

PO Box 301 | Lovington, NM 88260 | Phone 575.396.2378

August 28, 2018

Attn. Mike Bratcher NMOCD, District 2 811 South First Street Artesia, NM 88210

> RE: Corrective Action Plan Cambrian Management Dorstate SWD UL/H Sec.27, T25S R28E 32.102789, -104.068449 NMOCD Reference # 2RP – 4364

Mr. Bratcher:

Cambrian Management (Cambrian) has retained Basin Environmental Service Technologies (Basin) to address potential environmental concerns at the above-referenced site.

Background and Previous Work

The site is located approximately eight and one-half (8.5) miles south of Malaga, New Mexico at Unit Letter H of Section 27 in Township 25 South of Range 28 East (See Figure 1). This site is located in an area where groundwater is anticipated to be encountered at an estimated depth sixty-five (65) +/- feet below ground surface (bgs) (See Figure 4).

On August 23, 2017, a representative of the New Mexico State Land Office (NMSLO) notified Cambrian and the New Mexico Oil Conservation Division's (NMOCD) Artesia District Office via email that a release (or series of releases) had occurred at the Dorstate Salt Water Disposal (SWD). It was determined that driver inattention and excess rainwater had caused the on-site sumps to overflow. This resulted in the release of approximately twenty-five (25) barrels of produced water. No liquids from the release were recovered. An environmental site assessment was performed, and it was determined that the current release and/or historical release(s) is estimated to have a impacted two-hundred and twelve thousand, six-hundred and seventy-two (212,672) square feet (ft²) of gypsum pad and pasture. An initial C-141 (Release Notification and Corrective Action) was submitted to NMOCD on August 24th, 2017 for approval.

Basin personnel were on site beginning July 23rd, 2018, to perform another assessment. Discrete soil samples were retrieved on the perimeter of the stain to establish the horizontal extent of the impact. Field screens indicate that the release spread in the subsurface or a historical(s) release was encountered as the subsurface perimeter extended beyond the visible stain.

Corrective Action Plan

The pad area will be excavated to an approximate depth of 1-2', bgs. The remediated soils will be disposed of at an NMOCD approved landfill. The excavated pad area will be backfilled with clean, non-impacted gypsum, rolled and compacted before being contoured to the surrounding area.

The impacted pasture area will be excavated to a maximum depth of four (4) feet bgs. Once the floor depth of the excavation is established, numerous discrete soil samples will be retrieved from both the floor of the excavation as well as the walls and delivered to an NMOCD approved laboratory for analyses of benzene, toluene, ethyl-benzene xylenes (BTEX), gasoline range organics (GRO), diesel range organics (DRO), oil range organics (ORO), (total petroleum hydrocarbons [TPH], and chlorides. If the laboratory analyses indicate any of the constituents of interest are above the recommended remediation action levels (RRAL) for this location (1,000 mg/kg – TPH, 50 mg/kg – BTEX, 600 mg/kg – chlorides), after delineation, a 20-mil liner will be placed to ensure percolation is limited vertically downward as well as preventing effusion upwards towards the surface. Before liner placement (if required), full delineation of each sample point will occur. (See attached Perimeter Sampling Map). The impacted soil will be removed and disposed of at an approved NMOCD facility. The pasture excavation will be backfilled with clean, non-impacted topsoil and contoured to the surrounding area.

In the event the reserve pit area is encountered during remediation, the perimeter of the reserve pit will be identified, and it will have a new liner placed with 2' of clean, non-impacted topsoil placed and contoured for drainage.

At a time conducive for germination, the location will be seeded with the preferred seed mix of the land owner free of non-noxious or invasive vegetation. The seed will be applied with either a drill or broadcast method to ensure complete coverage of affected area. The seeds will then be sown with a disc (in compacted soils), rake or a harrow.

The supporting documentation for this Corrective Action Plan is attached.

Basin appreciates the opportunity to work with you on this project. Please contact me if you have any questions or wish to discuss the site.

Sincerely,

M

Robbie Runnels Project Manager

Basin Environmental Service Technologies

(575) 396-2378

Attachments:

Figure 1 – Site Location Map

Figure 2 - Area Sampling Data and Proposed Excavation

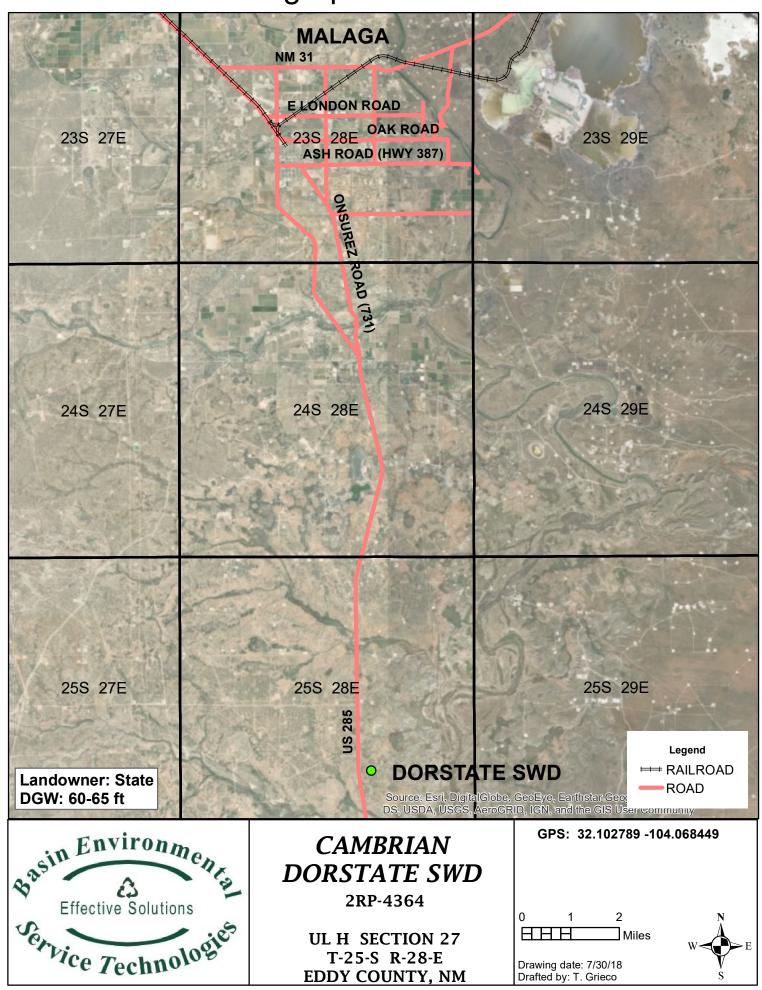
Figure 3 – Approximate Depth to Groundwater

Figure 4 - Soil Chemistry Table

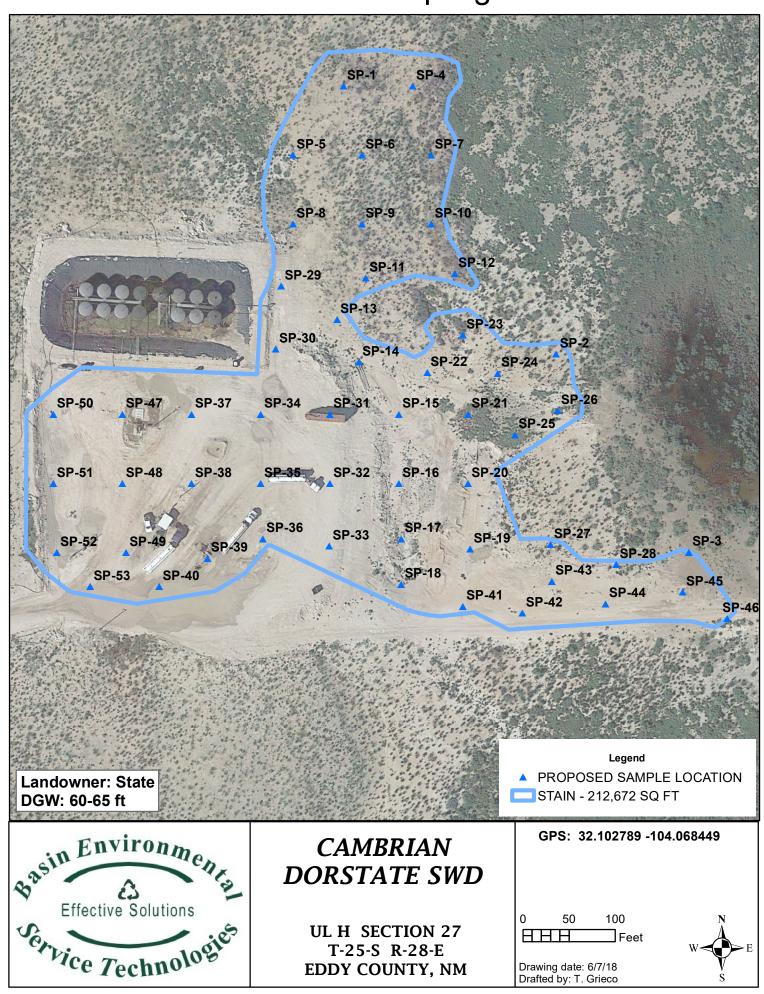
Appendix A – Photo Documentation Appendix B – Initial C-141 Forms

Appendix C – Analytical Reports

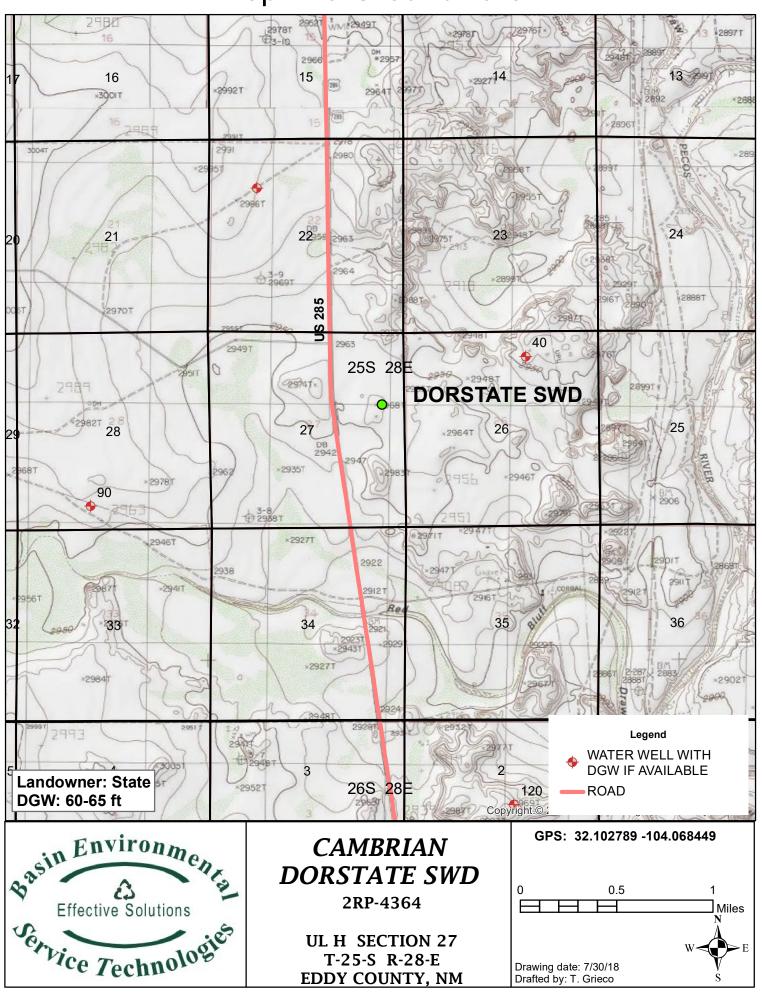
Geographic Location



Initial Sampling



Depth to Groundwater



				l N	METHOD: EF	PA SW 846-8	3021B, 5030			METHO	D: 8015M		300
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended	Remediation	Action Levels	(RRALs)	10	NE	NE	NE	50	NE	NE	NE	1,000	600
SP-1 @ 1'	1'	3/29/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	4,030
SP-1 @ 5'	5'	3/29/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,120
SP-1 @ 9'	9'	3/29/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,610
		1 0 100 100 10		1 0050			0.450		40.0	10.0	40.0	10.0	
SP-2 @ 1'	1'	3/29/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	55.7
SP-3 @ 1'	1'	3/29/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	75.1
3F-3 (W) 1		3/29/2010	III-OILU	_ <0.030	<u> </u>	<0.030	<0.150	_ <0.500	<u> </u>	<u> </u>	<u> </u>	<u> </u>	75.1
SP-4 @ 1'	1'	4/2/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	4,740
SP-4 @ 3'	3'	4/2/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,860
SP-4 @ 5'	5'	4/2/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	850
SP-4 @ 6'	6'	4/2/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	758
J		.,_,_,	5.15	0.000	0.000	0.000	000	0.000					100
SP-5 @ 1'	1'	4/2/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	4.800
SP-5 @ 3'	3'	4/2/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3,900
- 0 -													
SP-6 @ 1'	1'	4/2/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	38.3
				•									
SP-7 @ 1'	1'	4/2/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	98.4
SP-8 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	8,070
SP-9 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	119
SP-10 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	35.6
SP-11 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	29.7	<10.0	29.7	5,040
SP-12 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,450
SP-12 @ 3'	3'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,460
SP-12 @ 5'	5'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,180
OD 40 O 41		1,0,000.15	1 0"	1 .0.050		.0.050	.0.450	.0.000	.40.0	.40.0	.40.0	.40.0	0.000
SP-13 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,600

