

October 18, 2024

New Mexico Oil Conservation Division 1220 South St. Francis Drive Santa Fe, New Mexico 87505

RE: Equipment Fire Closure Report Chevron MCBU Cicada Unit #051H Eddy County, New Mexico nAPP2412237579

Oil Conservation Division:

Tetra Tech, Inc. (Tetra Tech) was contracted by Chevron U.S.A., Inc. (Chevron) to prepare a closure report for release that occurred at the Cicada Unit #051H, Unit M, Section 3, Township 26 South, Range 27 East, Eddy County, New Mexico (Site). The Site coordinates are 32.064536°, -104.183028° and the Site location is shown on **Figures 1**.

#### **Background**

According to the State of New Mexico Notification of Release Report, the release at the Site occurred subsequent to an engine fire on a pump truck which was caused by a piston rod failure. Fluids contained within the equipment ignited and burned at the time of the release and no visible liquids remained on the soil at the Site after the fire was extinguished. The equipment fire occurred on April 30, 2024, and was reported to the New Mexico Oil Conservation Division (NMOCD) on May 1, 2024. Photographic documentation of the fire impacted area is included in **Appendix A** and the impacted area is shown on **Figure 2**.

A Closure Report dated May 30, 2024, was prepared by Tetra Tech on behalf of Chevron and submitted to the NMOCD for approval. The Closure Report presented the site characterization and documented the remedial actions performed at the Site. The Closure Report was rejected by the NMOCD on July 26, 2024, with the following comments: "The closure report is denied. Please provide confirmation sampling for the impacted area with two business day notification per 19.15.29.12.D.(1).(a)". Per phone conversation between Chevron and NMOCD representatives, NMOCD suggested collecting 3 to 5 confirmation samples from the remediated areas to be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), total petroleum hydrocarbons (TPH), and chlorides.

On August 23rd, 2024, three surface composite confirmation samples (SS-1 through SS-3) were collected from the previously scraped release footprint area. Confirmation samples SS-1 and SS-2 indicated a DRO concentration of 582 mg/kg and chloride concentration of 1,000 mg/kg, respectively. Confirmation SS-3 indicated concentrations of BTEX, TPH, and chloride below acceptable limits for all constituents. Laboratory analytical results are included in **Appendix B**. Confirmation sample locations are presented on **Figure 3**.



#### Site Characterization

#### Significant Water Features

According to the (National Flood Hazard Layer) NFHL Flood Data Application and the (United States Geological Survey) USGS National Water Information System Mapper, there were no watercourses, lakebeds, sinkholes, playa lakes, springs, wetlands, subsurfaces mines, private domestic water wells, or floodplains located within the specified distances of the site. However, the site is located in a medium karst area. The NFHL Map and USGS Mapper are provided in **Appendix C**.

#### Significant Boundaries

According to Google Earth US Government City Boundaries and US School Districts, the lateral extents of the release were not within incorporated municipal boundaries, a defined municipal fresh water well field, or a school district. Additionally, there were no occupied permanent residences, schools, hospitals, institutions, or churches located within the specified distances of the lateral extents of the release.

#### Groundwater Review

Groundwater research was completed for the site through the USGS National Water Information System and New Mexico Office of the State Engineer (NMOSE) Water Rights Reporting System. Results of groundwater research conducted through these two resources, show the four closest water wells within a 1-mile radius of the Site. The well reported on the USGS National Water Information System is listed as having a measured water level of 9.13 ft bgs and is approximately 0.64 miles northeast of the Site. Point of Diversion C 04573 POD 1 reported on the NMOSE Water Rights System is listed as having a measured water level of 35 ft bgs and is approximately 0.92 miles from the Site. Point of Diversion C 04573 POD 2 reported on the NMOSE Water Rights System is listed as having a measured water level of 35 ft bgs and is approximately 0.92 miles from the Site. Point of Diversion C 04573 POD 3 reported on the NMOSE Water Rights System is listed as having a measured water level of 36 ft bgs and is approximately 0.93 miles from the Site The groundwater information is shown in **Appendix C**.

Distance from Site	Date of Data	Well ID	Resource of Information	Depth of Well	Depth to Water
0.64 Miles	10/8/1987	320409104102001	USGS	N/A	9.13 ft
0.92 Miles	10/21/2021	C 04573 POD 1	NMOSE	104 ft	35 ft
0.92 Miles	10/20/2021	C 04573 POD 2	USGS	104 ft	35 ft
0.93 Miles	10/21/2021	C 04573 POD 3	NMOSE	100 ft	36 ft

#### Regulatory

NMOCD Guidelines for Remediation of Leaks, Spills, and Releases, updated August 14, 2018, will be followed for the Site. The guidelines require a risk-based evaluation of the Site to determine recommended remedial action levels (RRAL) for benzene, toluene, ethylbenzene,



and xylene (BTEX), total petroleum hydrocarbons (TPH), and chloride concentrations in the soil at the Site. The proposed RRALs for the Site were determined to be 10 milligrams per kilogram (mg/kg) for benzene, 50 mg/kg for total BTEX, 100 mg/kg for TPH and 600 mg/kg for Chloride in the soil.

#### **Remediation Activities**

Remediation activities were conducted by Tetra Tech and the remediation subcontractor McNabb Partners (McNabb) from October 7, 2024, through October 14, 2024. A 6-inch surface scrape was conducted in the areas surrounding the initial confirmation samples (SS-1 and SS-2) to remove any impacted soil remaining at the Site. Approximately 490 cubic yards of impacted material was transported to R360 Environmental Solutions Red Bluff Facility in Orla, Texas. Waste manifests are included in **Appendix D**. The remediated area is presented on **Figure 3**.

Following remediation activities, Tetra Tech conducted confirmation re-sampling by collecting 5-point composite samples (SS-1 and SS-2) as directed by the NMOCD within the remediated area. The confirmation soil samples were submitted to the Eurofins Laboratory in Midland, Texas to be analyzed for TPH by method 8015 modified, BTEX by method 8021B, and Chloride by EPA Method 300.0. The analytical results are summarized in **Table 1** and the analytical laboratory reports are included in **Appendix B**. The confirmation sample notifications were sent to the NMOCD via email, on October 8, 2023, and a copy of the notices is provided in **Appendix E**.

Referring to **Table 1**, all final samples collected from the remediation, analytical results indicated benzene, BTEX, TPH, and chloride concentrations were below the RRALs.

#### **Conclusions**

Based on confirmation sampling and remediation activities at the Site, Chevron requests closure of the release area. The final C-141s will be electronically submitted to the NMOCD.

If you require any additional information or have any questions or comments, please contact Tetra Tech at (432) 682-4559.

Respectfully submitted,

TETRA TECH

John Faught, GIT Project Manager

Clair Gonzales, P.G. Senior Project Manager



#### **Enclosures:**

Figure 1 – Site Location Map

Figure 2 - Impact Area Map

Figure 3 – Excavation and Sample Location Map

Table 1 – Confirmation Sampling Analytical Results

Appendix A – Photographic Documentation

Appendix B – Analytical Laboratory Results

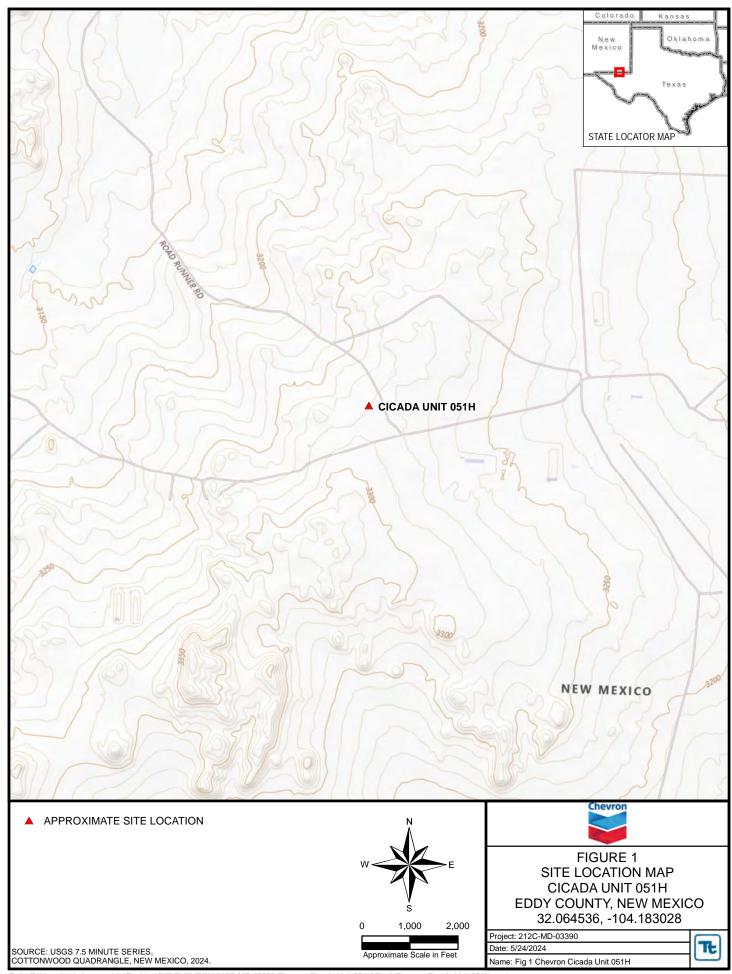
Appendix C – Site Characterization Documentation

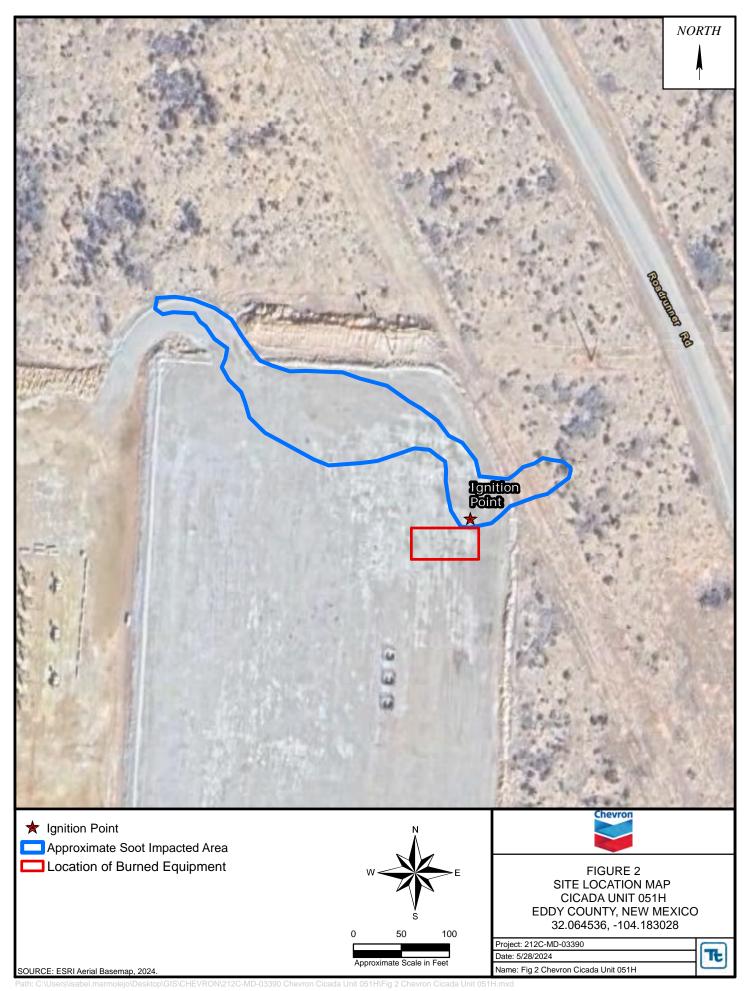
Appendix D – Waste Manifests

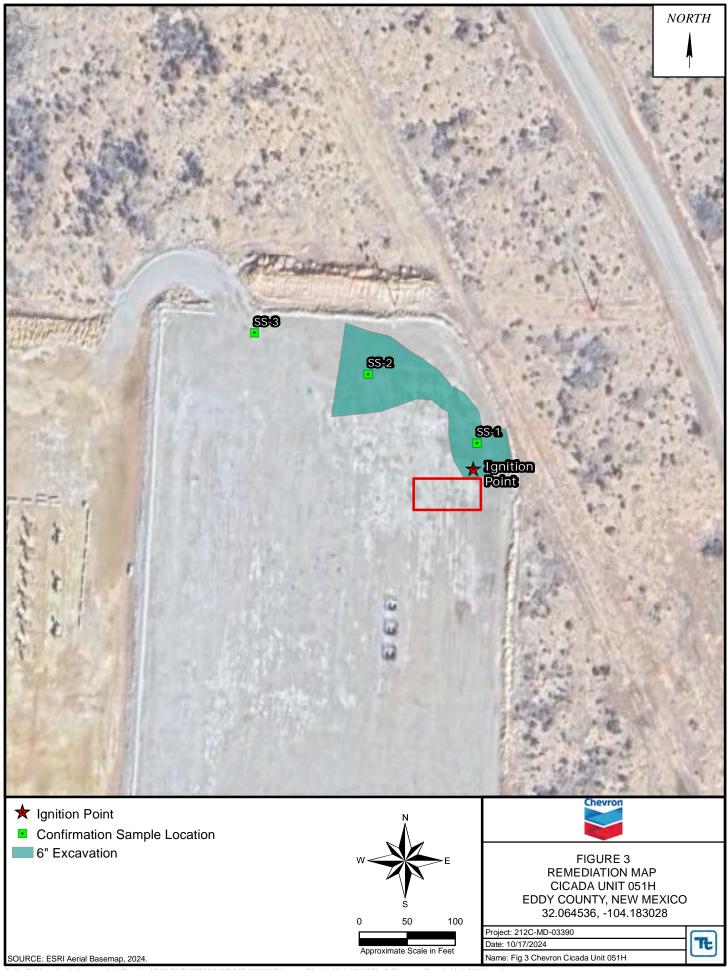
Appendix E – NMOCD Correspondence



Figures









## **Tables**

# Table 1 Confirmation Sampling Analytical Results Chevron MCBU Cicada Unit #051H Eddy County, New Mexico

Sample ID	Sample	Excavtion	Soil	Status		TPH (n	ng/kg)		Benzene (mg/kg)	Toluene (mg/kg)	Ethlybenzene	Xylene (mg/kg)	Total BTEX (mg/kg)	Chloride
·	Date	Depth (ft)	In-Situ	Removed	GRO	DRO	MRO	Total	( 0 0)	` ` ` ` ` ` ` ` ` ` ` `	(mg/kg)	, , , , ,	, , ,	(mg/kg)
RRALs								100	10				Total BTEX (mg/kg) (mg/kg)  50 mg/kg  600 mg  <0.00227  <0.00227  134	600 ma/ka
KKALS								mg/kg	mg/kg				mg/kg	600 mg/kg
SS-1	8/23/2024	Surface	-	Х	<14.5	582	100 mg/kg 82 <15.1 582	582	<0.00138	<0.00198	<0.00108	< 0.00227	<0.00227	200
33-1	10/10/2024	0.5'	Х	-	<14.4	<15.0	<15.0	<15.0	<0.00138	< 0.00199	<0.00108	< 0.00227	< 0.00227	134
	1											1		
SS-2	8/23/2024	Surface	-	X	<14.5	46.9	<15.1	46.9	< 0.00140	< 0.00201	<0.00109	< 0.00229	< 0.00229	1000
33-2	10/10/2024	0.5'	Х	-	<14.5	<15.1	<15.1	<15.1	< 0.00139	< 0.00200	< 0.00109	<0.00228	<0.00228	129
SS-3	8/23/2024	Surface	Х	-	<14.5	26.2	<15.1	26.2	<0.00138	< 0.00199	<0.00108	<0.00227	<0.00227	333

#### NOTES

RRALs (Recommended Remediation Action Levels) are based on NMOCD (New Mexico Oil Conservation Devision) Guidelines for Remediation of Leaks, Spills, and Releases.

All screening values and results are presented in milligrams per kilogram (mg/kg)

Bolded cells represent a detected concentration above the respective screening value. < = analyte was not detected above the respective sample detection limit

ft = feet below ground surface

(-) = not analyzed for respective constituent

TPH = total petroleum hydrocarbons

BTEX = benzene, toluene, ethylbenzene, xylene

Exceedance



## Appendix A

Photographic Documentation

## **Photographic Log**

Chevron U.S.A., Inc. Cicada Unit #051H Equipment Fire – Remediation

Photo 1: Overview of remediation activities. Photo 2: Overview of remediation activities © 359°N (T) ● 32.065032°, -104.183077° ±9ft ▲ 3280ft Photo 3: Overview of backfilled Site. Photo 4: Overview of backfilled Site. © 295°NW (T) © 32.065201°, -104.182702° ±19ft ▲ 3279ft © 333°NW (T) © 32.064964°, -104.182715° ±22ft ▲ 3281ft

Job No.	Page No.	Client:	Site Name:	
212C-MD-03390	1 of 1	Chevron U.S.A, Inc	Cicada Unit #051H	



Photo 6: Overview of backfilled Site.

Photo 5: Overview of backfilled Site.



## Appendix B

**Analytical Laboratory Results** 

**Environment Testing** 

## **ANALYTICAL REPORT**

## PREPARED FOR

Attn: John Faught Tetra Tech Inc 901 W Wall Ste 100 Midland, Texas 79701

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## **JOB DESCRIPTION**

Cicada Unit 051H Confirmation Sampling Eddy County, NM

## **JOB NUMBER**

880-47645-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

## **Eurofins Midland**

#### **Job Notes**

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## **Authorization**

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Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 10

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Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confirmation Sampling Laboratory Job ID: 880-47645-1 SDG: Eddy County, NM

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#### **Definitions/Glossary**

Client: Tetra Tech Inc Job ID: 880-47645-1 Project/Site: Cicada Unit 051H Confirmation Sampling SDG: Eddy County, NM

**Qualifiers** 

**GC VOA** 

Qualifier **Qualifier Description** 

Indicates the analyte was analyzed for but not detected.

**GC Semi VOA** 

Qualifier **Qualifier Description** 

Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

U Indicates the analyte was analyzed for but not detected.

**HPLC/IC** 

Qualifier **Qualifier Description** 

F1 MS and/or MSD recovery exceeds control limits.

U Indicates the analyte was analyzed for but not detected.

**Glossary** 

Abbreviation These commonly used abbreviations may or may not be present in this report.

Listed under the "D" column to designate that the result is reported on a dry weight basis

Percent Recovery %R CFL Contains Free Liquid CFU Colony Forming Unit CNF Contains No Free Liquid

DER Duplicate Error Ratio (normalized absolute difference)

Dil Fac **Dilution Factor** 

DL Detection Limit (DoD/DOE)

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

**EDL** Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" Minimum Detectable Activity (Radiochemistry) MDA MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit Minimum Level (Dioxin) ML Most Probable Number MPN Method Quantitation Limit MQL

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

**PQL Practical Quantitation Limit** 

**PRES** Presumptive QC **Quality Control** 

RER Relative Error Ratio (Radiochemistry)

Reporting Limit or Requested Limit (Radiochemistry) RL

Relative Percent Difference, a measure of the relative difference between two points **RPD** 

TEF Toxicity Equivalent Factor (Dioxin) Toxicity Equivalent Quotient (Dioxin) **TEQ** 

**TNTC** Too Numerous To Count

#### **Case Narrative**

Client: Tetra Tech Inc Job ID: 880-47645-1

Project: Cicada Unit 051H Confirmation Sampling

Job ID: 880-47645-1 Eurofins Midland

#### Job Narrative 880-47645-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these
  situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise
  specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

#### Receipt

The samples were received on 8/23/2024 4:20 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.5°C.

