
o-Xylene	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Total Xylenes	ND	0.0250	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: 1,2-Dichloroethane-d4		100 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Toluene-d8		99.6 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Surrogate: Bromofluorobenzene		96.0 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8260B	
Nonhalogenated Organics by 8015 - DRO/OR	0								
Diesel Range Organics (C10-C28)	28.0	25.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953012	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		96.1 %	50-	-200	1953012	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: 1,2-Dichloroethane-d4		100 %	70	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Toluene-d8		99.6 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Surrogate: Bromofluorobenzene		96.0 %	70-	-130	1953010	12/31/19	12/31/19	EPA 8015D	
Anions by 300.0/9056A									
Chloride	533	20.0	mg/kg	1	1953014	12/31/19	01/02/20	EPA 300.0/9056A	

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Spur	Project Name:	South Boyd 18 BTY		l
PO box 1058	Project Number:	19054-0003	Reported:	Ĺ
Hobbs NM, 88240	Project Manager:	Natalie Gladden	01/03/20 11:56	Ĺ

### Volatile Organic Compounds by 8260 - Quality Control

#### **Envirotech Analytical Laboratory** Spike %REC RPD Reporting Source Result Limit Units Level Result %REC Limits RPD Limit Notes Analyte Batch 1953010 - Purge and Trap EPA 5030A Blank (1953010-BLK1) Prepared & Analyzed: 12/31/19 1 Benzene ND 0.0250 mg/kg Toluene ND 0.0250 Ethvlbenzene ND 0.0250 ... ., p,m-Xylene ND 0.0500 ND 0.0250 .. o-Xylene .. Total Xylenes ND 0.0250 Surrogate: 1,2-Dichloroethane-d4 0.469 " 0.500 93.7 70-130 Surrogate: Toluene-d8 0.511 ,, 0.500 102 70-130 Surrogate: Bromofluorobenzene 0.483 ,, 0.500 96.5 70-130 LCS (1953010-BS1) Prepared & Analyzed: 12/31/19 1 2.23 0.0250 2.50 70-130 Benzene 89.2 mg/kg Toluene 2 23 0.0250 2 50 891 70-130 .. Ethylbenzene 2.33 0.0250 2.50 93.3 70-130 .. p,m-Xylene 4 51 0.0500 5.00 90.1 70-130 2.23 0.0250 " 2.50 89.2 70-130 o-Xylene .. 6.74 0.0250 Total Xylenes 7.50 89.8 70-130 Surrogate: 1,2-Dichloroethane-d4 0.490 " 0.500 98.0 70-130 " 70-130 Surrogate: Toluene-d8 0.499 0.500 99.8 Surrogate: Bromofluorobenzene 0.500 .. 0.500 99.9 70-130 Matrix Spike (1953010-MS1) Source: P912081-01 Prepared & Analyzed: 12/31/19 1 Benzene 2.17 0.0250 mg/kg 2.50 ND 86.6 48-131 Toluene 217 0.0250 2 50 ND 86.7 48-130 Ethylbenzene 2.27 0.0250 .. 2.50 ND 90.7 45-135 .. 87.5 43-135 p,m-Xylene 4.38 0.0500 5.00 ND o-Xylene 2.18 0.0250 2.50 ND 87.2 43-135 6.56 0.0250 .. 7.50 ND 87.4 43-135 Total Xylenes ,, Surrogate: 1,2-Dichloroethane-d4 0.487 0.500 97.4 70-130 " 0.504 0.500 101 70-130 Surrogate: Toluene-d8 0.500 70-130 Surrogate: Bromofluorobenzene 0.500 99.9 Matrix Spike Dup (1953010-MSD1) Source: P912081-01 Prepared & Analyzed: 12/31/19 1 2.37 23 Benzene 0.0250 mg/kg 2.50 ND 94.7 48-131 8.87 0.0250 2 50 ND 947 8 82 24 Toluene 2 37 48-130 Ethylbenzene 2.49 0.0250 2.50 ND 99.8 45-135 9.56 27 .. 0.0500 27 4.79 5.00 ND 95.7 43-135 8.93 p,m-Xylene " o-Xylene 2.38 0.0250 2.50 ND 95.4 43-135 8 98 27 .. Total Xylenes 7.17 0.0250 7.50 ND 95.6 43-135 8.95 27 Surrogate: 1,2-Dichloroethane-d4 0.500 0.500 99.9 70-130 ,, Surrogate: Toluene-d8 0.504 0.500 101 70-130 Surrogate: Bromofluorobenzene 0.500 0.500 100 70-130

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 24 Hour Emergency Response Phone (800) 362-1879
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Spur	Project Name:	South Boyd 18 BTY	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	01/03/20 11:56

### Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

#### **Envirotech Analytical Laboratory** Reporting Spike Source %REC RPD Analyte Result Limit Units Level Result %REC Limits RPD Limit Notes Batch 1953012 - DRO Extraction EPA 3570 Blank (1953012-BLK1) Prepared & Analyzed: 12/31/19 1 Diesel Range Organics (C10-C28) ND 25.0 mg/kg Oil Range Organics (C28-C40) ND 50.0 48.7 .. 50-200 Surrogate: n-Nonane 50.0 97.3 LCS (1953012-BS1) Prepared & Analyzed: 12/31/19 1 Diesel Range Organics (C10-C28) 470 25.0 500 94.0 38-132 mg/kg Surrogate: n-Nonane 47.8 " 50.0 95.6 50-200 Matrix Spike (1953012-MS1) Source: P912081-01 Prepared & Analyzed: 12/31/19 1 Diesel Range Organics (C10-C28) 484 25.0 500 ND 96.8 38-132 mg/kg 48.5 Surrogate: n-Nonane 50.0 97.0 50-200 Matrix Spike Dup (1953012-MSD1) Source: P912081-01 Prepared & Analyzed: 12/31/19 1 Diesel Range Organics (C10-C28) 490 25.0 500 ND 98.0 38-132 1.18 20 mg/kg Surrogate: n-Nonane 49.4 " 50.0 98.7 50-200

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Spur	Project Name:	South Boyd 18 BTY	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	01/03/20 11:56

### Nonhalogenated Organics by 8015 - GRO - Quality Control

#### **Envirotech Analytical Laboratory** Reporting Spike %REC RPD Source Analyte Result Limit Units Level Result %REC Limits RPD Limit Notes Batch 1953010 - Purge and Trap EPA 5030A Blank (1953010-BLK1) Prepared & Analyzed: 12/31/19 1 Gasoline Range Organics (C6-C10) ND 20.0 mg/kg Surrogate: 1,2-Dichloroethane-d4 0.469 " 0.500 93.7 70-130 Surrogate: Toluene-d8 0.511 " 0.500 102 70-130 " Surrogate: Bromofluorobenzene 0.483 0.500 96.5 70-130 LCS (1953010-BS2) Prepared & Analyzed: 12/31/19 1 Gasoline Range Organics (C6-C10) 55.5 20.0 50.0 111 70-130 mg/kg Surrogate: 1,2-Dichloroethane-d4 0.499 " 0.500 99.8 70-130 " 0.514 0.500 103 70-130 Surrogate: Toluene-d8 " 0.485 0.500 97.0 70-130 Surrogate: Bromofluorobenzene Matrix Spike (1953010-MS2) Source: P912081-01 Prepared & Analyzed: 12/31/19 1 Gasoline Range Organics (C6-C10) 60.9 70-130 20.0 mg/kg 50.0 ND 122 0.484 70-130 Surrogate: 1,2-Dichloroethane-d4 0.500 96.8 " Surrogate: Toluene-d8 0.505 0.500 101 70-130 " Surrogate: Bromofluorobenzene 0.500 0.500 99.9 70-130 Matrix Spike Dup (1953010-MSD2) Prepared & Analyzed: 12/31/19 1 Source: P912081-01 Gasoline Range Organics (C6-C10) 51.8 20.0 mg/kg 50.0 ND 104 70-130 16.2 20 Surrogate: 1,2-Dichloroethane-d4 0.498 0.500 99.5 70-130 " 101 0 507 0 500 70-130 Surrogate: Toluene-d8 ,, Surrogate: Bromofluorobenzene 0.491 0.500 98.1 70-130

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Spur PO box 1058 Hobbs NM, 88240	Pro	ject Name: ject Number: ject Manager:	19	outh Boyd 18 9054-0003 atalie Gladde					<b>Report</b> 01/03/20	
Anions by 300.0/9056A - Quality Control Envirotech Analytical Laboratory										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1953014 - Anion Extraction Blank (1953014-BLK1)	EPA 300.0/9056A			Prepared: 1	2/31/19 1 4	Analyzed: 0	1/02/20 1			

				1		5				
Chloride	ND	20.0	mg/kg							
LCS (1953014-BS1)				Prepared: 1	2/31/19 1 A	Analyzed: (	01/02/20 1			
Chloride	251	20.0	mg/kg	250		100	90-110			
Matrix Spike (1953014-MS1)	Source: P912078-01			Prepared: 1	2/31/19 1 A	Analyzed: (	01/02/20 1			
Chloride	338	20.0	mg/kg	250	57.5	112	80-120			
Matrix Spike Dup (1953014-MSD1)	Source: P912078-01			Prepared: 1	2/31/19 1 4	Analyzed: (	01/02/20 1			
Chloride	341	20.0	mg/kg	250	57.5	114	80-120	1.06	20	

QC Summary Report

Comment:

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 my differ slightly.

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Spur	Project Name:	South Boyd 18 BTY	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Natalie Gladden	01/03/20 11:56

#### **Notes and Definitions**

ND	Analyte NOT DETECTED at or above the reporting limit
----	--

NR Not Reported

RPD Relative Percent Difference

\*\* Methods marked with \*\* are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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Released	Project Ir	oformatio	n
to	Client:	Spu	x
Im	Project:	Sait	7
Imagin	Project N	Aanager:	E
ing	Address:	1- 10	
1	City, Stat	e, Zip	
2	Phone:		
1/20	Email:		
21	Time	Date	
10	Sampled	Sampled	
0:46:59	8:07	12/23	
AM	9:31	12/23	

# Chain of Custody

<sup>p</sup> roject Ir	nformatio	n				Chain of	Custody										F	Page	of _ O
Client: Spur Project: Sauth Bayo 18 Bhy Project Manager: Eablue Blacker Address: Martarke Gladden			Atte Add	Report Attention Report due by: 3-DA4 Attention: Lostalie Ciloadden Address: P. O. Box 1058			wo#			se Only Job Number 1 19054 - 0003 Analysis and Method				AT 3D	E RCRA	EPA Prog	ram 0 SDV 0 tate		
City, Stat Phone: Email:		-			Pho	State, Zip Hobbs, Nin ne: il: ng boblen@hun	icon	DRO/ORO by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	1005	WN-	C - TX		e.	NM C	D UT A
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID		0	Lab Number	DRO/(	GRO/I	BTEX	vocb	Chlori	TCEQ 1005	BGDOC - NM	BGDOC - TX			Re	emarks
8:07	12/23	S	1	SP1-2	, 1									5	_				
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ote Sample	es are discarc	ed 30 days a	after results a			ments are made. Hazardous samples wi aboratory is limited to the amount paid												ove sample	s is applicable
e	*	nvi	rot	ech	5796 US H	ighway 64, Farmington, NM 87401 mergency Response Phone (800) 362-1879				Ph	(505) 63	32-1881	Fx (505) 6	32-1865	5	lab		otech-inc.co virotech-inc	44.54

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Pro	iect	Info	rma	tion
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Chain	of Custody

Client:       Report Attention         Project:       Boyon Boyon S Boyon         Project Manager:       Notable Global         Address:       Address:					Lab PC	Lab Use Only Lab WO# Job Number P912081 19054-00 Analysis and Me					TA 1D		E RCRA	EPA Program					
City, State Phone: Email:	e, Zip				<u>City,</u> Phon Emai		88270	DRO/ORO by 8015	GRO/DRO by 8015	8021	8260	300.0	05	WN	-TX			NM CO	UT
Time Sampled	Date Sampled	Matrix	No Containers	Sample ID			Lab Number	DRO/OR	GRO/DR	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	BGDOC - NM	BGDOC - TX			Ren	narks
3:17	12/23	S	ſ	SPLe -	- Le '	6. <sup>4</sup>	11						-	X					
						3							-						
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dditiona	al Instruct	tions:					×												
				this sample. I am aware t s for legal action. Sample		with or intentionally mislabelling the sample lo	cation, date or					(						e day they are sa subsequent day:	
Dete	d by: (Signa d by: (Signa	ladd	Date Date	<u>20 19 11:0</u> Time	10	Received by: (Signature)	Date 12-30 Date	19	Time	40		Receive			1	b Use / N	e Only	<u>T3</u>	
			Sludge, <b>A</b> - A	queous, <b>O</b> - Other	her arrangen	nents are made. Hazardous samples will b	Container e returned to c	r Type	e: g - g		<b>p</b> - po		ic, ag -	ambe				ove samples i	s appli
	samples rece	eived by the	laboratory w			boratory is limited to the amount paid for						*		NC 3.5				tech-inc.com	

Received by OCD: 5/7/2021 4:41:59 AM



# **Analytical Report**

**Report Summary** 

Client: Spur

Samples Received: 12/31/2019 Job Number: 19054-0003 Work Order: P912082 Project Name/Location: South Boyd 18

Walter Hindur

Date: 1/3/20

Report Reviewed By:

Walter Hinchman, Laboratory Director



Envirotech Inc. certifies the test results meet all requirements of TNI unless footnoted 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 NM009792018-1 for the data reported. Envirotech, Inc, holds the Texas TNI certification T104704557-19-2 for the data reported.

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Spur	Project Name:	South Boyd 18	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Fabian Franco	01/03/20 12:05

## **Analytical Report for Samples**

Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SW1	P912082-01A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW2	P912082-02A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW3	P912082-03A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW4	P912082-04A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW5	P912082-05A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW6	P912082-06A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW7	P912082-07A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW8	P912082-08A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW9	P912082-09A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW10	P912082-10A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW11	P912082-11A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.
SW12	P912082-12A	Soil	12/27/19	12/31/19	Glass Jar, 4 oz.