				l N	METHOD: EF	PA SW 846-8	3021B, 5030			METHO	D: 8015M		300
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	(mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	EXT DRO C_{28} - C_{35} (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended	Remediation	Action Level	s (RRALs)	10	NE	NE	NE	50	NE	NE	NE	1,000	600
SP-14 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	9,180
SP-15 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	37.0	11.5	48.5	5,240
SP-16 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	269
SP-17 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,710
SP-18 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	3,130
SP-19 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	1,150
SP-20 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	31.0
SP-21 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	<50.0
SP-22 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	16.0
SP-23 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	37.9
SP-24 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	20.5
SP-25 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,390
SP-26 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	292
SP-27 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	35.7	24.9	60.6	931
SP-28 @ 1'	1'	4/3/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	945
SP-29 @ 1'	1'	4/9/2018	In-Situ			-	-	-	-	-	-	-	1,310
SP-29 @ 8'	8'	4/9/2018	In-Situ	-	-	-	-	-	-	-	-	-	336

				l N	METHOD: EF	PA SW 846-8	3021B, 5030			METHO	D: 8015M		300
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	(mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended	Remediation	Action Levels	s (RRALs)	10	NE	NE	NE	50	NE	NE	NE	1,000	600
SP-30 @ 1'	1'	4/9/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	4.400
SP-30 @ 1 SP-30 @ 6'	6'	4/9/2018	In-Situ	<0.050	<0.050	<0.050 -	- 40.150	<0.300	<10.0 -	<10.0	< 10.0	- 10.0	1,490 336
SP-30 @ 6	0	4/9/2016	in-Situ	-	-	-	_	-	-	-	-	_	330
SP-31 @ 1'	1'	4/9/2018	In-Situ	T -	-	-	_		_	_	_	l -	928
SP-31 @ 10'	10'	4/10/2018	In-Situ	_	_	_	_	_	_	_		_	944
01-01 @ 10	10	1 4/ 10/2010	III-Oitu			_	_						377
SP-32 @ 1'	1'	4/10/2018	In-Situ	_	-	_	-	-	-	-	-		912
SP-32 @ 10'	10'	4/10/2018	In-Situ	_	_	_	_	-	-	_	_	-	560
SP-33 @ 1'	1'	4/10/2018	In-Situ	-	-	-	-	-	-	-	-	-	4,240
SP-33 @ 10'	10'	4/10/2018	In-Situ	-	-	-	-	-	-	-	-	-	3,800
		•											
SP-34 @ 1'	1'	4/10/2018	In-Situ	-	-	-	-	-	-	-	-	-	7,100
SP-34 @ 10'	10'	4/10/2018	In-Situ	-	-	-	-	-	-	-	-	-	1,540
SP-35 @ 1'	1'	4/10/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	97.7	38.0	136	8,200
SP-35 @ 10'	10'	4/10/2018	In-Situ	<u> </u>	<u> </u>	-	-	-	-	-	-	_	4,300
	ı	1											
SP-36 @ 1'	1'	4/11/2018	In-Situ	<0.050	0.062	<0.050	1.12	1.18	38.1	1,190	216	1,444	12,000
SP-36 @ 10'	10'	4/11/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	19.2	<10.0	19.2	2,320
SP-37 @ 1'	1'	4/11/2018	In-Situ	T -	I	_	_	ı	-	_		I -	5,440
SP-37 @ 10'	10'	4/11/2018	In-Situ	-	-	_	_	_	-			-	4.560
3F-37 W 10	10	4/11/2010	iii-Oitu		<u> </u>	<u>-</u>	-	_	-	-		-	4,300
SP-38 @ 1'	1'	4/11/2018	In-Situ		l -	-	-		-	-	-	I -	8,800
SP-38 @ 10'	10'	4/11/2018	In-Situ	_	_	_	_	_	-	-	_	-	1,650
													.,
SP-39 @ 4'	4'	4/11/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	15,600
SP-39 @ 10'	10'	4/11/2018	In-Situ	-	-	-	-	-	-	-	-	-	7,000
												•	
SP-40 @ 1'	1'	4/11/2018	In-Situ	-	-	-	-	-	-	-	-	-	2,160
SP-40 @ 10'	10'	4/11/2018	In-Situ	-	-	-	-		-			-	960

					METHOD: EF	A 044 040-0	02 10, 3030			WIL IIIO	D: 8015M		300
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	TOTAL XYLENES (mg/Kg)	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended I	Remediation	Action Levels	(RRALs)	10	NE	NE	NE	50	NE	NE	NE	1,000	600
					T							1	
SP-41 @ 1'	1'	4/12/2018	In-Situ	-	-	-	-	-	-	-	-	-	1,600
SP-41 @ 5'	5'	4/12/2018	In-Situ	-	-	-	-	-	-	-	-	-	368
CD 40 @ 41	41	4/40/0040	lin Citi	1 40.050	40.050	40.050	40.450	40.200	-10.0	410.0	-40.0	1 400	2.000
SP-42 @ 1'	<u>1'</u> 6'	4/12/2018 4/12/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	2,600 384
SP-42 @ 6'	0	4/12/2018	In-Situ	-	-	-	-	_	-	-	-	-	384
SP-43 @ 1'	1'	4/12/2018	In-Situ	T -		l -	_		-	_	-	l -	2,520
SP-43 @ 10'	<u>'</u> 10'	4/12/2018	In-Situ	-	-	-		<u> </u>	-	-	-	_	3,120
3F-43 @ 10	10	4/12/2010	III-Situ					<u>-</u>	-	-			3,120
SP-44 @ 1'	1'	4/12/2018	In-Situ			-	_	_	-	_	_	l -	2,280
SP-44 @ 7'	<u>.</u> 7'	4/12/2018	In-Situ	_	_	_	_	_	_	_	_	_	304
J @ .		.,,_	5.15										
SP-45 @ 1'	1'	4/12/2018	In-Situ	-	-	l -	-	-	-	-	-	-	864
SP-45 @ 3'	3'	4/12/2018	In-Situ	-	-	-	-	-	-	-	-	-	224
				•		•							
SP-46 @ 1'	1'	4/12/2018	In-Situ	-	-	-	-	-	-	-	-	-	160
SP-47 @ 1'	1'	4/13/2018	In-Situ	-	-	-	-	-	-	-	-	-	2,160
SP-47 @ 10'	10'	4/13/2018	In-Situ	-	-	-	-	-	-	-	-	-	1,090
SP-48 @ 1'	1'	4/13/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	<10.0	<10.0	<10.0	6,320
SP-48 @ 10'	10'	4/13/2018	In-Situ	-	-	-	-	-	-	-	-	-	5,200
00.40.0.41	41	4/40/0040	1 0:1	ı	ı	ı						ı	
SP-49 @ 1'	1'	4/13/2018	In-Situ	-	-	-	-	-	-	-	-	-	8,000
SP-49 @ 10'	10'	4/13/2018	In-Situ	-	-	-	-	-	-	-	-	-	1,200
SP-50 @ 1'	1'	4/13/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	67.8	58.0	126	7,360
SP-50 @ 10'	10'	4/13/2018	In-Situ In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	- 67.8	58.0	120	3,160
SF -50 W 10	10	4/ 13/2010	III-OILU			_	-			-	-		3,160
SP-51 @ 1'	1'	4/13/2018	In-Situ		l -	l <u>-</u>	_	l <u>-</u>	_	_	_		2,000
SP-51 @ 10'	10'	4/13/2018	In-Situ	_	_	_	_	_	_	_	_	_	1,020

OXY USA, INC. DORSTATE SWD EDDY COUNTY, NEW MEXICO NMOCD REFERENCE #: 2RP-4364

				l N	IETHOD: EF	A SW 846-8	021B, 5030			METHO	D: 8015M		300
SAMPLE LOCATION	SAMPLE DEPTH (BGS)	SAMPLE DATE	SOIL STATUS	BENZENE (mg/Kg)	TOLUENE (mg/Kg)	ETHYL- BENZENE (mg/Kg)	_	TOTAL BTEX (mg/Kg)	GRO C ₆ -C ₁₂ (mg/Kg)	DRO C ₁₂ -C ₂₈ (mg/Kg)	EXT DRO C ₂₈ -C ₃₅ (mg/Kg)	TPH C ₆ -C ₃₅ (mg/Kg)	CHLORIDE (mg/Kg)
NMOCD Recommended	Remediation	Action Levels	(RRALs)	10	NE	NE	NE	50	NE	NE	NE	1,000	600
SP-52 @ 1'	1'	4/13/2018	In-Situ	-	-	-	-	-	-	-	-	-	2,640
SP-52 @ 10'	10'	4/13/2018	In-Situ	-	-	-	-	-	-	-	-	-	528
SP-53 @ 1'	1'	4/13/2018	In-Situ	<0.050	<0.050	<0.050	<0.150	<0.300	<10.0	13.8	<10.0	13.8	5,280
SP-53 @ 10'	10'	4/13/2018	In-Situ	-	-	-	-	-	-	-	-	-	784
_													

NE = Not established

Concentrations in BOLD exceed NMOCD RRALs

^{- =} Not analyzed



Dorstate SWD - Release Site (Looking Northwest)



Dorstate SWD - Release Site (Looking North-Northeast



Dorstate SWD – Release Site (Looking Northwest)



Dorstate SWD – Release Site (Looking North-Northwest)



 $Dorstate\ SWD-Release\ Site\ (Looking\ Northeast)$



Dorstate SWD – Release Site (Looking Northwest)



Dorstate SWD – Release Site (Looking North)



Dorstate SWD – Release Site (Looking West)



Dorstate SWD – Release Site (Looking West)



Dorstate SWD – Release Site (Looking Northwest)



 $Dorstate\ SWD-Release\ Site\ (Looking\ North)$



Dorstate SWD – Release Site (Looking Northeast)



 $Dorstate\ SWD-Release\ Site\ (Looking\ Northwest)$



Dorstate SWD – Release Site (Looking North)



Dorstate SWD – Release Site (Looking North)



Dorstate SWD – Release Site (Looking Southwest)



Dorstate SWD – Release Site (Looking Northeast)



Dorstate SWD – Release Site (Looking Northwest)



 $Dorstate\ SWD-Release\ Site\ (Looking\ West-Northwest)$



Dorstate SWD – Release Site (Looking West-Northwest)

NM OIL CONSERVATION

ARTESIA DISTRICT

District 1
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

* Attach Additional Sheets If Necessary

State of New Mexico
Energy Minerals and Natural Resources

AUG 2 9 2017

Form C-141 Revised April 3, 2017

Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505 Submit 1 Copy to appropriate District Office in RECEIVE Accordance with 19.15.29 NMAC.

			Rele	ease Notific	ation	and Co	rrective A	ction				
_NABI	12413	5283		198	488	OPERA'			X Initia	al Report		Final Report
Name of Co	ompany (ambria	n Ma	ragement. L	tol.	Contact	mike An		46			
Address Pr Facility Na		- 1		TXV 79702			No. 438-63	31-43	98	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
		cstate Su	0D			Facility Typ	e Swd					
Surface Ow	ner			Mineral O	wner				API No	. 30-015	·23	798
						OF RE						
Unit Letter	Section	Township	Range	Feet from the		South Line	Feet from the	East/V	est Line	County	-	
H	27	<i>25S</i>	28 E	1980	No	irth	660	Ea	.st	Edd	Y	
			Latitud	le <u>32, 102 68</u> 4	Lo	ngitude <u>/</u>	14.068565	NAD	33			
					URE	OF REL						
Type of Rele	ase Wat	er, Produc	ed wal	er			Release 25 b		Volume 1	Recovered	Ð	0.00 /2
Source of Re Was Immedi		liven?	*****			If YES, To	Iour of Occurrence Whom?	ce	Date and	Hour of Dis	covery	8-23-17 0:04 PM
Tracinica	aic minec (Yes 🛚	No 🗌 Not Re	quired	11 120, 10	, 4110m;					3,047
By Whom?		***************************************				Date and l						
Was a Water	course Read		Yes 🔯	No		If YES, Ve	olume Impacting	the Wate	rcourse.			
If a Watercon	aree was Im			•				······	*	**************************************		
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Pastu	e lan	d and	aws	noitosol								
regulations a public health should their or the enviro	If operators or the envi operations has nment. In a	are required to ronment. The nave failed to	to report a c acceptan adequately OCD accep	e is true and compi nd/or file certain roce of a C-141 repo y investigate and ro ptance of a C-141 r	clease no rt by the emediate	otifications a c NMOCD to c contaminat	and perform corre- parked as "Final Fi ion that pose a the ye the operator of	ctive act Report" of reat to gr respons	ons for rel oes not rel ound wate bility for c	eases which ieve the ope r, surface wa compliance v	may e rator o ater, he vith an	ndanger I liability unan health
-	<u> </u>						OIL CON	SERV	ATION	DIVISIO	<u>M</u>	
Signature:	Doni	ai Jon	80				Signed D-	· WA				
Printed Nam	c: Don'	ise Jone	s		1	Approved by	Signed By Environmental	Sp écialis	(4 R)	CANTILLE	-	
Title: Reav	. 1	Amlyst				Approval Da	uc: 8/20/1	1	Expiration	Date: M	A	
3	1	rs@cam	briann	nant com		Conditions of	f Approval:	1				
Date: 8-6	_	**************************************		:430-620-911			See) a	Had	ned	Attached	D.	4814



April 11, 2018

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: DORSTATE SWD

Enclosed are the results of analyses for samples received by the laboratory on 04/04/18 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Total Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Cardinal Laboratories is accredited through the State of New Mexico Environment Department for:

Method SM 9223-B Total Coliform and E. coli (Colilert MMO-MUG)
Method EPA 524.2 Regulated VOCs and Total Trihalomethanes (TTHM)

Method EPA 552.2 Total Haloacetic Acids (HAA-5)

Celey D. Keine

Accreditation applies to public drinking water matrices for State of Colorado and New Mexico.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

Reported:

11-Apr-18 15:38

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
SP-1 @ 1'	H800935-01	Soil	29-Mar-18 10:00	04-Apr-18 16:30
SP-1 @ 5'	H800935-02	Soil	29-Mar-18 12:00	04-Apr-18 16:30
SP-1 @ 9'	H800935-03	Soil	29-Mar-18 14:50	04-Apr-18 16:30
SP-2 @ 1'	H800935-04	Soil	29-Mar-18 13:00	04-Apr-18 16:30
SP-3 @ 1'	H800935-05	Soil	29-Mar-18 13:40	04-Apr-18 16:30
SP-4 @ 1'	H800935-06	Soil	02-Apr-18 10:30	04-Apr-18 16:30
SP-4 @ 3'	H800935-07	Soil	02-Apr-18 11:00	04-Apr-18 16:30
SP-4 @ 5'	H800935-08	Soil	02-Apr-18 11:30	04-Apr-18 16:30
SP-4 @ 6'	H800935-09	Soil	02-Apr-18 12:00	04-Apr-18 16:30
SP-5 @ 1'	H800935-10	Soil	02-Apr-18 13:00	04-Apr-18 16:30
SP-5 @ 3'	H800935-11	Soil	02-Apr-18 13:15	04-Apr-18 16:30
SP-6 @ 1'	H800935-12	Soil	02-Apr-18 14:30	04-Apr-18 16:30
SP-7 @ 1'	H800935-13	Soil	02-Apr-18 14:50	04-Apr-18 16:30
SP-8 @ 1'	H800935-14	Soil	03-Apr-18 09:00	04-Apr-18 16:30
SP-9 @ 1'	H800935-15	Soil	03-Apr-18 09:10	04-Apr-18 16:30
SP-10 @ 1'	H800935-16	Soil	03-Apr-18 09:15	04-Apr-18 16:30
SP-11 @ 1'	H800935-17	Soil	03-Apr-18 09:20	04-Apr-18 16:30
SP-12 @ 1'	H800935-18	Soil	03-Apr-18 09:30	04-Apr-18 16:30
SP-12 @ 3'	H800935-19	Soil	03-Apr-18 10:10	04-Apr-18 16:30
SP-12 @ 5'	H800935-20	Soil	03-Apr-18 10:20	04-Apr-18 16:30
SP-13 @ 1'	H800935-21	Soil	03-Apr-18 10:40	04-Apr-18 16:30
SP-14 @ 1'	H800935-22	Soil	03-Apr-18 10:45	04-Apr-18 16:30
SP-15 @ 1'	H800935-23	Soil	03-Apr-18 10:50	04-Apr-18 16:30
SP-16 @ 1'	H800935-24	Soil	03-Apr-18 10:55	04-Apr-18 16:30
SP-17 @ 1'	H800935-25	Soil	03-Apr-18 11:00	04-Apr-18 16:30
SP-18 @ 1'	H800935-26	Soil	03-Apr-18 11:05	04-Apr-18 16:30
SP-19 @ 1'	H800935-27	Soil	03-Apr-18 11:10	04-Apr-18 16:30

Cardinal Laboratories *=Accredited Analyte

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TRINITY OILFIELD SERVICE P. O. BOX 2587 HOBBS NM, 88241	ES & RENTALS, LLC	Project: Project Number: Project Manager: Fax To:	BEN ARGUIJO	Reported: 11-Apr-18 15:38
SP-20 @ 1'	H800935-28	Soil	03-Apr-18 11:15	04-Apr-18 16:30
SP-21 @ 1'	H800935-29	Soil	03-Apr-18 11:20	04-Apr-18 16:30
SP-22 @ 1'	H800935-30	Soil	03-Apr-18 11:25	04-Apr-18 16:30
SP-23 @ 1'	H800935-31	Soil	03-Apr-18 11:30	04-Apr-18 16:30
SP-24 @ 1'	H800935-32	Soil	03-Apr-18 11:35	04-Apr-18 16:30
SP-25 @ 1'	H800935-33	Soil	03-Apr-18 11:40	04-Apr-18 16:30
SP-26 @ 1'	H800935-34	Soil	03-Apr-18 11:50	04-Apr-18 16:30
SP-27 @ 1'	H800935-35	Soil	03-Apr-18 11:55	04-Apr-18 16:30
SP-28 @ 1'	H800935-36	Soil	03-Apr-18 12:00	04-Apr-18 16:30

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

SP-1 @ 1' H800935-01 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	72-1	48	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctane			80.6 %	41-1	42	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			69.2 %	37.6-	147	8040603	MS	06-Apr-18	8015B	
			Green Anal	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	4030		100	mg/kg wet	100	B804052	JDA	06-Apr-18	EPA300.0	

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Celeg D. Keene



TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Reported: 11-Apr-18 15:38

Fax To: NONE

SP-1 @ 5' H800935-02 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctane			82.4 %	41-	142	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			72.1 %	37.6	-147	8040603	MS	06-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	2120		100	mg/kg wet	100	B804052	JDA	06-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

SP-1 @ 9'

H800935-03 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	72-1	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctane			83.6 %	41-1	142	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			75.0 %	37.6-	-147	8040603	MS	06-Apr-18	8015B	
			Green Anal	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	1610		100	mg/kg wet	100	B804052	JDA	06-Apr-18	EPA300.0	

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Reported:

11-Apr-18 15:38



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-2 @ 1' H800935-04 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborato	ories					
Volatile Organic Compounds by I	EPA Method 8	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-1	'48	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID					1				
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctane			82.8 %	41-1	142	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			74.4 %	37.6-	.147	8040603	MS	06-Apr-18	8015B	
			Green Analy	ytical Labo	ratories					
Soluble (DI Water Extraction)										
Chloride	55.7		10.0	mg/kg wet	10	B804052	JDA	06-Apr-18	EPA300.0	

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Reported:

11-Apr-18 15:38



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-3 @ 1' H800935-05 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctane			85.7 %	41-	142	8040603	MS	06-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			76.2 %	37.6-	-147	8040603	MS	06-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	75.1		50.0	mg/kg wet	50	B804052	JDA	06-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

SP-4 @ 1' H800935-06 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by 1	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
Surrogate: 1-Chlorooctane			80.2 %	41-	142	8040603	MS	07-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			70.0 %	37.6	-147	8040603	MS	07-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	4740		100	mg/kg wet	100	B804052	JDA	06-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO Fax To: NONE

Reported: 11-Apr-18 15:38

SP-4 @ 3' H800935-07 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
Surrogate: 1-Chlorooctane			82.4 %	41-	142	8040603	MS	07-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			68.9 %	37.6-	147	8040603	MS	07-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	1860		100	mg/kg wet	100	B804052	JDA	06-Apr-18	EPA300.0	

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11-Apr-18 15:38



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-4 @ 5' H800935-08 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborato	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-1	48	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
Surrogate: 1-Chlorooctane			86.1 %	41-1	42	8040603	MS	07-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			71.8 %	37.6-	147	8040603	MS	07-Apr-18	8015B	
			Green Anal	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	850		50.0	mg/kg wet	50	B804052	JDA	06-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-4 @ 6' H800935-09 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	11-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	11-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	11-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	11-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	11-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			96.3 %	72-1	148	8040505	MS	11-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040603	MS	07-Apr-18	8015B	
Surrogate: 1-Chlorooctane			86.8 %	41-1	142	8040603	MS	07-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			70.2 %	37.6-	147	8040603	MS	07-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	758		50.0	mg/kg wet	50	B804052	JDA	06-Apr-18	EPA300.0	

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P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-5 @ 1' H800935-10 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by Ge	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			78.8 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			84.0 %	37.6-	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	4800		100	mg/kg wet	100	B804052	JDA	06-Apr-18	EPA300.0	

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P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-5 @ 3' H800935-11 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			102 %	72-1	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			87.3 %	41-1	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			86.6 %	37.6-	147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	3900		100	mg/kg wet	100	B804052	JDA	06-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-6 @ 1' H800935-12 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			80.9 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			77.8 %	37.6	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	38.3		10.0	mg/kg wet	10	B804052	JDA	06-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO Fax To: NONE

Reported: 11-Apr-18 15:38

SP-7 @ 1'

H800935-13 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			103 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			84.2 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			82.2 %	37.6-	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	98.4		10.0	mg/kg wet	10	B804052	JDA	06-Apr-18	EPA300.0	

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11-Apr-18 15:38



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-8 @ 1' H800935-14 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Volatile Organic Compounds	by EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PIL))		104 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by	GC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			88.6 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			88.0 %	37.6	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)									
Chloride	8070		200	mg/kg wet	200	B804052	JDA	07-Apr-18	EPA300.0	

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P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

SP-9 @ 1' H800935-15 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Volatile Organic Compounds by 1	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	72-1	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			85.9 %	41-1	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			84.3 %	37.6-	147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	119		10.0	mg/kg wet	10	B804052	JDA	06-Apr-18	EPA300.0	

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P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-10 @ 1' H800935-16 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)		<u> </u>	105 %	72	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			87.3 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			85.2 %	37.6-	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	35.6		10.0	mg/kg wet	10	B804052	JDA	06-Apr-18	EPA300.0	

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Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

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Reported: 11-Apr-18 15:38

SP-11 @ 1' H800935-17 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds b	ov EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	72-1	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	29.7		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			88.6 %	41-1	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			89.7 %	37.6-	147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	5040		100	mg/kg wet	100	B804052	JDA	06-Apr-18	EPA300.0	

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Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

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Reported: 11-Apr-18 15:38

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SP-12 @ 1' H800935-18 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			79.0 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			75.2 %	37.6	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	1450		50.0	mg/kg wet	50	B804052	JDA	06-Apr-18	EPA300.0	

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Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-12 @ 3' H800935-19 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-1	148	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			89.4 %	41-1	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			95.0 %	37.6-	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	2460		100	mg/kg wet	100	B804052	JDA	07-Apr-18	EPA300.0	

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Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

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Reported: 11-Apr-18 15:38

SP-12 @ 5'

H800935-20 (Soil)

Analyte	Result	MDL Lii	orting nit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ories					
Volatile Organic Compounds by	y EPA Method	8021								
Benzene*	< 0.050	0.0	050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Toluene*	< 0.050	0.0	050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050	0.0	050	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150	0.1	.50	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Total BTEX	< 0.300	0.3	300	mg/kg	50	8040505	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-1	48	8040505	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0	10	0.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0	10	0.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0	10	0.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			91.5 %	41-1	42	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			98.9 %	37.6-	147	8040901	MS	10-Apr-18	8015B	
		Gree	n Analyt	ical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	1180	50).0 n	ng/kg wet	50	B804052	JDA	07-Apr-18	EPA300.0	

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P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

SP-13 @ 1' H800935-21 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	QR-03
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	QR-03
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	72-	148	8040506	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			89.6 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			97.0 %	37.6-	.147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	2600		100	mg/kg wet	100	B804053	JDA	07-Apr-18	EPA300.0	

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P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-14 @ 1' H800935-22 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds b	oy EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID))		109 %	72-1	'48	8040506	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by G	SC FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			91.2 %	41-1	42	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			98.6 %	37.6-	147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	9180		200	mg/kg wet	200	B804053	JDA	07-Apr-18	EPA300.0	

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P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO Fax To: NONE

Reported: 11-Apr-18 15:38

SP-15 @ 1' H800935-23 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			107 %	72-1	148	8040506	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	37.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	11.5		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			96.4 %	41-1	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			108 %	37.6-	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	5240		200	mg/kg wet	200	B804053	JDA	07-Apr-18	EPA300.0	

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11-Apr-18 15:38



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-16 @ 1' H800935-24 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	05-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	72-1	148	8040506	MS	05-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			88.3 %	41-1	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			95.7 %	37.6-	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	269		200	mg/kg wet	200	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-17 @ 1' H800935-25 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			107 %	72-	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			93.8 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			96.2 %	37.6-	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	1710		200	mg/kg wet	200	B804053	JDA	07-Apr-18	EPA300.0	

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11-Apr-18 15:38



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-18 @ 1' H800935-26 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			107 %	72-1	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			93.8 %	41-1	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			97.4 %	37.6-	147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	3130		100	mg/kg wet	100	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

SP-19 @ 1' H800935-27 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			106 %	72-1	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			86.3 %	41-1	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			91.1 %	37.6-	.147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	1150		200	mg/kg wet	200	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-20 @ 1' H800935-28 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds b	y EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	72-	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by G	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			86.5 %	41-	142	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			94.7 %	37.6-	-147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	31.0		10.0	mg/kg wet	10	B804053	JDA	07-Apr-18	EPA300.0	

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Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-21 @ 1' H800935-29 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	72-1	48	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			90.8 %	41-1	42	8040901	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			98.9 %	37.6-	147	8040901	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	< 50.0		50.0	mg/kg wet	50	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Reported: 11-Apr-18 15:38

Fax To: NONE

SP-22 @ 1' H800935-30 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			105 %	72-	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			84.3 %	41-	142	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			70.1 %	37.6-	-147	8040902	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	16.0		10.0	mg/kg wet	10	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

SP-23 @ 1' H800935-31 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	72-1	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			87.2 %	41-1	142	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			71.8 %	37.6-	-147	8040902	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	37.9		10.0	mg/kg wet	10	B804053	JDA	07-Apr-18	EPA300.0	