#### **GC VOA**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **Diesel Range Organics**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### HPLC/IC

Method 300\_ORGFM\_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-89421 and analytical batch 880-89424 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

**Eurofins Midland** 

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Job ID: 880-47645-1

#### **Client Sample Results**

Client: Tetra Tech Inc

Project/Site: Cicada Unit 051H Confirmation Sampling SDG: Eddy County, NM

**Client Sample ID: SS-1** Lab Sample ID: 880-47645-1 Matrix: Solid

Date Collected: 08/23/24 10:45 Date Received: 08/23/24 16:20

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		08/26/24 09:24	08/26/24 18:43	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		08/26/24 09:24	08/26/24 18:43	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		08/26/24 09:24	08/26/24 18:43	1
m-Xylene & p-Xylene	<0.00227	U	0.00397	0.00227	mg/Kg		08/26/24 09:24	08/26/24 18:43	1
o-Xylene	< 0.00157	U	0.00198	0.00157	mg/Kg		08/26/24 09:24	08/26/24 18:43	1
Xylenes, Total	<0.00227	U	0.00397	0.00227	mg/Kg		08/26/24 09:24	08/26/24 18:43	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				08/26/24 09:24	08/26/24 18:43	1
1,4-Difluorobenzene (Surr)	96		70 <sub>-</sub> 130				08/26/24 09:24	08/26/24 18:43	1
Method: TAL SOP Total BTEX -		culation	70 - 700				00/20/24 09.24	00/20/24 10:43	,
Method: TAL SOP Total BTEX - Analyte	Total BTEX Calc	Qualifier	RL	MDL		D	Prepared	Analyzed	
Method: TAL SOP Total BTEX -	Total BTEX Cald	Qualifier		MDL 0.00227	Unit mg/Kg	<u>D</u>			•
Method: TAL SOP Total BTEX - Analyte Total BTEX	Total BTEX Calc Result <0.00227	Qualifier U	RL 0.00397			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte	Total BTEX Calc Result < 0.00227 sel Range Organ	Qualifier U	RL 0.00397		mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies	Total BTEX Calc Result < 0.00227 sel Range Organ	Qualifier U	RL 0.00397	0.00227	mg/Kg		Prepared	Analyzed 08/26/24 18:43	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte	Total BTEX Calc Result <0.00227 sel Range Organ Result 582	Qualifier U ics (DRO) ( Qualifier	RL 0.00397  GC)  RL 50.0	0.00227 MDL	mg/Kg		Prepared	Analyzed 08/26/24 18:43  Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH  Method: SW846 8015B NM - Dies	Total BTEX Calc Result <0.00227 sel Range Organ Result 582 sesel Range Orga	Qualifier U ics (DRO) ( Qualifier	RL 0.00397  GC)  RL 50.0	0.00227 MDL	mg/Kg  Unit mg/Kg		Prepared	Analyzed 08/26/24 18:43  Analyzed	Dil Fac  Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH	Total BTEX Calc Result <0.00227 sel Range Organ Result 582 sesel Range Orga	Qualifier U ics (DRO) ( Qualifier nics (DRO) Qualifier	RL 0.00397  GC) RL 50.0	0.00227  MDL  15.1	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 08/26/24 18:43  Analyzed 08/27/24 23:28	Dil Fac  Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH  Method: SW846 8015B NM - Die Analyte Gasoline Range Organics	Total BTEX Calc Result <0.00227  sel Range Organ Result 582 esel Range Orga Result Result	Qualifier U ics (DRO) ( Qualifier nics (DRO) Qualifier	RL 0.00397  GC) RL 50.0  (GC) RL	0.00227  MDL  15.1  MDL  14.5	mg/Kg  Unit mg/Kg  Unit	<u>D</u>	Prepared Prepared	Analyzed  08/26/24 18:43  Analyzed  08/27/24 23:28  Analyzed	Dil Fac  Dil Fac  1  Dil Fac

Surrogate 1-Chlorooctane	%Recovery 73	Qualifier	Limits 70 - 130		<b>Prepared</b> 08/26/24 12:45	Analyzed 08/27/24 23:28	Dil Fac
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1 mg/Kg	08/26/24 12:45	08/27/24 23:28	1
Diesel Range Organics (Over	582		50.0	15.1 mg/Kg	08/26/24 12:45	08/27/24 23:28	1
(GRO)-C6-C10	<14.5	U	50.0	14.5 mg/kg	00/20/24 12:45	00/2//24 23:20	ı

	<u></u>								
Method: EPA 300.0 - Anions, Ion Chromatography - Soluble									
	Analyte	Result Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Chloride	200	24.9	1.96	mg/Kg			08/26/24 15:18	5

70 - 130

73

**Client Sample ID: SS-2** Lab Sample ID: 880-47645-2 Date Collected: 08/23/24 10:51 **Matrix: Solid** 

Date Received: 08/23/24 16:20

o-Terphenyl

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		08/26/24 09:24	08/26/24 19:03	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		08/26/24 09:24	08/26/24 19:03	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		08/26/24 09:24	08/26/24 19:03	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		08/26/24 09:24	08/26/24 19:03	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		08/26/24 09:24	08/26/24 19:03	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		08/26/24 09:24	08/26/24 19:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130				08/26/24 09:24	08/26/24 19:03	1
1,4-Difluorobenzene (Surr)	95		70 - 130				08/26/24 09:24	08/26/24 19:03	1

**Eurofins Midland** 

#### **Client Sample Results**

Client: Tetra Tech Inc

Project/Site: Cicada Unit 051H Confirmation Sampling

Job ID: 880-47645-1

SDG: Eddy County, NM

**Client Sample ID: SS-2** Lab Sample ID: 880-47645-2 Date Collected: 08/23/24 10:51

Matrix: Solid

Method: TAL SOP Total BTEX - T						_			5
Analyte		Qualifier	RL	MDL		D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			08/26/24 19:03	
Method: SW846 8015 NM - Diese	l Range Organ	ics (DRO) (	GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	46.9	J	49.8	15.1	mg/Kg			08/27/24 23:44	
Method: SW846 8015B NM - Dies	el Range Orga	nics (DRO)	(GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<14.5	U	49.8	14.5	mg/Kg		08/26/24 12:45	08/27/24 23:44	
(GRO)-C6-C10									
Diesel Range Organics (Over	46.9	J	49.8	15.1	mg/Kg		08/26/24 12:45	08/27/24 23:44	
C10-C28)									
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		08/26/24 12:45	08/27/24 23:44	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	91		70 - 130				08/26/24 12:45	08/27/24 23:44	
o-Terphenyl	81		70 - 130				08/26/24 12:45	08/27/24 23:44	
Method: EPA 300.0 - Anions, Ion	Chromatograp	hy - Solubl	e						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chloride	1000	-	49.6	3 92	mg/Kg		-	08/26/24 15:24	1

**Client Sample ID: SS-3** Lab Sample ID: 880-47645-3

Date Received: 08/23/24 16:20

Date Collected: 08/23/24 11:00 **Matrix: Solid** 

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		08/26/24 09:24	08/26/24 19:24	1
Toluene	< 0.00199	U	0.00199	0.00199	mg/Kg		08/26/24 09:24	08/26/24 19:24	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		08/26/24 09:24	08/26/24 19:24	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		08/26/24 09:24	08/26/24 19:24	1
o-Xylene	< 0.00157	U	0.00199	0.00157	mg/Kg		08/26/24 09:24	08/26/24 19:24	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		08/26/24 09:24	08/26/24 19:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				08/26/24 09:24	08/26/24 19:24	1
	96		70 - 130				08/26/24 09:24	08/26/24 19:24	1
	· Total BTEX Cald			MDL	Unit	D			
Method: TAL SOP Total BTEX -	· Total BTEX Cald	culation Qualifier	70 - 730 RL	MDL	Unit	D	Prepared	Analyzed	
1,4-Difluorobenzene (Surr)  Method: TAL SOP Total BTEX - Analyte  Total BTEX	· Total BTEX Cald	Qualifier		MDL 0.00227	Unit mg/Kg	<u>D</u>			Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX	- Total BTEX Calc Result <	<b>Qualifier</b> U	RL 0.00398			<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies	Total BTEX Calc Result < 0.00227 sel Range Organ	<b>Qualifier</b> U	RL 0.00398		mg/Kg	<u>D</u>		Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte	Total BTEX Calc Result < 0.00227 sel Range Organ	Qualifier U ics (DRO) (Qualifier	RL 0.00398	0.00227	mg/Kg	<u> </u>	Prepared	Analyzed 08/26/24 19:24	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte	rotal BTEX Calc Result <0.00227 sel Range Organ Result 26.2	Qualifier U ics (DRO) ( Qualifier J	RL 0.00398  GC)  RL 50.0	0.00227 <b>MDL</b>	mg/Kg	<u> </u>	Prepared	Analyzed 08/26/24 19:24 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH	rotal BTEX Calc Result <0.00227 sel Range Organ Result 26.2 esel Range Orga	Qualifier U ics (DRO) ( Qualifier J	RL 0.00398  GC)  RL 50.0	0.00227 MDL 15.1	mg/Kg	<u> </u>	Prepared	Analyzed 08/26/24 19:24 Analyzed	Dil Fac
Method: TAL SOP Total BTEX - Analyte Total BTEX  Method: SW846 8015 NM - Dies Analyte Total TPH  Method: SW846 8015B NM - Dies	rotal BTEX Calc Result <0.00227 sel Range Organ Result 26.2 esel Range Orga	Qualifier U  ics (DRO) ( Qualifier J  nics (DRO) Qualifier	RL 0.00398 GC) RL 50.0	0.00227 MDL 15.1	mg/Kg  Unit mg/Kg	<u>D</u>	Prepared Prepared	Analyzed 08/26/24 19:24  Analyzed 08/28/24 00:01	Dil Fac

Date Received: 08/23/24 16:20

#### **Client Sample Results**

Client: Tetra Tech Inc Job ID: 880-47645-1
Project/Site: Cicada Unit 051H Confirmation Sampling SDG: Eddy County, NM

Client Sample ID: SS-3

Date Collected: 08/23/24 11:00

Lab Sample ID: 880-47645-3

Matrix: Solid

 Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)
 (Continued)

 Analyte
 Result
 Qualifier
 RL
 MDL
 Unit
 D
 Prepared
 Analyzed

 Oil Range Organics (Over C28-C36)
 <15.1</td>
 U
 50.0
 15.1
 mg/Kg
 08/26/24 12:45
 08/28/24 00:01

on range organies (over 525 555)	110.1	o .	30.0	10.1 mg/ng	00/20/24 12:40	00/20/24 00:01	
Surrogate	%Recovery	Qualifier	Limits		Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130		08/26/24 12:45	08/28/24 00:01	1
o-Terphenyl	76		70 - 130		08/26/24 12:45	08/28/24 00:01	1

Method: EPA 300.0 - Anions, Ion C	hromatography - Soluble						
Analyte	Result Qualifier	RL	MDL Unit	D	Prepared	Analyzed	Dil Fac
Chloride	333	25.0	1.98 mg/Kg			08/26/24 15:30	5

5

7

8

9

11

13

### **Surrogate Summary**

Client: Tetra Tech Inc Job ID: 880-47645-1 Project/Site: Cicada Unit 051H Confirmation Sampling SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid Prep Type: Total/NA

880-47645-1     SS-1     108     96       880-47645-2     SS-2     112     95       880-47645-3     SS-3     105     96       880-47650-A-1-D MS     Matrix Spike     102     97
880-47645-1     SS-1     108     96       880-47645-2     SS-2     112     95       880-47645-3     SS-3     105     96       880-47650-A-1-D MS     Matrix Spike     102     97
880-47645-2       SS-2       112       95         880-47645-3       SS-3       105       96         880-47650-A-1-D MS       Matrix Spike       102       97
880-47645-3 SS-3 105 96 880-47650-A-1-D MS Matrix Spike 102 97
880-47650-A-1-D MS Matrix Spike 102 97
·
880-47650-A-1-F MSD Matrix Spike Duplicate 101 97
100 Troop Tr E Mob Matrix Opino Baphoato
LCS 880-89373/1-A Lab Control Sample 102 98
LCSD 880-89373/2-A Lab Control Sample Dup 101 93
MB 880-89373/5-A Method Blank 105 90
Surrogate Legend  BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid Prep Type: Total/NA

				Percent Surrogate Recovery (Acceptance Limits)
		1CO1	OTPH1	
Lab Sample ID	Client Sample ID	(70-130)	(70-130)	
880-47645-1	SS-1	73	73	
880-47645-2	SS-2	91	81	
380-47645-3	SS-3	82	76	
880-47669-A-7-D MS	Matrix Spike	105	86	
380-47669-A-7-E MSD	Matrix Spike Duplicate	107	87	
_CS 880-89420/2-A	Lab Control Sample	113	110	
_CSD 880-89420/3-A	Lab Control Sample Dup	112	109	
MB 880-89420/1-A	Method Blank	102	92	

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

#### QC Sample Results

Job ID: 880-47645-1 Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confirmation Sampling

SDG: Eddy County, NM

Client Sample ID: Method Blank

Dil Fac

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-89373/5-A **Matrix: Solid** 

Analysis Batch: 89365

Prep Type: Total/NA Prep Batch: 89373 мв мв

Dil Fac Analyte Result Qualifier RLMDL Unit D Prepared Analyzed Benzene <0.00139 U 0.00200 0.00139 mg/Kg 08/26/24 09:24 08/26/24 12:20 Toluene <0.00200 U 0.00200 0.00200 mg/Kg 08/26/24 09:24 08/26/24 12:20 Ethylbenzene 08/26/24 12:20 <0.00109 U 0.00200 0.00109 mg/Kg 08/26/24 09:24 m-Xylene & p-Xylene <0.00229 U 0.00400 0.00229 mg/Kg 08/26/24 09:24 08/26/24 12:20 o-Xylene <0.00158 U 0.00200 0.00158 mg/Kg 08/26/24 09:24 08/26/24 12:20 <0.00229 U 0.00400 0.00229 mg/Kg Xylenes, Total 08/26/24 09:24 08/26/24 12:20

> MB MB Qualifier %Recovery Limits Prepared

70 - 130 08/26/24 09:24 4-Bromofluorobenzene (Surr) 105 08/26/24 12:20 1,4-Difluorobenzene (Surr) 90 70 - 130 08/26/24 09:24 08/26/24 12:20

Lab Sample ID: LCS 880-89373/1-A

**Matrix: Solid** 

Surrogate

Analysis Batch: 89365

Client Sample ID: Lab Control Sample

Analyzed

Prep Type: Total/NA Prep Batch: 89373

LCS LCS Spike Analyte Added Result Qualifier Unit %Rec Limits Benzene 0.100 0.1099 mg/Kg 110 70 - 130 Toluene 0.100 0.1057 mg/Kg 106 70 - 130 Ethylbenzene 0.100 0.1036 mg/Kg 104 70 - 130 m-Xylene & p-Xylene 0.200 0.2208 mg/Kg 110 70 - 130 o-Xylene 0.100 0.1109 mg/Kg 111 70 - 130

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-89373/2-A

**Matrix: Solid** 

Analysis Batch: 89365

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA Prep Batch: 89373

LCSD LCSD RPD Spike %Rec Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Benzene 0.100 0.1115 mg/Kg 112 70 - 130 35 Toluene 0.100 0.1091 mg/Kg 109 70 - 130 3 35 0.100 0.1069 mg/Kg 107 70 - 130 35 Ethylbenzene 3 m-Xylene & p-Xylene 0.200 0.2280 mg/Kg 114 70 - 130 3 35 o-Xylene 0.100 0.1143 mg/Kg 114 70 - 130 35

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1.4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-47650-A-1-D MS

**Matrix: Solid** 

Analysis Batch: 89365

Client Sample ID: Matrix Spike Prep Type: Total/NA

Prep Batch: 89373

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00140	U	0.100	0.1002		mg/Kg		100	70 - 130	
Toluene	<0.00201	U	0.100	0.09637		mg/Kg		96	70 - 130	

#### QC Sample Results

Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confirmation Sampling Job ID: 880-47645-1

SDG: Eddy County, NM

#### Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-47650-A-1-D MS

Lab Sample ID: 880-47650-A-1-E MSD

**Matrix: Solid** 

**Matrix: Solid** 

Analysis Batch: 89365

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89373

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Ethylbenzene	<0.00109	U	0.100	0.09347		mg/Kg		93	70 - 130	
m-Xylene & p-Xylene	<0.00229	U	0.200	0.1989		mg/Kg		99	70 - 130	
o-Xylene	<0.00159	U	0.100	0.1000		mg/Kg		100	70 - 130	

MS MS

Surrogate	%Recovery Qualifier	· Limits
4-Bromofluorobenzene (Surr)	102	70 - 130
1,4-Difluorobenzene (Surr)	97	70 - 130

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 89373

RPD

Analysis Batch: 89365 Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier RPD Limit Analyte Unit %Rec Limits 0.100 Benzene <0.00140 U 0.09206 mg/Kg 92 70 - 130 8 35 Toluene <0.00201 U 0.100 0.09033 mg/Kg 90 70 - 130 6 35 Ethylbenzene <0.00109 U 0.100 0.08918 mg/Kg 89 70 - 130 5 35 <0.00229 U 0.200 0.1895 95 70 - 130 35 m-Xylene & p-Xylene mg/Kg 5 <0.00159 U 0.100 0.09548 95 70 - 130 o-Xylene mg/Kg

MSD MSD

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

#### Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-89420/1-A

**Matrix: Solid** 

Analysis Batch: 89521

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 89420

	IVID	MID							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		08/26/24 12:44	08/27/24 15:43	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		08/26/24 12:44	08/27/24 15:43	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		08/26/24 12:44	08/27/24 15:43	1

MB MB

MR MR

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	08/26/24 12:44	08/27/24 15:43	1
o-Terphenyl	92		70 - 130	08/26/24 12:44	08/27/24 15:43	1

Lab Sample ID: LCS 880-89420/2-A

**Matrix: Solid** 

Analysis Batch: 89521

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 89420

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1020	-	mg/Kg		102	70 - 130	 
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1102		mg/Kg		110	70 - 130	
C10-C28)								

Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confirmation Sampling

Job ID: 880-47645-1

SDG: Eddy County, NM

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-89420/2-A **Matrix: Solid** 

Lab Sample ID: LCSD 880-89420/3-A

Lab Sample ID: 880-47669-A-7-D MS

Analysis Batch: 89521

Diesel Range Organics (Over

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 89420

Surrogate %Recovery Qualifier Limits 1-Chlorooctane 113 70 - 130 o-Terphenyl 110 70 - 130

Client Sample ID: Lab Control Sample Dup

70 - 130

109

Prep Type: Total/NA

Prep Batch: 89420

2

Analysis Batch: 89521 Spike LCSD LCSD %Rec RPD Analyte Added Result Qualifier Unit D %Rec Limits RPD Limit 1000 1020 102 70 - 130O 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10

1085

mg/Kg

1000

C10-C28)

**Matrix: Solid** 

LCSD LCSD

LCS LCS

Surrogate %Recovery Qualifier Limits 70 - 130 1-Chlorooctane 112 109 70 - 130 o-Terphenyl

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 89420

Sample Sample MS MS Spike Added Analyte Result Qualifier Result Qualifier Unit D %Rec Limits Gasoline Range Organics <14.5 U 998 769.2 mg/Kg 77 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over <15.1 U 998 836.2 mg/Kg 84 70 - 130

C10-C28)

**Matrix: Solid** 

**Analysis Batch: 89521** 

MS MS

%Recovery Qualifier Surrogate Limits 70 - 130 1-Chlorooctane 105 70 - 130 o-Terphenyl 86

Lab Sample ID: 880-47669-A-7-E MSD Client Sample ID: Matrix Spike Duplicate **Matrix: Solid** Prep Type: Total/NA

Analysis Batch: 89521 Prep Batch: 89420 Sample Sample MSD MSD Spike %Rec

Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits **RPD** Limit <14.5 U 998 798.8 80 Gasoline Range Organics mg/Kg 70 - 130 20 (GRO)-C6-C10 Diesel Range Organics (Over <15.1 U 998 843.2 mg/Kg 84 70 - 130 20

C10-C28)

MSD MSD

%Recovery Qualifier Surrogate Limits 1-Chlorooctane 107 70 - 130 87 70 - 130 o-Terphenyl

**Eurofins Midland** 

RPD

#### QC Sample Results

Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confirmation Sampling Job ID: 880-47645-1

Client Sample ID: Method Blank

SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-89421/1-A

**Matrix: Solid** 

Analysis Batch: 89424

**Prep Type: Soluble** 

mg/Kg

94

90 - 110

Client Sample ID: Matrix Spike Duplicate

**Prep Type: Soluble** 

Dil Fac Analyte Result Qualifier RL MDL Unit D Prepared Analyzed Chloride <0.395 U 5.00 0.395 mg/Kg 08/26/24 14:42

Lab Sample ID: LCS 880-89421/2-A Client Sample ID: Lab Control Sample **Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 89424

Chloride

Spike LCS LCS %Rec Added %Rec Analyte Result Qualifier Unit D Limits

250

мв мв

Lab Sample ID: LCSD 880-89421/3-A Client Sample ID: Lab Control Sample Dup **Matrix: Solid Prep Type: Soluble** 

235.5

Analysis Batch: 89424

LCSD LCSD %Rec RPD Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Chloride 250 234.7 mg/Kg 90 - 110

Lab Sample ID: 880-47643-A-44-B MS Client Sample ID: Matrix Spike **Matrix: Solid Prep Type: Soluble** 

Analysis Batch: 89424

MS MS Sample Sample Spike %Rec Analyte Result Qualifier Added Result Qualifier %Rec Unit Limits Chloride 2400 2490 6690 F1 172 90 - 110 mg/Kg

Lab Sample ID: 880-47643-A-44-C MSD

**Matrix: Solid** 

Analysis Batch: 89424

Sample Sample Spike MSD MSD %Rec RPD Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits RPD Limit 2400 F1 2490 6701 F1 Chloride mg/Kg 173 90 - 110 0 20

#### **QC Association Summary**

Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confirmation Sampling Job ID: 880-47645-1

SDG: Eddy County, NM

#### **GC VOA**

#### Analysis Batch: 89365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47645-1	SS-1	Total/NA	Solid	8021B	89373
880-47645-2	SS-2	Total/NA	Solid	8021B	89373
880-47645-3	SS-3	Total/NA	Solid	8021B	89373
MB 880-89373/5-A	Method Blank	Total/NA	Solid	8021B	89373
LCS 880-89373/1-A	Lab Control Sample	Total/NA	Solid	8021B	89373
LCSD 880-89373/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	89373
880-47650-A-1-D MS	Matrix Spike	Total/NA	Solid	8021B	89373
880-47650-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	89373