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Spur	Projec	Project Name:		h Boyd 18					
PO box 1058	Projec	t Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Projec	t Manager:	Fabian Franco					01/03/20 12:0	)5
			SW1						
			82-01 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1953011	12/31/19	01/02/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/OR	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		85.2 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.3 %	50	-150	1953011	12/31/19	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2001002	01/02/20	01/02/20	EPA 300.0/9056A	

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Spur	Projec	et Name:	Sout	h Boyd 18					
PO box 1058	Projec	et Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Projec	et Manager:	Fabia	an Franco				01/03/20 12:0	05
			SW2						
			82-02 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1953011	12/31/19	01/02/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORG	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		86.4 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.3 %	50	-150	1953011	12/31/19	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2001002	01/02/20	01/02/20	EPA 300.0/9056A	

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Spur	Projec	et Name:	Sout	h Boyd 18					
PO box 1058	Projec	et Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Projec	t Manager:	Fabia	Fabian Franco				01/03/20 12:	05
			SW3						
			82-03 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1953011	12/31/19	01/02/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		87.9 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	50	-150	1953011	12/31/19	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2001002	01/02/20	01/02/20	EPA 300.0/9056A	

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Spur	Project Name:		Sout	h Boyd 18					
PO box 1058	Proje	et Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Proje	et Manager:	Fabia	Fabian Franco				01/03/20 12:	05
			SW4						
			82-04 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %	50	-150	1953011	12/31/19	01/02/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		88.9 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		83.0 %	50	-150	1953011	12/31/19	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Projec	t Name:	Sout	h Boyd 18					
PO box 1058	Projec	t Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Projec	t Manager:	Fabia	an Franco				01/03/20 12:	05
			SW5						
			82-05 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1953011	12/31/19	01/02/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/OR	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		89.3 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.0 %	50	-150	1953011	12/31/19	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	137	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Projec	Project Name:		h Boyd 18					
PO box 1058	Projec	et Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Projec	et Manager:	Fabia	Fabian Franco				01/03/20 12:	05
			SW6						
			82-06 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1953011	12/31/19	01/02/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/OR	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		88.5 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.6 %	50	-150	1953011	12/31/19	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Project Name:		Sout	h Boyd 18					
PO box 1058	Proje	ct Number:	1905	4-0003				Reported:	
Hobbs NM, 88240	Proje	ct Manager:	Fabian Franco					01/03/20 12:	05
			SW7						
			82-07 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		102 %	50	-150	1953011	12/31/19	01/02/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORO	)								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		86.6 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.5 %	50	-150	1953011	12/31/19	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	325	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Proje	ect Name:	Sout	h Boyd 18					
PO box 1058	Proje	ect Number:	1905	54-0003				Reported:	
Hobbs NM, 88240	Proje	ect Manager:	Fabia	an Franco				01/03/20 12:	05
			SW8						
			82-08 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %	50	-150	1953011	12/31/19	01/02/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORG	)								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		88.5 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/02/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.4 %	50	-150	1953011	12/31/19	01/02/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	290	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Proje	ect Name:	Sout	h Boyd 18					
PO box 1058	Proje	ect Number:	1905	54-0003				Reported:	
Hobbs NM, 88240	Proje	ect Manager:	Fabi	an Franco				01/03/20 12:	05
			SW9						
			82-09 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %	50	-150	1953011	12/31/19	01/03/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORG	)								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		89.9 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		82.8 %	50	-150	1953011	12/31/19	01/03/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	30.2	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Proje	Project Name:		h Boyd 18					
PO box 1058	Proje	ect Number:	1905	4-0003				<b>Reported:</b>	
Hobbs NM, 88240	Proje	ect Manager:	Fabian Franco					01/03/20 12:	05
			SW10						
			82-10 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %	50	-150	1953011	12/31/19	01/03/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/OR	0								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		90.4 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8015D	
- Surrogate: 1-Chloro-4-fluorobenzene-FID		82.5 %	50	-150	1953011	12/31/19	01/03/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	59.0	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Proje	ct Name:	Sout	h Boyd 18					
PO box 1058	Proje	ct Number:	19054-0003					Reported:	
Hobbs NM, 88240	Proje	ct Manager:	Fabian Franco					01/03/20 12:	05
			SW11						
		P9120	82-11 (So	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Toluene	0.0250	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
o-Xylene	0.0303	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Total Xylenes	0.0303	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		101 %	50	-150	1953011	12/31/19	01/03/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/O	RO								
Diesel Range Organics (C10-C28)	57.0	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		88.7 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.5 %	50	-150	1953011	12/31/19	01/03/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	21.0	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Proje	et Name:	Sout	h Boyd 18					
PO box 1058	Projec	et Number:	19054-0003					Reported:	
Hobbs NM, 88240	Projec	et Manager:	Fabian Franco					01/03/20 12:	05
			SW12						
			82-12 (Se	olid)					
		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Volatile Organics by EPA 8021									
Benzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Toluene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Ethylbenzene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
p,m-Xylene	ND	0.0500	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
o-Xylene	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Total Xylenes	ND	0.0250	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8021B	
Surrogate: 4-Bromochlorobenzene-PID		100 %	50	-150	1953011	12/31/19	01/03/20	EPA 8021B	
Nonhalogenated Organics by 8015 - DRO/ORG	)								
Diesel Range Organics (C10-C28)	ND	25.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Oil Range Organics (C28-C40)	ND	50.0	mg/kg	1	1953013	12/31/19	12/31/19	EPA 8015D	
Surrogate: n-Nonane		85.9 %	50	-200	1953013	12/31/19	12/31/19	EPA 8015D	
Nonhalogenated Organics by 8015 - GRO									
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg	1	1953011	12/31/19	01/03/20	EPA 8015D	
Surrogate: 1-Chloro-4-fluorobenzene-FID		81.2 %	50	-150	1953011	12/31/19	01/03/20	EPA 8015D	
Anions by 300.0/9056A									
Chloride	ND	20.0	mg/kg	1	2001002	01/02/20	01/03/20	EPA 300.0/9056A	

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Spur	Project Name:	South Boyd 18		ĺ
PO box 1058	Project Number:	19054-0003	Reported:	ĺ
Hobbs NM, 88240	Project Manager:	Fabian Franco	01/03/20 12:05	ĺ

#### Volatile Organics by EPA 8021 - Quality Control

#### **Envirotech Analytical Laboratory**

			<b>J</b> •-		···· J					
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1953011 - Purge and Trap EPA 5030A										
Blank (1953011-BLK1)				Prepared:	12/31/19 1 4	Analyzed: 0	01/02/20 1			
Benzene	ND	0.0250	mg/kg							
Toluene	ND	0.0250	"							
Ethylbenzene	ND	0.0250	"							
p,m-Xylene	ND	0.0500	"							
p-Xylene	ND	0.0250	"							
Total Xylenes	ND	0.0250	"							
Surrogate: 4-Bromochlorobenzene-PID	7.89		"	8.00		98.7	50-150			
LCS (1953011-BS1)				Prepared:	12/31/19 1 A	Analyzed: 0	01/02/20 1			
Benzene	4.59	0.0250	mg/kg	5.00		91.9	70-130			
Toluene	4.76	0.0250	"	5.00		95.3	70-130			
Ethylbenzene	4.71	0.0250	"	5.00		94.3	70-130			
p,m-Xylene	9.37	0.0500	"	10.0		93.7	70-130			
o-Xylene	4.68	0.0250	"	5.00		93.5	70-130			
Total Xylenes	14.1	0.0250	"	15.0		93.7	70-130			
Surrogate: 4-Bromochlorobenzene-PID	8.13		"	8.00		102	50-150			
Matrix Spike (1953011-MS1)	Sou	ırce: P912082-	01	Prepared:	12/31/19 1 <i>A</i>	Analyzed: (	01/02/20 1			
Benzene	4.89	0.0250	mg/kg	5.00	ND	97.8	54.3-133			
Toluene	5.01	0.0250	"	5.00	ND	100	61.4-130			
Ethylbenzene	4.98	0.0250	"	5.00	ND	99.6	61.4-133			
o,m-Xylene	9.90	0.0500	"	10.0	ND	99.0	63.3-131			
p-Xylene	4.94	0.0250	"	5.00	ND	98.8	63.3-131			
Total Xylenes	14.8	0.0250	"	15.0	ND	98.9	63.3-131			
Surrogate: 4-Bromochlorobenzene-PID	8.20		"	8.00		103	50-150			
Matrix Spike Dup (1953011-MSD1)	Sou	ırce: P912082-	01	Prepared:	12/31/19 1 4	Analyzed: (	01/02/20 1			
Benzene	4.63	0.0250	mg/kg	5.00	ND	92.6	54.3-133	5.38	20	
Toluene	4.79	0.0250	"	5.00	ND	95.9	61.4-130	4.39	20	
Ethylbenzene	4.73	0.0250	"	5.00	ND	94.6	61.4-133	5.09	20	
o,m-Xylene	9.39	0.0230		10.0	ND	94.0	63.3-131	5.24	20	
p-Xylene	4.69	0.0250		5.00	ND	93.9	63.3-131	5.18	20	
Total Xylenes	4.09	0.0250		15.0	ND	93.9	63.3-131	5.22	20	
Surrogate: 4-Bromochlorobenzene-PID	8.18	0.0250	"	8.00		102	50-150	0.22	20	

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Spur	Project Name:	South Boyd 18	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Fabian Franco	01/03/20 12:05

#### Nonhalogenated Organics by 8015 - DRO/ORO - Quality Control

#### **Envirotech Analytical Laboratory** Reporting Spike Source %REC RPD Analyte Result Limit Units Level Result %REC Limits RPD Limit Notes Batch 1953013 - DRO Extraction EPA 3570 Blank (1953013-BLK1) Prepared & Analyzed: 12/31/19 1 Diesel Range Organics (C10-C28) ND 25.0 mg/kg Oil Range Organics (C28-C40) ND 50.0 42.5 .. 50-200 Surrogate: n-Nonane 50.0 85.0 LCS (1953013-BS1) Prepared & Analyzed: 12/31/19 1 Diesel Range Organics (C10-C28) 451 25.0 500 90.1 38-132 mg/kg Surrogate: n-Nonane 43.6 " 50.0 87.2 50-200 Matrix Spike (1953013-MS1) Source: P912082-01 Prepared & Analyzed: 12/31/19 1 Diesel Range Organics (C10-C28) 493 25.0 500 ND 98.6 38-132 mg/kg Surrogate: n-Nonane 46.2 50.0 92.3 50-200 Matrix Spike Dup (1953013-MSD1) Source: P912082-01 Prepared & Analyzed: 12/31/19 1 Diesel Range Organics (C10-C28) 557 25.0 500 ND 111 38-132 12.2 20 mg/kg Surrogate: n-Nonane 52.8 " 50.0 106 50-200

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Spur	Project Name:	South Boyd 18	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Fabian Franco	01/03/20 12:05

#### Nonhalogenated Organics by 8015 - GRO - Quality Control

Envirotech Analytical Laboratory										
Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1953011 - Purge and Trap EPA 5030A	Result	Emin	ents	Lever	Result	, uitee	Linits		Linit	110105
Blank (1953011-BLK1)				Prepared: 1	2/31/19 1 A	Analyzed: 0	1/02/20 1			
Gasoline Range Organics (C6-C10)	ND	20.0	mg/kg							
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.55		"	8.00		81.9	50-150			
LCS (1953011-BS2)				Prepared: 1	2/31/19 1 A	Analyzed: 0	1/02/20 1			
Gasoline Range Organics (C6-C10)	47.3	20.0	mg/kg	50.0		94.7	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.57		"	8.00		82.1	50-150			
Matrix Spike (1953011-MS2)	Sour	ce: P912082-	01	Prepared: 12/31/19 1 Analyzed: 01/02/20 1			1/02/20 1			
Gasoline Range Organics (C6-C10)	45.6	20.0	mg/kg	50.0	ND	91.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.65		"	8.00		83.2	50-150			
Matrix Spike Dup (1953011-MSD2)	Sour	ce: P912082-	01	Prepared: 1	2/31/19 1 A	Analyzed: 0	1/02/20 2			
Gasoline Range Organics (C6-C10)	45.1	20.0	mg/kg	50.0	ND	90.1	70-130	1.23	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	6.70		"	8.00		83.8	50-150			

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Spur	Proje	ct Name:	S	outh Boyd 18						
PO box 1058	Proje	ct Number:	1	9054-0003					Report	ed:
Hobbs NM, 88240	Project Manager: Fabian Franco 01/03					01/03/20	3/20 12:05			
	Anior	ns by 300.0	0/9056A	- Quality	Control					
	Env	virotech A	Analyti	cal Labor	atory					
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 2001002 - Anion Extraction EPA 3	00.0/9056A									
Blank (2001002-BLK1)				Prepared &	Prepared & Analyzed: 01/02/20 1					
Chloride	ND	20.0	mg/kg							
LCS (2001002-BS1)				Prepared: (	Prepared: 01/02/20 1 Analyzed: 01/02/20 2					
Chloride	254	20.0	mg/kg	250		102	90-110			
Matrix Spike (2001002-MS1)	Sourc	e: P001005-	01	Prepared: (	Prepared: 01/02/20 1 Analyzed: 01/02/20 2					
Chloride	1560	20.0	mg/kg	250	1210	140	80-120			M2
Matrix Spike Dup (2001002-MSD1)	Sourc	e: P001005-	01	Prepared: (	01/02/20 1 4	Analyzed: 0	1/02/20 2			

Chloride 1500 20.0 mg/kg 250 1210 115 80-120 4.22 20

QC Summary Report

Comment:

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 my differ slightly.

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 Labadmin@envirotech-inc.com

Spur	Project Name:	South Boyd 18	
PO box 1058	Project Number:	19054-0003	Reported:
Hobbs NM, 88240	Project Manager:	Fabian Franco	01/03/20 12:05

#### **Notes and Definitions**

M2	Matrix spike recovery was outside quality control limits. The associated LCS spike recovery was acceptable.
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ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

\*\* Methods marked with \*\* are non-accredited methods.

Soil data is reported on an "as received" weight basis, unless reported otherwise.