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11-Apr-18 15:38



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-24 @ 1' H800935-32 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	72-1	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			87.5 %	41-1	'42	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			71.8 %	37.6-	.147	8040902	MS	10-Apr-18	8015B	
			Green Analy	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	20.5		10.0	mg/kg wet	10	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Fax To: NONE

Project Manager: BEN ARGUIJO

Reported: 11-Apr-18 15:38

SP-25 @ 1' H800935-33 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	ıl Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			109 %	72-	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			93.2 %	41-	142	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			78.5 %	37.6	-147	8040902	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	2390		200	mg/kg wet	200	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

rax IO. NONE

SP-26 @ 1' H800935-34 (Soil)

Analyte	Result	MDL L	orting imit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardinal	Laborato	ries					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050	0.	050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050	0.	050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050	0.	050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150	0.	150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300	0.	300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			108 %	72-14	18	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GO	C FID									
GRO C6-C10*	<10.0	1	0.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0	1	0.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0	1	0.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			94.7 %	41-14	!2	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			81.1 %	37.6-1	47	8040902	MS	10-Apr-18	8015B	
		Gre	en Analyt	ical Labo	ratories					
Soluble (DI Water Extraction)										
Chloride	292	1	0.0 n	ng/kg wet	10	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

SP-27 @ 1' H800935-35 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardin	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			104 %	72-	148	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
DRO >C10-C28*	35.7		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	24.9		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			91.9 %	41-	142	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			94.9 %	37.6-	-147	8040902	MS	10-Apr-18	8015B	
			Green Anal	ytical Lab	oratories					
Soluble (DI Water Extraction)										
Chloride	931		200	mg/kg wet	200	B804053	JDA	07-Apr-18	EPA300.0	

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Reported:

11-Apr-18 15:38



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Project Manager: BEN ARGUIJO

Fax To: NONE

SP-28 @ 1' H800935-36 (Soil)

Analyte	Result	MDL	Reporting Limit	Units	Dilution	Batch	Analyst	Analyzed	Method	Notes
			Cardina	al Laborat	ories					
Volatile Organic Compounds by	EPA Method	8021								
Benzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Toluene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Ethylbenzene*	< 0.050		0.050	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total Xylenes*	< 0.150		0.150	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Total BTEX	< 0.300		0.300	mg/kg	50	8040506	MS	06-Apr-18	8021B	
Surrogate: 4-Bromofluorobenzene (PID)			110 %	72-1	48	8040506	MS	06-Apr-18	8021B	
Petroleum Hydrocarbons by GC	FID									
GRO C6-C10*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
DRO >C10-C28*	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
EXT DRO >C28-C36	<10.0		10.0	mg/kg	1	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctane			93.0 %	41-1	42	8040902	MS	10-Apr-18	8015B	
Surrogate: 1-Chlorooctadecane			89.6 %	37.6-	147	8040902	MS	10-Apr-18	8015B	
			Green Anal	ytical Labo	oratories					
Soluble (DI Water Extraction)										
Chloride	945		200	mg/kg wet	200	B804053	JDA	07-Apr-18	EPA300.0	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 8040505 - Volatiles										
Blank (8040505-BLK1)				Prepared &	Analyzed:	05-Apr-18	3			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.103		mg/kg	0.100		103	72-148			
LCS (8040505-BS1)				Prepared &	λ Analyzed:	05-Apr-18	}			
Benzene	2.14	0.050	mg/kg	2.00		107	79.5-124			
Toluene	2.11	0.050	mg/kg	2.00		106	75.5-127			
Ethylbenzene	2.12	0.050	mg/kg	2.00		106	77.7-125			
Total Xylenes	6.59	0.150	mg/kg	6.00		110	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.101		mg/kg	0.100		101	72-148			
LCS Dup (8040505-BSD1)				Prepared &	Analyzed:	05-Apr-18	3			
Benzene	2.09	0.050	mg/kg	2.00		105	79.5-124	2.15	6.5	
Toluene	2.08	0.050	mg/kg	2.00		104	75.5-127	1.45	7.02	
Ethylbenzene	2.09	0.050	mg/kg	2.00		104	77.7-125	1.57	7.83	
Total Xylenes	6.48	0.150	mg/kg	6.00		108	70.9-124	1.75	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.103		mg/kg	0.100		103	72-148			
Batch 8040506 - Volatiles										
Blank (8040506-BLK1)				Prepared &	λ Analyzed:	05-Apr-18	3			
Benzene	ND	0.050	mg/kg							
Toluene	ND	0.050	mg/kg							
Ethylbenzene	ND	0.050	mg/kg							
Total Xylenes	ND	0.150	mg/kg							
Total BTEX	ND	0.300	mg/kg							
Surrogate: 4-Bromofluorobenzene (PID)	0.107		mg/kg	0.100		107	72-148			

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

Volatile Organic Compounds by EPA Method 8021 - Quality Control

Cardinal Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 8040506 - Volatiles										
LCS (8040506-BS1)				Prepared &	λ Analyzed:	05-Apr-18	1			
Benzene	1.79	0.050	mg/kg	2.00		89.5	79.5-124			
Toluene	1.87	0.050	mg/kg	2.00		93.4	75.5-127			
Ethylbenzene	1.87	0.050	mg/kg	2.00		93.7	77.7-125			
Total Xylenes	5.58	0.150	mg/kg	6.00		93.0	70.9-124			
Surrogate: 4-Bromofluorobenzene (PID)	0.107		mg/kg	0.100		107	72-148			
LCS Dup (8040506-BSD1)				Prepared &	α Analyzed:	05-Apr-18	1			
Benzene	1.76	0.050	mg/kg	2.00		88.1	79.5-124	1.55	6.5	
Toluene	1.83	0.050	mg/kg	2.00		91.5	75.5-127	2.07	7.02	
Ethylbenzene	1.84	0.050	mg/kg	2.00		92.1	77.7-125	1.78	7.83	
Total Xylenes	5.48	0.150	mg/kg	6.00		91.3	70.9-124	1.83	7.78	
Surrogate: 4-Bromofluorobenzene (PID)	0.108		mg/kg	0.100		108	72-148			

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TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN

Reported: 11-Apr-18 15:38

Project Manager: BEN ARGUIJO

Fax To: NONE

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

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

Batch 8040603 - Ge	neral Prep	- O	rganics
--------------------	------------	-----	---------

Blank (8040603-BLK1)				Prepared & Anal	lyzed: 06-Apr-18	}			
GRO C6-C10	ND	10.0	mg/kg						
DRO >C10-C28	ND	10.0	mg/kg						
EXT DRO >C28-C35	ND	10.0	mg/kg						
EXT DRO >C28-C36	ND	10.0	mg/kg						
Total TPH C6-C28	ND	10.0	mg/kg						
Surrogate: 1-Chlorooctane	46.5		mg/kg	50.0	92.9	41-142			
Surrogate: 1-Chlorooctadecane	43.0		mg/kg	50.0	86.0	37.6-147			
LCS (8040603-BS1)				Prepared & Anal	lyzed: 06-Apr-18	1			
GRO C6-C10	213	10.0	mg/kg	200	106	76.5-133			
DRO >C10-C28	214	10.0	mg/kg	200	107	72.9-138			
Total TPH C6-C28	427	10.0	mg/kg	400	107	78-132			
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0	94.2	41-142			
Surrogate: 1-Chlorooctadecane	46.2		mg/kg	50.0	92.4	37.6-147			
LCS Dup (8040603-BSD1)				Prepared & Anal	lyzed: 06-Apr-18	1			
GRO C6-C10	218	10.0	mg/kg	200	109	76.5-133	2.47	20.6	
DRO >C10-C28	214	10.0	mg/kg	200	107	72.9-138	0.117	20.6	
Total TPH C6-C28	432	10.0	mg/kg	400	108	78-132	1.30	18	
Surrogate: 1-Chlorooctane	48.3		mg/kg	50.0	96.6	41-142			
Surrogate: 1-Chlorooctadecane	45.9		mg/kg	50.0	91.8	37.6-147			

Batch 8040901 - General Prep - Organics

Blank (8040901-BLK1)				Prepared: 09-Ap	r-18 Analyzed: 1	0-Apr-18	
GRO C6-C10	ND	10.0	mg/kg				
DRO >C10-C28	ND	10.0	mg/kg				
EXT DRO >C28-C35	ND	10.0	mg/kg				
EXT DRO >C28-C36	ND	10.0	mg/kg				
Total TPH C6-C28	ND	10.0	mg/kg				
Surrogate: 1-Chlorooctane	47.3		mg/kg	50.0	94.6	41-142	
Surrogate: 1-Chlorooctadecane	46.6		mg/kg	50.0	93.1	37.6-147	

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%REC



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Spike

Source

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

RPD

Petroleum Hydrocarbons by GC FID - Quality Control

Cardinal Laboratories

Reporting

		Reporting		Spike	Source		%REC		KPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 8040901 - General Prep - Organ	nics									
LCS (8040901-BS1)				Prepared: ()9-Apr-18 A	nalyzed: 1	0-Apr-18			
GRO C6-C10	216	10.0	mg/kg	200		108	76.5-133			
DRO >C10-C28	229	10.0	mg/kg	200		114	72.9-138			
Total TPH C6-C28	445	10.0	mg/kg	400		111	78-132			
Surrogate: 1-Chlorooctane	47.2		mg/kg	50.0		94.4	41-142			
Surrogate: 1-Chlorooctadecane	46.8		mg/kg	50.0		93.6	37.6-147			
LCS Dup (8040901-BSD1)				Prepared: (9-Apr-18 A	nalyzed: 1	0-Apr-18			
GRO C6-C10	204	10.0	mg/kg	200		102	76.5-133	5.65	20.6	
DRO >C10-C28	206	10.0	mg/kg	200		103	72.9-138	10.2	20.6	
Total TPH C6-C28	411	10.0	mg/kg	400		103	78-132	7.98	18	
Surrogate: 1-Chlorooctane	48.1		mg/kg	50.0		96.2	41-142			
Surrogate: 1-Chlorooctadecane	46.9		mg/kg	50.0		93.7	37.6-147			
Batch 8040902 - General Prep - Organ	nics									
Blank (8040902-BLK1)				Prepared: ()9-Apr-18 A	nalyzed: 1	0-Apr-18			
GRO C6-C10	ND	10.0	mg/kg							
DRO >C10-C28	ND	10.0	mg/kg							
EXT DRO >C28-C35	ND	10.0	mg/kg							
EXT DRO >C28-C36	ND	10.0	mg/kg							
Total TPH C6-C28	ND	10.0	mg/kg							
Surrogate: 1-Chlorooctane	46.0		mg/kg	50.0		92.0	41-142			
Surrogate: 1-Chlorooctadecane				50.0		85.1	37.6-147			
	42.6		mg/kg	50.0		03.1				
LCS (8040902-BS1)	42.6		mg/kg)9-Apr-18 A					
	211	10.0	mg/kg mg/kg		09-Apr-18 A					
LCS (8040902-BS1) GRO C6-C10 DRO >C10-C28		10.0 10.0		Prepared: ()9-Apr-18 A	analyzed: 1	0-Apr-18			
GRO C6-C10 DRO >C10-C28	211		mg/kg	Prepared: ()9-Apr-18 A	analyzed: 1	0-Apr-18 76.5-133			
GRO C6-C10	211 178	10.0	mg/kg mg/kg	Prepared: (200 200	09-Apr-18 A	analyzed: 1 106 89.1	0-Apr-18 76.5-133 72.9-138			

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RPD



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241

Analyte

Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

RPD

Limit

Notes

Petroleum Hydrocarbons by GC FID - Quality Control

Spike

Level

Source

Result

%REC

Cardinal Laboratories

Units

Reporting

Limit

Result

LCS Dup (8040902-BSD1)				Prepared: 09-Ap	r-18 Analyzed: 1	0-Apr-18		
	222	10.0		1 1			4.7.4	20.6
GRO C6-C10	222	10.0	mg/kg	200	111	76.5-133	4.74	20.6
DRO >C10-C28	203	10.0	mg/kg	200	102	72.9-138	13.2	20.6
Total TPH C6-C28	425	10.0	mg/kg	400	106	78-132	8.71	18
Surrogate: 1-Chlorooctane	47.1		mg/kg	50.0	94.2	41-142		
Surrogate: 1-Chlorooctadecane	49.8		mg/kg	50.0	99.7	37.6-147		

Cardinal Laboratories *=Accredited Analyte

PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any daim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whistoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether such claims is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587 HOBBS NM, 88241 Project: DORSTATE SWD

Project Number: NONE GIVEN Project Manager: BEN ARGUIJO

Fax To: NONE

Reported: 11-Apr-18 15:38

Soluble (DI Water Extraction) - Quality Control

Green Analytical Laboratories

		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch B804052 - General Prep - Wet Chem										
Blank (B804052-BLK1)				Prepared &	દ્રે Analyzed:	06-Apr-18				
Chloride	ND	10.0	mg/kg wet							
LCS (B804052-BS1)				Prepared &	ኔ Analyzed:	06-Apr-18				
Chloride	229	10.0	mg/kg wet	250		91.6	85-115		·	·
LCS Dup (B804052-BSD1)				Prepared &	ኔ Analyzed:	06-Apr-18				
Chloride	229	10.0	mg/kg wet	250		91.5	85-115	0.170	20	
Batch B804053 - General Prep - Wet Chem										
Blank (B804053-BLK1)				Prepared &	ል Analyzed:	06-Apr-18				
Chloride	ND	10.0	mg/kg wet							
LCS (B804053-BS1)				Prepared &	ኔ Analyzed:	06-Apr-18				
Chloride	227	10.0	mg/kg wet	250		90.9	85-115			
LCS Dup (B804053-BSD1)				Prepared &	ർ Analyzed:	06-Apr-18				
Chloride	228	10.0	mg/kg wet	250		91.4	85-115	0.597	20	

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PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising, whether based in contract or tort, shall be limited to the amount paid by client for analyses. All claims, including those for negligence ar any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within thirty (30) days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damage including, without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of or related to the performance of the services hereunder by Cardinal, regardless of whether su claim is based upon any of the above stated reasons or otherwise. Results relate only to the samples identified above. This report shall not be reproduced except in full with written approval of Cardinal Laboratories.