#### Prep Batch: 89373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batcl
880-47645-1	SS-1	Total/NA	Solid	5035	
880-47645-2	SS-2	Total/NA	Solid	5035	
880-47645-3	SS-3	Total/NA	Solid	5035	
MB 880-89373/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-89373/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-89373/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-47650-A-1-D MS	Matrix Spike	Total/NA	Solid	5035	
880-47650-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

#### Analysis Batch: 89443

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47645-1	SS-1	Total/NA	Solid	Total BTEX	
880-47645-2	SS-2	Total/NA	Solid	Total BTEX	
880-47645-3	SS-3	Total/NA	Solid	Total BTEX	

#### **GC Semi VOA**

#### Prep Batch: 89420

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47645-1	SS-1	Total/NA	Solid	8015NM Prep	
880-47645-2	SS-2	Total/NA	Solid	8015NM Prep	
880-47645-3	SS-3	Total/NA	Solid	8015NM Prep	
MB 880-89420/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-89420/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-89420/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-47669-A-7-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-47669-A-7-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

#### Analysis Batch: 89521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47645-1	SS-1	Total/NA	Solid	8015B NM	89420
880-47645-2	SS-2	Total/NA	Solid	8015B NM	89420
880-47645-3	SS-3	Total/NA	Solid	8015B NM	89420
MB 880-89420/1-A	Method Blank	Total/NA	Solid	8015B NM	89420
LCS 880-89420/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	89420
LCSD 880-89420/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	89420
880-47669-A-7-D MS	Matrix Spike	Total/NA	Solid	8015B NM	89420
880-47669-A-7-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	89420

### **QC Association Summary**

Client: Tetra Tech Inc

Project/Site: Cicada Unit 051H Confirmation Sampling

Job ID: 880-47645-1 SDG: Eddy County, NM

#### GC Semi VOA

#### Analysis Batch: 89591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method Prep Batch
880-47645-1	SS-1	Total/NA	Solid	8015 NM
880-47645-2	SS-2	Total/NA	Solid	8015 NM
880-47645-3	SS-3	Total/NA	Solid	8015 NM

#### HPLC/IC

#### Leach Batch: 89421

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47645-1	SS-1	Soluble	Solid	DI Leach	
880-47645-2	SS-2	Soluble	Solid	DI Leach	
880-47645-3	SS-3	Soluble	Solid	DI Leach	
MB 880-89421/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-89421/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-89421/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-47643-A-44-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-47643-A-44-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

10

#### Analysis Batch: 89424

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-47645-1	SS-1	Soluble	Solid	300.0	89421
880-47645-2	SS-2	Soluble	Solid	300.0	89421
880-47645-3	SS-3	Soluble	Solid	300.0	89421
MB 880-89421/1-A	Method Blank	Soluble	Solid	300.0	89421
LCS 880-89421/2-A	Lab Control Sample	Soluble	Solid	300.0	89421
LCSD 880-89421/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	89421
880-47643-A-44-B MS	Matrix Spike	Soluble	Solid	300.0	89421
880-47643-A-44-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	89421

8

4.0

#### **Lab Chronicle**

Client: Tetra Tech Inc

Project/Site: Cicada Unit 051H Confirmation Sampling

SDG: Eddy County, NM

Job ID: 880-47645-1

**Client Sample ID: SS-1** 

Lab Sample ID: 880-47645-1

Matrix: Solid

Date Collected: 08/23/24 10:45 Date Received: 08/23/24 16:20

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Туре	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	89373	08/26/24 09:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89365	08/26/24 18:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89443	08/26/24 18:43	SM	EET MID
Total/NA	Analysis	8015 NM		1			89591	08/27/24 23:28	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	89420	08/26/24 12:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89521	08/27/24 23:28	TKC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	89421	08/26/24 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89424	08/26/24 15:18	CH	EET MID

**Client Sample ID: SS-2** Lab Sample ID: 880-47645-2

Date Collected: 08/23/24 10:51

Date Received: 08/23/24 16:20

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	89373	08/26/24 09:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89365	08/26/24 19:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89443	08/26/24 19:03	SM	EET MID
Total/NA	Analysis	8015 NM		1			89591	08/27/24 23:44	SM	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	89420	08/26/24 12:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89521	08/27/24 23:44	TKC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	89421	08/26/24 13:07	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	89424	08/26/24 15:24	CH	EET MID

**Client Sample ID: SS-3** 

Date Collected: 08/23/24 11:00

Date Received: 08/23/24 16:20

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	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	89373	08/26/24 09:24	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	89365	08/26/24 19:24	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			89443	08/26/24 19:24	SM	EET MID
Total/NA	Analysis	8015 NM		1			89591	08/28/24 00:01	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	89420	08/26/24 12:45	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	89521	08/28/24 00:01	TKC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	89421	08/26/24 13:07	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	89424	08/26/24 15:30	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

**Matrix: Solid** 

## **Accreditation/Certification Summary**

Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confirmation Sampling Job ID: 880-47645-1

SDG: Eddy County, NM

#### **Laboratory: Eurofins Midland**

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date	
Texas	NELAP		T104704400	06-30-25	
,	are included in this report, bu	it the laboratory is not certi	fied by the governing authority. This lis	t may include analytes	
Analysis Method	Prep Method	Matrix	Analyte		
8015 NM		Solid	Total TPH		
Total BTEX		Solid	Total BTEX		

#### **Method Summary**

Client: Tetra Tech Inc

Project/Site: Cicada Unit 051H Confirmation Sampling

Job ID: 880-47645-1

SDG: Eddy County, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

#### **Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

#### Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

### **Sample Summary**

Client: Tetra Tech Inc

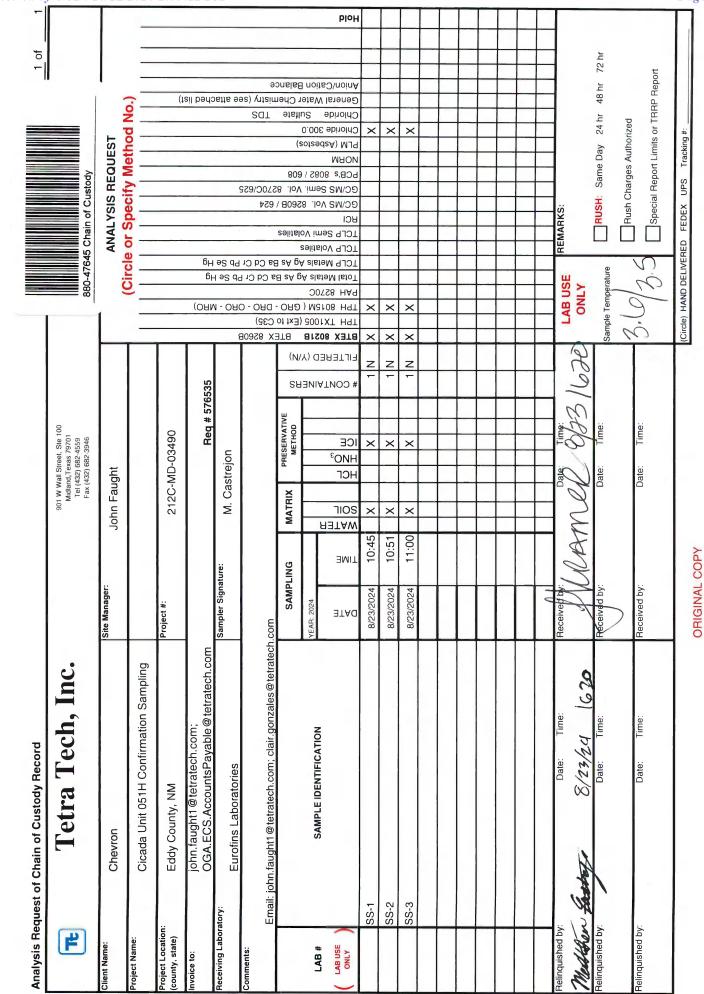
Project/Site: Cicada Unit 051H Confirmation Sampling

Job ID: 880-47645-1

SDG: Edd

dy County, NM	

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-47645-1	SS-1	Solid	08/23/24 10:45	08/23/24 16:20
880-47645-2	SS-2	Solid	08/23/24 10:51	08/23/24 16:20
880-47645-3	SS-3	Solid	08/23/24 11:00	08/23/24 16:20



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8/28/2024

### **Login Sample Receipt Checklist**

Client: Tetra Tech Inc

Job Number: 880-47645-1

SDG Number: Eddy County, NM

List Source: Eurofins Midland

Login Number: 47645 List Number: 1

Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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**Environment Testing** 

## **ANALYTICAL REPORT**

## PREPARED FOR

Attn: John Faught
Tetra Tech Inc
901 W Wall
Ste 100
Midland, Texas 79701

Generated 10/11/2024 4:31:10 PM

## **JOB DESCRIPTION**

Cicada Unit 051H Confitmation Sampling Eddy County, NM

## **JOB NUMBER**

880-49629-1

Eurofins Midland 1211 W. Florida Ave Midland TX 79701

## **Eurofins Midland**

#### **Job Notes**

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

## **Authorization**

Generated 10/11/2024 4:31:10 PM

Authorized for release by Jessica Kramer, Project Manager <u>Jessica.Kramer@et.eurofinsus.com</u> (432)704-5440 2

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Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confitmation Sampling Laboratory Job ID: 880-49629-1 SDG: Eddy County, NM

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### **Definitions/Glossary**

Client: Tetra Tech Inc Job ID: 880-49629-1 Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

**Qualifiers** 

**GC VOA** 

Qualifier **Qualifier Description** 

Indicates the analyte was analyzed for but not detected.

**GC Semi VOA** 

Qualifier **Qualifier Description** 

S1+ Surrogate recovery exceeds control limits, high biased. U Indicates the analyte was analyzed for but not detected.

**HPLC/IC** 

Qualifier **Qualifier Description** 

Indicates the analyte was analyzed for but not detected.

**Glossary** 

Abbreviation These commonly used abbreviations may or may not be present in this report.

ğ Listed under the "D" column to designate that the result is reported on a dry weight basis

%R Percent Recovery **CFL** Contains Free Liquid CFU Colony Forming Unit **CNF** Contains No Free Liquid

Duplicate Error Ratio (normalized absolute difference) **DER** 

**Dilution Factor** Dil Fac

Detection Limit (DoD/DOE) DΙ

DL, RA, RE, IN Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample

DLC Decision Level Concentration (Radiochemistry)

**EDL** Estimated Detection Limit (Dioxin) LOD Limit of Detection (DoD/DOE) LOQ Limit of Quantitation (DoD/DOE)

MCL EPA recommended "Maximum Contaminant Level" MDA Minimum Detectable Activity (Radiochemistry) MDC Minimum Detectable Concentration (Radiochemistry)

MDL Method Detection Limit ML Minimum Level (Dioxin) MPN Most Probable Number MQL Method Quantitation Limit

NC Not Calculated

ND Not Detected at the reporting limit (or MDL or EDL if shown)

NEG Negative / Absent POS Positive / Present

PQL **Practical Quantitation Limit** 

Presumptive **PRES** QC **Quality Control** 

**RER** Relative Error Ratio (Radiochemistry)

RL Reporting Limit or Requested Limit (Radiochemistry)

**RPD** Relative Percent Difference, a measure of the relative difference between two points

**TEF** Toxicity Equivalent Factor (Dioxin) TEQ Toxicity Equivalent Quotient (Dioxin)

**TNTC** Too Numerous To Count

#### Case Narrative

Client: Tetra Tech Inc Job ID: 880-49629-1

Project: Cicada Unit 051H Confitmation Sampling

**Eurofins Midland** Job ID: 880-49629-1

> Job Narrative 880-49629-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

#### Receipt

The samples were received on 10/10/2024 11:00 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 3.8°C.

#### **GC VOA**

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### **Diesel Range Organics**

Method 8015MOD\_NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-92947/2-A) and (LCSD 880-92947/3-A). Evidence of matrix interferences is not obvious.

Method 8015MOD NM: The continuing calibration verification (CCV) associated with batch 880-93006 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-93006/21).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

#### HPLC/IC

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client: Tetra Tech Inc Job ID: 880-49629-1 Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

Client Sample ID: SS-1 (0.5')

Date Collected: 10/10/24 00:00 Date Received: 10/10/24 11:00

Lab Sample ID: 880-49629-1

**Matrix: Solid** 

Method: SW846 8021B	hod: SW846 8021B - Volatile Organic Compounds (GC)											
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac			
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		10/10/24 11:18	10/10/24 13:23	1			
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		10/10/24 11:18	10/10/24 13:23	1			
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		10/10/24 11:18	10/10/24 13:23	1			
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		10/10/24 11:18	10/10/24 13:23	1			
o-Xylene	< 0.00157	U	0.00199	0.00157	mg/Kg		10/10/24 11:18	10/10/24 13:23	1			
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		10/10/24 11:18	10/10/24 13:23	1			
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac			

Surrogate	%Recovery Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97	70 - 130	10/10/24 11:18	10/10/24 13:23	1
1,4-Difluorobenzene (Surr)	99	70 - 130	10/10/24 11:18	10/10/24 13:23	1

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			10/10/24 13:23	1

Method: SW846 8015 NM -	<b>Diesel Range Organics (DRO)</b>	(GC)
Analyto	Pocult Qualifier	DI

Analyte	Result	Qualifier	RL	MDL	Unit	)	Prepared	Analyzed	Dil Fac
Total TPH	<15.0	U	49.7	15.0	mg/Kg			10/11/24 00:13	1

Method: SW840	6 8015B NM - Die	esel Range	e Organics	s (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics	<14.4	U	49.7	14.4	mg/Kg		10/10/24 09:17	10/11/24 00:13	1
(GRO)-C6-C10									
Diesel Range Organics (Over	<15.0	U	49.7	15.0	mg/Kg		10/10/24 09:17	10/11/24 00:13	1
C10-C28)									
Oil Range Organics (Over C28-C36)	<15.0	U	49.7	15.0	mg/Kg		10/10/24 09:17	10/11/24 00:13	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac

Juliogate	Mitecovery Qualifier	Liiiits	rrepared	Allalyzeu	Diriac
1-Chlorooctane	118	70 - 130	10/10/24 09:17	10/11/24 00:13	1
o-Terphenyl	111	70 - 130	10/10/24 09:17	10/11/24 00:13	1
Г., .,,					

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	134		4.98	0.393	mg/Kg			10/11/24 09:09	1

Client Sample ID: SS-2 (0.5')

Lab Sample ID: 880-49629-2 Date Collected: 10/10/24 00:00 **Matrix: Solid** Date Received: 10/10/24 11:00

Mothod: SW8/	6 2021B	- Volatilo	Organic	Compounde	(CC)

Method: SW846 8021B - Vo	•	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		10/10/24 11:18	10/10/24 13:44	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		10/10/24 11:18	10/10/24 13:44	1
Ethylbenzene	< 0.00109	U	0.00200	0.00109	mg/Kg		10/10/24 11:18	10/10/24 13:44	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		10/10/24 11:18	10/10/24 13:44	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		10/10/24 11:18	10/10/24 13:44	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		10/10/24 11:18	10/10/24 13:44	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130				10/10/24 11:18	10/10/24 13:44	1

**Eurofins Midland** 

10/10/24 11:18 10/10/24 13:44

70 - 130

1,4-Difluorobenzene (Surr)

# **Client Sample Results**

Job ID: 880-49629-1 Client: Tetra Tech Inc Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

Client Sample ID: SS-2 (0.5') Lab Sample ID: 880-49629-2

Date Collected: 10/10/24 00:00 Date Received: 10/10/24 11:00								Matrix	c: Solid
Method: TAL SOP Total BTEX	: Total BTE	X Calculat	tion						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			10/10/24 13:44	
- Method: SW846 8015 NM - Die	esel Range (	Organics (	DRO) (GC)						
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Total TPH	<15.1	U	49.8	15.1	mg/Kg			10/11/24 00:29	-
- Method: SW846 8015B NM - D	Diesel Range	o Organics	(DRO) (GC)						
Analyte	_	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Gasoline Range Organics	<14.5	U	49.8	14.5	mg/Kg		10/10/24 09:17	10/11/24 00:29	-
(GRO)-C6-C10									
Diesel Range Organics (Over	<15.1	U	49.8	15.1	mg/Kg		10/10/24 09:17	10/11/24 00:29	
C10-C28)									
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		10/10/24 09:17	10/11/24 00:29	•
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fa
1-Chlorooctane	118		70 - 130				10/10/24 09:17	10/11/24 00:29	-
o-Terphenyl	111		70 - 130				10/10/24 09:17	10/11/24 00:29	
Method: EPA 300.0 - Anions,	lon Chroma	tography -	Soluble						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	129		4.96	0.302	mg/Kg	— –		10/11/24 09:25	

## **Surrogate Summary**

Client: Tetra Tech Inc

Project/Site: Cicada Unit 051H Confitmation Sampling

Job ID: 880-49629-1

SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

**Matrix: Solid** Prep Type: Total/NA

_		Percent Surrogate Recovery (Acceptance Limits)						
		BFB1	DFBZ1					
Lab Sample ID	Client Sample ID	(70-130)	(70-130)					
880-49598-A-1-B MS	Matrix Spike	103	99					
880-49598-A-1-C MSD	Matrix Spike Duplicate	104	100					
880-49629-1	SS-1 (0.5')	97	99					
880-49629-2	SS-2 (0.5')	98	99					
Surrogate Legend	, ,							

BFB = 4-Bromofluorobenzene (Surr) DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8021B - Volatile Organic Compounds (GC)

**Matrix: Solid** Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		BFB2	DFBZ2						
Lab Sample ID	Client Sample ID	(70-130)	(70-130)						
LCS 880-92950/1-A	Lab Control Sample	103	100						
LCSD 880-92950/2-A	Lab Control Sample Dup	102	99						
MB 880-92950/5-A	Method Blank	92	93						
Surrogate Legend									

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

**Matrix: Solid** Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
		1CO1	OTPH1						
Lab Sample ID	Client Sample ID	(70-130)	(70-130)						
880-49609-A-1-E MS	Matrix Spike	107	106						
880-49609-A-1-F MSD	Matrix Spike Duplicate	106	107						
880-49629-1	SS-1 (0.5')	118	111						
880-49629-2	SS-2 (0.5')	118	111						
LCS 880-92947/2-A	Lab Control Sample	102	158 S1+						
LCSD 880-92947/3-A	Lab Control Sample Dup	102	155 S1+						
MB 880-92947/1-A	Method Blank	112	105						

Surrogate Legend

1CO = 1-Chlorooctane OTPH = o-Terphenyl

Client: Tetra Tech Inc Job ID: 880-49629-1 Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-92950/5-A

**Matrix: Solid** 

**Analysis Batch: 92940** 

**Client Sample ID: Method Blank** 

**Prep Type: Total/NA** 

Prep Batch: 92950

	MB	MR							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		10/10/24 09:28	10/10/24 11:19	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		10/10/24 09:28	10/10/24 11:19	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		10/10/24 09:28	10/10/24 11:19	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		10/10/24 09:28	10/10/24 11:19	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		10/10/24 09:28	10/10/24 11:19	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		10/10/24 09:28	10/10/24 11:19	1

MB MB

Surrogate	%Recovery	Qualifier	Limits	Prej	pared	Analyzed
4-Bromofluorobenzene (Surr)	92		70 - 130	10/10/2	24 09:28	10/10/24 11:19
1,4-Difluorobenzene (Surr)	93		70 - 130	10/10/2	24 09:28	10/10/24 11:19

Lab Sample ID: LCS 880-92950/1-A

Matrix: Solid

**Analysis Batch: 92940** 

**Client Sample ID: Lab Control Sample** 

**Prep Type: Total/NA** 

Prep Batch: 92950

	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	0.100	0.09574		mg/Kg		96	70 - 130	
Toluene	0.100	0.09353		mg/Kg		94	70 - 130	
Ethylbenzene	0.100	0.1029		mg/Kg		103	70 - 130	
m-Xylene & p-Xylene	0.200	0.1915		mg/Kg		96	70 - 130	
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130	

LCS LCS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-92950/2-A

**Matrix: Solid** 

**Analysis Batch: 92940** 

**Client Sample ID: Lab Control Sample Dup** 

Prep Type: Total/NA

Prep Batch: 92950

	Spike	LCSD	LCSD				%Rec		RPD
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	0.100	0.09592		mg/Kg		96	70 - 130	0	35
Toluene	0.100	0.09322		mg/Kg		93	70 - 130	0	35
Ethylbenzene	0.100	0.1026		mg/Kg		103	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1905		mg/Kg		95	70 - 130	1	35
o-Xylene	0.100	0.1047		mg/Kg		105	70 - 130	0	35

LCSD LCSD

Surrogate	%Recovery Quali	ifier Limits
4-Bromofluorobenzene (Surr)	102	70 - 130
1,4-Difluorobenzene (Surr)	99	70 - 130