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5796 Highway 64, Farmington, NM 87401

Ph (505) 632-0615 Fx (505) 632-1865

envirotech-inc.com Labadmin@envirotech-inc.com

Project Info	ormation	

1.		- 6	Custadu	
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Reproject Info	rmatior	n P			Chain of C	ustody											Page		Page 20 of 21
Client: 5		8			Report Attention		a trans		La	b Us	e Only		Sugar.	T	AT		EPA Prog	ram	
Project:	oub	Boud	18		Report due by;	L		WO#			Job Nu	umber		1D	3D	RCRA	CWA	SDV	<u>e</u>
Project Mar	nager; 1	Eabia	NF	Vauco	Attention: Atale Gadole	in	P	121	385			54-1			/				a a
Address: D					Address:	271					Analysi	s and N	1etho	d				tate	4
City, State,	Zip Ho	bbs r	JW1		City, State, Zip	<u></u>	015	015									NM CC	) UT	AZ
Phone:	-	-			Phone:	. 1.	by 8	by 8	021	60	0.00		-	×					2
Email: 📐 🕂		Franc	USTUR	19 -horse:ce	Email: Ngladdug hull		ORG	0g	oy 8(	y 82	de 3	1005	NN-	C - TX					
Time Sampled S	Date Sampled	Matrix	No Containers	Sample ID	Ŭ	Lab	DRO/ORO-by 8015	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	BGDOC - NM	BGDOC -			Re	marks	
o Jampieu J	ampieu					Number	0	U	œ	>	0	Ĕ	<u> </u>	â					
8:58 12	2/27	50;1	1	SINI	<								1						
7:30	(	1	1	SW-2	-	2													
9:43	1			SW 3	_	3		1											
10:06	/			SINY -		4													
10:19	(		(	565		5													
10:33				566		6													
10:57	1	$\langle$		5607		7													
11:23				568		8													
11.52				Swg		9													
1:40			(	5010		10													
Additional	Instruct	tions:		sult			I							1					
		1	uthenticity of t	his sample. I am aware	that tampering with or intentionally mislabelling the sample lo	ocation, date or					Samples ree	uiring ther	mal prese	rvation n	nust be rec	ceived on ice	the day they are	ampled or	
time of collection	is considere	ed fraud and m	ay be grounds	for legal action. Sample	d by:	1					received pa	cked in ice	at an avg	temp abo	ve 0 but le	ess than 6 °C	on subsequent da	iys.	
Relinquished b	by: (Signa	ture)	Date		Received by: (Signature)	Date		Time		-	1.1.1			$\cap$		e Only			
1 pt	In	500	all-12	12011 11	45 2-50	T 12.30	19		45	>	Receiv	ed on	ice:	Y	)/ N				
Relinquished b	by: (Signa	ture)	Date	and the second sec	Received by (Signature)	Date		Time	0		<u>T1</u>			T2			<u>T3</u>		-
T	1	A			505 Raina Lop-2	1-11	9	9:		_	AVG T	and a part of the second second	_	4					Store 1
			•	queous, <b>O</b> - Other	ther arrangements are made. Hazardous samples will l	Container											hove complex	is applice	bla
					bility of the laboratory is limited to the amount paid fo		ient of	uispos	eu or al	the c	nent exp	inse. in	erepor	rorin	e andiys	is of the a	souve samples	is applica	ane
C	e	nvi	rot	ech	5796 US Highway 64, Farmington, NM 87401			,	Ph (	505) 6	32-1881 F	x (505) 6	32-1865				irotech-inc.co	31.03	1
		Analy	tical L	aboratory	24 Hour Emergency Response Phone (800) 362-1879										lab	admin@e	nvirotech-inc.	com	oor fo

Project Information <u>Client:</u> <u>SPur</u> <u>Project:</u> <u>South Boyd</u> <u>Project Manager:</u> <u>Fabian</u> <u>Franco</u> <u>Address:</u> <u>City, State, Zip</u>	Chain of Cus	tody										ł	Page Z	
Client: SPur	Report Attention				La	b Us	e Only			T/	AT	E	PA Progra	Page 21 of 2
Project: South Boyd	Report due by:		Lab	WO#	The second second second	and the state of the	Job Nu	mber	12	1D	3D	RCRA	CWA	SDV Q
Project Manager: Fabian Franco	Attention: Natalie Gladde	n		20		1101	1905	54-00	03		~			<b>D</b> ag
Address:	Address:					1		s and N					Sta	te 🗍
City, State, Zip	City, State, Zip		15	15									NM CO	UT AZ
Phone: <u>Email:</u> Time Date No Completion	Phone:		oy 8(	oy 80	21	0	0.0							02
<u>Email:</u>	Email: natalie		ROI	ROt	y 80	, 826	le 30	005	- NM	Ê				4
		Lab Number	DRO/ORO by 8015	GRO/DRO by 8015	ВТЕХ by 8021	VOC by 8260	Chloride 300.0	TCEQ 1005	BGDOC - NM	BGDOC - TX			Rem	arks
Sampled Sampled Maria Containers Sample D	2	11							C					9 AM
		12							2					
2:25 12/27 SOIL 1 SW12	2	12							N					
						_		-						
		ACCE SE												
										-				
		1998 - S												
									-					
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	10	12 28					11							
Additional Instructions:														
I, (field sampler), attest to the validity and authenticity of this sample. I am awa		tion, date or				- 1	tero a di contra per per	Construction of the Construction of the					he day they are sam n subsequent days.	pled or
time of collection is considered fraud and may be grounds for legal action. Sam Relinquished by: (Signature)		Date		Time		_				1:	hlls	e Only		
V a tol 10 - att 12/30/19	11:45 50	12.30.1			145	5	Receiv	ed on	ice:		/ N	c Only		States.
Relinquished by: (Signature) Date Time	Received by: (Signature)	Date		Time			T1			T2			<u>T3</u>	
20 12-30-19 1	505 Raina Jon m	2311	7	9:	30		AVG T	emp °C	54	4				
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other		Container		: <b>g -</b> g	lass,	<b>p</b> - po	ly/plas	tic, ag -	amb					
Note: Samples are discarded 30 days after results are reported unless only to those samples received by the laboratory with this COC. The			ient or	dispos	ed of a	t the cl	ient expe	ense. The	e repor	t for the	e analys	is of the ab	ove samples is	applicable
											Sec. 25		in a start and	
envirotech	5795 US Highway 64, Farmington, NM 87401				Ph (	(505) 63	82-1881 F	x (505) 63	32-1865	~			otech-inc.com	128 6
Analytical Laboratory	24 Hour Emergency Response Phone (800) 362-1879										lab	admin@en	virotech-inc.co	of 188
•														88

Report to: Eddie Gayton PO Box 1058 Hobbs, NM 88240



5796 U.S. Hwy 64 Farmington, NM 87401

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





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## **Analytical Report**

## Spur

Project Name:	South Boyd Federal Com Battery
Work Order:	P006052
Job Number:	19054-0003
Received:	6/16/2020

Revision: 2

Report Reviewed By: *Walter Hinchman* Walter Hinchman Laboratory Director 9/18/20

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 NM009792018-1 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported. Report to: Brady Moulder PO Box 1058 Hobbs, NM 88240



5796 U.S. Hwy 64 Farmington, NM 87401

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





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## **Analytical Report**

## Spur

Project Name:	South Boyd Federal Com Battery
Work Order:	P006044
Job Number:	19054-0003
Received:	6/12/2020

Revision: 2

Report Reviewed By: *Walter Hinchman* Walter Hinchman Laboratory Director 9/18/20

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Brady Moulder PO Box 1058 Hobbs, NM 88240



Page 131 of 188

Project Name: South Boyd Federal Com Battery Workorder: P006044 Date Received: 6/12/2020 9:45:00AM

Brady Moulder,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/12/2020 9:45:00AM, under the Project Name: South Boyd Federal Com Battery.

The analytical test results summarized in this report with the Project Name: South Boyd Federal Com Battery 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 Lopez Laboratory Administrator Office: 505-632-1881 rlopez@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SWC-N-1'	5
QC Summary Data	6
QC - Volatile Organics by EPA 8021B	6
QC - Nonhalogenated Organics by EPA 8015D - GRO	7
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	8
QC - Anions by EPA 300.0/9056A	9
Definitions and Notes	10
Chain of Custody etc.	11

		Sample Sum			
Spur		Project Name:	South Boyd Federal	Com Battery	Depented
PO Box 1058		Project Number:	19054-0003		Reported:
Hobbs NM, 88240		Project Manager:	Brady Moulder		09/18/20 12:51
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SWC-N-1'	P006044-01A	Soil	06/11/20	06/12/20	Glass Jar, 4 oz.



		impic D										
Spur	Project Name:											
PO Box 1058	Project Numbe	r: 1903	54-0003			Reported:						
Hobbs NM, 88240	Project Manage	er: Brac	ly Moulder			9/18/2020 12:51:04PM						
	SWC-N-1'											
	P00	6044-01 (Soli	d)									
		Reporting										
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes						
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RS		Batch: 2024026						
Benzene	ND	0.0250	1	06/12/20	06/12/20							
Toluene	ND	0.0250	1	06/12/20	06/12/20							
Ethylbenzene	ND	0.0250	1	06/12/20	06/12/20							
o,m-Xylene	ND	0.0500	1	06/12/20	06/12/20							
o-Xylene	ND	0.0250	1	06/12/20	06/12/20							
Total Xylenes	ND	0.0250	1	06/12/20	06/12/20							
Surrogate: 4-Bromochlorobenzene-PID		105 %	50-150	06/12/20	06/12/20							
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	Analyst: RS								
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/12/20	06/12/20							
Surrogate: 1-Chloro-4-fluorobenzene-FID		93.1 %	50-150	06/12/20	06/12/20							
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2024027						
Diesel Range Organics (C10-C28)	ND	25.0	1	06/12/20	06/12/20							
Dil Range Organics (C28-C40)	ND	50.0	1	06/12/20	06/12/20							
Surrogate: n-Nonane		101 %	50-200	06/12/20	06/12/20							
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: NE		Batch: 2024025						
Chloride	ND	20.0	1	06/12/20	06/12/20							
Totals	mg/kg	mg/kg										
Fotal Xylenes	ND	0.0250		06/12/20	06/12/20							
Total BTEX	ND	0.0250		06/12/20	06/12/20							
Total TPH (C6-C40)	ND	20.0		06/12/20	06/12/20							

## Sample Data



## **QC Summary Data**

					_			
	Project Name:		2	leral Com	Battery			Reported:
	Project Number:	19	9054-0003					
	Project Manager:	B	rady Moulder					9/18/2020 12:51:04PM
	Volatile O	rganics l	by EPA 802	21B				Analyst: RS
	Reporting	Spike	Source	D	Rec	DDD	RPD Limit	
mg/kg	mg/kg	mg/kg	mg/kg	кес %	%	%	%	Notes
					Pre	pared: 06/2	12/20 Ana	lyzed: 06/12/20
ND	0.0250					-		-
ND								
8.23		8.00		103	50-150			
					Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
5.23	0.0250	5.00		105	70-130			
5.22	0.0250	5.00		104	70-130			
5.20	0.0250	5.00		104	70-130			
10.4	0.0500	10.0		104	70-130			
5.20	0.0250	5.00		104	70-130			
15.6	0.0250	15.0		104	0-200			
8.33		8.00		104	50-150			
			Sou	rce: P006	044-01 Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
5.12	0.0250	5.00	ND	102	54.3-133			
5.10	0.0250	5.00	ND	102	61.4-130			
5.06	0.0250	5.00	ND	101	61.4-133			
10.1	0.0500	10.0	ND	101	63.3-131			
5.07	0.0250	5.00	ND	101	63.3-131			
15.2	0.0250	15.0	ND	101	0-200			
8.39		8.00		105	50-150			
			Sou	rce: P006	044-01 Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
5.05	0.0250	5.00	ND	101	54.3-133	1.37	20	
5.02	0.0250	5.00	ND	100	61.4-130	1.55	20	
4.99	0.0250	5.00	ND	99.8	61.4-133	1.44	20	
9.99	0.0500	10.0	ND	99.9	63.3-131	1.38	20	
5.01	0.0250	5.00	ND	100	63.3-131	1.21	20	
15.0	0.0250	15.0	ND	100	0-200	1.32	200	
	ND ND ND ND ND 8.23 5.23 5.22 5.20 10.4 5.20 15.6 8.33 5.12 5.10 5.06 10.1 5.06 10.1 5.06 10.1 5.07 15.2 8.39 5.05 5.02 4.99 9.99 5.01	Solution         Project Number: Project Manager:           Volatile Or           Result mg/kg         Reporting Limit mg/kg           ND         0.0250           S.23         0.0250           5.22         0.0250           5.23         0.0250           5.20         0.0250           5.20         0.0250           15.6         0.0250           5.12         0.0250           5.06         0.0250           5.07         0.0250           5.08         0.0250           8.39         5.05           5.05         0.0250           5.05         0.0250           5.05         0.0250           5.05         0.0250           5.05         0.0250           8.39         0.0250           5.01         0.0250	Solution         Solution         Solution           Project Number:         19           Project Manager:         B           Volatile Organics I           Result         Reporting mg/kg         Spike Level mg/kg           ND         0.0250           S.23         0.0250           S.23         0.0250           S.20         0.0250           S.20         0.0250           S.20         0.0250           S.20         0.0250           S.20         0.0250           S.00         15.0           8.33         8.00           S.12         0.0250         5.00           S.06         0.0250         5.00           S.07         0.0250         5.00           S.06         0.0250         5.00           S.07         0.0250         5.00           S.06         0.0250         5.00           S.07 <td>Project Number: Project Manager:         19054-0003 Brady Moulder           Volatile Organics by EPA 802           Result mg/kg         Reporting mg/kg         Spike Level         Source Result mg/kg           ND         0.0250         ND         0.0250           ND         0.0250         S.00         ND           5.23         0.0250         5.00         S.00           5.20         0.0250         5.00         S.00           5.20         0.0250         5.00         ND           5.10         0.0250         5.00         ND           5.12         0.0250         5.00         ND           5.13         0.0250         5.00         ND           5.04         0.0250         5.00         ND</td> <td>Project Number:         19054-003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike mg/kg         Source Result         Rec           ND         0.0250         mg/kg         mg/kg         %           ND         0.0250         mg/kg         mg/kg         %           ND         0.0250         mg/kg         %           S23         0.0250         mg/kg         %           5.23         0.0250         5.00         104           5.20         0.0250         5.00         104           5.21         0.0250         5.00         104           5.22         0.0250         5.00         104           5.23         0.0250         5.00         104           5.20         0.0250         5.00         104           5.12         0.0250         5.00         ND         1</td> <td>Project Number:         19054-0003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B         Rec         Rec           Result         Reporting mg/kg         Spike Level         Source mg/kg         Rec         Limits           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         mg/kg         %         %         %         %           ND         0.0250         ND         0.0250         %         %         %         %           S2.3         0.0250         ND         0.0250         %         %         %         %           S.23         0.0250         ND         0.0250         %         %         %         %           S.23         0.0250         5.00         105         70-130         %         %         %           S.23         0.0250         5.00         104         70-130         %<td>Project Number:         19054-0003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B           Result         Limit         Level         Result         Rec         Limits         RPD           mg/kg         mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         Prepared: 06/1           ND         0.0250         ND         0.0250         Prepared: 06/1           ND         0.0250         ND         0.0250         Prepared: 06/1           S.23         8.00         103         50-150         Prepared: 06/1           5.22         0.0250         5.00         104         70-130           5.23         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.21         0.0250</td><td>Project Number:         19054-0003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike Level         Result Result         Rec         Limits         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250         mg/kg         mg/kg         %         <t< td=""></t<></td></td>	Project Number: Project Manager:         19054-0003 Brady Moulder           Volatile Organics by EPA 802           Result mg/kg         Reporting mg/kg         Spike Level         Source Result mg/kg           ND         0.0250         ND         0.0250           ND         0.0250         S.00         ND           5.23         0.0250         5.00         S.00           5.20         0.0250         5.00         S.00           5.20         0.0250         5.00         ND           5.10         0.0250         5.00         ND           5.12         0.0250         5.00         ND           5.13         0.0250         5.00         ND           5.04         0.0250         5.00         ND	Project Number:         19054-003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike mg/kg         Source Result         Rec           ND         0.0250         mg/kg         mg/kg         %           ND         0.0250         mg/kg         mg/kg         %           ND         0.0250         mg/kg         %           S23         0.0250         mg/kg         %           5.23         0.0250         5.00         104           5.20         0.0250         5.00         104           5.21         0.0250         5.00         104           5.22         0.0250         5.00         104           5.23         0.0250         5.00         104           5.20         0.0250         5.00         104           5.12         0.0250         5.00         ND         1	Project Number:         19054-0003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B         Rec         Rec           Result         Reporting mg/kg         Spike Level         Source mg/kg         Rec         Limits           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         mg/kg         %         %         %         %           ND         0.0250         ND         0.0250         %         %         %         %           S2.3         0.0250         ND         0.0250         %         %         %         %           S.23         0.0250         ND         0.0250         %         %         %         %           S.23         0.0250         5.00         105         70-130         %         %         %           S.23         0.0250         5.00         104         70-130         % <td>Project Number:         19054-0003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B           Result         Limit         Level         Result         Rec         Limits         RPD           mg/kg         mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         Prepared: 06/1           ND         0.0250         ND         0.0250         Prepared: 06/1           ND         0.0250         ND         0.0250         Prepared: 06/1           S.23         8.00         103         50-150         Prepared: 06/1           5.22         0.0250         5.00         104         70-130           5.23         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.21         0.0250</td> <td>Project Number:         19054-0003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike Level         Result Result         Rec         Limits         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250         mg/kg         mg/kg         %         <t< td=""></t<></td>	Project Number:         19054-0003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B           Result         Limit         Level         Result         Rec         Limits         RPD           mg/kg         mg/kg         mg/kg         mg/kg         mg/kg         %         %         %           ND         0.0250         ND         0.0250         ND         0.0250           ND         0.0250         ND         0.0250         Prepared: 06/1           ND         0.0250         ND         0.0250         Prepared: 06/1           ND         0.0250         ND         0.0250         Prepared: 06/1           S.23         8.00         103         50-150         Prepared: 06/1           5.22         0.0250         5.00         104         70-130           5.23         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.20         0.0250         5.00         104         70-130           5.21         0.0250	Project Number:         19054-0003           Project Manager:         Brady Moulder           Volatile Organics by EPA 8021B           Result         Reporting mg/kg         Spike Level         Result Result         Rec         Limits         RPD         Limit           mg/kg         mg/kg         mg/kg         mg/kg         %         %         %         %         %           ND         0.0250         mg/kg         mg/kg         % <t< td=""></t<>