Notes and Definitions

QR-03 The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch

accepted based on LCS and/or LCSD recovery and/or RPD values.

ND Analyte NOT DETECTED at or above the reporting limit

RPD Relative Percent Difference

** Samples not received at proper temperature of 6°C or below.

*** Insufficient time to reach temperature.

- Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Page 1 of 4

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	Trinity Oilfield Services & Rentals,		FC						BIL	01 11						Z	Ę	ANALYSIS	- 1	REQUEST	핐	ű			
Project Manager:	Ben J. Arguijo			-	-		P.O.	#	- 11			T'	\neg					4	- 1	ļ		-	\dashv		
Address: P.O. Box 2587	1						င္ပ	Compan	ğ	Trinity												_			
City: Hobbs	State: NM	Zip:		88241			Attn:	7.																	
Phone #: (575)390-7208	0-7208 Fax #:						Ad	Address	Š																
Project #:	Project Owner:	er:	Ca	Cambrian			City:	: :))								_	_		
Project Name: Do	Dorstate SWD						State:	te:		Zip:		5M)	21B	300											
Project Location:	Eddy Co., NM						Pho	Phone #:	#			801	(80	de (
Sampler Name: Tristan Payne	stan Payne						Fax #	#				Ή (EX	lori											
FOR LAB USE ONLY				Z	MATRIX			Ř	PRESERV	SAMPLING	LING	TF	вт	Ch				_							
Lab I.D.	Sample I.D.)RAB OR (C)OMP.	CONTAINERS	ROUNDWATER ASTEWATER	DIL L	.UDGE	THER:	CID/BASE: E / COOL	E / COOL THER :													IR			
·]	SP-1 @ 1'	G			×				×	3/29/18		×	×	×			\dashv				\exists	\dashv		Ц	
2	SP-1 @,5'	G			×				×	3/29/18	1200	×	×	×				_				_			
2	SP-1 @ 9'	G			×				×	3/29/18	1450	×	×	×				_							
4	SP-2 @ 1'	G	<u></u>		×				×	3/29/18	1300	×	×	×				_					_		
Cr	SP-3 @ 1'	G	_		×				×	3/29/18	1340	×	×	×				_				-			
6	SP-4 @ 1'	G	_		×			ļ	×	4/2/18	1030	×	×	×				<u> </u>							
4	SP-4 @ 3'	G			×				×	4/2/18	1100	×	×	×			\vdash	_				-	_		
8	SP-4 @ 5'	G	_		×			ļ	×	4/2/18	1130	×	×	×			_	_				_			
Q	SP-4 @ 6'	ര	_		×				×	4/2/18	1200	×	×	×				L				\vdash			
10	SP-5 @ 1'	G			×				×	4/2/18	1300	×	×	×			\vdash	L				\vdash	_		
PLEASE NOTE: Liability and Damages, Cardinal's liability and Damages, Cardinal's liability and analyses. All claims including those for negligence and service. In no event shall Cardinal be liable for incidental affiliates or successors arising out of or related to the nor	PLEASE NOTE: Liability and Damages, Cardinal's liability and client's exclusive renedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatspoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, briness interruptions, loss of use, or loss of profits incurred by client, its substitiaries, affiliates or successors addition and of related to the performance of services hereinted by Cardinal whether such plain its based upon any of the above stated reasons or otherwise.	mody fi soever nages,	or any shall t includi	ty for any claim arising whether be ver shall be deemed waived unl es, including without limitation, ennoter by Cardinal repardless.	wheth waived limitation	unless un, bus	d in co s mad siness	intern	or tort.	sed in contract or tort, shall be limited to ess made in writing and received by susiness interruptions, loss of use, con of whether such claim is based unor the contract of the contract	to the amount paid by the client for the Cardinal within 30 days after comp I loss of profits incurred by client, in I want of the above stated reasons in I want of the latest the I want of I want of the I want of I want of	aid by the	no client for tys after of ed by clie	or the completic ant, its su	etion of the subsidiarie	applicass,	able								
Relinquished By:		Z)	ece	Received By:							Phone Result:	Result	7	, ,			P	Add'l Phone #:	#						
I will	Time: 4: 30,	2	0	Q.	2	E	2	8	3	1	REMARKS:	KS:		ies L	No		1111	Ä.#.							
Relinquished By:	~~~~		ece	Seceived By:																					
3	Time:							1			·	Pleas	Please e-mail results to ben@trinityoilfieldservices.com &	iil resi	ults to) ben	100	inity	oilfi	elds	arvic	ces.c	5 mo	Ko	
Delivered By:				Sam	Sample Condition	ond	ition		CHECKED	ECKED BY:				ppol	toda@trinityoilfieldservices.com	пгуо	Ше	dser	Vice	S.CO	В				
Sampler - UPS -	Bus - Other: 5.24 5.152	50	1,0	Pres Pres	es 1	Yes		2	A	H															
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101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

Company Name:	 Trinity Oilfield Services & Rentals, LLC 	s, LL	'n						**	BI	BILL TO					A	ANALYSIS	SIS	REQ	REQUEST	
Project Manager:	r: Ben J. Arguijo							P.O. #:). #	er.							_	-			
Address: P.O.	P.O. Box 2587							೦೦	mp	Compan	Trinity										
City: Hobbs	State: NM	Zip:	1	88241				Attn:	2.												
Phone #: (575)	(575)390-7208 Fax #:							Ad	dre	Address											
Project #:	Project Owner:	er:	Ca	Cambrian	В.			City:	Y:))						
Project Name:	Dorstate SWD							State:	te:		Zip:		5M)	21B	300						
Project Location:	n: Eddy Co., NM							Ph	one	Phone #:			801	(80	de (
Sampler Name: Tristan Payne	Tristan Payne							Fax #	*				H (EX	lori				-	_	
FOR LAB USE ONLY				11	MATRIX	R			칦	PRESERV	SAMPLING	NG	TF	вт	Ch						
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL OTHER :	DATE	TIME									
1	SP-5 @ 3'	ര	_		×					×	4/2/18	1315	×	×	×				Н		
12	SP-6 @ 1'	ര	_		×					×	4/2/18	1430	×	×	×		-				
13	SP-7 @ 1'	ഒ	_		×					×	4/2/18	1450	×	×	×						
14	SP-8 @ 1'	G	1		×					×	4/3/18	0900	×	×	×				_		
15	SP-9 @ 1'	ଜ	7		×					×	4/3/18	0910	×	X	×				_		
16	SP-10 @ 1'	G	_		×					×	4/3/18	0915	×	×	×						
17	SP-11 @ 1'	ດ	7		×					×	4/3/18	0920	×	X	×		ш				
B	SP-12 @ 1'	G			×					×	4/3/18	0930	×	×	×				_		
191	SP-12 @ 3'	ഒ			×					×	4/3/18	1010	×	×	×						
25)				_				ζ			×	<	<			_	_		

affiliates or successors arising out of or related to the ped Relinquished By: Relinquished By: Relinquished By:	(1:30) Regeived By: Regeived By:	And of the above stated treasons or otherwise. Phone Result: Yes No {Add'! Phone #: Fax Result: Yes No {Add'! Fax #: REMARKS:
Relinquished By:	1:30 Received By:	CWARRO.
27#	Time:	Please e-mail results to ben@trinityoilfieldservices.com &
Delivered By: (Circle One)	Sampl	todd@trinityoilfieldservices.com
Sampler - UPS - Bus - Other: 5.20/5.15%	12/5/50 President	

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Page 3 of 4

Project Manager: Ren'l Agujo State: NM Zip: 83241 Atm: Atm: Address: Address: Atm: Address: Addres	Company Name:	Trinity Oilfield Services & Rentals, LLC	s, L	5						BI	110					1	ANALYSIS	LYS		REQUEST	Œ	TS				_
State NATIRIX PRESERV SAMPLING	Project Manager							P	0	#:																
Hobbs	Address: P.O.I	3ox 2587						C	m	pan:	Trinity															
Propert (575/598)-7208 Fax #:		M	Zip	1	8241			\triangleright	Ef																	
Project Liseation: Eddy Co., NM								A	ddr	ess																
Project Location: Eddy Co., IMM	Project #:	Project Own	8.	ς,	mbria	נ		C	ity:))											
Project Location: Eddy Co., NM		Dorstate SWD			×			S	tate	15.	Zip:		5M)	21E	(300										Ut	
Sampler Name: Tristan Payne	Project Location							D	hor	1e #:			801	(80	de (
Color Colo	Sampler Name:	Tristan Payne						T	ax ;	#			PH (EX	lori											
Lab I.D. Sample I.D.	FOR LAB USE ONLY					MA	R.		곩	ESERV	SAMPL	NG	TF	вт	Ch											
Lab I.D. Sample I.D.			OMP.	3						•••••																
SP-13 @	Lab I.D.	Sample I.D.)RAB OR (C)	CONTAINER						E / COOL																
Section Sect	20	SP-13 @ 1'	G		-	×		-		×	4/3/18	1040	×	×	×					П	Н	\vdash	_	Ш		_
SP-15 @ 1' G 1 X X 4/3/18 1050 X X X X X X X X X	28	SP-14 @ 1'	G	_		×	-	╁		×	4/3/18	1045	×	×	×						-	\vdash	_			_
SP-16 @ 1'	25	SP-15 @ 1'	G	-	-	×	ļ	╁	t	×	4/3/18	1050	×	×	×				Γ	Г	H	\vdash	_			
SP-17 @ I'	HE	SP-16 @ 1'	G	1	-	×	ļ	╁	T	×	4/3/18	1055	×	×	×			Г		Г	H	-	_			_
SP-18 @ 1	S	SP-17 @ 1'	G	•	L	×	ļ	┿┈	t	×	4/3/18	1100	×	×	×						H	+	_			_
SP-19 @ 1'	26	SP-18 @ 1'	G	1	-	×	ļ	╁┈	t	×	4/3/18	1105	×	×	×					T	H	\vdash	_			_
SP-20 @ 1'	2	SP-19 @, 1'	G	_	-	×	-	-	十	×	4/3/18	1110	×	×	×					T	-	\vdash	_			
SP-21 (@ \$1	.28	SP-20 @ 1'	G		_	×		╁		×	4/3/18	1115	×	×	×							-	L			
SP-22 @ 11 PLEASE NOTE: Liability and Damags. Cardinal's liability and claims scales for may claim arising whether based in contract or not, shall be limited to the amount paid by the complete on of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without imitation, business interruptions, loss of uses of profits incurred by clein, its subsidiaries, affiliates or successors arising out of out-reliated to the certomance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons to the profits incurred by dient, its subsidiaries, and the above stated reasons to the profits incurred by dient, its subsidiaries, and the above stated reasons of the applicable to the certomate. Relinquished By: Time:	29	_	G		-	×	<u> </u>	┼	Ħ	×	4/3/18	1120	×	×	×						-	\vdash				
Appleses. All claims including those for really large whatsoever shall be deemed when service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business made in writing and received by Cardinal within 30 days after compelion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its subsidiaries, affiliates or successors arising out of cardialed to the performance of services hereunder by. Cardinal, regardless of whether such claim is based upon any of the above stated reasons or cherwise. Rellinquished By: Time: 1/30 Date: 1/30 Date: Received By: Phone Result: Pes INO Add'! Phone #: Fax Result: Pes INO Add'! Fax #: REMARKS: Please e-mail results to ben@trinityoilfieldservices.com & todd@trinityoilfieldservices.com & todd@trinityoilfieldservices.com	90	SP-22 @, 1'	G		_	×	-	·	H	×	4/3/18	1125	×	×	×			Γ	Γ	Г	H	-	L			_
Date: 4.4.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	PLEASE NOTE: Liability analyses. All claims incluservice. In no event shall affiliates or successors ari	and Damages. Cardinal's liability and client's exclusive remaining those for negligence and any other cause whatso Cardinal be liable for incidental or consequental damages in out of or refailed to the performance of services h	nedy for bever a ages,	or any shall included	claim arisi be deeme ding withou v Cardina	ng wh d waiv nt limit	other base red unle ation, b	sed in	contra ade in ss in	n writing an terruptions, such claim	hall be limited to to the control of	he amount pain ardinal within oss of profits	d by the 30 day incurre	client for s after co d by clien	the impletion it, its sub	of the a sidiaries	applicab	ō								
Time: 1/:30 UM HOMON REMARKS Date: Beceived By: ### Received By: Circle One) Sample Condition CHECKED BY: Cool Mact United Stress (Chicken Checked By: Cool Mact United Stress (Cool Mact No	Relinquished By	1	R	eee	ived B	- 4.						Phone Ro	esult:	97 C	s o		Add'	Phor	#: #:		-	-				
Date: Received By: ## 75 Time: Circle One Sample Condition CHECKED BY: Cool Mact United Stress (Press	B				M		H	6	7	8	7	REMARK	S		1				ĺ							-
: (Circle One) Sample Condition CHECKED BY: Cool_mact	Kelinquisnea By	ントギ	, CZ	ece	ived B	Υ.											8									
- Bus - Other: 5.20/5.150 Good Macks (hittals)		C)										P	lease	e-ma	l resu	Its to	ben@)trini	tyoil	fields	ervi	ces.c	om.	80		
- Bus - Other: 5.20/5.15% Pres Pres 17	Delivered By:	(Circle One)		5		울	Con	ditio	ă						10000	2 um	Lyon	Beids	CIVIC	es.co	Ĭ					_
		Bus - Other: 5.20	20	2		No Yes	灵	o S		A	7															