Lab Sample ID: 880-49598-A-1-B MS

**Matrix: Solid** 

**Analysis Batch: 92940** 

**Client Sample ID: Matrix Spike** Prep Type: Total/NA

Prep Batch: 92950

	Sample	Sample	Spike	MS	MS				%Rec	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Benzene	<0.00140	U	0.100	0.08991		mg/Kg		90	70 - 130	
Toluene	< 0.00201	U	0.100	0.08701		mg/Kg		87	70 - 130	

**Eurofins Midland** 

Dil Fac

Client Sample ID: Matrix Spike

# **QC Sample Results**

Client: Tetra Tech Inc Job ID: 880-49629-1 Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-49598-A-1-B MS

**Prep Type: Total/NA Matrix: Solid Analysis Batch: 92940** Prep Batch: 92950 Sample Sample Spike

Sample	Sample	Spike	IVIO	IVIO				MIXEC		
Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
<0.00109	U	0.100	0.09534		mg/Kg		95	70 - 130		
<0.00229	U	0.200	0.1754		mg/Kg		88	70 - 130		
<0.00159	U	0.100	0.09700		mg/Kg		97	70 - 130		
	Result <0.00109 <0.00229	Result   Qualifier	Result         Qualifier         Added           <0.00109	Result         Qualifier         Added         Result           <0.00109	Result         Qualifier         Added         Result         Qualifier           <0.00109	Result         Qualifier         Added         Result         Qualifier         Unit           <0.00109	Result         Qualifier         Added         Result         Qualifier         Unit         D           <0.00109	Result         Qualifier         Added         Result         Qualifier         Unit         D         %Rec           <0.00109	Result         Qualifier         Added         Result         Qualifier         Unit         D         %Rec         Limits           <0.00109	<0.00109 U

MS MS

Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-49598-A-1-C MSD Client Sample ID: Matrix Spike Duplicate Prep Type: Total/NA

**Matrix: Solid** 

Analysis Petahi 02040

Analysis Batch: 92940									Prep E	satch: §	<i>3</i> 2950
	Sample	Sample	Spike	MSD	MSD				%Rec		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Benzene	<0.00140	U	0.100	0.09236		mg/Kg		92	70 - 130	3	35
Toluene	<0.00201	U	0.100	0.08969		mg/Kg		90	70 - 130	3	35
Ethylbenzene	<0.00109	U	0.100	0.09853		mg/Kg		99	70 - 130	3	35
m-Xylene & p-Xylene	<0.00229	U	0.200	0.1817		mg/Kg		91	70 - 130	3	35
o-Xylene	< 0.00159	U	0.100	0.1012		mg/Kg		101	70 - 130	4	35

MSD MSD

Surrogate	%Recovery C	(ualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sa

**Matrix**:

**Analys** 

Sample ID: MB 880-92947/1-A	Client Sample ID: Method Blank
x: Solid	Prep Type: Total/NA
rsis Batch: 93006	Prep Batch: 92947
MB MB	

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		10/10/24 09:17	10/10/24 11:48	1
Diesel Range Organics (Over	<15.1	U	50.0	15.1	mg/Kg		10/10/24 09:17	10/10/24 11:48	1
C10-C28) Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		10/10/24 09:17	10/10/24 11:48	1

MB MB

Surrogate	%Recovery	Qualifier Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112	70 - 13	<u>10/10/24 09.</u>	17 10/10/24 11:48	1
o-Terphenvl	105	70 - 13	30 10/10/24 09.	:17 10/10/24 11:48	1

Lab Sample ID: LCS 880-92947/2-A

Matrix: Solid							Prep Typ	e: lotal/NA
Analysis Batch: 93006							Prep Ba	atch: 92947
	Spike	LCS	LCS				%Rec	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics	1000	1004		mg/Kg		100	70 - 130	
(GRO)-C6-C10								
Diesel Range Organics (Over	1000	1197		mg/Kg		120	70 - 130	
C10-C28)								

**Eurofins Midland** 

**Client Sample ID: Lab Control Sample** 

Client: Tetra Tech Inc

Job ID: 880-49629-1

SDG: Eddy County, NM

### Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-92947/2-A

**Matrix: Solid** 

**Analysis Batch: 93006** 

**Client Sample ID: Lab Control Sample** 

Prep Type: Total/NA

Prep Batch: 92947

LCS LCS %Recovery Qualifier Limits Surrogate 1-Chlorooctane 102 70 - 130 o-Terphenyl 158 S1+ 70 - 130

Project/Site: Cicada Unit 051H Confitmation Sampling

**Client Sample ID: Lab Control Sample Dup** Lab Sample ID: LCSD 880-92947/3-A

**Matrix: Solid** 

**Analysis Batch: 93006** 

**Prep Type: Total/NA** 

Prep Batch: 92947

LCSD LCSD RPD %Rec Spike Analyte Added Result Qualifier Unit %Rec Limits RPD Limit Gasoline Range Organics 1000 1014 mg/Kg 101 70 - 130 1 20 (GRO)-C6-C10 Diesel Range Organics (Over 1000 1205 mg/Kg 120 70 - 130 20 C10-C28)

LCSD LCSD

Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	102		70 - 130
o-Terphenyl	155	S1+	70 - 130

Lab Sample ID: 880-49609-A-1-E MS

**Matrix: Solid** 

**Analysis Batch: 93006** 

**Client Sample ID: Matrix Spike Prep Type: Total/NA** 

Prep Batch: 92947

Sample Sample Spike MS MS %Rec Result Qualifier Added Result Qualifier Limits Analyte Unit D %Rec Gasoline Range Organics <14.5 U 996 886.9 mg/Kg 89 70 - 130 (GRO)-C6-C10 Diesel Range Organics (Over 996 <15.1 U 903.4 mg/Kg 91 70 - 130

C10-C28)

MS MS Surrogate %Recovery Qualifier Limits 1-Chlorooctane 70 - 130 107 o-Terphenyl 106 70 - 130

Lab Sample ID: 880-49609-A-1-F MSD

**Matrix: Solid** 

**Analysis Batch: 93006** 

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 92947 %Rec **RPD** 

Sample Sample Spike MSD MSD Result Qualifier Added Result Qualifier Limits **RPD** Limit Analyte Unit %Rec <14.5 U 996 877.6 88 70 - 130 20 Gasoline Range Organics mg/Kg (GRO)-C6-C10 Diesel Range Organics (Over <15.1 U 996 911.0 mg/Kg 91 70 - 130 20

C10-C28)

MSD MSD

Surrogate	%Recovery C	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	107		70 - 130

Client Sample ID: Method Blank

**Client Sample ID: Lab Control Sample** 

Client Sample ID: Lab Control Sample Dup

**Prep Type: Soluble** 

Client Sample ID: SS-1 (0.5')

Client Sample ID: SS-1 (0.5')

### QC Sample Results

Client: Tetra Tech Inc Job ID: 880-49629-1 Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-93015/1-A

**Analysis Batch: 93016** 

MB MB

Analyte Result Qualifier RL **MDL** Unit Analyzed Dil Fac D Prepared 5.00 0.395 mg/Kg 10/11/24 08:53 Chloride <0.395 U

Lab Sample ID: LCS 880-93015/2-A

**Matrix: Solid** 

**Analysis Batch: 93016** 

**Matrix: Solid** 

Spike LCS LCS %Rec Analyte Added Result Qualifier Unit D %Rec Limits Chloride 250 90 - 110 242.1 mg/Kg 97

Lab Sample ID: LCSD 880-93015/3-A

**Matrix: Solid** 

**Analysis Batch: 93016** 

Spike LCSD LCSD %Rec RPD Added Result Qualifier Limits **RPD** Limit **Analyte** Unit %Rec Chloride 250 240.6 96 90 - 110 20 mg/Kg

Lab Sample ID: 880-49629-1 MS

**Matrix: Solid** 

**Analysis Batch: 93016** 

Spike MS MS %Rec Sample Sample Analyte Result Qualifier Added Result Qualifier Unit %Rec Limits Chloride 134 249 387.0 90 - 110 mg/Kg 102

Lab Sample ID: 880-49629-1 MSD

**Matrix: Solid** 

**Analysis Batch: 93016** 

MSD MSD RPD Sample Sample Spike %Rec Analyte Result Qualifier Added Limits Result Qualifier Unit %Rec Limit Chloride 134 249 384.9 101 20 mg/Kg 90 - 110

# **QC Association Summary**

Client: Tetra Tech Inc

Job ID: 880-49629-1 Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

#### **Analysis Batch: 92940**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49629-1	SS-1 (0.5')	Total/NA	Solid	8021B	92950
880-49629-2	SS-2 (0.5')	Total/NA	Solid	8021B	92950
MB 880-92950/5-A	Method Blank	Total/NA	Solid	8021B	92950
LCS 880-92950/1-A	Lab Control Sample	Total/NA	Solid	8021B	92950
LCSD 880-92950/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	92950
880-49598-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	92950
880-49598-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	92950

#### Prep Batch: 92950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49629-1	SS-1 (0.5')	Total/NA	Solid	5035	
880-49629-2	SS-2 (0.5')	Total/NA	Solid	5035	
MB 880-92950/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-92950/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-92950/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-49598-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
880-49598-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

#### **Analysis Batch: 93051**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49629-1	SS-1 (0.5')	Total/NA	Solid	Total BTEX	
880-49629-2	SS-2 (0.5')	Total/NA	Solid	Total BTEX	

### **GC Semi VOA**

#### Prep Batch: 92947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49629-1	SS-1 (0.5')	Total/NA	Solid	8015NM Prep	
880-49629-2	SS-2 (0.5')	Total/NA	Solid	8015NM Prep	
MB 880-92947/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-92947/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-92947/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-49609-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-49609-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

#### **Analysis Batch: 93006**

<b>Lab Sample ID</b> 880-49629-1	Client Sample ID SS-1 (0.5')	Prep Type Total/NA	Matrix Solid	Method 8015B NM	Prep Batch 92947
880-49629-2	SS-2 (0.5')	Total/NA	Solid	8015B NM	92947
MB 880-92947/1-A	Method Blank	Total/NA	Solid	8015B NM	92947
LCS 880-92947/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	92947
LCSD 880-92947/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	92947
880-49609-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	92947
880-49609-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	92947

#### **Analysis Batch: 93116**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49629-1	SS-1 (0.5')	Total/NA	Solid	8015 NM	
880-49629-2	SS-2 (0.5')	Total/NA	Solid	8015 NM	

# **QC Association Summary**

Client: Tetra Tech Inc

Job ID: 880-49629-1 Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

### HPLC/IC

#### Leach Batch: 93015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49629-1	SS-1 (0.5')	Soluble	Solid	DI Leach	
880-49629-2	SS-2 (0.5')	Soluble	Solid	DI Leach	
MB 880-93015/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-93015/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-93015/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-49629-1 MS	SS-1 (0.5')	Soluble	Solid	DI Leach	
880-49629-1 MSD	SS-1 (0.5')	Soluble	Solid	DI Leach	

#### **Analysis Batch: 93016**

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-49629-1	SS-1 (0.5')	Soluble	Solid	300.0	93015
880-49629-2	SS-2 (0.5')	Soluble	Solid	300.0	93015
MB 880-93015/1-A	Method Blank	Soluble	Solid	300.0	93015
LCS 880-93015/2-A	Lab Control Sample	Soluble	Solid	300.0	93015
LCSD 880-93015/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	93015
880-49629-1 MS	SS-1 (0.5')	Soluble	Solid	300.0	93015
880-49629-1 MSD	SS-1 (0.5')	Soluble	Solid	300.0	93015

#### **Lab Chronicle**

Client: Tetra Tech Inc Job ID: 880-49629-1
Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

Client Sample ID: SS-1 (0.5')

Date Collected: 10/10/24 00:00 Date Received: 10/10/24 11:00 Lab Sample ID: 880-49629-1

Matrix: Solid

	Batch	Batch		Dil	Initial	Final	Batch	Prepared		
Prep Type	Type	Method	Run	Factor	Amount	Amount	Number	or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	92950	10/10/24 11:18	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	92940	10/10/24 13:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			93051	10/10/24 13:23	SM	EET MID
Total/NA	Analysis	8015 NM		1			93116	10/11/24 00:13	SM	EET MID
Total/NA	Prep	8015NM Prep			10.06 g	10.00 mL	92947	10/10/24 09:17	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	93006	10/11/24 00:13	TKC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	93015	10/11/24 07:45	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	93016	10/11/24 09:09	CH	EET MID

Client Sample ID: SS-2 (0.5')

Date Collected: 10/10/24 00:00 Date Received: 10/10/24 11:00 Lab Sample ID: 880-49629-2

Matrix: Solid

Batch Batch Dil Initial Final Batch Prepared Method **Prep Type** Type Run **Factor Amount** Amount Number or Analyzed **Analyst** Lab Total/NA 5035 92950 10/10/24 11:18 MNR EET MID Prep 5.01 g 5 mL Total/NA 8021B 92940 Analysis 5 mL 5 mL 10/10/24 13:44 MNR EET MID 1 Total/NA Analysis Total BTEX 1 93051 10/10/24 13:44 SM **EET MID** Total/NA 8015 NM Analysis 1 93116 10/11/24 00:29 SM **EET MID** Total/NA Prep 8015NM Prep 10.04 g 10.00 mL 92947 10/10/24 09:17 EL **EET MID** Total/NA 8015B NM 10/11/24 00:29 TKC Analysis 1 uL 1 uL 93006 **EET MID** Soluble 50 mL 93015 10/11/24 07:45 SA DI Leach 5.04 g **EET MID** Leach 300.0 10/11/24 09:25 CH Soluble Analysis 50 mL 50 mL 93016 **EET MID** 

#### **Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

# **Accreditation/Certification Summary**

Client: Tetra Tech Inc Job ID: 880-49629-1 Project/Site: Cicada Unit 051H Confitmation Sampling SDG: Eddy County, NM

### **Laboratory: Eurofins Midland**

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Progra	am	Identification Number	Expiration Date	
Texas	NELA	D	T104704400	06-30-25	
,	•		not certified by the governing authori	ty. This list may include an	
0 ,	does not offer certification  Prep Method		Analyte		
for which the agency Analysis Method 8015 NM	does not offer certification Prep Method	Matrix Solid	Analyte Total TPH		

# **Method Summary**

Client: Tetra Tech Inc

Project/Site: Cicada Unit 051H Confitmation Sampling

Job ID: 880-49629-1

SDG: Eddy County, NM

/lethod	Method Description	Protocol	Laboratory
3021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
0.00	Anions, Ion Chromatography	EPA	EET MID
035	Closed System Purge and Trap	SW846	EET MID
015NM Prep	Microextraction	SW846	EET MID
I Leach	Deionized Water Leaching Procedure	ASTM	EET MID

#### **Protocol References:**

ASTM = ASTM International

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

#### **Laboratory References:**

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

# **Sample Summary**

Client: Tetra Tech Inc

Project/Site: Cicada Unit 051H Confitmation Sampling

Job ID: 880-49629-1

SDG: Eddy County, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-49629-1	SS-1 (0.5')	Solid	10/10/24 00:00	10/10/24 11:00
880-49629-2	SS-2 (0.5')	Solid	10/10/24 00:00	10/10/24 11:00

	Relinquished by:  Relinquished by:  Relinquished by:	MARY HA	Religquished by:					SS-2	SS-1	( LAB USE )	LAB#		Comments:	Receiving Laboratory:	Invoice to:	Project Location: (county, state)	Project Name:	Client Name:	4
	Date: Time:  //////24 /057  Date: Time:	19/10/24 0700	Date: Time:				9	60			SAMPLE IDENTIFICATION		Email: john.faught1@tetratech.com; clair.gonzales@tetratech.com	y: Eurofins Laboratories	john.faught1@tetratech.com; OGA.ECS.AccountsPayable@tetratech.com	Eddy County, NM	Cicada Unit 051H Confirmation Sampling	Chevron	Tetra Tech, Inc.
	Received by:	(John ö	Received by:					←[	in haby	DATE	YEAR: 1024	SAMPLING	ch.com	Sampler Signature:	4	Project #:		Site Manager:	
		tarfet	`					-9	-	TIME WATE	R			ire:				Joh	
	Date:	10/10,	Date:					7	4	SOIL HCL		MATRIX		M. Castrejon		212C-MD-03490		John Faught	901 W Wall Street, Ste 100 Midland,Texas 79701 Tel (432) 682-4559 Fax (432) 682-3946
	Time:	124 07	Time:					7	-	HNO <sub>3</sub>		PRESERVATIVE METHOD		g H	Req # 5	03490			eet, Ste 100 as 79701 82-4559 82-3946
	100	00							$\dashv$	# CONT		_			576535				
Circle	Sampl	_					+	× :	×	BTEX 8	021B	ВТІ	EX 826	DB .		L			
(Circle) HAND DELIVERED	Sample Temperature	ONLY	AB US					× :	_	TPH 80	_	GRO	- DRO -	ORO -	MRO)		$\equiv_{i}$	,	
DEI IVE	A	•	m					$\exists$		Total Mo	etals	Ag As					_	880-49629	
	ППХ		REMARKS:							TCLP V							_ !	629 C	
FEDEX	Rush Charges Authorized Special Report Limits or T	)	RKS:		$\blacksquare$		$\blacksquare$	$\dashv$		RCI GC/MS	Vol. 8	3260B	/ 624				*	Chain of	
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Tracking #:	thorize	1	ŀ	++	++	++	++	× :	_	PLM (As Chloride			loride S	M 4500					
	rized or TRRF		ļ			$\Box$	$\Box$			Chloride	e Si	ulfate	TDS			iet)	_		
	Rush Charges Authorized  Special Report Limits or TRRP Report		ŀ				$\pm$		_	Genera Anion/C				see att	acried li	51)	= $ $		
	ort /2 hr		-	+	++	++	+	+	$\dashv$								_		
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1 1										Hold									

Released to Imaging: 12/4/2024 4:27:45 PM

## **Login Sample Receipt Checklist**

Client: Tetra Tech Inc Job Number: 880-49629-1 SDG Number: Eddy County, NM

**List Source: Eurofins Midland** 

Login Number: 49629

List Number: 1

Creator: Vasquez, Julisa

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

**Eurofins Midland** 

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# Appendix C

Site Characterization Documentation

# **Site Characterization Summary**

#### **Site Information:**

Chevron Cicada Unit #051H Eddy County, New Mexico T26S, R27E, Section 03, Unit M (32.064536°N, -104.183028°W)

#### Site Characterization:

-Medium Karst

-No significant water features within specified distances

-Groundwater 9.3' BGS 0.64 Miles Northeast of the Site. (USGS, Section 26, 1987 Sample)

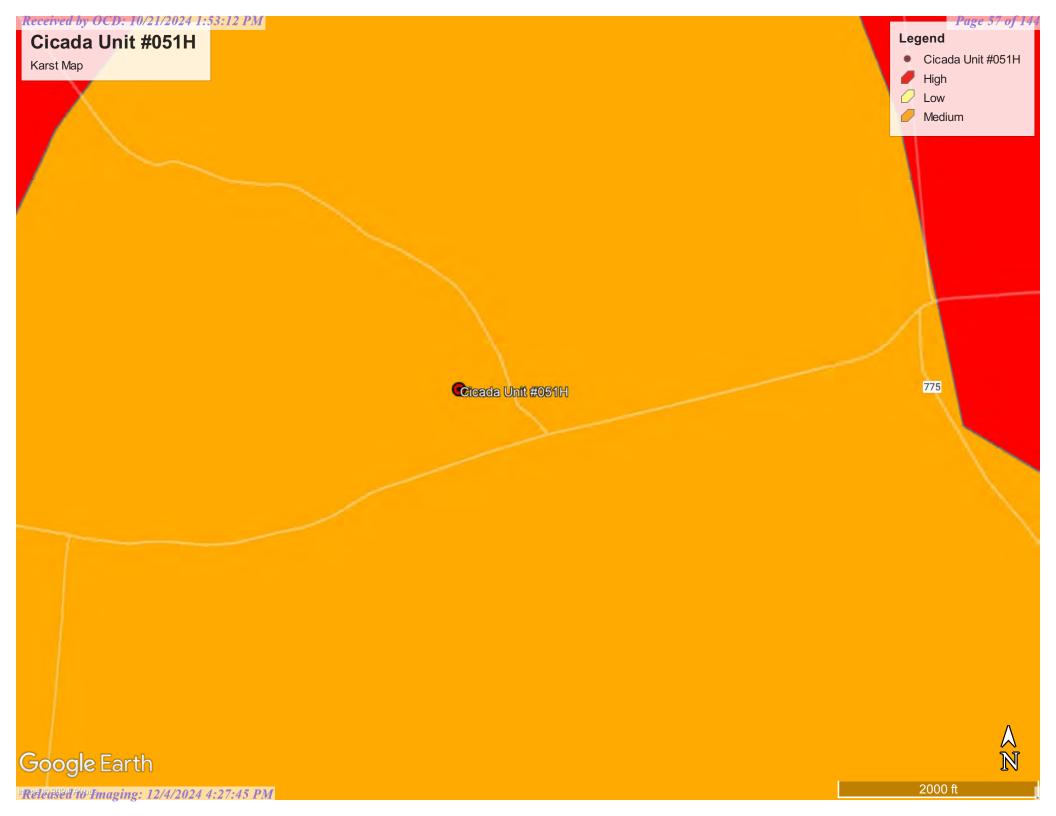
- -Groundwater 35' BGS 0.92 Miles Southeast of the site. (NMOSE, C 04573 POD1, 2021 gauging data)
- Groundwater 35' BGS 0.93 Miles Southeast of the site. (NMOSE, C 04573 POD2, 2021 gauging data)
- -Groundwater 35' BGS 0.93 Miles Southeast of the site. (NMOSE, C 04573 POD3, 2021 gauging data)

#### **RRALs:**

- -600 mg/kg Chlorides
- -100 mg/kg Total TPH
- -10 mg/kg Benzene
- -50 mg/kg Total BTEX

#### **Explanation:**

Due to inadequate groundwater information (distance further than ½ mile/data dated >25 years), Most stringent RRALs will be followed unless groundwater determination bore is drilled, and no water is found at depths of at least 55' BGS or greater.