## **QC Summary Data**

		$\chi \circ \sim$	•••••••	ary Date					
Spur PO Box 1058		Project Name: Project Number:		outh Boyd Fed 9054-0003	leral Com	Battery			Reported:
Hobbs NM, 88240		Project Manager:	E	Brady Moulder					9/18/2020 12:51:04PM
	Nor	halogenated (	Organics	by EPA 801	15D - G	RO			Analyst: RS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024026-BLK1)						Pre	pared: 06/1	2/20 Ana	lyzed: 06/12/20
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.32		8.00		91.4	50-150			
LCS (2024026-BS2)						Pre	pared: 06/1	2/20 Ana	lyzed: 06/12/20
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0		95.2	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.50		8.00		93.7	50-150			
Matrix Spike (2024026-MS2)				Sou	rce: P0060	044-01 Pre	pared: 06/1	2/20 Ana	lyzed: 06/12/20
Gasoline Range Organics (C6-C10)	47.3	20.0	50.0	ND	94.5	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.54		8.00		94.2	50-150			
Matrix Spike Dup (2024026-MSD2)				Sou	rce: P0060	044-01 Pre	pared: 06/1	2/20 Ana	lyzed: 06/12/20
Gasoline Range Organics (C6-C10)	47.6	20.0	50.0	ND	95.1	70-130	0.613	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.53		8.00		94.1	50-150			



## **QC Summary Data**

		QC D	u 111111	ary Data	L				
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:		South Boyd Fede 19054-0003 Brady Moulder	eral Com	Battery			<b>Reported:</b> 9/18/2020 12:51:04PM
	Nonh	alogenated Org	anics b	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2024027-BLK1)						Pre	pared: 06/1	12/20 Ana	lyzed: 06/12/20
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C40)	ND ND	25.0 50.0							
Surrogate: n-Nonane	52.0		50.0		104	50-200			
LCS (2024027-BS1)						Pre	pared: 06/1	12/20 Ana	lyzed: 06/12/20
Diesel Range Organics (C10-C28)	444	25.0	500		88.7	38-132			
Surrogate: n-Nonane	47.6		50.0		95.3	50-200			
Matrix Spike (2024027-MS1)				Sour	ce: P0060	045-01 Pre	pared: 06/1	12/20 Ana	lyzed: 06/12/20
Diesel Range Organics (C10-C28)	474	25.0	500	ND	94.8	38-132			
Surrogate: n-Nonane	47.1		50.0		94.1	50-200			
Matrix Spike Dup (2024027-MSD1)				Sour	ce: P006(	045-01 Pre	pared: 06/1	12/20 Ana	lyzed: 06/12/20
Diesel Range Organics (C10-C28)	482	25.0	500	ND	96.4	38-132	1.64	20	
Surrogate: n-Nonane	47.3		50.0		94.6	50-200			



## **QC Summary Data**

		<u> </u>		v					
Spur		Project Name:	So	outh Boyd Fee	leral Com	Battery			Reported:
PO Box 1058		Project Number:	19	054-0003					
Hobbs NM, 88240		Project Manager	: Bi	rady Moulder					9/18/2020 12:51:04PM
		Anions	by EPA 3	800.0/9056A	4				Analyst: NE
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024025-BLK1)						Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Chloride	ND	20.0							
LCS (2024025-BS1)						Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Chloride	248	20.0	250		99.2	90-110			
Matrix Spike (2024025-MS1)				Sou	rce: P0060	044-01 Pre	pared: 06/	12/20 Ana	lyzed: 06/12/20
Chloride	265	20.0	250	ND	106	80-120			
Matrix Spike Dup (2024025-MSD1)				Sou	rce: P0060	044-01 Pre	epared: 06/	12/20 Ana	lyzed: 06/12/20
Chloride	262	20.0	250	ND	105	80-120	1.06	20	

QC Summary Report Comment:

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.



ſ	Spur	Project Name:	South Boyd Federal Com Battery	
	PO Box 1058	Project Number:	19054-0003	Reported:
	Hobbs NM, 88240	Project Manager:	Brady Moulder	09/18/20 12:51

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

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

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



Project Information	Chain of Custor	dy								Page of
Client: Spur E Meroy Project: South Boyol 18 Project Manager: Brody MoulDer Address: City, State, Zip	Bill To Attention: Eclolice gavion Address: 40 24 Akins Husy City, State, Zip Louington, NM Phone: 575-441-0212 Email: Egylon & Hungry-Horse	1000	b WO#	Sec. 1	C	Number Number Iysis and	000			State
Phone:     Second State       Email:     Egaylon       Beport due by:     Humpy       Humpy     Horse       Time     Date       Sampled     Matrix       No     Containers       Sampled     Sample	La	ab do	GRO/DRO by 8015	BTEX by 8021	VOC by 8260 Metals 6010	Chloride 300.0		BGDOC - NM	BGDOC - TX	NM     CO     UT     AZ       TX     OK
11:00/11/20 5 1 JWC-,	<i>N-1</i> <sup>'</sup>					+		X		
	· ·		_				-		_	
				_						
Additional Instructions:										
I, (field sampler), attest to the validity and authenticity of this sample. I am aware that time of collection is considered fraud and may be grounds for legal action. Sampled b	Att KI				Summer Steven					e the day they are sampled or C on subsequent days.
Reimquished by: (Signature) Date Time	Received by:         (Signature)         Date           A         A         A         A           A         Received by:         (Signature)         Date           A         B         B         B	1.2020	Time 7 //	49	Rec	eived o	n ice:	Lak	0 Use Only / N	
	Received by: (Signature)	/12/20	Time	45		G Temp		<u>T2</u>		<u>T3</u>
Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless other only to those samples received by the laboratory with this COC. The liabilit	arrangements are made. Hazardous samples will be returned	d to client	pe: g - g or dispose	lass, <b>p</b> ed of at t	- poly/p	lastic, ag	- ambe	r glass, for the a	, v - VOA analysis of the	above samples is applicable
	5796 US Highway 64, Farmington, NM 87401 24 Howr Emergency Response Phone (800) 362-1879			Ph (	05) 632-1	881 Fx (505	) 632-1865			wirotech-inc.com Benvirotech-inc.com

.

Received by OCD: 5/7/2021 4:41:59 AM

Date Reported: 9/18/20

Eddie Gayton PO Box 1058 Hobbs, NM 88240



Page 141 of 188

Project Name: South Boyd Federal Com Battery Workorder: P006052 Date Received: 6/16/2020 9:30:00AM

Eddie Gayton,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/16/2020 9:30:00AM, under the Project Name: South Boyd Federal Com Battery.

The analytical test results summarized in this report with the Project Name: South Boyd Federal Com Battery 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 Lopez Laboratory Administrator Office: 505-632-1881 rlopez@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
BH-1	5
BH-2	6
BH-3	7
BH-4	8
BH-5	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

BH-5

		Sample Sum	mary		
Spur		Project Name:	South Boyd Federa	l Com Battery	Reported:
PO Box 1058		Project Number:	19054-0003		in porteur
Hobbs NM, 88240		Project Manager:	Eddie Gayton		09/18/20 12:51
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
BH-1	P006052-01A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.
BH-2	P006052-02A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.
BH-3	P006052-03A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.
BH-4	P006052-04A	Soil	06/15/20	06/16/20	Glass Jar, 4 oz.

Soil

P006052-05A

06/15/20

06/16/20

Glass Jar, 4 oz.



Spur	Project Name:					
PO Box 1058	Project Numbe	-				Reported:
Hobbs NM, 88240	Project Manage	9/18/2020 12:51:42PM				
		BH-1				
	P00	6052-01 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg Analyst: RS		Batch: 2025002		
Benzene	ND	0.0250	1	06/16/20	06/16/20	
Toluene	ND	0.0250	1	06/16/20	06/16/20	
Ethylbenzene	ND	0.0250	1	06/16/20	06/16/20	
o,m-Xylene	ND	0.0500	1	06/16/20	06/16/20	
p-Xylene	ND	0.0250	1	06/16/20	06/16/20	
Total Xylenes	ND	0.0250	1	06/16/20	06/16/20	
Surrogate: 4-Bromochlorobenzene-PID		106 %	50-150	06/16/20	06/16/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	nalyst: RS		Batch: 2025002
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		94.5 %	50-150	06/16/20	06/16/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2025007
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20	
Oil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20	
Surrogate: n-Nonane		96.2 %	50-200	06/15/20	06/16/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	alyst: NE		Batch: 2025010
Chloride	ND	20.0	1	06/16/20	06/16/20	
Totals	mg/kg	mg/kg				
Total Xylenes	ND	0.0250		06/16/20	06/16/20	
Total BTEX	ND	0.0250		06/16/20	06/16/20	
Total TPH (C6-C40)	ND	20.0		06/16/20	06/16/20	





## Sample Data

	Su	mpic D	ucu				
Spur	Project Name:	Sou	h Boyd Federal C	om Batte			
PO Box 1058	Project Number	: 190	54-0003		Reported:		
Hobbs NM, 88240	Project Manage	r: Edd	ie Gayton		9/18/2020 12:51:42PM		
		BH-2					
	P006	5052-02 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RS		Batch: 2025002	
lenzene	ND	0.0250	1	06/16/20	06/16/20		
oluene	ND	0.0250	1	06/16/20	06/16/20		
thylbenzene	ND	0.0250	1	06/16/20	06/16/20		
,m-Xylene	ND	0.0500	1	06/16/20	06/16/20		
-Xylene	ND	0.0250	1	06/16/20	06/16/20		
otal Xylenes	ND	0.0250	1	06/16/20	06/16/20		
urrogate: 4-Bromochlorobenzene-PID		106 %	50-150	06/16/20	06/16/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst		Batch: 2025002		
asoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20		
urrogate: 1-Chloro-4-fluorobenzene-FID	ç	00.7 %	50-150	06/16/20	06/16/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	: JL		Batch: 2025007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20		
Dil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20		
urrogate: n-Nonane		111 %	50-200	06/15/20	06/16/20		
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: NE		Batch: 2025010	
hloride	ND	20.0	1	06/16/20	06/16/20		
Totals	mg/kg	mg/kg					
otal Xylenes	ND	0.0250		06/16/20	06/16/20		
otal BTEX	ND	0.0250		06/16/20	06/16/20		
Total TPH (C6-C40)	ND	20.0		06/16/20	06/16/20		



## Sample Data

		mpic D					
Spur	Project Name:	Sou	th Boyd Federal C	om Batte			
PO Box 1058	Project Number	: 190	54-0003		Reported:		
Hobbs NM, 88240	Project Manage	r: Edd	ie Gayton		9/18/2020 12:51:42PM		
		BH-3					
	P000	5052-03 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	:: RS		Batch: 2025002	
enzene	ND	0.0250	1	06/16/20	06/16/20		
oluene	ND	0.0250	1	06/16/20	06/16/20		
thylbenzene	ND	0.0250	1	06/16/20	06/16/20		
,m-Xylene	ND	0.0500	1	06/16/20	06/16/20		
-Xylene	ND	0.0250	1	06/16/20	06/16/20		
otal Xylenes	ND	0.0250	1	06/16/20	06/16/20		
urrogate: 4-Bromochlorobenzene-PID		109 %	50-150	06/16/20	06/16/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	Batch: 2025002			
asoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20		
urrogate: 1-Chloro-4-fluorobenzene-FID	ç	95.0 %	50-150	06/16/20	06/16/20		
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2025007	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20		
Dil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20		
urrogate: n-Nonane	9	99.6 %	50-200	06/15/20	06/16/20		
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2025010	
hloride	ND	20.0	1	06/16/20	06/16/20		
otals	mg/kg	mg/kg					
otal Xylenes	ND	0.0250		06/16/20	06/16/20		
otal BTEX	ND	0.0250		06/16/20	06/16/20		
Fotal TPH (C6-C40)	ND	20.0		06/16/20	06/16/20		