FORM-006

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Page 4 of 4

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Company Name:	Trinity Oilfield Services & Rentals, LLC	als, LLC	.,	989	811	170					7	NA	ANALYSIS		EQU	REQUEST	2	
Project Manager:	: Ben J. Arguijo	•		P	P.O. #:												_	
Address: P.O. E	P.O. Box 2587			၁	Compan	Trinity												
City: Hobbs	State: NM	Zip:	88241	Α	Attn:													
Phone #: (575)3	(575)390-7208 Fax # :			Α	Address													
Project#:	Project Owner:		Cambrian	င	City:))								
Project Name: [Dorstate SWD			ဟ	State:	Zip:		5M)	21B	300								
Project Location:	: Eddy Co., NM			ס	Phone #:			801	(80	de (
Sampler Name: Tristan Payne	Γristan Payne			ת	Fax #			Ή (EX	lori								
FOR LAB USE ONLY			MAT	MATRIX	PRESERV	SAMPLING	NG	TF	вт	Ch								
		MP.	R 															
Lab I.D.	Sample I.D.	(G)RAB OR (C)OI	GROUNDWATER WASTEWATER SOIL	OIL SLUDGE OTHER :	ACID/BASE: ICE / COOL OTHER :	DATE	TIME							2007				
21	SP-23 @ 1'	ე ი	×		×	4/3/18	1130	×	×	×								
E.	SP-24 @ 1'	ი ი	×		×	4/3/18	1135	×	×	×								
22	SP-25 @ 1'	ତ 1	×		×	4/3/18	1140	×	×	×					75			
15	SP-26 @ 1'	G 1	×		×	4/3/18	1150	×	×	×								
35	SP-27 @ 1'	ତ 1	×		×	4/3/18	1155	×	×	×								_
36	SP-28 @ 1'	ດ 1	×		×	4/3/18	1200	×	×	×								-
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PLEASE NOTE: Liability analyses. All claims includ service. In no event shall of the services or successors arises.	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinale the label for incidental or consequental damages, including without limitation, business interruptions, loss of profits incruded by cliented by client as the subsidiaries, affiliate or successors action out of or related to the performance of environments. For expression of the performance of environments of the province have a constant of the performance of environments of the performance of environments of the performance of environments.	emedy for an soever shal mages, inclu	y claim arising wh Il be deemed wai uding without limi	acther based in ved unless m tation, busine	d in contract or tort, shall be limited to s made in writing and received by (siness interruptions, loss of use, or whether such claim is based upon	all be limited to d received by C loss of use, or is based upon	the amount paid by the cli ardinal within 30 days a loss of profits incurred b	d by the o	client for the after comp by client, it	the mpletion t, its sub	etion of the a subsidiaries	applicabl	O					
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Relinquished By:	277	Rec	Received By:															
	7	••••					۲	lease	e-mai	l results t	Its to	ben(a	trinit	you!!	eldse	TVICES	Please e-mail results to ben@trinityoilfieldservices.com &	187

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Revision 1.0 FORM-006

Sampler - UPS - Bus - Other: 5.20

Delivered By: (Circle One)

Sample Condition
Cool Intact
Hes 14 es

CHECKED, BY: (Initials)

todd@trinityoilfieldservices.com



April 30, 2018

BEN ARGUIJO

TRINITY OILFIELD SERVICES & RENTALS, LLC

P. O. BOX 2587

HOBBS, NM 88241

RE: DORSTATE SWD

Enclosed are the results of analyses for samples received by the laboratory on 04/19/18 16:30.

Cardinal Laboratories is accredited through Texas NELAP under certificate number T104704398-17-10. Accreditation applies to drinking water, non-potable water and solid and chemical materials. All accredited analytes are denoted by an asterisk (*). For a complete list of accredited analytes and matrices visit the TCEQ website at www.tceq.texas.gov/field/ga/lab accred certif.html.

Cardinal Laboratories is accreditated through the State of Colorado Department of Public Health and Environment for:

Method EPA 552.2 Haloacetic Acids (HAA-5)
Method EPA 524.2 Total Trihalomethanes (TTHM)
Method EPA 524.4 Regulated VOCs (V1, V2, V3)

Celey D. Keine

Accreditation applies to public drinking water matrices.

This report meets NELAP requirements and is made up of a cover page, analytical results, and a copy of the original chain-of-custody. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Celey D. Keene

Lab Director/Quality Manager



TRINITY OILFIELD SERVICES & RENTALS, LLC **BEN ARGUIJO**

P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/09/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CO

Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1310	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 29 @ 8' ((H801094-02)								
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 30 @ 1'	(H801094-03)								
BTEX 8021B	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.00	100	2.00	0.705	
Toluene*	< 0.050	0.050	04/23/2018	ND	2 04	102	2.00	1 64	

Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.00	100	2.00	0.705	
Toluene*	<0.050	0.050	04/23/2018	ND	2.04	102	2.00	1.64	
Ethylbenzene*	<0.050	0.050	04/23/2018	ND	2.07	104	2.00	1.34	
Total Xylenes*	<0.150	0.150	04/23/2018	ND	6.08	101	6.00	0.503	
Total BTEX	<0.300	0.300	04/23/2018	ND					
-									

Surrogate: 4-Bromofluorobenzene (PID 112 0/ 72 118

Surrogate: 4-Bromojiuorovenzene (FID	113	70 /2-140							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1490	16.0	04/25/2018	ND	432	108	400	3.77	
TPH 8015M	mg	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier

*=Accredited Analyte Cardinal Laboratories

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/09/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 30 @ 1' (H801094-03)

TPH 8015M	mg/kg		Analyzed By: MS						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2018	ND	213	107	200	0.870	
DRO >C10-C28*	<10.0	10.0	04/23/2018	ND	209	104	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/23/2018	ND					
Surrogate: 1-Chlorooctane	82.7 %	6 41-142	?						
Surrogate: 1-Chlorooctadecane	74.7 %	6 37.6-14	7						

Sample ID: SP- 30 @ 6' (H801094-04)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	336	16.0	04/25/2018	ND	432	108	400	3.77	

Sample ID: SP- 31 @ 1' (H801094-05)

Jumpic 12:01 JT @ 1 (1)	00_05.00,								
Chloride, SM4500Cl-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	928	16.0	04/25/2018	ND	432	108	400	3.77	

Sample ID: SP- 31 @ 10' (H801094-06)

Chloride, SM4500CI-B	mg,	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	944	16.0	04/25/2018	ND	432	108	400	3.77	

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BEN ARGUIJO P. O. BOX 2587

HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/10/2018

Reported: 04/30/2018 Sampling Type: Soil
Project Name: DORSTATE SWD Sampling Condition: Cool & Intact

Project Number: NONE GIVEN Sample Received By: Jodi Henson
Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 32 @ 1' (H801094-07)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	912	16.0	04/25/2018	ND	432	108	400	3.77	

Sample ID: SP- 32 @ 10' (H801094-08)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	560	16.0	04/25/2018	ND	432	108	400	3.77	

Sample ID: SP- 33 @ 1' (H801094-09)

Chloride, SM4500Cl-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4240	16.0	04/25/2018	ND	432	108	400	3.77	

Sample ID: SP- 33 @ 10' (H801094-10)

Chloride, SM4500Cl-B	mg	/kg	Analyzed By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3800	16.0	04/25/2018	ND	432	108	400	3.77	

Sample ID: SP- 34 @ 1' (H801094-11)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7100	16.0	04/25/2018	ND	432	108	400	3.77	QM-07

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/10/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 34 @ 10' (H801094-12)

Chloride, SM4500CI-B	mg/	kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1540	16.0	04/25/2018	ND	432	108	400	3.77	

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BEN ARGUIJO P. O. BOX 2587

HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/10/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

PERMIAN WATER SOLUTIONS - EDDY CO Project Location:

Sample ID: SP- 35 @ 1' (H801094-13)

BTEX 8021B	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	04/23/2018	ND	2.09	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	04/23/2018	ND	2.07	103	2.00	4.39	
Total Xylenes*	<0.150	0.150	04/23/2018	ND	6.32	105	6.00	4.60	
Total BTEX	<0.300	0.300	04/23/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.6	% 72-148	}						
Chloride, SM4500CI-B	mg/	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	8200	16.0	04/25/2018	ND	432	108	400	3.77	
TPH 8015M	mg/	'kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2018	ND	213	107	200	0.870	
DRO >C10-C28*	97.7	10.0	04/23/2018	ND	209	104	200	2.13	
EXT DRO >C28-C36	38.0	10.0	04/23/2018	ND					
Surrogate: 1-Chlorooctane	85.7	% 41-142	?						
G , I CH , I	07.3	0/ 27/14	7						

Surrogate: 1-Chlorooctadecane 87.2 % 37.6-147

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/10/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 35 @ 10' (H801094-14)

Chloride, SM4500CI-B	mg/	кд	Analyze	а ву: АС					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4300	16.0	04/25/2018	ND	432	108	400	3.77	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO P. O. BOX 2587

HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/11/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CO

Sample ID: SP- 36 @ 1' (H801094-15)

BTEX 8021B	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.13	106	2.00	2.90	
Toluene*	0.062	0.050	04/23/2018	ND	2.09	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	04/23/2018	ND	2.07	103	2.00	4.39	
Total Xylenes*	1.12	0.150	04/23/2018	ND	6.32	105	6.00	4.60	
Total BTEX	1.18	0.300	04/23/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	139 9	% 72-148	3						
Chloride, SM4500CI-B	mg/	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	12000	16.0	04/25/2018	ND	432	108	400	3.77	
TPH 8015M	mg/	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	38.1	10.0	04/23/2018	ND	213	107	200	0.870	
DRO >C10-C28*	1190	10.0	04/23/2018	ND	209	104	200	2.13	
EXT DRO >C28-C36	216	10.0	04/23/2018	ND					
Surrogate: 1-Chlorooctane	88.3	% 41-142	?						
Surrogate: 1-Chlorooctadecane	104 9	% 37.6-14	7						

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO P. O. BOX 2587

HOBBS NM, 88241 Fax To: **NONE**

Received: 04/19/2018 Sampling Date: 04/11/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: **DORSTATE SWD** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

PERMIAN WATER SOLUTIONS - EDDY CO Project Location:

Sample ID: SP- 36 @ 10' (H801094-16)

BTEX 8021B	mg/kg Analyzed By: MS			d By: MS					I-02	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Benzene*	<0.050	0.050	04/27/2018	ND	2.00	100	2.00	1.95	QM-07	
Toluene*	<0.050	0.050	04/27/2018	ND	1.98	98.8	2.00	2.40		
Ethylbenzene*	<0.050	0.050	04/27/2018	ND	1.93	96.3	2.00	1.74		
Total Xylenes*	<0.150	0.150	04/27/2018	ND	5.91	98.6	6.00	1.54		
Total BTEX	<0.300	0.300	04/27/2018	ND						
Surrogate: 4-Bromofluorobenzene (PID	94.0 %	6 72-148								
Chloride, SM4500Cl-B	mg/	kg	Analyze	d By: AC						
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
Chloride	2320	16.0	04/25/2018	ND	432	108	400	3.77		
TPH 8015M	mg/	kg	Analyze	d By: MS					I-03	
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier	
GRO C6-C10*	<10.0	10.0	04/27/2018	ND	208	104	200	0.405		
DRO >C10-C28*	19.2	10.0	04/27/2018	ND	204	102	200	0.173		
EXT DRO >C28-C36	<10.0	10.0	04/27/2018	ND						
Surrogate: 1-Chlorooctane	88.7 %	6 41-142								

Surrogate: 1-Chlorooctadecane 76.1 % 37.6-147

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO P. O. BOX 2587

HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/11/2018
Reported: 04/30/2018 Sampling Type: Soil

Project Name:DORSTATE SWDSampling Condition:Cool & IntactProject Number:NONE GIVENSample Received By:Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 37 @ 1' (H801094-17)

Chloride, SM4500Cl-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5440	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 37 @ 10	' (H801094-18)							
Chloride, SM4500CI-B	mg,	'kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	4560	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 38 @ 1' ((H801094-19)								
-	(H801094-19) mg,		Analyze	d By: AC					
-	• •		Analyze Analyzed	d By: AC Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Sample ID: SP- 38 @ 1' (Chloride, SM4500Cl-B Analyte Chloride	mg,	/kg	•		BS 432	% Recovery	True Value QC 400	RPD 3.77	Qualifier
Chloride, SM4500CI-B Analyte Chloride	mg, Result 8800	Reporting Limit	Analyzed	Method Blank		•	•		Qualifier
Chloride, SM4500CI-B Analyte Chloride Sample ID: SP- 38 @ 10	mg, Result 8800	Reporting Limit 16.0	Analyzed 04/25/2018	Method Blank		•	•		Qualifier
Chloride, SM4500CI-B Analyte	mg, Result 8800	Reporting Limit 16.0	Analyzed 04/25/2018	Method Blank ND		•	•		Qualifier