# Received by OCD: 10/21/2024 1:53:12 PM National Flood Hazard Layer FIRMette





SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT Without Base Flood Elevation (BFE) With BFE or Depth Zone AE, AO, AH, VE, AR SPECIAL FLOOD HAZARD AREAS Regulatory Floodway 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X **Future Conditions 1% Annual** Chance Flood Hazard Zone X Area with Reduced Flood Risk due to Levee. See Notes. Zone X OTHER AREAS OF FLOOD HAZARD Area with Flood Risk due to Levee Zone D NO SCREEN Area of Minimal Flood Hazard Zone X Effective LOMRs OTHER AREAS Area of Undetermined Flood Hazard Zone D - - - Channel, Culvert, or Storm Sewer **GENERAL** STRUCTURES | LILLIL Levee, Dike, or Floodwall 20.2 Cross Sections with 1% Annual Chance 17.5 Water Surface Elevation **Coastal Transect** Base Flood Elevation Line (BFE) Limit of Study Jurisdiction Boundary **Coastal Transect Baseline** OTHER **Profile Baseline FEATURES** Hydrographic Feature Digital Data Available No Digital Data Available MAP PANELS Unmapped

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The pin displayed on the map is an approximate point selected by the user and does not represent

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 5/20/2024 at 7:00 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.





# New Mexico Office of the State Engineer Water Column/Average Depth to Water

(A CLW##### in the POD suffix indicates the POD has been replaced & no longer serves a water right file.) (R=POD has been replaced, O=orphaned, C=the file is

closed)

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest) (I

(NAD83 UTM in meters) (In feet)

	POD												
	Sub-		QC	Q							Depth	Depth	Water
POD Number	Code basin	County	64 10	6 4	Sec	Tws	Rng	Х	Y	Distance	Well	Water	Column
C 04573 POD1	CUB	ED	3 1	1	11	26S	27E	578524	3547472 🌍	1474	104	35	69
C 04573 POD2	CUB	ED	3 1	1	11	26S	27E	578565	3547561 🎒	1490	104	35	69
C 04573 POD3	CUB	ED	4 1	1	11	26S	27E	578584	3547602 🎒	1500	100	36	64

Average Depth to Water: 35 feet

Minimum Depth: 35 feet

Maximum Depth: 36 feet

**Record Count: 3** 

**Basin/County Search:** 

County: Eddy

UTMNAD83 Radius Search (in meters):

**Easting (X):** 577112.452 **Northing (Y):** 3547896.806 **Radius:** 1600

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



# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

 Well Tag
 POD Number
 Q64 Q16 Q4 Sec
 Tws
 Rng

 NA
 C 04573 POD1
 3 1 1 11 26S 27E

X Y

C 04573 POD1 3 1 1 11 26S 27E 578524

3547472

**Driller License:** 1456 **Driller Company:** WHITE DRILLING COMPANY

**Driller Name:** WHITE, JOHNNOWN.IGENER

**Drill Start Date:** 10/21/2021 **Drill Finish Date:** 10/21/2021 **Plug Date:** 

**Log File Date:** 11/19/2021 **PCW Rcv Date:** Source: Shallow

Pump Type: Pipe Discharge Size: Estimated Yield:

Casing Size: Depth Well: 104 feet Depth Water: 35 feet

Water Bearing Stratifications: Top Bottom Description

63 64 Other/Unknown

72 87 Sandstone/Gravel/Conglomerate

87 104 Limestone/Dolomite/Chalk

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

5/20/24 5:16 PM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag POD Number Q64 Q16 Q4 Sec

X

NA C 04573 POD2

**Q64 Q16 Q4 Sec Tws Rng** 3 1 1 11 26S 27E

578565 3547561

WHITE DRILLING COMPANY

Driller License:
Driller Name:

WHITE, JOHNNOWN.IGENER

10/20/2021 Plug Date:

Drill Start Date: Log File Date: 10/20/2021 11/19/2021

1456

**Drill Finish Date: PCW Rcv Date:** 

**Driller Company:** 

10/20/2021

Source: Shallow

Pump Type:

Pipe Discharge Size:

**Estimated Yield:** 

Casing Size:

Depth Well:

104 feet

Depth Water:

35 feet

Water Bearing Stratifications:	Top	Bottom	Description
	8	55	Other/Unknown
	55	60	Sandstone/Gravel/Conglomerate
	60	80	Sandstone/Gravel/Conglomerate
	80	104	Sandstone/Gravel/Conglomerate

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

5/20/24 5:17 PM

POINT OF DIVERSION SUMMARY



# New Mexico Office of the State Engineer

# **Point of Diversion Summary**

(quarters are 1=NW 2=NE 3=SW 4=SE)

(quarters are smallest to largest)

(NAD83 UTM in meters)

Well Tag **POD Number** Q64 Q16 Q4 Sec Tws Rng  $\mathbf{X}$ 

C 04573 POD3 NA 26S 27E 11

578584 3547602

**Driller License:** 1456 **Driller Company:** WHITE DRILLING COMPANY

**Driller Name:** WHITE, JOHNNOWN.IGENER

**Drill Start Date:** 10/21/2021 **Drill Finish Date:** 10/21/2021 Plug Date:

Log File Date: 11/19/2021 **PCW Rcv Date:** Shallow Source:

**Pipe Discharge Size: Pump Type: Estimated Yield:** 

**Casing Size:** Depth Well: 100 feet Depth Water: 36 feet

Water Bearing Stratifications:	Top	Bottom	Description
	24	50	Other/Unknown
	50	53	Sandstone/Gravel/Conglomerate
	53	60	Shale/Mudstone/Siltstone
	60	100	Limestone/Dolomite/Chalk

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

5/20/24 5:18 PM

POINT OF DIVERSION SUMMARY



**USGS Home Contact USGS** Search USGS

**National Water Information System: Web Interface** 

**USGS** Water Resources

Data Category: Groundwater United States GO

#### Click to hideNews Bulletins

- Explore the NEW <u>USGS National Water Dashboard</u> interactive map to access real-time water data from over 13,500 stations nationwide.
- Full News

Groundwater levels for the Nation

Important: Next Generation Monitoring Location Page

#### Search Results -- 1 sites found

Agency code = usgs

site\_no list =

• 320409104102001

#### Minimum number of levels = 1

Save file of selected sites to local disk for future upload

#### USGS 320409104102001 26S.27E.05.44233

Eddy County, New Mexico Latitude 32°04'09", Longitude 104°10'20" NAD27 Land-surface elevation 3,245 feet above NAVD88

This well is completed in the Other aquifers (N9999OTHER) national aquifer.

This well is completed in the Castile Formation (312CSTL) local aquifer.

#### **Output formats**

Table of data	
Tab-separated data	
Graph of data	
Reselect period	

Date	Time	? Water- level date- time accuracy	? Parameter code	Water level, feet below land surface	Water level, feet above specific vertical datum	Referenced vertical datum	? Status	? Method of measurement	? Measuring agency	? Source measur
1948-12-03		D	62610		3230.90	NGVD29	1	Z		
1948-12-03		D	62611		3232.53	NAVD88	1	Z		
1948-12-03		D	72019	12.47			1	Z		
1978-01-03		D	62610		3229.32	NGVD29	1	Z		
1978-01-03		D	62611		3230.95	NAVD88	1	Z		
1978-01-03		D	72019	14.05			1	Z		
1983-01-25		D	62610		3232.62	NGVD29	1	Z		
1983-01-25		D	62611		3234.25	NAVD88	1	Z		
1983-01-25		D	72019	10.75			1	Z		
1987-10-08		D	62610		3234.24	NGVD29	1	Z		
1987-10-08		D	62611		3235.87	NAVD88	1	Z		
1987-10-08		D	72019	9.13			1	Z		

Ex	pΙ	a	na	at	io	n

Section	Code	Description				
Water-level date-time accuracy	D	Date is accurate to the Day				

Section	Code	Description
Parameter code	62610	Groundwater level above NGVD 1929, feet
Parameter code	62611	Groundwater level above NAVD 1988, feet
Parameter code	72019	Depth to water level, feet below land surface
Referenced vertical datum	NAVD88	North American Vertical Datum of 1988
Referenced vertical datum	NGVD29	National Geodetic Vertical Datum of 1929
Status	1	Static
Method of measurement	Z	Other.
Measuring agency		Not determined
Source of measurement		Not determined
Water-level approval status	А	Approved for publication Processing and review completed.

**Questions or Comments** <u>Automated retrievals</u> <u>Help</u> Data Tips Explanation of terms
Subscribe for system changes <u>News</u>

Accessibility FOIA Privacy Policies and Notices

U.S. Department of the Interior | U.S. Geological Survey Title: Groundwater for USA: Water Levels

URL: https://nwis.waterdata.usgs.gov/nwis/gwlevels?

Page Contact Information: <u>USGS Water Data Support Team</u> Page Last Modified: 2024-05-20 19:05:29 EDT

0.28 0.24 nadww01



**National Water Information System: Mapper** 

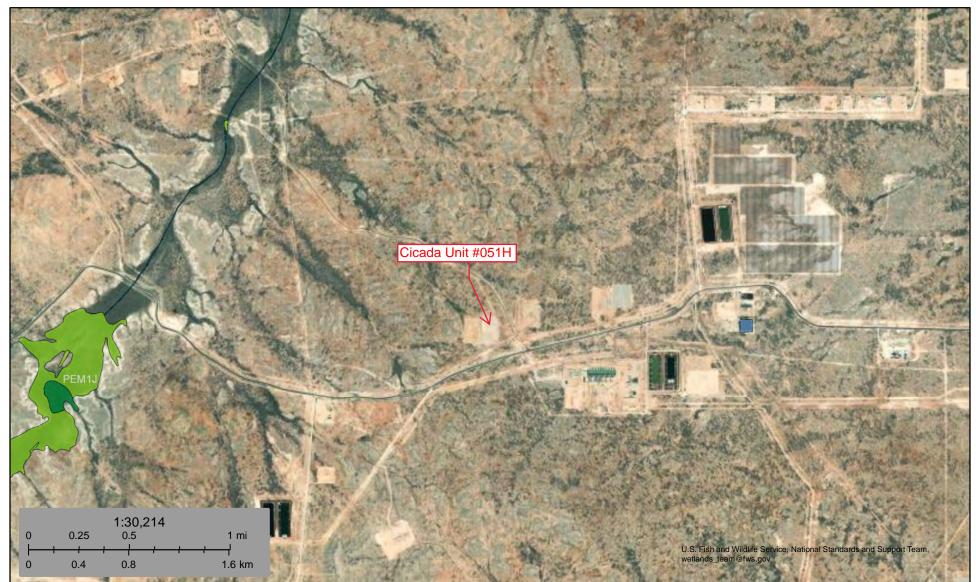








# Cicada Unit #051H



May 21, 2024

#### Wetlands

Estuarine and Marine Deepwater

Estuarine and Marine Wetland

Freshwater Emergent Wetland

Freshwater Forested/Shrub Wetland

Freshwater Pond



Lake





This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.



# Appendix D

**Waste Manifests** 

SOLD TO	ce		-	SHIP TO						
OOLD TO	CHEVRO	ON		Orin 10	CICADA L	JNIT #51H				
ADDRESS	CHEVRON S LINCOLN KENNEDY ATE, ZIP MER ORDER NO. SOLD BY R360 RED BLUFF RED SHIPPED DESCRIPTION		ADDRESS	30-015-	j-49001					
CITY, STATE, Z	IP			CITY, STATE, ZIF						
CUSTOMER C	RDER NO.		TERMS		F.O.B.		DATE	10/08		
ORDERED	SHIPPED	DESCRIPTI	ON			PRICE	UNIT	AMOUNT		
20			ER		11300	505	3 US Hig	tions -Red Blu hway 285 (432) 448-423		
		Truck# M. 9	0				P	Stol		
		Transporter MCNABB	PARTNERS			1				

adams 5840

# 689169

SOLD TO	CHEVRO	N		SHIP TO	ICADA UI	NIT #51H			
ADDRESS		I KENNEDY		ADDRESS	30-015-4	9001			
CITY, STATE, Z	IP			CITY, STATE, ZIF					
CUSTOMER (	ORDER NO.	R360 RED BLUFF	TERMS		F.O.B.		DA	O/	8
ORDERED	SHIPPED	DESCR	IPTION			PRICE	UNIT		AMOUNT
20	YRDS	Driver Andrew M	Cichaid Rishal		R360 E		US Hig	hway 2	
		Transporter MCNAB	B PARTNERS				f	(F	Ph

857886

HIVE												
SOLD TO	CHEVRO	N			SHIP TO CICADA UNIT #51H							
ADDRESS	LINCOLN		EDY		ADDRESS 30-015-49001							
ITY, STATE, Z					CITY, STATE, ZIP							
CUSTOMER C	ORDER NO.		R360 RED BLUFF	TERMS		F.O.B.		DATE	0/08/24			
ORDERED	SHIPPED		DESCRIPTION				PRICE	UNIT	AMOUNT			
20 YRDS BACK FILL  Driver I U MEN  Truck# M-96			R360 Environmetal Solutio 5053 US Highw Orla, TX 79770 (43				way 285					
		Tra	ansporter MCNABB PAF	RTNERS				1/2	Staff			

# nvoice

IIIVOI							-	-	_			
SOLD TO	CHEVIDO	N		SHIP TO CICADA UNIT #51H								
IDDRESS	CHEVRO	KENNEDY		ADDRESS 30-015-49001								
ITY, STATE, Z	P	ACIVIALO		CITY, STATE, ZIP								
CUSTOMER O	RDER NO.	SOLD BY R360 RED BLUFF	TERMS		F.O.B.		DA	TE	8/2	H		
ORDERED	SHIPPED	DESCRI	IPTION			PRICE	UNIT	1	AMOUN"	,		
20 YRDS BACK FILL  Driver Andre			Frey Richards				US Hig 79770			39		
		Truck#M79						OV	de de	<i>J</i>		
							1	M	7	7		
		Transporter MCNAB	B PARTNERS									

		CHEV MC							
		Carlsba	d, NM						
NO #	CAR- 7656 NON-HAZAR	RDOUS WASTE	MANIFES	Γ 1. PA	GEOF	2. TRAIL	ER NO.		
G	3. COMPANY NAME  CHEVRON CARLSBAD PHONE NO.		5. PICK-UP DATE ZIP 6.						
E	575-887-5676 CARLSBAD, NM 882 7. NAME OR DESCRIPTION OF WASTE SHIPPED:				8. CONTAINERS 9. TOTAL 10. UNIT 11.				
N	a Dict			No.	Туре	QUANTITY	WT/Vol.		
E	b. API: 3001549001								
R	d. UCRE 14700  12. COMMENTS OR SPECIAL INSTRUCTIONS:					13 WASTED	DOEII E N	IO.	
A							KOPILE P	NO.	
T	24-HOUR EMERGENCY NO. CHEVRON CARLSBAD  24-HOUR EMERGENCY NO. 575-887-5676  15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.								
o									
R	PRINTED TYPED NAME KIFL SIGNATURE  DATE							DATE	
T R A N S	IN CASE OF EMERGENCY CONTACT:	IN CASE OF EMERGENCY CONTACT:							
P	EMERGENCY PHONE: EMERGENC								
R T E R	18. TRANSPORTER (1): Acknowledgment  PRINTED/TYPED NAME ACIS MAY DERE	19. TRANSPORTER (2): Acknowledgment of receipt of material  PRINTED/TYPED NAME HCIE MAY DERRY  SIGNATURE (2): Acknowledgment of receipt of material  PRINTED/TYPED NAME HCIE MAY DERRY DATE / 10 24							
D F I A S C P I O L S I A T L Y	R360 Environmental Solutions 5053 US Hwy 285 Orla, TX 79779					PHONE: 432-448-4235			
	PERMIT NO. <b>STF-06</b> 5	20. COMMENTS							
	21. <b>DISPOSAL FACILITY'S CERTIFICATION:</b> I Hereby certify that the above described wastes were delivered to this facility, that the facility is authorized and permitted to receive such wastes.								
	AUTHORIZED SIGNATURE	CELL NO.		DATE	DATE TIME 10-52				

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

R360	EXAS NON-HAZARDOUS OIL		Service of Percentage of the	Name
ENVIRONMENTAL SOLUTIONS	(PLEASE P	KIN1) *REQUIREI	D INFORMATION*	Phone No. 48 7 51 7
Operator No.		Permit/RRC No.	ON sinuse address for the number where the	347043 thA
Operators Name Address	d number. It offshore, provide the DCS.	Lease/Well Name & No. County	icada s	Lous / Well Named
ity, State, Zip	Li numbor and worr hame or or the Engineer Drope of Disputer	API No. Rig Name & No. AFE/PO No.	00 154900	API No Plovida Ina Ame Mig Nama & No Provida APEPO No Provida ein
EXEMPT E&P Waste	/Service Identification and Amount (pla			
Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectabl Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY	The second second	OTHER EXEMPT WASTI	ES (type and generation process of the wa
Gas Plant Waste  WASTE GENERATION PROCESS: DRILLIN	Truck Washout (exempt waste) G COMPLETION	☐ PRODUCTION	□ GATHI	ERING LINES
	NON-EXEMPT E&P Waste/Service	e Identification and Amount		
All non-exempt E&P was  Non-Exempt Other	e must be analysed and be below threshold	limits for toxicity (TCLP), Igr	nitability, Corrosivity adn F From <b>Non-Exempt Waste</b>	
QUANTITY	B-BARRELS MALEW	or the dever having the	Y-YARE	DS E-EACH
hereby certify that the above listed material(s), is (are) not ackaged, and is in proper condition for transportation according to the condition of transportation according to the condition of	nazardous waste as defined by 40 CFR Part 2	261 or any applicable state I		
(PRINT) AUTHORIZED AGENTS SIGNATURE	DATE TRANSPO	RTER river's Name	SIGNATURE MAN	er (Provide Description Below)
one No.	W	uck No. ———————————————————————————————————	735	ener Bandid Collings * Warer Based Cell Cuttings
ereby certify that the above named material(s) was/were parely shipment date.	ricked up at the Generator's site listed above	and delivered without incid -	ACTE MI	/ listed below.  DRIVER'S SIGNATURE
TRUCK TIME STAMP N: 10 5 2 A- OUT:	DISPOSAL FA		RECEI\ Name/No	VING AREA
Red Bluff Facility / STF-065 dress Red Bluff Facility / STF-065 5053 US Hwy 285, Orla, TX	79770 Ph	mbytob maig aatje **	148-4239	betrage in injected see the transfer and betrage and b
NORM READINGS TAKEN? (Circle O	invariant sult or to a compare NO	YES, was reading > 50 m ORM (mR/hr)	icro roentgents? (Circle	One) YES NO
Feet	Inches TANK BOTT	OMS	anodweenbys na r	lave efeireren betelunjung =
Guage di Guage ceived	media, and ale median and line is transfer to mediane and line is no exempt to use assembly	Fre	Received ee Water Received	BS&W (%)
ereby certify that the above load material has been (circle o	ACCEPTED DENIE			SIGNATURE
Released to Imaging: 12/4/2024 4:27:4 499-0492 White - DRIG	5 PM NAL Blue- TRANSPORTER	R Yellow - G	ENERATOR	308.R360-51