## Sample Data

	Ja	mpic D	ava					
Spur	Project Name:	Sou	th Boyd Federal C	om Batte				
PO Box 1058	Project Number	: 190	54-0003		Reported:			
Hobbs NM, 88240	Project Manager: Eddie Gayton					9/18/2020 12:51:42PM		
		BH-4						
	P006	052-04 (Soli	d)					
		Reporting						
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes		
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	: RS		Batch: 2025002		
Benzene	ND	0.0250	1	06/16/20	06/16/20			
°oluene	ND	0.0250	1	06/16/20	06/16/20			
thylbenzene	ND	0.0250	1	06/16/20	06/16/20			
,m-Xylene	ND	0.0500	1	06/16/20	06/16/20			
-Xylene	ND	0.0250	1	06/16/20	06/16/20			
otal Xylenes	ND	0.0250	1	06/16/20	06/16/20			
urrogate: 4-Bromochlorobenzene-PID		103 %	50-150	06/16/20	06/16/20			
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	: RS		Batch: 2025002		
asoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20			
urrogate: 1-Chloro-4-fluorobenzene-FID	9	94.6 %	50-150	06/16/20	06/16/20			
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst: JL			Batch: 2025007		
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20			
Dil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20			
urrogate: n-Nonane		103 %	50-200	06/15/20	06/16/20			
anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	: NE		Batch: 2025010		
Chloride	ND	20.0	1	06/16/20	06/16/20			
Totals	mg/kg	mg/kg						
otal Xylenes	ND	0.0250		06/16/20	06/16/20			
Total BTEX	ND	0.0250		06/16/20	06/16/20			
Total TPH (C6-C40)	ND	20.0		06/16/20	06/16/20			



## Sample Data

	Nu Nu	mpic D					
Spur	Project Name:	Sou	th Boyd Federal C	om Batte			
PO Box 1058	Project Number	: 190	54-0003		Reported:		
Hobbs NM, 88240	Project Manage	r: Edd	ie Gayton		9/18/2020 12:51:42PM		
		BH-5					
	P000	6052-05 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2025002	
Benzene	ND	0.0250	1	06/16/20	06/16/20		
oluene	ND	0.0250	1	06/16/20	06/16/20		
thylbenzene	ND	0.0250	1	06/16/20	06/16/20		
,m-Xylene	ND	0.0500	1	06/16/20	06/16/20		
Xylene	ND	0.0250	1	06/16/20	06/16/20		
otal Xylenes	ND	0.0250	1	06/16/20	06/16/20		
rrogate: 4-Bromochlorobenzene-PID		109 %	50-150	06/16/20	06/16/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Batch: 2025002				
asoline Range Organics (C6-C10)	ND	20.0	1	06/16/20	06/16/20		
urrogate: 1-Chloro-4-fluorobenzene-FID	9	96.1 %	50-150	06/16/20	06/16/20		
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	Batch: 2025007			
Diesel Range Organics (C10-C28)	ND	25.0	1	06/15/20	06/16/20		
vil Range Organics (C28-C40)	ND	50.0	1	06/15/20	06/16/20		
urrogate: n-Nonane		104 %	50-200	06/15/20	06/16/20		
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2025010	
hloride	ND	20.0	1	06/16/20	06/16/20		
otals	mg/kg	mg/kg					
otal Xylenes	ND	0.0250		06/16/20	06/16/20		
otal BTEX	ND	0.0250		06/16/20	06/16/20		
Cotal TPH (C6-C40)	ND	20.0		06/16/20	06/16/20		



# **QC Summary Data**

Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	19	outh Boyd Feo 0054-0003 Idie Gayton	leral Com	Battery			<b>Reported:</b> 9/18/2020 12:51:42PM
10003 111, 002-10		Volatile O			21B				Analyst: RS
A lada		Reporting	Spike	Source		Rec		RPD	
Analyte	Result	Limit	Level	Result	Rec	Limits	RPD	Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2025002-BLK1)						Pre	pared: 06/1	15/20 Ana	alyzed: 06/15/20
Benzene	ND	0.0250							
Foluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.49		8.00		106	50-150			
LCS (2025002-BS1)						Pre	pared: 06/1	15/20 Ana	alyzed: 06/15/20
Benzene	5.08	0.0250	5.00		102	70-130			
Toluene	5.07	0.0250	5.00		101	70-130			
Ethylbenzene	5.04	0.0250	5.00		101	70-130			
o,m-Xylene	10.1	0.0500	10.0		101	70-130			
-Xylene	5.06	0.0250	5.00		101	70-130			
Total Xylenes	15.2	0.0250	15.0		101	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.63		8.00		108	50-150			
Matrix Spike (2025002-MS1)				Sou	rce: P006	050-01 Pre	pared: 06/1	15/20 Ana	alyzed: 06/15/20
Benzene	5.20	0.0250	5.00	ND	104	54.3-133			
Toluene	5.19	0.0250	5.00	ND	104	61.4-130			
Ethylbenzene	5.16	0.0250	5.00	ND	103	61.4-133			
o,m-Xylene	10.3	0.0500	10.0	ND	103	63.3-131			
o-Xylene	5.19	0.0250	5.00	ND	104	63.3-131			
Total Xylenes	15.5	0.0250	15.0	ND	103	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.77		8.00		110	50-150			
Matrix Spike Dup (2025002-MSD1)				Sou	rce: P006	050-01 Pre	pared: 06/1	15/20 Ana	alyzed: 06/15/20
Benzene	4.77	0.0250	5.00	ND	95.3	54.3-133	8.67	20	
Toluene	4.73	0.0250	5.00	ND	94.6	61.4-130	9.30	20	
Ethylbenzene	4.71	0.0250	5.00	ND	94.2	61.4-133	9.18	20	
,m-Xylene	9.42	0.0500	10.0	ND	94.2	63.3-131	9.19	20	
o-Xylene	4.73	0.0250	5.00	ND	94.7	63.3-131	9.23	20	
Total Xylenes	14.2	0.0250	15.0	ND	94.3	0-200	9.20	200	



## **QC Summary Data**

		QU N		ary Date					
Spur PO Box 1058		Project Name: Project Number:		South Boyd Fed 9054-0003	leral Com	Battery			Reported:
Hobbs NM, 88240		Project Manager:	E	Eddie Gayton					9/18/2020 12:51:42PM
	No	nhalogenated C	Organics	by EPA 80	15D - G	RO			Analyst: RS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2025002-BLK1)						Pre	pared: 06/1	15/20 Anal	lyzed: 06/15/20
Gasoline Range Organics (C6-C10)	ND	20.0							
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.2	50-150			
LCS (2025002-BS2)						Pre	pared: 06/1	15/20 Anal	lyzed: 06/15/20
Gasoline Range Organics (C6-C10)	46.6	20.0	50.0		93.1	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.47		8.00		93.4	50-150			
Matrix Spike (2025002-MS2)				Sou	rce: P006	050-01 Pre	pared: 06/1	15/20 Anal	lyzed: 06/15/20
Gasoline Range Organics (C6-C10)	50.1	20.0	50.0	ND	100	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.46		8.00		93.2	50-150			
Matrix Spike Dup (2025002-MSD2)				Sou	rce: P006	050-01 Pre	pared: 06/1	15/20 Anal	lyzed: 06/15/20
Gasoline Range Organics (C6-C10)	50.5	20.0	50.0	ND	101	70-130	0.802	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.39		8.00		92.4	50-150			



## **QC Summary Data**

		$\mathbf{v} \mathbf{v} \mathbf{v}$							
Spur PO Box 1058		Project Name: Project Number:		South Boyd Fed 19054-0003	leral Com	Battery			Reported:
Hobbs NM, 88240		Project Manager:		Eddie Gayton				9/1	8/2020 12:51:42PM
	Nonha	alogenated Org	anics b	y EPA 8015E	) - DRO	/ORO			Analyst: JL
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2025007-BLK1)						Pre	pared: 06/1	5/20 Analyz	zed: 06/15/20
Diesel Range Organics (C10-C28)	ND	25.0							
Oil Range Organics (C28-C40)	ND	50.0							
Surrogate: n-Nonane	56.9		50.0		114	50-200			
LCS (2025007-BS1)						Pre	pared: 06/1	5/20 Analyz	zed: 06/15/20
Diesel Range Organics (C10-C28)	442	25.0	500		88.4	38-132			
Surrogate: n-Nonane	51.5		50.0		103	50-200			
Matrix Spike (2025007-MS1)				Sou	rce: P0060	050-01 Pre	pared: 06/1	5/20 Analyz	zed: 06/15/20
Diesel Range Organics (C10-C28)	7930	500	500	7770	31.0	38-132			M4
Surrogate: n-Nonane	56.4		50.0		113	50-200			
Matrix Spike Dup (2025007-MSD1)				Sou	rce: P0060	<b>)50-01</b> Pre	pared: 06/1	5/20 Analyz	zed: 06/15/20
Diesel Range Organics (C10-C28)	8050	500	500	7770	56.3	38-132	1.58	20	M4
Surrogate: n-Nonane	56.6		50.0		113	50-200			



## **QC Summary Data**

		<u> </u>		v					
Spur		Project Name:	So	outh Boyd Fee	deral Com	Battery			Reported:
PO Box 1058		Project Number:	19	9054-0003					
Hobbs NM, 88240		Project Manager	: Ес	ddie Gayton					9/18/2020 12:51:42PM
		Anions	by EPA 3	300.0/90564	4				Analyst: NE
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2025010-BLK1)						Pre	pared: 06/1	16/20 Anal	lyzed: 06/16/20
Chloride	ND	20.0							
LCS (2025010-BS1)						Pre	pared: 06/1	16/20 Anal	lyzed: 06/16/20
Chloride	253	20.0	250		101	90-110			
Matrix Spike (2025010-MS1)				Sou	rce: P006	046-01 Pre	pared: 06/1	16/20 Anal	lyzed: 06/16/20
Chloride	1970	40.0	250	1660	124	80-120			M2
Matrix Spike Dup (2025010-MSD1)				Sou	rce: P006	046-01 Pre	pared: 06/1	16/20 Anal	lyzed: 06/16/20
Chloride	1770	40.0	250	1660	43.5	80-120	10.8	20	M2

QC Summary Report Comment:

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.



Γ	Spur	Project Name:	South Boyd Federal Com Battery	
L	PO Box 1058	Project Number:	19054-0003	Reported:
L	Hobbs NM, 88240	Project Manager:	Eddie Gayton	09/18/20 12:51

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

M4 Matrix spike recovery value is suspect since the analyte concentration in the sample is disproportionate to the spike level. The associated LCS spike recovery was acceptable.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

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

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



Project Information	Chain of Custody										Page	of
Client: Stor Energy	Bill To		-	La	b Use	Only		Т	AT	EF	PA Progra	m
Project: South boyd 13 Project Manager: Brody Moubler	Attention: Edolie any tan Address: 4024 Plans Havy	Lab	WO#	x	21	b Num	ber 0000	3 X		RCRA	CWA	SDWA
Address: <u>City, State, Zip</u> <u>Phone: 575 4410212</u> <u>Email: Egaytewa Hungry Horse.com</u> <u>Report due by: Hungry Horsellc</u>	City, State, Zip Louington, WM Phone: 575 44P 0212 Email: Egastan a Hungiy-Hors Lab Numbr	py 80 52	by 8015	021			nd Meth					ute UT AZ
Time Date Matrix No Sampled Sampled Matrix Containers Sample ID	Lab	DRO/ORO	GRO/DRO by 8015	BTEX by 8021	VOC by 8260	Metals 6010 Chloride 300.0		BGDOC - NM	BGDOC - TX		Ren	narks
6/15 5 1 BH-1	1							X				
BH-2	2							ŕ				
BH-3	3							+				
	4							K				
)))BH-5								X				
								1				
Additional Instructions:												
(field sampler), attest to the validity and authenticity of this sample. I am aware ime of collection is considered fraud and may be grounds for legal action. Sample		>			12.22			vg temp abo	ve 0 but le	ceived on ice the ess than 6 °C on s		DAD CONTRACTOR
elinguísher by: (Signature) elinguísher by: (Signature) Date Date Date Date Date 10: Date 10: Date 10: 10: 10: 10: 10: 10: 10: 10:	5/ Received by: (Signature) Date Beceived by: (Signature) Date		Time		102	eceivec	l on ice:		ab Us / N	e Only		
elinguished by: (Signature) Date Time	Received by: (Signature) Received by: (Signature) Received by: (Signature)	20	Time	30	1		1999 1999 1999	<u>T2</u>			<u>T3</u>	
ample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other	Contain	er Type	e:g-g	lass, p		/G Tem /plastic,	ag - aml	T ber glas	is, v - \	VOA		
ote: Samples are discarded 30 days after results are reported unless ot nly to those samples received by the laboratory with this COC. The liat	her arrangements are made. Hazardous samples will be returned to	client or	dispose	ed of at	the clier	t expense	e. The repo	ort for the	analys	is of the abov	ve samples is	applicable
envirotech Analytical Laboratory	5796 US Highway 64, Farmington, NM 87401 24 Howr Emergency Response Phone (800) 362-1879			Ph	(505) 632	-1881 Fx)	(505) 632-18	865	la	envin badmin@env	tech-inc con virotech-inc (	

Released to Imaging: 7/21/2021 10:46:59 AM

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Report to: Brady Moulder PO Box 1058 Hobbs, NM 88240



5796 U.S. Hwy 64 Farmington, NM 87401

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





# envirotech

**Practical Solutions for a Better Tomorrow** 

# **Analytical Report**

# Spur

Project Name:	South Boyd Federal Com Battery
Work Order:	P006023
Job Number:	19054-0003
Received:	6/9/2020

Revision: 2

Report Reviewed By: *Walter Hinchman* Walter Hinchman Laboratory Director 9/18/20

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 NM009792018-1 for data reported. Envirotech Inc, holds the Texas TNI certification T104704557-19-2 for data reported. Date Reported: 9/18/20

Brady Moulder PO Box 1058 Hobbs, NM 88240



Page 156 of 188

Project Name: South Boyd Federal Com Battery Workorder: P006023 Date Received: 6/9/2020 10:00:00AM

Brady Moulder,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 6/9/2020 10:00:00AM, under the Project Name: South Boyd Federal Com Battery.