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BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/11/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: **DORSTATE SWD** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Applyzod By: MC

Project Location: PERMIAN WATER SOLUTIONS - EDDY CO

Sample ID: SP- 39 @ 4' (H801094-21)

RTFY 8021R

BIEX 8021B	mg	/ kg	Analyze	а ву: мѕ					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	04/23/2018	ND	2.09	104	2.00	2.48	
Ethylbenzene*	< 0.050	0.050	04/23/2018	ND	2.07	103	2.00	4.39	
Total Xylenes*	< 0.150	0.150	04/23/2018	ND	6.32	105	6.00	4.60	
Total BTEX	<0.300	0.300	04/23/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 72-148	}						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	15600	16.0	04/25/2018	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2018	ND	213	107	200	0.870	
DRO >C10-C28*	<10.0	10.0	04/23/2018	ND	209	104	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/23/2018	ND					
Surrogate: 1-Chlorooctane	87.6	% 41-142	?						
Surrogate: 1-Chlorooctadecane	829	% 37.6-14	7						

Surrogate: 1-Chlorooctadecane 82.9 % 37.6-147

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/11/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 39 @ 10' (H801094-22)

Chloride, SM4500CI-B	mg	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7000	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 40 @ 1' ((H801094-23))							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 40 @ 10'	' (H801094-24	1)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	960	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 41 @ 1' ((H801094-25))							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1600	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 41 @ 5' ((H801094-26))							
Chloride, SM4500Cl-B		/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	368	16.0	04/25/2018	ND	432	108	400	3.77	

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO P. O. BOX 2587

HOBBS NM, 88241

Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/12/2018

Reported: 04/30/2018 Sampling Type: Soil
Project Name: DORSTATE SWD Sampling Condition: Cool

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 42 @ 1' (H801094-27)

BTEX 8021B	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	04/23/2018	ND	2.09	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	04/23/2018	ND	2.07	103	2.00	4.39	
Total Xylenes*	<0.150	0.150	04/23/2018	ND	6.32	105	6.00	4.60	
Total BTEX	<0.300	0.300	04/23/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	95.9	% 72-148							
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2600	16.0	04/25/2018	ND	432	108	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2018	ND	213	107	200	0.870	
DRO >C10-C28*	<10.0	10.0	04/23/2018	ND	209	104	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/23/2018	ND					
Surrogate: 1-Chlorooctane	86.9	% 41-142	1						
Surrogate: 1-Chlorooctadecane	81.7	% 37.6-14	7						

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BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/12/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 42 @ 6' (H801094-28)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	384	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 43 @ 1' (I	H801094-29))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2520	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 43 @ 10' Chloride, SM4500Cl-B	•)) /kg	Analyze	d By: AC					
<u> </u>				-	DC.	0/ 5	T 1/1 00	222	0 1:0
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3120	16.0	04/25/2018	ND	432	108	400	3.77	
Sample ID: SP- 44 @ 1' (I	H801094-31))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2280	16.0	04/25/2018	ND	416	104	400	3.77	QM-07
Sample ID: SP- 44 @ 7' (I	H801094-32))							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	304	16.0	04/25/2018	ND	416	104	400	3.77	

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BEN ARGUIJO P. O. BOX 2587

HOBBS NM, 88241

Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/12/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 45 @ 1' (H801094-33)

Chloride, SM4500Cl-B	mg	mg/kg		Analyzed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	864	16.0	04/25/2018	ND	416	104	400	3.77	
Sample ID: SP- 45 @ 3'	(H801094-34))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	224	16.0	04/25/2018	ND	416	104	400	3.77	
Sample ID: SP- 46 @ 1'	(H801094-35))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	160	16.0	04/25/2018	ND	416	104	400	3.77	
Sample ID: SP- 47 @ 1'	(H801094-36))							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2160	16.0	04/25/2018	ND	416	104	400	3.77	
Sample ID: SP- 47 @ 10	' (H801094-37	7)							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1090	16.0	04/25/2018	ND	416	104	400	3.77	

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BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/13/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: **DORSTATE SWD** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Applyzod By: MC

Project Location: PERMIAN WATER SOLUTIONS - EDDY CO

Sample ID: SP- 48 @ 1' (H801094-38)

RTFY 8021R

BIEX 8021B	mg	/ Kg	Analyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	04/23/2018	ND	2.09	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	04/23/2018	ND	2.07	103	2.00	4.39	
Total Xylenes*	<0.150	0.150	04/23/2018	ND	6.32	105	6.00	4.60	
Total BTEX	<0.300	0.300	04/23/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	98.2	% 72-148	}						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	6320	16.0	04/25/2018	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2018	ND	213	107	200	0.870	
DRO >C10-C28*	<10.0	10.0	04/23/2018	ND	209	104	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/23/2018	ND					
Surrogate: 1-Chlorooctane	84.5	% 41-142	?						
Surrogate: 1-Chlorooctadecane	80.6	% 37.6-14	7						

Surrogate: 1-Chlorooctadecane 80.6 % 37.6-147

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BEN ARGUIJO

P. O. BOX 2587 HOBBS NM, 88241

Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/13/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact
Project Number: NONE GIVEN Sample Received By: Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CC

Sample ID: SP- 48 @ 10' (H801094-39)

Chloride, SM4500CI-B mg/kg Analyzed By: AC

Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier

Chloride 5200 16.0 04/25/2018 ND 416 104 400 3.77

Sample ID: SP- 49 @ 1' (H801094-40)

Chloride, SM4500Cl-B Analyzed By: AC Reporting Limit Analyzed BS True Value QC RPD Qualifier Analyte Result Method Blank % Recovery Chloride 8000 16.0 04/25/2018 416 400 3.77 ND 104

Sample ID: SP- 49 @ 10' (H801094-41)

Chloride, SM4500Cl-B Analyzed By: AC Analyte Result Reporting Limit Analyzed Method Blank BS % Recovery True Value QC RPD Qualifier Chloride 1200 04/25/2018 ND 400 16.0 416 104 3.77

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BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/13/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: **DORSTATE SWD** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Applyzod By: MC

Project Location: PERMIAN WATER SOLUTIONS - EDDY CO

Sample ID: SP- 50 @ 1' (H801094-42)

RTFY 8021R

B1EX 8021B	mg,	/ Kg	Analyze	a By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	04/23/2018	ND	2.09	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	04/23/2018	ND	2.07	103	2.00	4.39	
Total Xylenes*	<0.150	0.150	04/23/2018	ND	6.32	105	6.00	4.60	
Total BTEX	<0.300	0.300	04/23/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	97.9	% 72-148	7						
Chloride, SM4500CI-B	mg,	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	7360	16.0	04/25/2018	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	d By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2018	ND	213	107	200	0.870	
DRO >C10-C28*	67.8	10.0	04/23/2018	ND	209	104	200	2.13	
EXT DRO >C28-C36	58.0	10.0	04/23/2018	ND					
Surrogate: 1-Chlorooctane	67.6	% 41-142	•						
Surrogate: 1-Chloroctadecane	64.5	% 37.6-14	7						

Surrogate: 1-Chlorooctadecane 64.5 % 37.6-147

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TRINITY OILFIELD SERVICES & RENTALS, LLC

BEN ARGUIJO

P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018

Sampling Date:

04/13/2018

Reported: Project Name: 04/30/2018

Sampling Type:

Soil

Project Number

DORSTATE SWD

Sampling Condition: Sample Received By: Cool & Intact Jodi Henson

Project Number: Project Location:

NONE GIVEN

PERMIAN WATER SOLUTIONS - EDDY CO

Sample ID: SP- 50 @ 10' (H801094-43)

Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	3160	16.0	04/25/2018	ND	416	104	400	3.77	
Sample ID: SP- 51 @ 1' ((H801094-44)	l							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2000	16.0	04/25/2018	ND	416	104	400	3.77	
Sample ID: SP- 51 @ 10'	(H801094-45	5)							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	1020	16.0	04/25/2018	ND	416	104	400	3.77	
Sample ID: SP- 52 @ 1' ((H801094-46)	1							
Chloride, SM4500CI-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	2640	16.0	04/25/2018	ND	416	104	400	3.77	
Sample ID: SP- 52 @ 10'	(H801094-47	")							
Chloride, SM4500Cl-B	mg	/kg	Analyze	d By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	528	16.0	04/25/2018	ND	416	104	400	3.77	

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BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

Received: 04/19/2018 Sampling Date: 04/13/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: **DORSTATE SWD** Sampling Condition: Cool & Intact Sample Received By: Project Number: NONE GIVEN Jodi Henson

Applyzod By: MC

Project Location: PERMIAN WATER SOLUTIONS - EDDY CO

Sample ID: SP- 53 @ 1' (H801094-48)

RTFY 8021R

BIEX 8021B	mg/	/ Kg	Anaiyze	а ву: м5					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Benzene*	<0.050	0.050	04/23/2018	ND	2.13	106	2.00	2.90	
Toluene*	<0.050	0.050	04/23/2018	ND	2.09	104	2.00	2.48	
Ethylbenzene*	<0.050	0.050	04/23/2018	ND	2.07	103	2.00	4.39	
Total Xylenes*	<0.150	0.150	04/23/2018	ND	6.32	105	6.00	4.60	
Total BTEX	<0.300	0.300	04/23/2018	ND					
Surrogate: 4-Bromofluorobenzene (PID	96.0	% 72-148	3						
Chloride, SM4500CI-B	mg,	/kg	Analyze	ed By: AC					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	5280	16.0	04/25/2018	ND	416	104	400	3.77	
TPH 8015M	mg,	/kg	Analyze	ed By: MS					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
GRO C6-C10*	<10.0	10.0	04/23/2018	ND	213	107	200	0.870	
DRO >C10-C28*	13.8	10.0	04/23/2018	ND	209	104	200	2.13	
EXT DRO >C28-C36	<10.0	10.0	04/23/2018	ND					
Surrogate: 1-Chlorooctane	84.3	% 41-142	?						
Surrogate: 1-Chlorooctadecane	83.4	% 37.6-14	17						

Surrogate: 1-Chlorooctadecane 83.4 % 37.6-147

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04/13/2018



Analytical Results For:

TRINITY OILFIELD SERVICES & RENTALS, LLC

Sampling Date:

BEN ARGUIJO P. O. BOX 2587 HOBBS NM, 88241 Fax To: NONE

04/19/2018

Reported: 04/30/2018 Sampling Type: Soil

Project Name: DORSTATE SWD Sampling Condition: Cool & Intact Project Number: Sample Received By: NONE GIVEN Jodi Henson

Project Location: PERMIAN WATER SOLUTIONS - EDDY CO

Sample ID: SP- 53 @ 10' (H801094-49)

Received:

Chioride, SM4500CI-B	mg/	кд	Anaiyze	а ву: АС					
Analyte	Result	Reporting Limit	Analyzed	Method Blank	BS	% Recovery	True Value QC	RPD	Qualifier
Chloride	784	16.0	04/25/2018	ND	416	104	400	3.77	

Cardinal Laboratories *=Accredited Analyte

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Notes and Definitions

S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
I-03	This result was extracted outside of the EPA recommended holding time of 14 days.
I-02	This result was analyzed outside of the EPA recommended holding time.
ND	Analyte NOT DETECTED at or above the reporting limit
RPD	Relative Percent Difference
**	Samples not received at proper temperature of 6°C or below.
***	Insufficient time to reach temperature.
-	Chloride by SM4500Cl-B does not require samples be received at or below 6°C

Samples reported on an as received basis (wet) unless otherwise noted on report

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Sampler - UPS - Bus - Other:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2476

Page 1 of 5

(5	575) 393-2326 FAX (575) 393-2476	93-2476				l		
Company Name:	Trinity Oilfield Services & Rentals,	als, LLC	BILL TO	70		1		ANALYSIS REQUEST
	Ben J. Arguijo		P.O. #:					
Address: P.O. Box 2587	x 2587		Compan' Tri	Trinity				
City: Hobbs	State: NM	√ Zip: 88241	Attn:		_		O	
Phone #: (575)390-7208	0-7208 Fax #:		Address				50	
Project #:	Project Owner:	ner: Permian Water Solutions	City:				7) 4	
Project Name: Dor	Dorstate SWD		State: Zip:	p:	5M			
Project Location:	Eddy, NM		#:		801	(80		
Sampler Name: Tristan Payne	stan Payne		Fax #		PH (
FOR LARTISE ONLY		MATRIX	PRESERV	SAMPLING	TF			
FOR LAB USE ONLY		RS ATER ER						
Lab I.D.	Sample I.D.	(G)RAB OR (# CONTAINE GROUNDWA WASTEWAT SOIL	SLUDGE OTHER: ACID/BASE: ICE / COOL OTHER:	DATE T	TIME		R	
-	SP-29 @ 1'	G 1 X	X X	4/9/18 09	0930		×	
2	SP-29 @ 8'				1105		×	
3	SP-30 @ 1'			4/9/18 11	1120 X	×	×	
4	SP-30 @ 6'	G 1 X	× ×	4/9/18 1	1145		×	
ઝ	SP-31 @ 1'	G 1 X	×	4/9/18 13	1300	-	×	
اما	SP-31 @ 10'			4/10/18 10	1030	\vdash	×	
7	SP-32 @ 1'	G 1 X	X 4	4/10/18 1:	1115	\vdash	×	
A	SP-32 @ 10'	G G X	×	4/10/18 1:	1155		×	
β	SP-33 @ 1'	G G X	×	4/10/18 1:	1300	-	×	
Б	SP-33 @ 10'	G		4/10/18 1:	1350	H	×	
PLEASE NOTE: Liability and analyses. All claims including service. In no event shall Can	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequential damages, including without limitation, business interruptions, loss of use, or loss of the above stated passons or otherwise.	remedy for any claim arising whether b atsoever shall be deemed waived un lamages, including without limitation,	ased in contract or tort, shall lless made in writing and re business interruptions, los	be limited to the an eceived by Cardin is of use, or loss of	nount paid by al within 30 of profits incu	the client days afte irred by	t for the er completion client, its sub-	n of the applicable bsdidaries,
affiliates or successors arising out of or re Relinguished Bv:	o out of or related to the performance of service	es hereunder by Cardinal, regardless	ess of whether such claim is based up	Pho Pho	Phone Result: Yes	ilt:	Yes 🗆	□ No Add'I Phone #:
	-	. D	denson	(Fax Result: REMARKS:		Yes 🗆	No {Add'l Fax #:
Relinquished By:	Date:	Received By:						
	Time:				Plea	se e-I	Please e-mail resu	sults to ben@trinityoilfieldservices.com &