		CHEV MC						
		Carlsba	d, NM					
NO #	CAR- 7664 NON-HAZAI	RDOUS WASTE	MANIFEST	Γ 1. PA	GEOF	2. TRAII	ER NO.	
G	3. COMPANY NAME  CHEVRON CARLSBAD	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	LOMAS DR.		6	PICK-UP DAT	10.10	1.24
E	PHONE NO. 575-887-5676	CARLSB	STATE SAD, NM 882	220	ZIP 6.	LO TOTAL	I o TDTT	Lin.
	7. NAME OR DESCRIPTION OF WASTE SH	IPPED:		No.	Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
N	a. Dirt					20		
E	6. Cicada 51H	/						
	d. 111 25 11700	300 [						
R	d. UCRE14700  12 COMMENTS OR SPECIAL INSTRUCTION	NIS-				13. WASTE F	PROFILE N	IO
A	(575)98830	70				IS, WASTER	KOTTEET	.0.
	14. IN CASE	OF EMERGENCY	OR SPILL, CO	ONTAC	T	24 HOUR	EMERGE	NCV NO
T	CHEVRON CARLSBAD						-887-56	
o	15. GENERATOR'S CERTIFICATION	: Hereby declare that the	contents of this c	onsignme	ent are full	y and accurate	ly describe	d above.
R	PRINTED TYPED NAME KENNY Tuaky	KTFL	SIGNATURE	7	5	7_		DATE
T R A N	16. TRANSPORTER (1) NAME M		NAME	TR	ANSPO	RTER (2)		
S P O	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		IN CASE OF E			NTACT:		
R T E R	PRINTED/TYPED NAME ACIE MAY DECK	of receipt of material  ONDERRY  DATE/0-/3-74	19. TRANSP PRINTED/TYPE SIGNATURE		//	M	YPER	of material (1)
D F	R360 Environmental Solutions 5053 US Hwy 285 Orla, TX 79779	ADDRESS:				PHONE:		
S C P I O L	PERMIT NO.		20. COMMENT	S				
S I A T	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive su		ify that the above	describe	d wastes w	ere delivered t	to this facil	ity, that the
LY	AUTHORIZED SIGNATURE		CELL NO.		DATE U	10.24	TIM 12	e 46p-
	// / ()	1.17		0.1.5		Visit V		

GENERATOR: COPY 1

TRANSPORTER: COPY 2

Received by OCD: 10/21/		/PLEAO	E DDINITY *DECLUS	DED INCODA (ATICA)	Name / LEAR
VIRONMENTAL		(PLEAS	E PRINT) *REQUIF	RED INFORMATION	N* 375 988 3 P 7 H
perator No.		GENE	RATOR Permit/RRC No.	a representation of	NO. 330499
0.1	R D J manura 2000	number II attala a plavide th	Lease/Well Name & No.	Cicada	51 Harman
Idress	asanjun kistili	Bus Grand Bio Florid name and some son of the control of the contr	County API No.	300154	9001
ty, State, Zip		ormer Hate tien sudmin. On (CPI) to bid to part and the co	Rig Name & No AFE/PO No	DERE	141700 (2036
		vice Identification and Amount			
I Based Muds I Based Cuttings 'ater Based Muds 'ater Based Cuttings oduced Formation Solids nk Bottoms kP Contaminated Soil	Was Com Proc Gati	N-INJECTABLE WATERS shout Water (Non-Injectable) npletion Fluid/Flow Back (Non-Injectable) duced Water (Non-Injectable) thering Line Water/Waste (Non-Inje ERNAL USE ONLY		BENY J	ASTES (type and generation process of the
as Plant Waste	Control of the last of the las	ck Washout (exempt waste)	NEW MEMORITOR TO BE AN	ma ni aliiwhenge	
ASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTIO	ON G	ATHERING LINES
All	non-exempt E&P waste mu	NON-EXEMPT E&P Waste/Se ust be analysed and be below thres	ervice Identification and Amo hold limits for toxicity (TCLP).	unt , Ignitability, Corrosivity :	adn Reactivity.
n-Exempt Other		<b>100</b> 0000000000000000000000000000000000	*please selec	t from <b>Non-Exempt W</b>	aste List on back
ANTITY	B-	-BARRELS Dizen	vary problem residing year	-Yirsi A Clark name	YARDS E-EACH
RCRA EXEMPT:  RCRA NON-EXEMPT:	per load basis only) Oil field waste which is 40 CFR 261.21-261.24,	s non-hazardous that does not exce or listed hazardous waste as define us is attached. (Check the appropria	ed the minimum standards for	or waste hazardous by ch	exempt waste (R360 Accepts certification haracteristics established in RCRA regulation of the regulati
RCRA NON-EXEMPT:	per load basis only) Oil field waste which is 40 CFR 261.21-261.24, waste as non-hazardou MSDS Information	s non-hazardous that does not exce or listed hazardous waste as defin us is attached. (Check the appropria RCRA H	ed the minimum standards for ed by 40 CFR, part 261, subpa te items as provided) azardous Waste Analysis	or waste hazardous by cl art D, as amended. The f	haracteristics established in RCRA regul following documentation demonstrating Other (Provide Description Below)
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE	per load basis only) Oil field waste which is 40 CFR 261.21-261.24, waste as non-hazardou	s non-hazardous that does not exce or listed hazardous waste as define us is attached. (Check the appropria	ed the minimum standards for the dead of the minimum standards for the minimum standar	or waste hazardous by cl art D, as amended. The f	haracteristics established in RCRA regul following documentation demonstrating
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  INSPORTER'S  INC.	per load basis only)  Oil field waste which is  40 CFR 261.21-261.24, waste as non-hazardou  MSDS Information  D AGENTS SIGNATURE	s non-hazardous that does not exce or listed hazardous waste as defini is is attached. (Check the appropria RCRA H	ed the minimum standards for the d by 40 CFR, part 261, subparte items as provided) azardous Waste Analysis	or waste hazardous by cl art D, as amended. The f	haracteristics established in RCRA regul following documentation demonstrating Other (Provide Description Below)
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  INSPORTER'S  INC.	per load basis only) Oil field waste which is 40 CFR 261.21-261.24, waste as non-hazardou MSDS Information	s non-hazardous that does not exce or listed hazardous waste as define is is attached. (Check the appropria RCRA H	ed the minimum standards for the d by 40 CFR, part 261, subparte items as provided) azardous Waste Analysis  PORTER  Driver's Name Phone No.	or waste hazardous by cl art D, as amended. The f	haracteristics established in RCRA regul following documentation demonstrating Other (Provide Description Below)
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  ISSPORTEr'S  ne ress  ne No.	per load basis only)  Oil field waste which is 40 CFR 261.21-261.24, waste as non-hazardou MSDS Information	s non-hazardous that does not exce or listed hazardous waste as define is is attached. (Check the appropria RCRA H	ed the minimum standards food by 40 CFR, part 261, subposite items as provided) azardous Waste Analysis  PORTER  Driver's Name Phone No. Truck No. WHP No.	or waste hazardous by chart D, as amended. The formal state of the sta	haracteristics established in RCRA regul following documentation demonstrating Other (Provide Description Below)
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  ISPORTER'S  ne ress  ne No.  eby certify that the above named r	DAGENTS SIGNATURE  DAGENTS SIGNATURE  DAGENTS SIGNATURE	s non-hazardous that does not exce or listed hazardous waste as define is a stached. (Check the appropria RCRA H  DA  TRANSF	ed the minimum standards for the dot by 40 CFR, part 261, subparted items as provided) azardous Waste Analysis  TE  PORTER  Driver's Name Phone No. Truck No. WHP No. bove and delivered without items as provided)  Truck No.	or waste hazardous by chart D, as amended. The formal state of the sta	haracteristics established in RCRA regul following documentation demonstrating Other (Provide Description Below)
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RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  ISPORTE'S  THE NO.  Eby certify that the above named response to the control of the contr	DRIVER'S STAMP	s non-hazardous that does not exce or listed hazardous waste as define is a stached. (Check the appropria RCRA H  DA  TRANSF	ed the minimum standards for the dot by 40 CFR, part 261, subparted items as provided) azardous Waste Analysis  TE  PORTER  Driver's Name Phone No. Truck No. WHP No. bove and delivered without in the delivered with the delivered without in the delivered without in the de	or waste hazardous by chart D, as amended. The formal state of the sta	haracteristics established in RCRA regul following documentation demonstrating Other (Provide Description Below)
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  INSPORTER'S  INSPORT	DAGENTS SIGNATURE  DAGENTS SIGNATURE  DAGENTS SIGNATURE  DRIVER'S STAMP  T.  Control of the cont	s non-hazardous that does not exce or listed hazardous waste as define is a stached. (Check the appropria RCRA H  DA  TRANSF  d up at the Generator's site listed a  SIGNATURE  DISPOSAL	ed the minimum standards for the drop of t	or waste hazardous by chart D, as amended. The formal state of the sta	haracteristics established in RCRA regul following documentation demonstrating  Other (Provide Description Below)  GNATURE  acility listed below.  DRIVER'S SIGNATURE  CCEIVING AREA
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  ISPORTER'S INC.  SHIPMENT DATE  TRUCK TIME ST  OUT  Name/ nit No.  Red Bluff F  5053 US Hy	DRIVER'S S  TAMP  T:  Date load basis only)  Oil field waste which is 40 CFR 261.21-261.24, waste as non-hazardou MSDS Information  DAGENTS SIGNATURE  DRIVER'S S  TAMP  T:  Tacility / STF-065  Ny 285, Orla, TX 797	s non-hazardous that does not exce or listed hazardous waste as define is a strached. (Check the appropria RCRA H  DA  TRANSF  d up at the Generator's site listed a  SIGNATURE  DISPOSAL	ed the minimum standards for the drop of t	sic state hazardous by chart D, as amended. The first D, as a manufacture D,	haracteristics established in RCRA reguloslowing documentation demonstrating Other (Provide Description Below)  SNATURE  acility listed below.  DRIVER'S SIGNATURE  CCEIVING AREA
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  ISPORTER'S INC.  SHIPMENT DATE  TRUCK TIME ST  OUT  Name/ nit No.  Red Bluff F  5053 US Hy	DAGENTS SIGNATURE  DAGENTS SIGNATURE  DAGENTS SIGNATURE  DRIVER'S STAKEN? (Circle One)	s non-hazardous that does not exce or listed hazardous waste as define is a stached. (Check the appropria RCRA H  DA  TRANSF  d up at the Generator's site listed a  SIGNATURE  DISPOSAL	ed the minimum standards for the dot by 40 CFR, part 261, subparted items as provided) azardous Waste Analysis  TE  PORTER  Driver's Name Phone No. Truck No. WHP No. bove and delivered without in the delivered without in	or waste hazardous by chart D, as amended. The formal of the following section of the following	haracteristics established in RCRA regulollowing documentation demonstrating Other (Provide Description Below)  SINATURE  CELVING AREA  Circle One) YES NO
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  INSPORTER'S INC.  SHIPMENT DATE  TRUCK TIME ST  OUT  Name/ nit No.  Red Bluff F  5053 US H  NORM READING	DAGENTS SIGNATURE  DAGENTS SIGNATURE  DAGENTS SIGNATURE  DRIVER'S STAMP  T.  Cacility / STF-065  Wy 285, Orla, TX 797  GS TAKEN? (Circle One)	s non-hazardous that does not exce or listed hazardous waste as define is a strached. (Check the appropria  TRANSF  DA  TRANSF  DISPOSAL  TO  YES  NO  TANK BO	ed the minimum standards for the dot by 40 CFR, part 261, subparted items as provided) azardous Waste Analysis  TE  PORTER  Driver's Name Phone No. Truck No. WHP No. bove and delivered without in the control of the c	or waste hazardous by chart D, as amended. The formal of the following section of the following	haracteristics established in RCRA regulollowing documentation demonstrating  Other (Provide Description Below)  SINATURE  Cacility listed below.  DRIVER'S SIGNATURE  CCEIVING AREA
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  INSporter'S INE	DAGENTS SIGNATURE  DAGENTS SIGNATURE  DAGENTS SIGNATURE  DRIVER'S STAMP  T.  Cacility / STF-065  Wy 285, Orla, TX 797  GS TAKEN? (Circle One)	s non-hazardous that does not exce or listed hazardous waste as define is is attached. (Check the appropria  RCRA H  DA  TRANSF  d up at the Generator's site listed a  SIGNATURE  DISPOSAL  70  YES  NO	ed the minimum standards for ad by 40 CFR, part 261, subparte items as provided) azardous Waste Analysis  TE  PORTER  Driver's Name Phone No.  Truck No.  WHP No. bove and delivered without it  DELIVERY DATE  FACILITY  Phone No.  If YES, was reading > 5  NORM (mR/hr)	or waste hazardous by chart D, as amended. The formal of the following section of the following	haracteristics established in RCRA regulollowing documentation demonstrating Other (Provide Description Below)  SNATURE  CEIVING AREA  Circle One) YES NO
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  Insporter's ne liress  Ine No.  eby certify that the above named re  SHIPMENT DATE  TRUCK TIME ST  U.  OUT  Name/ nit No.  ress  Red Bluff F  5053 US H  NORM READING  Guage  Guage  Guage	DAGENTS SIGNATURE  DAGENTS SIGNATURE  DAGENTS SIGNATURE  DRIVER'S STAMP  T.  Cacility / STF-065  Wy 285, Orla, TX 797  GS TAKEN? (Circle One)	s non-hazardous that does not exce or listed hazardous waste as define is a strached. (Check the appropria  TRANSF  DA  TRANSF  DISPOSAL  TO  YES  NO  TANK BO	ed the minimum standards for the dot by 40 CFR, part 261, subparted items as provided) azardous Waste Analysis  TE  PORTER  Driver's Name Phone No. Truck No. WHP No. bove and delivered without in the provided of the provided items as provided ite	r waste hazardous by chart D, as amended. The find the fi	haracteristics established in RCRA regulollowing documentation demonstrating Other (Provide Description Below)  SNATURE  acility listed below.  CEIVING AREA  Circle One) YES NO
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  INSPORTER'S INC.  SHIPMENT DATE  TRUCK TIME ST  OUT  Name/ INIT No.  Red Bluff F  5053 US H  NORM READING	DRIVER'S STAKEN? (Circle One)	s non-hazardous that does not exce or listed hazardous waste as define is is attached. (Check the appropria  RCRA H  TRANSF  d up at the Generator's site listed a  SIGNATURE  DISPOSAL  TANK BO  Inches	ed the minimum standards for ad by 40 CFR, part 261, subparte items as provided) azardous Waste Analysis  TE  PORTER  Driver's Name Phone No. Truck No. WHP No. bove and delivered without it  DELIVERY DATE  FACILITY  Phone No.  If YES, was reading > 5 NORM (mR/hr)  TTOMS  BS8	r waste hazardous by chart D, as amended. The find the fi	haracteristics established in RCRA regulollowing documentation demonstrating  Other (Provide Description Below)  SINATURE  CEIVING AREA  DRIVER'S SIGNATURE  CIrcle One) YES NO
RCRA NON-EXEMPT:  (PRINT) AUTHORIZE  Insporter's ne liress  IN INDICATE  TRUCK TIME ST  IN INDICATE  Red Bluff F  5053 US H  NORM READING  Guage Guage Gived  Feet	DRIVER'S STAKEN? (Circle One)	s non-hazardous that does not exce or listed hazardous waste as define is is attached. (Check the appropria  RCRA H  TRANSF  d up at the Generator's site listed a  SIGNATURE  DISPOSAL  TANK BO  Inches	ed the minimum standards for ad by 40 CFR, part 261, subparte items as provided) azardous Waste Analysis  TE  PORTER  Driver's Name Phone No. Truck No. WHP No. bove and delivered without it  DELIVERY DATE  FACILITY  Phone No.  If YES, was reading > 5 NORM (mR/hr)  TTOMS  BS8	r waste hazardous by chart D, as amended. The find the fi	haracteristics established in RCRA regulollowing documentation demonstrating  Other (Provide Description Below)  SINATURE  CEIVING AREA  DRIVER'S SIGNATURE  CIrcle One) YES NO

	CHEV MC						
	Carlsb	ad, NM					
NO #	CAR- 7666 NON-HAZARDOUS WASTE	MANIFEST	1. PA	GEOF	2. TRAILI	ER NO.	
G	PHONE NO. CITY	LOMAS DR. STATE		5. F ZIP 6.	PICK-UP DATE	10.2	¥
E	575-887-5676 CARLS  7. NAME OR DESCRIPTION OF WASTE SHIPPED:	BAD, NM 882		TAINERS	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
N	a. Dirt				20		
E	· Cicada 51 H · AP1 = 3001549001						
R	d. UCRE14700						
A	12. COMMENTS OR SPECIAL INSTRUCTIONS: (575) 988-3070				13. WASTE PI	ROFILE N	O.
T	CHEVRON CARLSBAD	OR SPILL, CO	ONTAC	CT	24-HOUR F 575-	EMERGE 887-56	
o	15. GENERATOR'S CERTIFICATION: Hereby declare that the	e contents of this co	onsignm	ent are full	y and accurately	y describe	d above.
R	PRINTED TYPED NAME KTFL	SIGNATURE		5	2		DATE
T R A N S P	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:	IN CASE OF E	MERGE	ENCY CON	RTER (2)		
R T E R S	18. TRANSPORTER (1): Asknowledgment of receipt of material  PRINTED/TYPED NAME  **LIE AND ERRY   18-10-24  SIGNATURE DATE	19. TRANSP		1	E MA	freceipt o	f material
D F	ADDRESS:				PHONE:		
S C P I O L	PERMIT NO.	20. COMMENT	S				
S I A T L Y	21. DISPOSAL FACILITY'S CERTIFICATION: 1 Hereby certacility is authorized and permitted to receive such wastes.  AUTHORIZED SIGNATURE	CELL NO.	describe	d wastes w	vere delivered to	this facili	
	Longs.			loi	10/24	THVII	

GENERATOR: COPY I

TRANSPORTER: COPY 2

Received by OCD: 10/21/2024 1:53  PRISOLUTIONS  Permian Basin	Customer #:	KENNY TUCKER  HW-703920	Bid #: Date: Generator: Generator #: Well Ser. #:	
Facility: CRI				
Product / Service	Maria Com	Quantity U	nits	
Contaminated Soil (RCRA Exem	pt)	20.00		
I hereby certify that according to the R 1988 regulatory determination, the about X RCRA Exempt: Oil Field wastes gareness. RCRA Non-Exempt: Oil field was characteristics established in RCRA reamended. The following documentation MSDS Information RCRA R	ove described wa generated from oi ste which is non-legulations, 40 CF on is attached to	ste is: il and gas exploration and production hazardous that does not exceed the mi R 261.21-261.24 or listed hazardous w	operations and nimum standar vaste as defined te is non-hazard	are not mixed with non-exempt wa ds for waste hazardous by in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items)
Driver/ Agent Signature	Tall (F. J.)	R360 Representative Si	gnature	
Customer Approval		No. The lead of State	0	White Salits
Approved By:	THIS	S IS NOT AN INVOIC	E!	6
**************************************		Date.		

t6UJ9A023LSP

(PLEASE PRINT) \*REQUIRED INFORMATION\*

	Compan	v Man	Page	78 of 144
ENA	11/ -	Tim	Kol	0
* ( -)	Name _	00	TEL	

SOLUTIONS					hone No.
		GEN	ERATOR	No.H	W- 703920
Generator Manifest # Generator Name Address	RON		Location of Origin Lease/Well Name & No. County	Cicada 51+1	
			API No.	300154900	1
City, State, Zip Phone No.			Rig Name & No. AFE/PO No.	UCRE 14700	)
Oil Based Muds		rvice Identification and Amou	nt (place volume next to wa	aste type in barrels or cubic ya	
Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms	Co Pro	ashout Water (Non-Injectable) mpletion Fluid/Flow Back (Non-Injectable) duced Water (Non-Injectable) thering Line Water/Waste (Non-Injectable)		Bally Dun	
E&P Contaminated Soil Gas Plant Waste		TERNAL USE ONLY  ck Washout (exempt waste)	YES NO	TOP SOIL & CALICHE SALES QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTI		TO A STATE OF THE PARTY OF THE
All non	exempt F&P waste m	NON-EXEMPT E&P Waste,	/Service Identification and Am	ount ), Ignitability, Corrosivity adn Reac	tiving
Non-Exempt Other	essemple commission	use the analysed and the below this		ct from Non-Exempt Waste List	
DISPOSAL QUANTITY		3 - BARRELS	L - LIQUID	20 Y-YARDS	E - EACH
EMERGENCY NON-OILFIELD	40 CFR 261.21-261.24 waste as non-hazardo MSDS Information Emergency non-hazard	or listed hazardous waste as de us is attached. (Check the appropriate of the control of the con	offined by 40 CFR, part 261, subportate items as provided) A Hazardous Waste Analysis been ordered by the Department	part D, as amended. The following	stics established in RCRA regulations, documentation demonstrating the Provide Description Below)  mentation of non-hazardous waste
(PRINT) AUTHORIZED AG	ENTS SIGNATURE		DATE	SIGNATURE	
Transporter's Name Address Phone No. Transporter Ticket #		TRANS	Driver's Name Print Name Phone No. Truck No.	ASIE MAYLE	eey
I hereby certify that the above named mate	CIE IMA	ed up at the Generator's site liste	d above and delivered without	HOLE INA	ted below.
TRUCK TIME STAN	MP	DISPOSA	AL FACILITY	Name/No	NG AREA Z
Address 6601 Hobbs Hwy I		er 66 Carlsbad, NM 88220		75-392-6368	
NORM READINGS THE PAINT FILTER		YES NO		50 micro roentgents? (Circle O	ne) YES NO
Feet		Inches	BOTTOMS		
1st Guage 2nd Guage Received				BLS Received Free Water otal Received	BS&W (%)
hereby certify that the above load materia	W ZX	DATE	DENIED A If d	enied, why?	SIGNATURE
C-1 Released to Imaging: 12/4/	2024 4:27:45 I White - R360 ORIGIN	PM IAL Yellow-TRANSPORTER	COPY Pink- GENERATOR		

donc@northstarforms.com (877)499-0492

Gold-RETURN TO GENERATOR

		CHEV MCI						
		Carlsba						
NO #0	CAR- 7663 NON-HAZARDO	US WASTE	MANIFEST	[ ] I. PAC	GEOF_	2. TRAII	ER NO.	
G	3. COMPANY NAME  CHEVRON CARLSBAD  PHONE NO.  CIT		LOMAS DR.		5. P ZIP 6.	ICK-UP DAT	10·10	24
E	575-887-5676 7. NAME OR DESCRIPTION OF WASTE SHIPPED	CARLSB	AD, NM 882	220	TAINERS	9. TOTAL	10. UNIT	11.
N	a. Sollad dirt			No.	Type	QUANTITY	WT/Vol.	
E	b. API= 3001549001							
R	d UCRE 14700							
A	12. COMMENTS OR SPECIAL INSTRUCTIONS:	70				13. WASTE I	PROFILE 1	NO.
Т	are divisioned and	EMERGENCY (	OR SPILL, C	ONTAC	e <b>T</b>		EMERGE	
o	CHEVRON CARLSBAD  15. GENERATOR'S CERTIFICATION: Here	eby declare that the	contents of this	consignm	ent are full		5-887-50 ely describe	N. M. C.
R	PRINTED TYPED NAME / Tucky		SIGNATURE	26	5	The		DATE
T R A	16. TRANSPORTER (1) NAME		17. NAME	TF	RANSPÓI	RTER (2)		
N S P	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:					
O R T E R	18. TRANSPORTER (1): Acknowledgment of reconstruction of the Printed/Typed NAME LIVER SIGNATURE	TE 10-10-24	19. TRANSI PRINTED/TY SIGNATURE	PED NA		nowledgment VMER Rd 7	n.	of material
D F	R360 Environmental Solutions 5053 US Hwy 285 Orla, TX 79779	DDRESS:				PHONE 432.4	48-42	3 7
S C P I O L S I	PERMIT NO.  57 F-065  21. DISPOSAL FACILITY'S CERTIFICATION	All the second s	20, COMMEN		d wastes w	vere delivered	to this faci	lity, that the
A T L Y	AUTHORIZED SIGNATURE	stes.	CELL NO.		DATE (0.	10-24		1.14m