The analytical test results summarized in this report with the Project Name: South Boyd Federal Com Battery 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 Lopez Laboratory Administrator Office: 505-632-1881 rlopez@envirotech-inc.com Alexa Michaels Sample Custody Officer Office: 505-632-1881 labadmin@envirotech-inc.com

Envirotech Web Address: www.envirotech-inc.com

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## Table of Contents

Title Page	1
Cover Page	2
Table of Contents	3
Sample Summary	4
Sample Data	5
SWC-N	5
SWC-E	6
SWC-W-2'	7
SWE-W-1'	8
SWE-N-2'	9
QC Summary Data	10
QC - Volatile Organics by EPA 8021B	10
QC - Nonhalogenated Organics by EPA 8015D - GRO	11
QC - Nonhalogenated Organics by EPA 8015D - DRO/ORO	12
QC - Anions by EPA 300.0/9056A	13
Definitions and Notes	14
Chain of Custody etc.	15

#### Sample Summary

		Sample Sum	mary		
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	South Boyd Federal 19054-0003 Brady Moulder	Com Battery	<b>Reported:</b> 09/18/20 12:50
Client Sample ID	Lab Sample ID	Matrix	Sampled	Received	Container
SWC-N	P006023-01A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.
SWC-E	P006023-02A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.
SWC-W-2'	P006023-03A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.
SWE-W-1'	P006023-04A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.
SWE-N-2'	P006023-05A	Soil	06/08/20	06/09/20	Glass Jar, 4 oz.



		impre 2				
Spur	Project Name:	Sout	h Boyd Federal C	om Batte		
PO Box 1058	Project Number	r: 1903	54-0003			Reported:
Hobbs NM, 88240	Project Manage	er: Brad	ly Moulder			9/18/2020 12:50:19PN
		SWC-N				
	P00	6023-01 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analyst	:: RS		Batch: 2024004
Benzene	ND	0.0250	1	06/09/20	06/09/20	
Toluene	ND	0.0250	1	06/09/20	06/09/20	
Ethylbenzene	ND	0.0250	1	06/09/20	06/09/20	
o,m-Xylene	ND	0.0500	1	06/09/20	06/09/20	
p-Xylene	ND	0.0250	1	06/09/20	06/09/20	
Total Xylenes	ND	0.0250	1	06/09/20	06/09/20	
Surrogate: 4-Bromochlorobenzene-PID		103 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analyst	:: RS		Batch: 2024004
Gasoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20	
Surrogate: 1-Chloro-4-fluorobenzene-FID		92.7 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analyst	:: JL		Batch: 2024006
Diesel Range Organics (C10-C28)	102	25.0	1	06/09/20	06/09/20	
Oil Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20	
Surrogate: n-Nonane		79.0 %	50-200	06/09/20	06/09/20	
Anions by EPA 300.0/9056A	mg/kg	mg/kg	Analyst	:: NE		Batch: 2024005
Chloride	878	20.0	1	06/09/20	06/09/20	
Totals	mg/kg	mg/kg				
Total Xylenes	ND	0.0250		06/09/20	06/09/20	
Total BTEX	ND	0.0250		06/09/20	06/09/20	
Total TPH (C6-C40)	102	20.0		06/09/20	06/09/20	





## Sample Data

	Du	imple D	utu			
Spur	Project Name:	Sou	h Boyd Federal C	om Batte		
PO Box 1058	Project Number	r: 190:		Reported:		
Hobbs NM, 88240	Project Manage	er: Brad	ly Moulder			9/18/2020 12:50:19PM
		SWC-E				
	P00	6023-02 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
Volatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004
enzene	ND	0.0250	1	06/09/20	06/09/20	
oluene	0.0379	0.0250	1	06/09/20	06/09/20	
thylbenzene	0.0252	0.0250	1	06/09/20	06/09/20	
,m-Xylene	ND	0.0500	1	06/09/20	06/09/20	
-Xylene	ND	0.0250	1	06/09/20	06/09/20	
otal Xylenes	ND	0.0250	1	06/09/20	06/09/20	
urrogate: 4-Bromochlorobenzene-PID		107 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004
Casoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	!	90.2 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2024006
Diesel Range Organics (C10-C28)	30.6	25.0	1	06/09/20	06/09/20	
Dil Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20	
urrogate: n-Nonane		87.4 %	50-200	06/09/20	06/09/20	
anions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2024005
Chloride	73.7	20.0	1	06/09/20	06/09/20	
Totals	mg/kg	mg/kg				
Total Xylenes	ND	0.0250		06/09/20	06/09/20	
Total BTEX	0.0631	0.0250		06/09/20	06/09/20	
Total TPH (C6-C40)	30.6	20.0		06/09/20	06/09/20	



## Sample Data

	Da	imple D	ata			
Spur	Project Name:	Sou	h Boyd Federal (	Com Batte		
PO Box 1058	Project Number	r: 190:	54-0003			Reported:
Hobbs NM, 88240	Project Manage	er: Brad	ly Moulder			9/18/2020 12:50:19PM
	S	SWC-W-2'				
	P000	5023-03 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
<b>Volatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analys	st: RS		Batch: 2024004
enzene	ND	0.0250	1	06/09/20	06/09/20	
oluene	ND	0.0250	1	06/09/20	06/09/20	
thylbenzene	ND	0.0250	1	06/09/20	06/09/20	
,m-Xylene	ND	0.0500	1	06/09/20	06/09/20	
-Xylene	ND	0.0250	1	06/09/20	06/09/20	
otal Xylenes	ND	0.0250	1	06/09/20	06/09/20	
urrogate: 4-Bromochlorobenzene-PID		104 %	50-150	06/09/20	06/09/20	
onhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	st: RS		Batch: 2024004
asoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	9	91.2 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	st: JL		Batch: 2024006
viesel Range Organics (C10-C28)	ND	25.0	1	06/09/20	06/09/20	
vil Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20	
urrogate: n-Nonane	!	92.1 %	50-200	06/09/20	06/09/20	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	st: NE		Batch: 2024005
Chloride	ND	20.0	1	06/09/20	06/09/20	
otals	mg/kg	mg/kg				
Total Xylenes	ND	0.0250		06/09/20	06/09/20	
Total BTEX	ND	0.0250		06/09/20	06/09/20	
Cotal TPH (C6-C40)	ND	20.0		06/09/20	06/09/20	



## Sample Data

	Da	mpic D	ucu			
Spur	Project Name:	Sout	h Boyd Federal C	om Batte		
PO Box 1058	Project Number	: 1903	54-0003	Reported:		
Hobbs NM, 88240	Project Manage	r: Brac	ly Moulder			9/18/2020 12:50:19PM
	S	WE-W-1'				
	P006	5023-04 (Soli	d)			
		Reporting				
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes
olatile Organics by EPA 8021B	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004
enzene	ND	0.0250	1	06/09/20	06/09/20	
oluene	ND	0.0250	1	06/09/20	06/09/20	
thylbenzene	ND	0.0250	1	06/09/20	06/09/20	
,m-Xylene	ND	0.0500	1	06/09/20	06/09/20	
-Xylene	ND	0.0250	1	06/09/20	06/09/20	
otal Xylenes	ND	0.0250	1	06/09/20	06/09/20	
urrogate: 4-Bromochlorobenzene-PID		105 %	50-150	06/09/20	06/09/20	
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004
asoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20	
urrogate: 1-Chloro-4-fluorobenzene-FID	ç	93.5 %	50-150	06/09/20	06/09/20	
onhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2024006
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/20	06/09/20	
Dil Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20	
urrogate: n-Nonane	ç	02.4 %	50-200	06/09/20	06/09/20	
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2024005
Chloride	23.6	20.0	1	06/09/20	06/09/20	
Totals	mg/kg	mg/kg				
Total Xylenes	ND	0.0250		06/09/20	06/09/20	
Total BTEX	ND	0.0250		06/09/20	06/09/20	
Total TPH (C6-C40)	ND	20.0		06/09/20	06/09/20	



## Sample Data

		mpic D	utu				
Spur	Project Name:	Sout	h Boyd Federal C	om Batte			
PO Box 1058	Project Number	r: 1903	54-0003			Reported:	
Hobbs NM, 88240	Project Manage	er: Brad	ly Moulder			9/18/2020 12:50:19PM	
	5	SWE-N-2'					
	P006	5023-05 (Soli	d)				
		Reporting					
Analyte	Result	Limit	Dilution	Prepared	Analyzed	Notes	
<b>Jolatile Organics by EPA 8021B</b>	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004	
enzene	ND	0.0250	1	06/09/20	06/09/20		
oluene	ND	0.0250	1	06/09/20	06/09/20		
thylbenzene	ND	0.0250	1	06/09/20	06/09/20		
,m-Xylene	ND	0.0500	1	06/09/20	06/09/20		
-Xylene	ND	0.0250	1	06/09/20	06/09/20		
otal Xylenes	ND	0.0250	1	06/09/20	06/09/20		
urrogate: 4-Bromochlorobenzene-PID		103 %	50-150	06/09/20	06/09/20		
Nonhalogenated Organics by EPA 8015D - GRO	mg/kg	mg/kg	Analys	t: RS		Batch: 2024004	
asoline Range Organics (C6-C10)	ND	20.0	1	06/09/20	06/09/20		
urrogate: 1-Chloro-4-fluorobenzene-FID	9	92.6 %	50-150	06/09/20	06/09/20		
Nonhalogenated Organics by EPA 8015D - DRO/ORO	mg/kg	mg/kg	Analys	t: JL		Batch: 2024006	
Diesel Range Organics (C10-C28)	ND	25.0	1	06/09/20	06/09/20		
Dil Range Organics (C28-C40)	ND	50.0	1	06/09/20	06/09/20		
urrogate: n-Nonane	ļ	91.9 %	50-200	06/09/20	06/09/20		
nions by EPA 300.0/9056A	mg/kg	mg/kg	Analys	t: NE		Batch: 2024005	
hloride	ND	20.0	1	06/09/20	06/09/20		
Totals	mg/kg	mg/kg					
Total Xylenes	ND	0.0250		06/09/20	06/09/20		
Total BTEX	ND	0.0250		06/09/20	06/09/20		
Cotal TPH (C6-C40)	ND	20.0		06/09/20	06/09/20		



# **QC Summary Data**

Spur		Project Name:	Se	outh Boyd Fee	leral Com	Battery			Reported:
PO Box 1058		Project Number:	19	0054-0003					
Hobbs NM, 88240		Project Manager:	B	rady Moulder					9/18/2020 12:50:19PM
	Volatile Organics by EPA 8021B								Analyst: RS
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024004-BLK1)						Pre	pared: 06/(	09/20 An	alyzed: 06/09/20
Benzene	ND	0.0250							
Foluene	ND	0.0250							
Ethylbenzene	ND	0.0250							
p,m-Xylene	ND	0.0500							
p-Xylene	ND	0.0250							
Total Xylenes	ND	0.0250							
Surrogate: 4-Bromochlorobenzene-PID	8.33		8.00		104	50-150			
LCS (2024004-BS1)						Pre	pared: 06/0	09/20 An	alyzed: 06/09/20
Benzene	5.21	0.0250	5.00		104	70-130			
Foluene	5.20	0.0250	5.00		104	70-130			
Ethylbenzene	5.17	0.0250	5.00		103	70-130			
o,m-Xylene	10.3	0.0500	10.0		103	70-130			
p-Xylene	5.19	0.0250	5.00		104	70-130			
Fotal Xylenes	15.5	0.0250	15.0		104	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.52		8.00		107	50-150			
Matrix Spike (2024004-MS1)				Sou	rce: P006	023-01 Pre	pared: 06/0	09/20 An	alyzed: 06/09/20
Benzene	5.15	0.0250	5.00	ND	103	54.3-133			
Toluene	5.16	0.0250	5.00	ND	103	61.4-130			
Ethylbenzene	5.14	0.0250	5.00	ND	103	61.4-133			
o,m-Xylene	10.3	0.0500	10.0	ND	103	63.3-131			
o-Xylene	5.14	0.0250	5.00	ND	103	63.3-131			
Total Xylenes	15.4	0.0250	15.0	ND	103	0-200			
Surrogate: 4-Bromochlorobenzene-PID	8.31		8.00		104	50-150			
Matrix Spike Dup (2024004-MSD1)				Sou	rce: P006	023-01 Pre	pared: 06/(	09/20 An	alyzed: 06/09/20
Benzene	5.14	0.0250	5.00	ND	103	54.3-133	0.0797	20	
Toluene	5.12	0.0250	5.00	ND	102	61.4-130	0.765	20	
Ethylbenzene	5.10	0.0250	5.00	ND	102	61.4-133	0.769	20	
o,m-Xylene	10.2	0.0500	10.0	ND	102	63.3-131	0.817	20	
p-Xylene	5.11	0.0250	5.00	ND	102	63.3-131	0.741	20	
Total Xylenes	15.3	0.0250	15.0	ND	102	0-200	0.792	200	



## **QC Summary Data**

		QU D	u 11111	ary Data	e				
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:	1	South Boyd Fede 9054-0003 Brady Moulder	eral Com	Battery			<b>Reported:</b> 9/18/2020 12:50:19PM
10005100,00210	Noi	nhalogenated C		5	5D - G	RO			Analyst: RS
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2024004-BLK1)									lyzed: 06/09/20
Gasoline Range Organics (C6-C10)	ND	20.0							-
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	50-150			
LCS (2024004-BS2)						Pre	epared: 06/(	09/20 Ana	lyzed: 06/09/20
Gasoline Range Organics (C6-C10)	47.7	20.0	50.0		95.3	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.35		8.00		91.9	50-150			
Matrix Spike (2024004-MS2)				Sour	ce: P0060	023-01 Pre	epared: 06/(	09/20 Ana	lyzed: 06/09/20
Gasoline Range Organics (C6-C10)	48.4	20.0	50.0	ND	96.9	70-130			
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.28		8.00		91.0	50-150			
Matrix Spike Dup (2024004-MSD2)				Sour	ce: P0060	023-01 Pre	epared: 06/0	09/20 Ana	alyzed: 06/09/20
Gasoline Range Organics (C6-C10)	48.8	20.0	50.0	ND	97.6	70-130	0.745	20	
Surrogate: 1-Chloro-4-fluorobenzene-FID	7.38		8.00		92.3	50-150			



## **QC Summary Data**

		QC D	u 111 111	ary Data	L				
Spur PO Box 1058 Hobbs NM, 88240		Project Name: Project Number: Project Manager:		South Boyd Fede 19054-0003 Brady Moulder	eral Com	Battery			<b>Reported:</b> 9/18/2020 12:50:19PM
	Nonha	alogenated Org	anics by	y EPA 8015D	- DRO	/ORO			Analyst: JL
Analyte	Result mg/kg	Reporting Limit mg/kg	Spike Level mg/kg	Source Result mg/kg	Rec %	Rec Limits %	RPD %	RPD Limit %	Notes
Blank (2024006-BLK1)						Pre	pared: 06/0	)9/20 Ana	lyzed: 06/09/20
Diesel Range Organics (C10-C28) Oil Range Organics (C28-C40)	ND ND	25.0 50.0							
Surrogate: n-Nonane	45.7		50.0		91.4	50-200			
LCS (2024006-BS1)						Pre	pared: 06/(	09/20 Ana	lyzed: 06/09/20
Diesel Range Organics (C10-C28)	451	25.0	500		90.1	38-132			
Surrogate: n-Nonane	48.8		50.0		97.7	50-200			
Matrix Spike (2024006-MS1)				Sour	ce: P006	023-01 Pre	pared: 06/(	09/20 Ana	lyzed: 06/09/20
Diesel Range Organics (C10-C28)	539	25.0	500	102	87.4	38-132			
Surrogate: n-Nonane	41.6		50.0		83.3	50-200			
Matrix Spike Dup (2024006-MSD1)				Sour	ce: P006	023-01 Pre	pared: 06/(	)9/20 Ana	lyzed: 06/09/20
Diesel Range Organics (C10-C28)	535	25.0	500	102	86.7	38-132	0.716	20	
Surrogate: n-Nonane	45.2		50.0		90.4	50-200			



## **QC Summary Data**

Spur PO Box 1058		Project Name: Project Number:		outh Boyd Fee 9054-0003	leral Com	Battery			Reported:
Hobbs NM, 88240		Project Manager	:: В	rady Moulder					9/18/2020 12:50:19PM
		Anions	by EPA 3	<b>300.0/9056</b> A	4				Analyst: NE
Analyte	Result	Reporting Limit	Spike Level	Source Result	Rec	Rec Limits	RPD	RPD Limit	
	mg/kg	mg/kg	mg/kg	mg/kg	%	%	%	%	Notes
Blank (2024005-BLK1)						Pre	pared: 06/0	09/20 Anal	yzed: 06/09/20
Chloride	ND	20.0							
LCS (2024005-BS1)						Pre	pared: 06/0	09/20 Anal	yzed: 06/09/20
Chloride	249	20.0	250		99.5	90-110			
Matrix Spike (2024005-MS1)				Sou	rce: P006(	023-01 Pre	pared: 06/0	09/20 Anal	yzed: 06/09/20
Chloride	1020	20.0	250	878	57.3	80-120			M2
Matrix Spike Dup (2024005-MSD1)				Sou	rce: P006(	023-01 Pre	pared: 06/0	09/20 Anal	yzed: 06/09/20
Chloride	1120	20.0	250	878	98.5	80-120	9.62	20	

QC Summary Report Comment:

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.