Delivered By: (Circle One) 井1ち todd@trinityoilfieldservices.com

† Cardinal cannot accept verbal changes. Please fax written changes to 575-393-2476

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 2 of 5

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240
(575) 393-2326 FAX (575) 393-2476

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Company Name:	Trinity Oilfield Services & Rentals, LLC	ls, LI	5									BI	BILL TO			1	1	$\Big _{\geq}$	ě	ANALYSIS		E	REQUEST	S	1	1
Project Manager:	: Ben J. Arguijo								P.	P.O. #:	#															
Address: P.O. Box 2587	Box 2587								C	Compan'	par	-	Trinity													
City: Hobbs	State: NM	Zip:		88241	-				A	Attn:									_							
e#:	(575)390-7208 Fax #:								A	Address	ess	0,				×7.										
Project #:	Project Owner:	er:	Pen	Permian Water Solutions	Wat	er Sc	lutic	sno	C	City:)	3)	0)									
Project Name: [Dorstate SWD								S	State:	**		Zip:		5M	21E	(30									
Project Location:	n: Eddy, NM								D	Phone #:	le #	77			(80	(80	ide									2
Sampler Name: Tristan Payne	Tristan Payne								F	Fax #	**				РН	ГЕХ	lor						_			
FOR LAB USE ONLY		\neg				MATRIX	균	×		공	ES	PRESERV	SAMPLING	LING	TI	В	Ch						_			
Lab I.D.	Sample I.D.	(G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL	SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:	DATE	TIME								7 - 3° - 1				7-3-
=	SP-34 @ 1'	G	_			×	*****				×	<u> </u>	4/10/18	1400		6.69	×						\vdash			
12	SP-34 @ 10'	G	_			×		-	-		×		4/10/18	1445			×						+	_	-	T
13	SP-35 @ 1'	G	_		-	×	-	-	1		×	-	4/10/18	1450	×	×	×						-	1		
14	SP-35 @ 10'	G	1		-	×		-			×	-	4/10/18	1535			×						+	_	-	1
21	SP-36 @ 1'	G	7			×					×		4/11/18	1015	×	×	×					Г	+	_	*	T
16	SP-36 @ 10'	G				×		-			×	-	4/11/18	1100	×	X	×		odd	ud	8	-	*	Se .	7	T
7	SP-37 @ 1'	G				×					×	-	4/11/18	1105			×		L			-	+		-	T
2	SP-37 @ 10'	G			-	×	-	1	-		×	1	4/11/18	1150			×						+		+	+
19	SP-38 @ 1'	G	G		1	×	-	-	+		×	1	4/11/18	1350			×					T	+		-	+
α	SP-38 @ 10'	G	G	-	****	×	*****			-	×		4/11/18	1435	Г	T	×	E	L	L		Г	H		-	r

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filiates or successors arising out of or related to the performance	mance of services hereunder by Cardinal, regardless of whether such claim is based upon any of the above stated reasons or otherwise. Phone Result: Yes No.	any of the above stated reasons or otherwise. Phone Result: ☐ Yes ☐ No {Add'I Phone #:
kelinquisned by:	Fax	☐ Yes ☐ No
The face	TIME: 30 MON JAMWEYL REMARKS:	
Relinquished By:	Date: Received By:	
	Time:	Please e-mail results to ben@trinityoilfieldservices.com &
Politicand By: (Circle One)	Sample Condition CHECKED BY	todd@trinityoilfieldservices.com
Delivered by: Concie One # 10	Cook Intact	100/00/17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Sampler - Or O Bus Suisi.		The same of the same of the same

Sampler - UPS -

Bus - Other:

Delivered By: (Circle One)

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CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 3 of 5

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

City: Project Manager: Ben J. Arguijo Company Name: Project Name: Dorstate SWD Project #: Phone #: Address: P.O. Box 2587 Sampler Name: Tristan Payne Project Location: 4010A FOR LAB USE ONLY Lab I.D. Hobbs (575)390-7208 25 Eddy, NM Trinity Oilfield Services & Rentals, LLC Sample I.D. SP-39 @ 10' SP-43 @ 10' SP-41 @ 5' SP-40 @ 10' SP-40 @ 1' SP-39 @ 4' SP-41 @ 1' SP-43 @ 1' SP-42 @ 6' SP-42 @1' Fax #: Project Owner: State: Z Zip: G)RAB OR (C)OMP. G G G G G G G G Permian Water Solutions CONTAINERS G G G 88241 GROUNDWATER WASTEWATER MATRIX SOIL × × OIL SLUDGE P.O. #: State: City Attn: OTHER Fax # Phone #: Address Compan ACID/BASE: PRESER\ ICE / COOL BILL TO OTHER Trinity Zip 4/11/18 4/12/18 4/12/18 4/12/18 4/11/18 4/11/18 4/11/18 4/12/18 4/12/18 4/12/18 DATE SAMPLING 1440 1050 1030 1345 1220 1135 1125 1100 1525 1300 TIME TPH (8015M) BTEX (8021B) Chloride (300) × ANALYSIS REQUEST

analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days after completion of the applicable service. In no event shall Cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutional affiliation or processors excited and of consequental damages, including without limitation, business interruptions, loss of use, or loss of profits incurred by client, its substitutional affiliation of the processors excited and of consequental damages. Relinquished By: Relinquished By: Date: Time: 8 6 4 Received By: eived any of the above stated reasons or otherwise.

Phone Result: □ Yes □ No | Add'l Phone #:

Fax Result: □ Yes □ No | Add'l Fax #:

REMARKS: Please e-mail results to ben@trinityoilfieldservices.com &

Sample Condition
Cool Intact
Pres Pres CHECKED BY: todd@trinityoilfieldservices.com

Cardinal cannot accept verbal changes! Please fax written changes to 575-393-2476

Sampler - UPS - Bus - Other:

176

1.05%

Sample Condition
Cool Intact
Diffes 14 Yes
No No

Delivered By: (Circle One) 15

Time: Date: Time: Date:

Please e-mail results to ben@trinityoilfieldservices.com & todd@trinityoilfieldservices.com

Received By:

Relinquished By:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

ARDINAL LABORATORIES
101 East Marland, Hobbs, NM 88240

Page 4 of 5

	(575) 393-2326 FAX (575) 393-2476	93-2476					
Company Name:	Trinity Oilfield Services & Rentals,	als, LLC	BILL	70	ľ		ANALYSIS REQUEST
Project Manager:	Ben J. Arguijo		P.O. #:				
Address: P.O. Box 2587	ox 2587		Compan' Tri	Trinity			
City: Hobbs	State: NM	∧ Zip : 88241	Attn:				
Phone #: (575)3	(575)390-7208 Fax #:		Address				
Project #:	Project Owner:	ner: Permian Water Solutions	ns City:				
ame:	Dorstate SWD			Zip:	5M 21E	(300	
Project Location:	Eddy, NM		Phone #:				
Sampler Name: Tristan Payne	ristan Pavne		Fax #				
		MATRIX		SAMPLING			
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP. CONTAINERS GROUNDWATER WASTEWATER SOIL	SLUDGE DTHER : ACID/BASE: CE / COOL DTHER :	DATE TIME			
2	SP-44 @ 1'	G 1 X	X 4	4/12/18 1300		×	
32	SP-44 @ 7'	G 1 ×	X	4/12/18 1330		×	
22	SP-45 @ 1'	G 1 ×		4/12/18 1335		×	
ħ	SP-45 @ 3'	G 1 X	X	4/12/18 1345		×	
35	SP-46 @ 1'	G 1 X	×	4/12/18 1440		×	
2/6	SP-47 @ 1'	G 1 X		4/13/18 1000		×	
727	SP-47 @ 10'	G 1 X		4/13/18 1045		×	
H	SP-48 @ 1'	G G X	×	4/13/18 1050	×	×	
29	SP-48 @ 10'	G G X		4/13/18 1135		×	
40	SP-49 @ 1'	G	X	4/13/18 1140		×	
PLEASE NOTE: Liability a	PLEASE NOTE: Liability and Damages. Cardinal's liability and client's exclusive remedy for any claim arising whether based in contract or tort, shall be limited to the amount paid by the client for the	e remedy for any claim arising whether	r based in contract or tort, shall	be limited to the amount	paid by the clie	nt for the	the applicable
analyses. All claims includ service. In no event shall (analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days arise consistency analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days arise consistency in analyses. All claims including those for negligence and any other cause whatsoever shall be deemed waived unless made in writing and received by Cardinal within 30 days arise consistency in any other cause what shall cardinal be liable for incidental or consequental damages, including without limitation, business interruptions, loss of use, or fortification and the cause was a shall be cardinal within 30 days arise cause which is an analysis of the cause which is a shall be cardinal within 30 days are caused with the cause which is a shall be cardinal within 30 days are caused within 30 days are	atsoever shall be deemed waived lamages, including without limitation	unless made in writing and ron, business interruptions, lo	ss of use, or loss of pro	fits incurred by	client, its subsidia	aries,
affiliates or successors arising	filiates or successors arising out of or related to the performance of services here Solinguished Ry:	es hereunder by Cardinal, regard Received By:	Inder by Cardinal regardless of whether such claim is Received By:	Phone Result: Yes	Phone Result:	Yes No	Add'l Phone #:
1	Time:	1/0/	Server.	REMARKS:	RKS:		3
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Sampler - UPS - Bus - Other:

CHAIN-OF-CUSTODY AND ANALYSIS REQUEST

Page 5 of 5

ARDINAL LABORATORIES 101 East Marland, Hobbs, NM 88240 (575) 393-2326 FAX (575) 393-2476

CILIDALIA LIGHTIC.	Cities of Cities and Cities of Citie																			ľ									
Project Manager:	Ben J. Arguijo									P.O. #:	#	"												_					
Address: P.O. Box 2587	x 2587									Compan	등	an		Ħ	Trinity								_						
City: Hobbs	State: NM	Zip:		88241	4			1	-	Attn:	13		1		1	1	1	1											
Phone #: (575)390-7208	0-7208 Fax #:									Address	dre	SS			1	1												-	
Project #:	Project Owner:	ner:		Permian Water Solutions	ı Wa	ter S	olut	ions	_	City:		1			1	1	1)	3)	0)	_					_	
ame:	Dorstate SWD								-	State:	te			Zip	P					15M)21E	(30	_	_					
Project Location:	Eddy, NM									Phone #:	19	# #			1					(80	(80	ide		_					
Sampler Name: Tristan Payne	stan Payne				1				_	Fax #	#			1						РН	TE)	hlo							
EOR I ARTISE ONI V		-				MA	MATRIX	Ñ		-	Ř	SE	PRESERV		SA	M	SAMPLING	ធ		Т	В	C	_		1	_		_	
Lab I.D.	Sample I.D.	G)RAB OR (C)OMP.	# CONTAINERS	GROUNDWATER	WASTEWATER	SOIL	OIL		SLUDGE	OTHER:	ACID/BASE:	ICE / COOL	OTHER:		D	DATE		Ⅎ	TIME										2.4
14	SP-49 @ 10'	G (-			*****	****					×		4	4/13/18	31/8	-	12	1225				<u> </u>			-		+	_
47	SP-50 @ 1'	G	۲,	_		×						×		4	4/13/18	3/18	-	1230	30	×	×	\vdash	×	1	T	1	1	+	+
12h	SP-50 @ 10'	G	C)	_		×	<u> </u>					×	-	4	4/13/18	3/18	-	1315	15		\vdash		×	-	T	-		+	+
E	SP-51 @ 1'	0	G .	_		×						×	1	4	4/13/18	378	-	1320	20	T			×	_	T	1	1	+	+
2	SP-51 @ 10'	0	G .	_		~	×					×	·	4	4/13/18	3/18	-	14	1405	1	\vdash		×	1	T	1		+	+
5	SP-52 @ 1'	0	G			×	×					×	-	4	4/13/18	3/18	- C	14	1410				×	1		-		+	+
47	SP-52 @ 10'	0	G			_	×					×	-	4	4/13/18	3/18	ω.	14	1455	-	\vdash		×	L	T	_	1	+	+
4	SP-53 @ 1'		G	G	-		×					×	+	1	4/13/18	3/18	100	5	1500	×	×	+	×	_	\top			+	+
-	CD 53 @ 10'	_	G	G		-	×					×	+	1	4/13/18	3/18	- 0	13	1545		+	+	×	1	_	_		+	+

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Sample Condition
Cool Intact
Pres Dres CHECKED BY:

Please e-mail results to ben@trinityoilfieldservices.com & todd@trinityoilfieldservices.com

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