GENERATOR: COPY 1

TRANSPORTER: COPY 2

Received by OCD: 10721/2024 1:53:12 PM EXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST Company Marage 80 of 144 Name KENN FDV (PLEASE PRINT) \*REQUIRED INFORMATION Phone No. **GENERATOR** NO. Operator No. Permit/RRC No. Lease/Well 1 7 17 12 Man 3 Date Many description Operators Name Name & No. Address County API No. City, State, Zip Rig Name & No. Phone No. AFE/PO No EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) Oil Based Muds IN-INJECTABLE WATERS Oil Based Cuttings Washout Water (Non-Injectable) Water Based Muds Completion Fluid/Flow Back (Non-Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Formation Solids Gathering Line Water/Waste (Non-Injectable) Tank Bottoms NTERNAL USE ONLY **E&P** Contaminated Soil Gas Plant Waste Truck Washout (exempt waste) WASTE GENERATION PROCESS DRILLING COMPLETION PRODUCTION **GATHERING LINES** NON-EXEMPT E&P Waste/Service Identification and Amount All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity Non-Exempt Other \*please select from Non-Exempt Waste List on back QUANTITY **B-BARRELS** Y-YARDS E-EACH I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation. RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, RCRA NON-EXEMPT: 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) (PRINT) AUTHORIZED AGENTS SIGNATURE TRANSPORTER Transporter's Name Driver's Name Address Phone No Truck No Phone No WHP No I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DRIVER'S SIGNATURE **DELIVERY DATE** DRIVER'S SIGNATURE TRUCK TIME STAMP RECEIVING AREA IN: OUT: Name/No. Site Name/ Red Bluff Facility / STF-065 Permit No. 432-448-4239 Phone No. 5053 US Hwy 285, Orla, TX 79770 Address NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) NO NORM (mR/hr) Feet 1st Guage **BS&W Received** BS&W (%) 2nd Guage Free Water Received Total Received I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? TITLE donc Released to Imaging: 12/4/2024 4:27:45 PM 877) 499-0492 Blue-TRANSPORTER Yellow - GENERATOR

308.R360-5160R

Received by OCD: 10/21/2024 1:53:12 PM EXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST Company MaPage 81 of 144 (PLEASE PRINT) \*REQUIRED INFORMATION\* Phone No. **GENERATOR** Operator No. Permit/RRC No. Lease/Well Operators Name Name & No. Address County API No. City, State, Zip Rig Name & No. Phone No. AFE/PO No. EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards Oil Based Muds NON-INJECTABLE WATERS Oil Based Cuttings Washout Water (Non-Injectable) Water Based Muds Completion Fluid/Flow Back (Non-Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Formation Solids Gathering Line Water/Waste (Non-Injectable) Tank Bottoms INTERNAL USE ONLY E&P Contaminated Soil Gas Plant Waste Truck Washout (exempt waste) WASTE GENERATION PROCESS DRILLING COMPLETION **PRODUCTION GATHERING LINES** NON-EXEMPT E&P Waste/Service Identification and Amount All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity Non-Exempt Other \*please select from Non-Exempt Waste List on back QUANTITY B-BARRELS Y-YARDS E-EACH I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation. Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE Transporter's Name Driver's Name Address Phone No Truck No Phone No. WHP No I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DRIVER'S SIGNATURE DELIVERY DATE DRIVER'S SIGNATURE TRUCK TIME STAMP RECEIVING AREA OUT: Name/No. Site Name/ Red Bluff Facility / STF-065 Permit No. 432-448-4239 Address 5053 US Hwy 285, Orla, TX 79770 NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) NO NORM (mR/hr) Feet Inches 1st Guage **BS&W Received** BS&W (%) 2nd Guage Free Water Received Total Received I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? NAME (PRINT) donc Reteased to Imaging: 12/4/2024 4:27:45 PM Blue-TRANSPORTER Yellow - GENERATOR 308.R360-5160R

Received by OCD: 10/21/2024 1:53.  RESULTIONS  Permian Basin	CHEVRON MIDCONTINENT LE Customer #: CRI1920 Ordered by: KENNITH TUKER AFE #: PO #: Manifest #: CAR-7663 AW 703 93 Manif. Date: 10/10/2024 Hauler: MCNABB PARTNERS Driver GUMER Truck # M90 Card # Job Ref # CAR-7663	Bid #: Date: Generator:	700-1632989 O6UJ9A000KKV 10/10/2024 Chevron 49001C CICADA UNIT 051H NON-DRILLING EDDY (NM)	44
Facility: CRI				
Product / Service	Quantity U	Jnits	1 M - TA R MUSTE	
Contaminated Soil (RCRA Exemp				
1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes get a RCRA Non-Exempt: Oil field wastes characteristics established in RCRA regulation. The following documentation	source Conservation and Recovery Act (RCRA) and	operations and a inimum standard vaste as defined te is non-hazard Other (Prov	are not mixed with non-exempt vals for waste hazardous by in 40 CFR, part 261, subpart D, ous. (Check the appropriate iten	vas as
Customer Approval	200V )			
	THIS IS NOT AN INVOICE	E!		
Approved By:	Date:			

(PLEASE PRINT)

\*REQUIRED INFORMATION\*

Company	Man Contact Information	
Name K	ENNEDY LINCOL	
Phone No	432-817-5791	i

Acoustic S					Phone No. $T > L = 0 + 3 - 3 = 0$
Generator Manifest #		GEN	ERATOR	NO.	HW- 703935
	11 - 11 -		Location of Origin Lease/Well		
Generator Name Address	HEVA	ON	Name & No. County	CICADA 51	H
			API No.	3001549	00
City, State, Zip Phone No.			Rig Name & No.		
POALSONNESS	FMPT F&P Waste	Service Identification and Amou	AFE/PO No.	wasto typo in barrals or cubic v	orde)
Oil Based Muds	LIVIET EGI- VVGSto/	NON-INJECTABLE WATERS	int (place volume next to t	OTHER EXEMPT E&P WA	
Oil Based Cuttings Water Based Muds		Washout Water (Non-Injectable)	iostable)		A
Water Based Cuttings Produced Formation Solids		Completion Fluid/Flow Back (Non-Ir Produced Water (Non-Injectable)		= BELLY	DUMP
Tank Bottoms		Gathering Line Water/Waste (Non- INTERNAL USE ONLY	Injectable)	TOP SOIL & CALICHE SALE	26:
E&P Contaminated Soil Gas Plant Waste		Truck Washout (exempt waste)	YES NO	QUANTITY QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS:	☐ DRILLING	G COMPLETION	☐ PRODUC	TION GATHER	ING LINES
Alle	on avament FS.P went	NON-EXEMPT E&P Waste	/Service Identification and A	mount	
Non-Exempt Other	on-exempt Ear wast	e must be analysed and be below th		LP), Ignitability, Corrosivity and Rea lect from <b>Non-Exempt Waste Li</b>	
DISPOSAL QUANTITY		B - BARRELS	L - LIQUID	Y-YARDS ) O	E - EACH
I hereby certify that the above listed ma packaged, and is in proper condition for	terial(s), is (are) not h	nazardous waste as defined by 40 CF	R Part 261 or any applicable	state law. That each waste has be	en properly described, classified and
RCRA EXEMPT:	Oil field wastes ge	nerated from oil and gas exploration	and production operation ar	nd are not mixed with non-exempt	waste (R360 Accepts certifications on a
RCRA NON-EXEMPT:	per load basis only Oil field waste wh	ich is non-hazardous that does not e	xceed the minimum standard	s for waste hazardous by character	ristics established in RCRA regulations,
	40 CFR 261.21-261	.24, or listed hazardous waste as de irdous is attached. (Check the approp	fined by 40 CFR, part 261, su	bpart D, as amended. The followin	g documentation demonstrating the
	MSDS Information		A Hazardous Waste Analysis	Other	(Provide Description Below)
EMERGENCY NON-OILFIELD	Emergency non-ha	zardous, non-oilfield waste that has	been ordered by the Departn	nent of Public Safety (the order, do	cumentation of non-hazardous waste
	determination and	a description of the waste must acc	ompany this form)		
(PRINT) AUTHORIZED	AGENTS SIGNATURE		DATE	SIGNATURE	
Transporter's	12	TRANS	SPORTER		
Name McNas	1 VARTI	JERS	Driver's Name	1. UMER	
Address Phone No. 5 7 5 -	397-00	250	Print Name Phone No.		
Transporter Ticket #			Truck No.	14-90	
I hereby certify that the above named ma	nterial(s) was/were p	icked up at the Generator's site liste		ut incident to the disposal facility I	isted below.
SHIPMENT DATE		/ER'S SIGNATURE	DELIVERY DATE	DF	RIVER'S SIGNATURE
TRUCK TIME STA	MP	DISPOSA	AL FACILITY	RECEIV	NG AREA
IN: OUT:				Name/No.	0
Site Name/ Permit No. Halfway Fac	cility / NM1-006	6	Phone No.	575-392-6368	
		arker 66 Carlsbad, NM 88220	THORE NO.	0,0 002 0000	
NORM READINGS PASS THE PAINT FILT	TAKEN? (Circle O		If YES, was reading :	> 50 micro roentgents? (Circle (	One) YES NO
PASS THE FAINT FILE	EN TEST? (CITCLE O		OTTONO		
Feet		IANK E	BOTTOMS		
1st Guage 2nd Guage			BS&W/	BBLS Received	BS&W (%)
Received				Free Water Total Received	
I hereby certify that the above load mate	rial has been (circle o	one): ACCEPTED	DENIED // If	denied, why?	
NAME (PRINT)	W C	DATÉ	TITLE I	defined, willy:	SIGNATURE
C-Released to Imaging: 12/	4/2024 4:27:4 White - R360 OR	5 PM		R SITE COPY Gold- RETURN TO	James and the second se

Yellow- TRANSPORTER COPY

donc@northstarforms.com (877)499-0492

Pink- GENERATOR SITE COPY

Gold- RETURN TO GENERATOR

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civeu	by OCD. 10/21/2024 1.33.12 1 M								Tuge 04 of
		CHEV MC							
		Carlsba	d, NM						
NO #		DOUS WASTE	MANIFEST	1. PAG	EC	OF	2. TRAIL	ER NO.	
G	3. COMPANY NAME CHEVRON CARLSBAD	4. ADDRESS	OMAS DR.	1776	5	. PICK	-UP DATE	10	11-201
G	PHONE NO.	CITY	STATE		ZIP 6				
E	575-887-5676  7. NAME OR DESCRIPTION OF WASTE SHIP		AD, NM 882	20 8. CONT	AINEE	nel o	TOTAL	10. UNIT	In
		red.		No.	Type		JANTITY		11.
N	a. D // A						5		
E	b. ADV: 300 1549001					-			
	d. (107.16.614					-			
R	12. COMMENTS OR SPECIAL INSTRUCTION	10.				12	WASTE P	POEILE N	10
A	12 COMMENTS ON STEERING MOTIVOCTION	3.				13,	WASILT	KOFILE P	vo.
A	14. IN CASE O	OF EMERGENCY O	OR SPILL, CO	NTAC	Г				
T	CHEVRON CARLSBAD						24-HOUR 575-	EMERGE <b>887-5</b> 6	
0	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this co	onsignme	nt are fi	ully an	d accuratel	y describe	d above.
	PRINTED TYPED NAME	KTFL	SIGNATURE	-		-	-		DATE
R	PRINTED TIPED NAME	THURK	SIGNATURE	Veno	_	File	Ver		DATE
T	16. TRANSPORTER (1)	TAN III	17.	Den / /	ANSP	ORTI	ER (2)		
R A	NAME		NAME						
N S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E	MERGE	NCY C	ONTA	CT:		
P	EMERGENCY PHONE:		EMERGENCY	PHONE:		4			
R T	18. TRANSPORTER (1): Acknowledgment o	f receipt of material	19. TRANSP	ORTER		1			of material
E R	PRINTED/TYPED NAME KOSA F	20 11	PRINTED/TYP	ED NAM	Œ	4 0	259	T )	<u> </u>
S	SIGNATURE + CA + 1	DATE / 0-11-29	SIGNATURE _	Ro		-6-	1	DATE	1-11 24
D F	R360 Environmental Solutions 5053 US Hwy 285	ADDRESS:					PHONE:		
I A	Orla, TX 79779		Ferrance terminal						
S C P I O L	PERMIT NO.		20. COMMENT	S					
S I	21. DISPOSAL FACILITY'S CERTIFICA		fy that the above	described	wastes	were	delivered to	this facil	ity, that the
A T L Y	facility is authorized and permitted to receive such AUTHORIZED SIGNATURE	ı wastes.	CELL NO.		DATI	E		TIM	Œ
	Jon Gorin		D7			-11-	24		:3500

GENERATOR: COPY 1

TRANSPORTER: COPY 2

Received by OCD: 10/21/2024 1:53:12 P.			FEST	Company MP age 35 of 144
ENVIRONMENTAL SOLUTIONS	(PLEAS	E PRINT) *REQUIRED	INFORMATION*	Phone No. Trucke
Operator No. Operators Name Address	GENE	Permit/RRC No. Lease/Well Name & No. County	ge a de	355708
City, State, Zip Phone No.	o Fa digita umbar end som humb c dig Punchusas inter (PU) manbor	API No. Rig Name & No. AFE/PO No.	00/50	900 J
Cill Based Muds Oil Based Cuttings Water Based Cuttings Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil Gas Plant Waste	Service Identification and Amount NON-INJECTABLE WATERS Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY Truck Washout (exempt waste)	ctable)	OTHER EXEMPT WAS	ic yards) TES (type and generation process of the was
WASTE GENERATION PROCESS: DRILLING		PRODUCTION	GATH	HERING LINES
All non-exempt E&P wast	NON-EXEMPT E&P Waste/Se e must be analysed and be below thres		tability, Corrosivity adn m <b>Non-Exempt Wast</b>	
QUANTITY	B-BARRELS BI	ew urd emilian navim arm	Y-YAF	
ensporter's ame Idress  one No.	TRANSI		SIGNAT	URE DOMESTIC OF THE PROPERTY O
ereby certify that the above named material(s) was/were p	icked up at the Generator's site listed a	bove and delivered without incide	ent to the disposal facili	ity listed below.
TRUCK TIME STAMP IN:OUT: te Name/	DISPOSAL	C dought includes the Co.	RECE lame/No	EIVING AREA
Red Bluff Facility / STF-065 5053 US Hwy 285, Orla, TX  NORM READINGS TAKEN? (Circle O	79770	Phone No. 432-4  If YES, was reading > 50 mi	48-4239 cro roentgents? (Circ	le One) YES NO
no nonamberd also form of the common on	TANK BO	NORM (mR/hr)	en abortos i	record of acceptance of the control
t Guage Feet d Guage cerived	Inches III neithm	BS&W F		BS&W (%)
ereby certify that the above load material has been (circle of NAME (PRINT)	DATE	DENIED If denied,	why?	SIGNATURE
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		CHEV MCI							1
	Carlsbad, NM								
NO #0	CAR- 7671 NON-HAZARI	DOUS WASTE	MANIFEST	1. PAG	GEOI	F 2. '	TRAILE	R NO.	
_	3. COMPANY NAME	4. ADDRESS	OMAS DD		5.	PICK-UI	DATE	0 11	low
G	CHEVRON CARLSBAD PHONE NO.		OMAS DR.		ZIP 6.			DIL	
E	575-887-5676	CARLSB	AD, NM 882	20					
12	7. NAME OR DESCRIPTION OF WASTE SHIP	PED:		8. CON No.	TAINERS		TAL 10	0. UNIT	11.
N	a.					45			
	b. 117 300154 W	us J							
E	c.							line Min	
n	d.		75,97%						
R	12. COMMENTS OR SPECIAL INSTRUCTION	IS:				13. WA	STE PR	OFILE N	1O.
A									
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT								
T	CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676								
•	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this co	onsignme	ent are ful	lly and ac	curately	describe	d above.
0									
R	PRINTED TYPED NAME		SIGNATURE				DATE		
	TRANSPORTER (1)		17		ANSPO		1		
T R	16. <b>TRANSPORTER (1)</b> NAME		17. NAME	IK	ANSFU	KIEK	(2)		
A N			A-7-11						
S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E	MERGE	NCY CO	NTACT:			
P O	EMERGENCY PHONE:		EMERGENCY						
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt of material	19. TRANSP		Ve	knowled:	gment of	receipt o	f material
E R	PRINTED/TYPED NAME	1 1/1 - 1/2 1	PRINTED/TYP	PED NAI	ME _\	50	71		4.14
S	SIGNATURE	DATE /( )-/ ( - )-/	SIGNATURE _	Ka	ad	45		DATE /	1-77 24
	R360 Environmental Solutions	ADDRESS:					HONE:		
D F I A	5053 US Hwy 285 Orla, TX 79779					L	134.4	48.43	135
S C P I	PERMIT NO.		20. COMMENT	'S					
O L S I	STF-065	ATION: 111	C d d d	J.,	dance	man dal	inimized as	this Carl	lies that at a
A T	21. DISPOSAL FACILITY'S CERTIFIC facility is authorized and permitted to receive suc		ny that the above	describe	u wastes	were deli	vered to	mis racil	ny, mat the
LY	AUTHORIZED SIGNATURE		CELL NO.		DATE			TIM	
	Gery Durie		TY		10	(11-)	1	10	1.22A-1