## **Definitions and Notes**

Γ	Spur	Project Name:	South Boyd Federal Com Battery	
L	PO Box 1058	Project Number:	19054-0003	Reported:
	Hobbs NM, 88240	Project Manager:	Brady Moulder	09/18/20 12:50

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

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

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



Client: SPur Energy	Bill To	No.	1		Lal	b Use			100	ГАТ	E	PA Progra	m
Client: Spur Energy Project: South, Dovd 18 Project Manager: Brady Moulder	Attention: Fold: e. gaytan Address: 40 24 Plains Hu	NY	Lab V	WO#	02	3	ob N	umber 		3D	RCRA	CWA	SDWA
Address: City, State, Zip	I ICITY STATE /ID							is and Metho				Sta	te UT AZ
Phone: 575-441-0212 Email: Eggytan @ Hungy-Horse com Report due by: Hungy Horse LLC	Phone: 575-441-0212 Email: Egaytan & Hungry-Ho	ise Com	DRO/ORO by 8015	GRO/DRO by 8015	3021	260	010	300.0	WN	×		тх ок	
Time Date Matrix No Sampled Sampled Matrix Containers Sample ID		Lab Number	DRO/ORC	GRO/DRC	BTEX by 8021	VOC by 8260	Metals 6010	Chloride 300.0	BGDOC - NM	BGDOC - TX		Rem	arks
8:46 6/2/200 S 1 SWC-	N							1	X	,			
8:55 ( ) SWC-	E	2						K .	X				
10:52 SWC-1	J-21	3					/	20 L	X				
7:44 ) SWE-4	2-1	4							×				
8:55 ( 10:52 ) SWC-1 10:52 ) SWC-1 10:58 ) SWE-1 SWE-1	1-21	5							X				
Additional Instructions:	A												
, (field sampler), attest to the validity and authenticity of this sample. I am aw time of collection is considered fraud and may be grounds for legal action. Sam	re that tampering with or intentionally microboling the sample logical by:	tion, date or						equiring thermal pres acked in ice at an avg					npled or
Relinquished by (Signature) Date	Received by: (Signature)	Date 6.8.2	020	Time	24	6 F	Receiv	ved on ice:	Ċ	ab Us	e Only		
Relinquished by: (Signature) Date Time	1620 AVabachalt	Date 0	20	Time	$\alpha$		Г1		<u>T2</u>			<u>T3</u>	
Relinevished by: (Signature) Date Time	Received by: (Signature)	Date		Time		A	AVG T	remp °C	ł				
sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other Note: Samples are discarded 30 days after results are reported unless								stic, <b>ag</b> - amb					

.

# SPUR ENERGY PARTNERS

SOUTH BOYD FED COM BTY EXCAVATION MAP

### Legend

## Page 170 of 188

- BOTTOM HOLE COMPOSITE
- COMP EXCV AREA
- SIDEWALL COMPOSITE

BH1: 32.622990 -104.467537 BH2: 32.622983 -104.467507 BH3: 32.622961 -104.467479 BH4: 32.622932 -104.467451 BH5: 32.622904 -104.467420 SWC-N: 32.622973 -104.467458 SWC-E: 32.622886 -104.467458 SWC-W: 32.622996 -104.467557 SWC-N (S): 32.622926 -104.467481

SWC-W

BH1

BH2

BH3

SWC-N

BH4 SWE N (LABELLED WRONG 2' SAMPLE)

BH5

SWG-E O

Earth Pe

20 ft

Creleased to Imaging: 7/21/2021 10:46:59 AM

# Spur Energy Weights Statement - Total Received

Receive Date	Manifest Number	Lease Name	Weight (lbs.)	Weight (Tons)
6/1/2020	137244	South Boyd Fed Com Battery	25,420	12.71
6/2/2020	137262	South Boyd Fed Com Battery	41,600	20.80
6/3/2020	137282	South Boyd Fed Com Battery	40,520	20.26
		TOTALS:	107,540	53.77
			lbs.	Tons

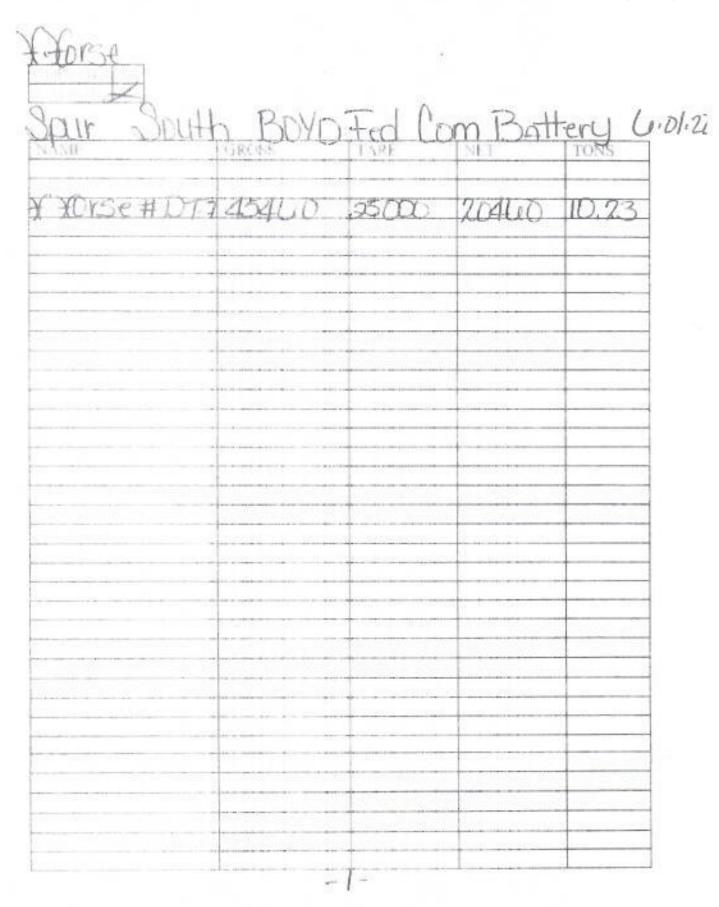
Lea Land Landfill New Mexico Mile Market # 64 US Highway 62/180 30 miles East of Carlsbad, NM \* (505) 887-4048

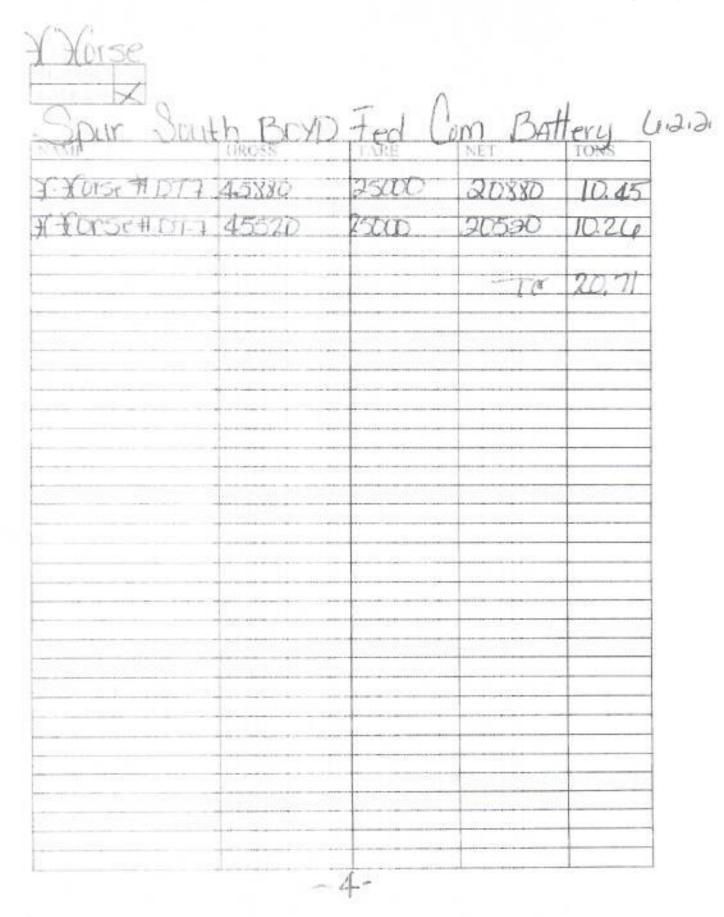
Page 172 of 188

	DROWT STATERS IN	LEA LA	ND, LLC	PHONE (	405) 236-4	× Y	n DISE	_
NON	-HAZARDOUS WASTE MANH	TEST 10	137244	1 PA	GEOF	_ 2 TRAIL	ER NO.	TA
G	3 COMIANY NAME Spur Energy	4 ADDRESS 920 Memorial			-	ICK-UP DATE 6/1/2020		~
E	PHONE NO. /F (833) 930-8502	Houston	STATE Tx.	770	1000	NRCC I.D. NO	)	
Ŀ	7. NAME OR DESCRIPTION OF WASTE SHIPP	FD		S.CON No.	TAINERS Type	9. TOTAL OLANTITY	10. UNIT Wr. Vol.	U. TEXA WASTE ID
N	Non-Regulated, Non Hazardous Wait	ta		1	CM			
	b.			1			1	
E	£.							
R	WT: 25,420							
A	SOUTH BOYD FED COM BATTERY	8	8			13. WASTE P	ROFILE N	0.
a	IA IN C	ASE OF EMERC	ENCY OR SPIL	1.00	NTACT			
т	NOE ONTIVEROS	57528672048	Liter Oktorit	101 600	11401	24-HOUR	EMERGE	NCY NO.
0	S GENERATOR'S CERTIFIC ATION	ed laberal, instances a	If he specify in proper co	stadiation fi	IN TRADUCTION OF	by highway acc	cerding to a	pplicable
R	28. MAN: SERRY MATHEWS		SIGNATURE					DATE
			and the second sec					
T	16 TRANSPORTER (1)		17	TI	RANSPO	RTER (2)		
T R A	16 TRANSPORTER (1) NAME. HUNGRY HORS	E.	17. NAME:	TI	RANSPO	RTER (2)		
RAN	NAME. HUNGRY HORS		1.000	TI	RANSPO	RTER (2)		
R A N S P	NAME. HUNGRY HORS	RNON BLACK	NAME					
RANSPO	NAME. HUNGRY HORSE TEXAS LD. NO. VE IN CASE OF EMERGENCY CONTACT EMERGENCY PILONE (575	RNON BLACK 5) 631-2268	NAME TEXAS1.5 NO IN CASE OF EME SMERGENCE PE	ORCENC 10%EL	Y CONTAG	-Ti		
R A N S P O R T	NAME. HUNGRY HORS TEXAS LD. NO. VE IN CASE OF EMERGENCY CONTACT EMERGENCY PILONE IR. TRANSPORTER (1): Acknowledgeneer	RNON BLACK 5) 681-2268 of receipt of restrict	NAME TEXAS1.3 NO IN CASE OF EMB	ORCENC 10%EL	Y CONTAG	-Ti	roothpi of a	uterial
RANSPORTE	NAME. HUNGRY HORS TEXAS LD. NO. VE IN CASE OF EMERGENCY CONTACT EMERGENCY PILONE IR. TRANSPORTER (1): Acknowledgeneer	RNON BLACK 5) 681-2268 of receipt of restrict	NAME TEXAS 1.3 NO IN CASE OF DMI SMCRGENCY PE ON TRANSPO PRINTEENTY PC	RCENC IONE RTER	) (()\7A) (2): Anim	-Ti	roetipi al'n	uterial
R A N S P O R T	NAME. HUNGRY HORS TEXAS LD. NO. VE IN CASE OF EMERGENCY CONTACT EMERGENCY PILONE IR. TRANSPORTER (1): Acknowledgeneer	RNON BLACK 5) 681-2268 of receipt of restrict	NAME TEXAS 1.3 NO IN CASE OF EMI SMERGENCE PE IN TRANSPO	RCENC 105 <u>E</u> RTER 2 NAME	Y CONTA (2): Acial	Ti Wielgestra of I	roestyri af n MTE	uterial
RANSPORTER	NAME. HUNGRY HORS	RHON BLACK 5) 631-2268 of receipt of minimal MAC 8/1/ ALIGNESS	NAME TEXAS 1.3. NO IN CASE OF DMI SMCRGENCY PE ON TRANSPO PRINTELY IV PCI 20205 SIGNATURE	RGENC IONE RTER D NAME	(2): Anim	T) wiedgester of t	MTE	
RANSPORTER	NAME. HUNGRY HORS TEXAS LD. NO. VE IN CASE OF EMERGENCY CONTACT EMERGENCY PILONE IR. TRANSPORTER (1): Acknowledgeneer	RHON BLACK 5) 681-2268 of receips of marrial ALTC 8/10 3110-8155 VIII	NAME TEXAS 1.3. NO IN CASE OF DMI SMERGENCI. PH OLTRANSPO PRINTEENTY PET 20240	RCENE RTER D NAME	ч союта; (2): Асілі ту 62-18	T) wiedgester of t	MTE	uterial
RANSPORTERS DISPI	NAME. HUNGRY HORS	RHON BLACK 5) 681-2268 of receips of marrial ALTL 8/10	NAME TEXAS 1.3 NO IN CASE OF DMI RMERGENCI PE ON TRANSPO PRINTED/TVPCI 20205 SIGNATURE 20205	RCENE RTER D NAME	ч союта; (2): Асілі ту 62-18	T) wiedgester of t	MTE	
RANSPORTERS DISC	NAME. HUNGRY HORS	RINON BLACK 5) 631-2268 of receips of maintal ADC Attorn 55 Mill 30 2 xico CATION: 10.002	NAME TEXAS 1.3 NO IN CASE OF EMI RMERGENCI (PE ON TRANSPO PRINTED/TVPE 2020) SIGNATURE e Marker 64, U Miles East of C 10 COMMENTS	RCENC RTER D NAME S. Hw arlsbad	y 62/18 i NM	Ti wiedgestra of t J PHONE 0.	MTE 575-88	7-4048

	1300 WEST MADESTR		AND, LLC	HONE (4	4051 236-42		Con	S.a.
NO	N-HAZARDOUS WASTE MANIFE		137262		GE_OF	_ 2 TRAIL	ER NO.	JT-1
G		ADDRESS R20 Memoria			5. P	CK-UP DATE 6/2/2020	-	217
E	224	Houston	STATE T'x.	770	24	NRCC LD NO	λ.	
	7. NAME OR DESCRIPTION OF WASTE SHIPPED			8. CON No.	TAINERS Type	9 TOTAL QUANTITY	10. UNIT Wr Vol.	ULTEXA WASTE ID
N	Non-Regulated, Non Hazardous Waste			1	CM		-	
E	c							
R	WT ZMMOD 1390	D						
A	SOUTH BOYD FED COM BATTERY		-To 4	100	D	13. WASTE P	ROFILE N	a.
т		E OF EMER PHONE NO 575-887-404	RGENCY OR SPIL	L, CON	TACT	24-HOUR	EMERGE	NCY NO.
0	15 GENERATOR'S CERTIFIC ATTON: shapping name and acceleration for the total of the total momentational and stational party increases and the	Hereby as a man of the out, and and	has the common of this co will respect to project co	nsignines ndition fo	r transport	by lughway acc	cording to a	pplicable
R	CO. MAN: JERRY MATHEWS		SIGNATORI					DATE
T R A N S P O	IN CASE OF EMPROPERTY TURNAL (675)1	10N BLACK	CASE OF EME	RGENCY		RTER (2)		
R T E R	IN TRANSPORTER (1):	acquirin a	• TRANSPOL • TRANSPOL • TRANSPOL	RTER (	2): Askne	wiedgment of	receipt of n	naterial
S	SIGNAT R Daniel Warner	8 1870	/2/2020 SIGNATURE				DATE	
DF	Lea Land, LL	strong 27	lile Marker 64, U. 0 Miles East of Ca			D, PHONE	575-88	7-4048
S C P L	WM-01-035 - New Mexic	a.	.20 COMMENTS					
0 L S 1	71 DISPOSAL FACILITY'S CERTIFICATION OF A		is cently that the above of	les:nbed	wostes were	delivered to t	his facility,	that the
AT	and the second sec	and the second sec			DAL			M 30

	1000 64 51 54 51 51		ND, LLC	HONE 14	01/236-4	w Va	-	, You
NO	N-HAZARDOUS WASTE MANIF	EST	137282	L PAG	t of	TRAD	LIRNO -	1 The
	3. COMPANY NAME	< ADDRESS	de la la secolaria		5.1	PICK-UP DATE	6	Pri
G	Spur Energy	920 Memorial	City Way			6/3/2020		
	PHONE NO. 142	CTY	STATE	2	GP 6.1	ENRCC LD. NO	D.	
E	(833) 930-8502		Тх.	.770	24	5 TOTAL	10.UNIT	11. TEXA
	7. NAME OR DESCRIPTION OF WASTE SHIPPE	0		10 1	bpt	QUANTITY	Wr Vol.	WASTE ID
N	Non-Regulated, Nan Hazardous Wash	a		1	CM			
	h.							
E	e,		alla da colsatione				1	
R	WT: 210.440 13	8LiD				-	1	
A	12 COMMENTS OR SPECIAL INSTRUCTIONS: SOUTH BOYD FED COM BATTERY		To dos	20		13. WASTE P	PROFILE N	0,
	IA. IN CA	SE OF EMERO	GENCY OR SPIL	L, CON	TACT			
т	NAME JOE ONTIVEROS	7HONE NO 575-887-4048				24-HOUR	EMERGE	NCY NO.
0	is GENERATOR'S CERTIFICATION shipping area and an include a solution deal, as inversified and reason provided to obtain a	Hercie alcente du Oberiek and archite	all respects to respect to	udition for	transport	by highway and	cording to a	pplicable
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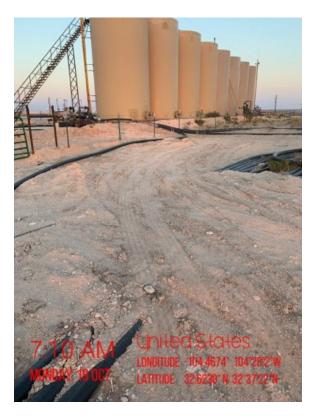




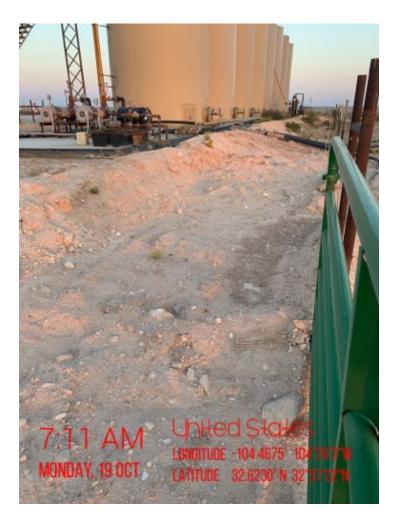
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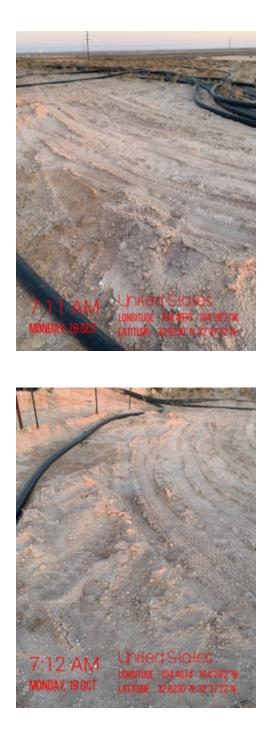
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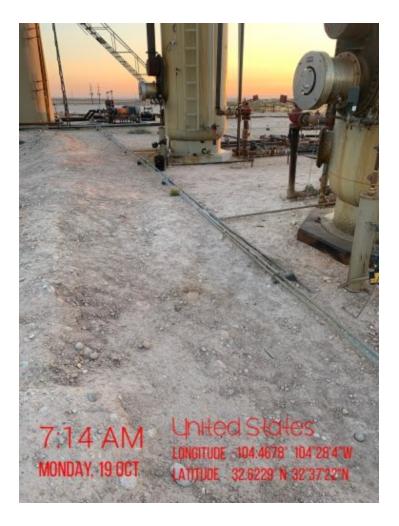






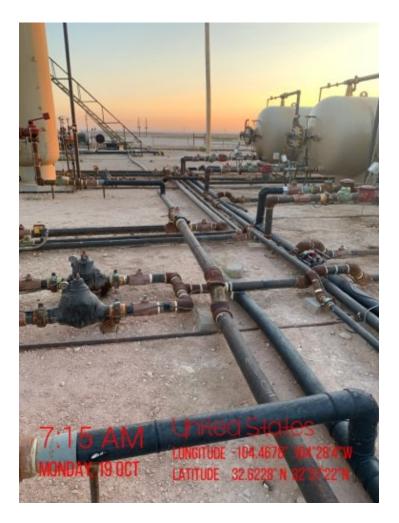


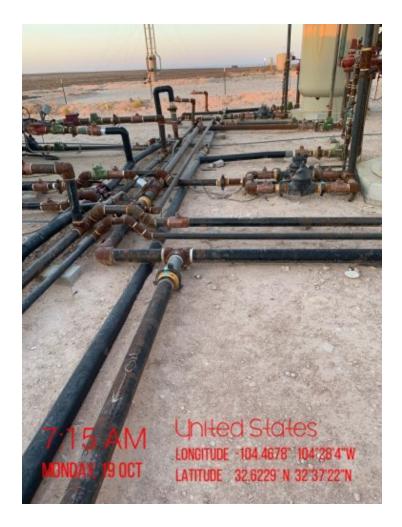












Form C-141

Page 3

State of New Mexico

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Page 183 of 188

## Site Assessment/Characterization

This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release?	UNK <mark>(ft bgs)</mark>
Did this release impact groundwater or surface water?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	🗌 Yes 🛛 No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	🗌 Yes 🛛 No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	🗌 Yes 🛛 No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	🗌 Yes 🛛 No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	🗌 Yes 🛛 No
Are the lateral extents of the release within 300 feet of a wetland?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying a subsurface mine?	🗌 Yes 🛛 No
Are the lateral extents of the release overlying an unstable area such as karst geology?	🛛 Yes 🗌 No
Are the lateral extents of the release within a 100-year floodplain?	🗌 Yes 🛛 No
Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?	🔲 Yes 🛛 No

Attach a comprehensive report (electronic submittals in .pdf format are preferred) demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined. Refer to 19.15.29.11 NMAC for specifics.

## Characterization Report Checklist: Each of the following items must be included in the report.

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

If the site characterization report does not include completed efforts at remediation of the release, the report must include a proposed remediation plan. That plan must include the estimated volume of material to be remediated, the proposed remediation technique, proposed sampling plan and methods, anticipated timelines for beginning and completing the remediation. The closure criteria for a release are contained in Table 1 of 19.15.29.12 NMAC, however, use of the table is modified by site- and release-specific parameters.

Received by OCD: 5/7/2021	4:41:59 AM	Mariaa		Page 184 of
orm C-141		State of New Mexico	Incident ID	
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			Application ID	
public health or the environme failed to adequately investigat	ent. The acceptance of a C- e and remediate contamina a C-141 report does not reli adden Title: <u>Direc</u>	-141 report by the OCD does no tion that pose a threat to ground eve the operator of responsibilit ctor of Environmental and Re		ould their operations have or the environment. In
Signature: <u>puta</u> email: <u>natalie@energystaf</u>		Telephone: <u>575-390</u>		

Page 5

*Received by OCD: 5/7/2021 4:41:59 AM* Form C-141 State of New Mexico

Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

# **Remediation Plan**

Remediation Plan Checklist: Each of the following items must be included in the plan.					
<ul> <li>Detailed description of proposed remediation technique</li> <li>Scaled sitemap with GPS coordinates showing delineation points</li> <li>Estimated volume of material to be remediated</li> <li>Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC</li> <li>Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)</li> </ul>					
Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.					
Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.					
Extents of contamination must be fully delineated.					
Contamination does not cause an imminent risk to human health, the environment, or groundwater.					
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.         Printed Name:       Natalie Gladden       Title:       Director of Environmental and Regulatory         Signature:       Multiculture       Date:       540-211         email:       natalie@energystaffingllc.com       Telephone:       575-390-6397					
OCD Only					
Received by:    Date:					
Approved Approved with Attached Conditions of Approval Denied Deferral Approved					
Signature: Date:					

Page 6

State of New Mexico Oil Conservation Division

Page	186	of	188
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Incident ID	
District RP	
Facility ID	
Application ID	

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

Closure Report Attachment Checklist: Each of the following items must be included in the closure report.

A scaled site and sampling diagram as described in 19.15.29.11 NMAC

Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

Laboratory analyses of final sampling (Note: appropriate ODC District office must be notified 2 days prior to final sampling)

Description of remediation activities

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. The responsible party acknowledges they must substantially restore, reclaim, and re-vegetate the impacted surface area to the conditions that existed prior to the release or their final land use in accordance with 19.15.29.13 NMAC including notification to the OCD when reclamation and re-vegetation are complete.

Printed Name: Natalie Gladden Title: Director of Environmental and Regulatory
Signature: Addie Aladae Date: 5-10-21
email: <u>natalie@energystaffingllc.com</u> Telephone: _575-390-6397
OCD Only
Received by: Date:
Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by:	Date:
Printed Name:	Title:

Page 6

State of New Mexico Oil Conservation Division

Incident ID	NRH2003450480
District RP	
Facility ID	
Application ID	

# Closure

The responsible party must attach information demonstrating they have complied with all applicable closure requirements and any conditions or directives of the OCD. This demonstration should be in the form of a comprehensive report (electronic submittals in .pdf format are preferred) including a scaled site map, sampling diagrams, relevant field notes, photographs of any excavation prior to backfilling, laboratory data including chain of custody documents of final sampling, and a narrative of the remedial activities. Refer to 19.15.29.12 NMAC.

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		Director of Environmental and Regulatory	
Signature:	noui Al	addu Date: 5-6-21	
email: natalie@en	nergystaffingllc.com	Telephone: _575-390-6397	
OCD Only			
Received by:	Robert Hamlet	Date: 7/21/2021	

Closure approval by the OCD does not relieve the responsible party of liability should their operations have failed to adequately investigate and remediate contamination that poses a threat to groundwater, surface water, human health, or the environment nor does not relieve the responsible party of compliance with any other federal, state, or local laws and/or regulations.

Closure Approved by: Robert Ha	mlet Date:	7/21/2021
Printed Name: Robert Hamlet	Title:	Environmental Specialist - Advanced

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

District IV 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

Operator:	OGRID:
Spur Energy Partners LLC	328947
9655 Katy Freeway	Action Number:
Houston, TX 77024	27247
	Action Type:
	IC-1411 Release Corrective Action (C-141)

#### CONDITIONS

Created	Condition	Condition
By		Date
	The Closure Report is approved. On future releases, if rock refusal hinders delineation/excavation, use a hydrovac to clean contaminated soil off rock. After rock surface is clean, layer rock with microbial strains to digest organics and hydrocarbons if present. Back-fill with clean material. Please make sure this process is incorporated into remediation projects and included on future closure report summaries if rock refusal is encountered.	7/21/2021

Action 27247