GENERATOR: COPY 1

TRANSPORTER: COPY 2

Received by OCD: 10/21/2024 1.	:53:12 PM EXAS NON-HAZARDOUS	OILFIELD WASTE MANIFES		any Ma <b>Page 37 of 14</b>
ENVIRONMENTAL SOLUTIONS	(PLEAS	SE PRINT) *REQUIRED IN	FORMATION* Name	- 4
Operator No.	GENE	Permit/RRC No.	so the case NO. 35	5706
Operators Name Address	6 pm Carp ben seeted reday	Lease/Well Name & No. County	royale to pallog ad com- regular S. ad Service and service with the wall	Penal/HRE No Lance/Wel-Provide County - Provide
City, State, Zip	14 digits aber and well made this Farchash Order (PO) number	API No. Rig Name & No. AFE/PO No.	0154900	AN Ma Provide AN Some A PAR AND TO THE
EXEMPT E	&P Waste/Service Identification and Amount	t (place volume next to waste type		- window to incitoning
Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJECTABLE WATERS  Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Inje Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Inj	ectable)	HER EXEMPT WASTES (type and the published of the publishe	Drilling Vante Juitlul Completi
Gas Plant Waste	Truck Washout (exempt waste)	White have several of the side of	m miner belige i delle mi	The American
WASTE GENERATION PROCESS:	DRILLING COMPLETION	PRODUCTION	GATHERING LII	NES
All non-exempt Non-Exempt Other	NON-EXEMPT E&P Waste/S It E&P waste must be analysed and be below thre		lity, Corrosivity adn Reactivity. <b>Non-Exempt Waste List</b> on b	ack
QUANTITY	B-BARRELS	amo of the driver hauting the was	Y-YARDS /	E-EACH
RCRA NON-EXEMPT: Oil fiel 40 CFR waste	d basis only)  d waste which is non-hazardous that does not exc 261.21-261.24, or listed hazardous waste as defir as non-hazardous is attached. (Check the appropri Information RCRA I	ned by 40 CFR, part 261 subpart D as	amended. The following docum	stablished in RCRA regula nentation demonstrating the e Description Below)
ensporter's ame	TRANS	PORTER  Driver's Name Phone No. Truck No.	SIGNATURE SIGNATURE	Recoil Continue  (D) Reseal Delli cutt  (O) Reseal Delli cutt  (O) Reseal Delli cutt  (O) Reseal Delli cutt  (O) Reseal Cuttinue  (O) R
	was/were picked up at the Generator's site listed	WHP No. above and delivered without incident to	to the disposal facility listed be	low.
SHIPMENT DATE  TRUCK TIME STAMP  N:OUT:	DRIVER'S SIGNATURE  DISPOSAL		RECEIVING A	
rmit No.  Red Bluff Facility / dress  Red Bluff Facility /	S1F-065	Phone No. 432-448-	4239	It is injucted
NORM READINGS TAKEN	? (Circle One) YES NO	If YES, was reading > 50 micro NORM (mR/hr)	roentgents? (Circle One)	YES NO
	TANK BO	The second secon	annaw lamaxa ta ta annaw lamaxa ta ta anadasaarbeel as elsan alsina	
t Guage Feet d Guage ceived	Inches d'action à l'action à l'ac	BS&W Rece Free W Total Rece	eived E Vater	3S&W (%)
ereby certify that the above load material has b	een (circle one):  ACCEPTED  DATE	DENIED If denied, wh		odusanbyd hippU >.
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SOLUTIONS	1607.00	In one swift a region in sit one of	NFURIMATIUN*	ne No. Truck
Operator No.	GENE	RATOR	NO. 3	55560
Operators Name Chevro	a barbon to	Permit/RRC No. Lease/Well	no a poune number where the property of the health of the property of the prop	Phone No Provid
Address	Takhun konil one sman bini eti stovorg	Name & No.	a county or which starward	Lanuary VV-18 24 and 18 Colored I
City, State, Zip	o 14 digits when and well prime	API No.	515 4900	STATE ON PA
Phone No.	or the Proclass Dictor (PD) number	Rig Name & No AFE/PO No	C King Thinkel	200
EXEMPT E&I	Waste/Service Identification and Amount		e in barrels or cubic yards)	To other by editional or
An Based Midds Vater Based Midds Vater Based Cuttings Produced Formation Solids Fank Bottoms &P Contaminated Soil	NON-INJECTABLE WATERS	ctable)	THER EXEMPT WASTES (type a	and generation process of the wa
VASTE GENERATION PROCESS:	DRILLING COMPLETION	PRODUCTION	GATHERING L	INES
All non-exempt F	NON-EXEMPT E&P Waste/Se	rvice Identification and Amount		
Ion-Exempt Other	&P waste must be analysed and be below thresh		ility, Corrosivity adn Reactivity  Von-Exempt Waste List on	
UANTITY	B-BARRELS all	ane of the driver healing the war	Y-YARDS / S	E-EACH
ereby certify that the above listed material(s), is ( ckaged, and is in proper condition for transportati	are) not hazardous waste as defined by 40 CFR Page according to applicable regulation	art 261 or any applicable state law.		
	vastes generated from oil and gas exploration and			
waste as MSDS Inf	utilization	te items as provided) azardous Waste Analysis		de Description Below)
nsporter's ablog to abluft polymost begin	TRANSP	PORTER		beas no conditio •
me distribution of the second	Vartuers.	Driver's Name	Cosa H	eor Bantal Mad • Weter Beend Deline
mess remem dulined report tendines have		Phone No.	etion holds	Titleboon Wester Note     The Control
one No.		WHP No.	33 upolitiu	* Water Brood Grill (
reby certify that the above named material(s) wa		bove and delivered without incident	to the disposal facility listed b	elow.
SHIPMENT DATE  TRUCK TIME STAMP	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S S	
N: 60 35 19 OUT:	DISPOSAL DISPOSAL	Nan	RECEIVING A	AREA // months// «
Red Bluff Facility / S dress Fo53 US Hwy 285, Or	TF-065	Phone No. 432-448-	4239	it is lojottod
NORM READINGS TAKEN? (	De Silver	If YES, was reading > 50 micro	roontgonte? (Circle One)	VEC NO
	Mareix reliquotem ( livorem reliquote ser mareix	NORM (mR/hr)		YES NO
Face	TANK BO	TTOMS	suitav ignmen lo	e Accumulated mate
Guage Feet	Inches	BS&W Rece		BS&W (%)
Guage eived	ndi ke not t	Free V	/ater	dmabnoqui
reby certify that the above load material has beer	(circle one): ACCEPTED DE			
Torge leaves	10 - 11 - 211 sarumunimi	or a complete the consense	Altouburg in must be women a	
NAME (PRINT)	DATE	TITLE	SIGNA	TURE aboto many +
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Received by OCD: 10/21/202	24 1:53:12 PM EXA				Company Ma Page 89 of the
ENVIRONMENTAL SOLUTIONS		(PLEAS	SE PRINT) *REQUIR	ED INFORMATION*	Phone No. Junke
Operator No.		GENE	RATOR Permit/RRC No.	not are address on NO	0. 355707
Operators Name Address	10ml sour	18/09/	Lease/Well Name & No. County	Dicada	Lungs/Woldshop   Found   Found   Found   Lungs/Woldshop   Found
City, State, Zip	) momun	Margus mber and west nome: that receptor order (PD)	API No. Rig Name & No.	200159	1960 Min - M
Phone No. EXEN	/IPT E&P Waste/Service	Identification and Amount	AFE/PO No t (place volume next to was	ate type in barrels or cub	nic yards)
Oil Based Muds Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	Washout Completi Producec Gatherin	JECTABLE WATERS t Water (Non-Injectable) ion Fluid/Flow Back (Non-Inje d Water (Non-Injectable) g Line Water/Waste (Non-Inj AL USE ONLY		an wad gallah ellaw sof seh ao betawag-	TES (type and generation process of the was
Gas Plant Waste		ashout (exempt waste)		and the state of t	Talkan disambles att
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTIO		HERING LINES
All non- Non-Exempt Other	exempt E&P waste must be	NON-EXEMPT E&P Waste/S analysed and be below thres	ervice Identification and Amou shold limits for toxicity (TCLP), *please selec	int Ignitability, Corrosivity adr t from <b>Non-Exempt Wa</b> si	
QUANTITY	B-BARI	RELS	the driver bauling the was	To annual facilitie ( Y-YA	RDS / S E-EACH
hereby certify that the above listed mater ackaged, and is in proper condition for tra	ial(s), is (are) not hazardous	waste as defined by 40 CFR	Part 261 or any applicable sta	te law. That each waste ha	s been properly described, classified ar
ytivitoisill lion s	MSDS Information		Hazardous Waste Analysis		ther (Provide Description Below)
(PRINT) AUTHORIZED AGE			PORTER	SIGNA	TURE America Divid America of the august 100 and th
ddress	STORYST TON	1145	Driver's Name Phone No	Kasaf	www.pand.com/ ww.pand.com/ www.pand.com/ www.pand.com/ www.pand.com/ www.pan
hone No.	oolyonto.		Truck No.	W33	om nasod Cuevres   Veget Based Dell cuttings
nereby certify that the above named mate	ntmow			ncident to the disposal faci	lity listed below.
SHIPMENT DATE  TRUCK TIME STAN	DRIVER'S SIGNA		DELIVERY DATE	DE01	DRIVER'S SIGNATURE
IN: 58.0367 OUT:	PROPERTY OF STREET, ST	DISPOSAL	L FAGILITY	Name/No	EIVING AREA
ite Name/ ermit No. Red Bluff Faci ddress 5053 US Hwy	lity / STF-065 285, Orla, TX 79770	Darring limes resites, including	Phone No. 43	2-448-4239	it is injected. alc Perteams * Especialisment, water, dod off
NORM READINGS T		ES NO	If YES, was reading > 50 NORM (mR/hr)	12	cle One) YES NO
Feet	Inche	TANK BO	OTTOMS	s Indocarbons	active playered horistensias *
st Guage and Guage accived		10 1900 P. Schools II. (10 1901 P. Schools III. (10 1901 P. Schools III	Hopfing that columns.	W Received Free Water al Received	BS&W (%)
ereby certify that the above load material	has been (circle one):	ACCEPTED Indiana (1)		nied, why?	boyd nor endurant bound suppl =
NAME (PRINT)	024 4-27-45 DM	DATE	TITLE	and Mood Stoll	SIGNATURE
Released to Imaging: 12/4/2 7) 499-0492	White - ORIGINAL	Blue- TRANSP	ORTER Yellow	- GENERATOR	308.R360-5

Received by OCD: 10/21/2024 1:53:12 Psylomer: Page 90 of 144 CHEVRON MIDCONTINENT LP Ticket #: 700-1633386 Customer #: CRI1920 Bid #: O6UJ9A000KKV Ordered by: KENNY TUCKER Date: 10/11/2024 AFE #: Generator: Chevron PO #: Generator #: Manifest #: HW-706975 Well Ser. #: 49001C SOLUTIONS Manif. Date: 10/11/2024 Well Name: CICADA UNIT MCNABB PARTNERS LLC Hauler: Well #: 051H Permian Basin Driver ROSA Field: Truck # M33 Field #: Card # Rig: NON-DRILLING Job Ref# County EDDY (NM) Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 15.00 yards Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): \_ MSDS Information \_ RCRA Hazardous Waste Analysis \_ Process Knowledge \_ Other (Provide description above) **Driver/ Agent Signature** R360 Representative Signature **Customer Approval** THIS IS NOT AN INVOICE!

Date:

Approved By:

C-Released to Imaging: 12/4/2024 4:27:45 PM

donc@northstarforms.com (877)499-0492

White - R360 ORIGINAL

Yellow-TRANSPORTER COPY

Pink- GENERATOR SITE COPY

Gold- RETURN TO GENERATOR

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Company Man	Page 91 of 144 Contact Information
Name 4	asof b
Phone No.	- 1

SOLUTIONS	(1)	NOETHINTY TIEGOTIES	TIVI OTIVIATIO	Phone No. Tucker
	GEN	VERATOR		NO.HW- 706975
Generator Manifest #  Generator Name Address  City, State, Zip Phone No.	7/1	Location of Origin Lease/Well Name & No. County API No. Rig Name & No. AFE/PO No.	icade 30015	4900/
Oil Based Muds	Waste/Service Identification and Amo	ount (place volume next to waste		
Oil Based Nidos Oil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJECTABLE WATERS  Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-INTERNAL USE ONLY)		TOP SOIL & CALIC	E&P WASTE STREAMS  CHE SALES
Gas Plant Waste	Truck Washout (exempt waste)	YES NO	QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS: DI	RILLING COMPLETION	PRODUCTION		GATHERING LINES
All non-exempt E8  Non-Exempt Other	NON-EXEMPT E&P Wast AP waste must be analysed and be below t			y adn Reactivity. <b>Waste List</b> on back
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y - YARDS	/ S E-EACH
RCRA NON-EXEMPT:  Oil field wa 40 CFR 261 waste as n MSDS Info  EMERGENCY NON-OILFIELD  Differency services as n management of the control of	astes generated from oil and gas explorations only) aste which is non-hazardous that does not 1.21-261.24, or listed hazardous waste as con-hazardous is attached. (Check the approximation RCF non-hazardous, non-oilfield waste that hall ion and a description of the waste must accompany to the state of th	exceed the minimum standards for w defined by 40 CFR, part 261, subpart I opriate items as provided) RA Hazardous Waste Analysis s been ordered by the Department of	vaste hazardous by ), as amended. The Public Safety (the	-exempt waste (R360 Accepts certifications on a characteristics established in RCRA regulations following documentation demonstrating the Other (Provide Description Below) order, documentation of non-hazardous waste
(FINE) AUTHORIZED AUTHORIZED		ISPORTER		JIGNATUHE
Transporter's Name Address Phone No. Transporter Ticket # hereby certify that the above named material(s) was	b Portners	Driver's Name Print Name Phone No. Truck No.	dent to the disposal	I facility listed below.  DRIVER'S SIGNATURE
TRUCK TIME STAMP IN: OUT:	DISPOS	AL FACILITY	R Name/No	RECEIVING AREA
Permit No. Address  Halfway Facility / NN 6601 Hobbs Hwy US 62 / 180  NORM READINGS TAKEN? (C	Mile Marker 66 Carlsbad, NM 88220 Circle One) YES NO	Phone No. <b>575</b> -	392-6368 nicro roentgents?	(Circle One) YES NO
		BOTTOMS		
st Guage Feet 2nd Guage Received	Inches	BS&W/BBLS Fr	Received ee Water Received	BS&W (%)
hereby certify that the above load material has been NAME (PRINT)	(circle one): ACCEPTED    O     2   C   DATE	DENIED If denied	i, why?	SIGNATURE

		CHEV MC						
	Carlsbad, NM							
NO #	CAR- 8828 NON-HAZAR	DOUS WASTE	MANIFEST	Γ 1. PAG	GEOF	2. TRAIL	ER NO.	
~	3. COMPANY NAME	4. ADDRESS			5. I	PICK-UP DATE	3/0	11.24
G	CHEVRON CARLSBAD PHONE NO.		OMAS DR.		ZIP 6.		10	
10	575-887-5676	The state of the s	AD, NM 882		ZII			
E	7. NAME OR DESCRIPTION OF WASTE SHIP	PED:		The second secon	TAINERS	The second secon	10. UNIT	11.
N	a. Remediation Soil			No.	Туре	QUANTITY 15	W 1/Vol.	
	b. Cicada SIH							
E	· API: 300  54900							
R	d.							
1	12. COMMENTS OR SPECIAL INSTRUCTION	IS:				13. WASTE P	ROFILE N	IO.
A	CC: UCRE 14700							
	14. IN CASE C	OF EMERGENCY (	OR SPILL, CO	ONTAC	Т			
T	CHEVRON CARLSBAD 24-HOUR EMERGENCY NO. 575-887-5676							
o	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this c	onsignme	ent are full	y and accurate	ly describe	d above.
R	PRINTED TYPED NAME Kenneth Tucker (	(KTFC)	SIGNATURE	wh	Zu			DATE
T	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)		
R	NAME		NAME					
N								3
S P	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E			NTACT:		
O R	EMERGENCY PHONE:  18. TRANSPORTER (1): Acknowledgment of	6	EMERGENCY	21 5005050000		3. 3	6	6 2 5 1
T	PRINTED/TYPED NAME Rosa H	receipt of material	19. TRANSP PRINTED/TYI			)	9	i materiai
E R	PRINTED/TYPED NAME 1854 []	15 // 22			AE	1		
S	SIGNATURE LOCA T	DATE / 0- 11:23	SIGNATURE .	K0-	~ &		DATE	1-1-24
D F	R360	ADDRESS:				PHONE:		
I A S C P I O L	PERMIT NO.		20. COMMENT	TS.	146			
S I A T L Y	21. <b>DISPOSAL FACILITY'S CERTIFIC</b> facility is authorized and permitted to receive such		fy that the above	described	i wastes v	vere delivered t	o this facil	ity, that the
LI	Mark Britton		CELL NO.		DATE	11-24	TIM	E
						10.00		

	CHEVRON MCBU							
	Carlsbad, NM							
NO #	CAR- 8831 NON-HAZARI	DOUS WASTE	MANIFEST	Γ 1. PAG	GEOF_	_ 2. TRAIL	ER NO.	
~	3. COMPANY NAME	4. ADDRESS	01116.00		5. PIG	CK-UP DATI	E 10	11.74
G	CHEVRON CARLSBAD PHONE NO.		LOMAS DR.		ZIP 6.		10	1101
E	575-887-5676	CARLSB	AD, NM 882	220		Think.		
~	7. NAME OR DESCRIPTION OF WASTE SHIP	PED:		8. CON' No.		9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
N	a. Dirt					15111		
	b. Clada 51H					1740		mayaran,
E	C. APT: 309549001	(3001549	001)					
R	d. UCRE14700		JO y					
I	12. COMMENTS OR SPECIAL INSTRUCTION	S:			1	3. WASTE P	ROFILE N	Ю.
A								
	14. IN CASE C	OF EMERGENCY (	OR SPILL, CO	ONTAC	T	24 HOUR	E) (E) OE	Vario
T	CHEVRON CARLSBAD					24-HOUR 575	-887-56	
o	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this co	onsignme	ent are fully	and accurate	ly describe	d above.
U								
R	PRINTED TYPED NAME   Kenny Tucker	CTFC	SIGNATURE	, ,	/			DATE
T	16. TRANSPORTER (1)		17.		ANSPOR			1
R A	NAME		NAME M	cNa	bb t	arthe	15	
N S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E	MERGE	NCY CON	TACT:		
P	EMERGENCY PHONE:		EMERGENCY					
R	18. TRANSPORTER (1): Acknowledgment of	f receipt of material	19. TRANSP					The second secon
T E	PRINTED/TYPED NAME		PRINTED/TYP	PED NAM	ME VIC	toria	Herec	lia
R S	SIGNATURE	DATE	PRINTED/TYP	teel	ociaH	eredia	DATE /	0-11-24
D F	R360	ADDRESS:				PHONE:		
S C P I O L	PERMIT NO.		20. COMMENT	ΓS				
S I A T L Y	21. <b>DISPOSAL FACILITY'S CERTIFIC</b> a facility is authorized and permitted to receive such		ify that the above	describe	d wastes we	re delivered	to this facil	ity, that the
	Mark Britton		CELL NO.		10-1	11-24	TIM	E

	CHEVRON							
	MCBU							
	Carlsbad, NM							
NO #0	CAR- 7674 NON-HAZARI	OOUS WASTE N	MANIFEST	1. PAC	GEOF	2. TRAIL	ER NO.	
G	3. COMPANY NAME  CHEVRON CARLSBAD	4. ADDRESS 5301 L	OMAS DR.		5. P	ICK-UP DATI	16.11	24
J	PHONE NO. 575-887-5676	CITY S	STATE AD, NM 882		ZIP 6.			
E	7. NAME OR DESCRIPTION OF WASTE SHIP		ND, IVIVI 002		TAINERS Type	9. TOTAL QUANTITY	10. UNIT	11.
N	a.			140.	турс	15	W 17 VOI.	
	b. AT. 300 15491	100						
E	d.							
R	12, COMMENTS OR SPECIAL INSTRUCTION	S:				13. WASTE F	PROFILE N	1O.
A								
	14. IN CASE OF EMERGENCY OR SPILL, CONTACT 24-HOUR EMERGENCY NO.							
T	CHEVRON CARLSBAD 575-887-5676  15. GENERATOR'S CERTIFICATION: Hereby declare that the contents of this consignment are fully and accurately described above.							
O	13. GENERATOR'S CERTIFICATION:	Hereby decrare that the	contents of this c	onsignine	encare run	iy and accurate	ry describe	d above.
R	PRINTED TYPED NAME		SIGNATURE	11				DATE
Т	16. TRANSPORTER (1)	LLVIVE	17.	Lan	ANSPO	RTER (2)		
R A	NAME		NAME M			arther	5	dre /
N S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF I	EMERGE	NCY CO	NTACT:		Teller
P O	EMERGENCY PHONE:		EMERGENCY	PHONE	i:			
R T	18. TRANSPORTER (1): Acknowledgment of		19. TRANSF		. 1		of receipt of	of material
E R	PRINTED/TYPED NAME	DATE	PRINTED/TY SIGNATURE			7	DATE !	0-11-24
S	SIGNATURE	ADDRESS:	SIGNATURE	para		PHONE		
D F I A	5053 US Hwy 285 Orla, TX 79779					432.1	148-4	237
S C P I	PERMIT NO.		20. COMMEN	TS				
O L S I	21. DISPOSAL FACILITY'S CERTIFIC.		ify that the above	describe	d wastes v	vere delivered	to this facil	lity, that the
A T L Y	facility is authorized and permitted to receive suc AUTHORIZED SIGNATURE	h wastes.	CELL NO.		DATE		TIM	Œ
	Jun Boni		D7			11-24	11	:42A-

GENERATOR: COPY I

TRANSPORTER: COPY 2

	CHEVRON MCBU							
	Carlsbad, NM							
NO #C	CAR- 7672 NON-HAZARDO	US WASTE N	MANIFEST	1. PAC	EOF_	2. TRAIL	ER NO.	
_	and a second control of the control	ADDRESS	01116.00		5. PI	CK-UP DATE	1/2 11	017
G	CHEVRON CARLSBAD PHONE NO. CIT		OMAS DR.		ZIP 6.		10 11	24
E	575-887-5676	CARLSBA	AD, NM 882					
	7. NAME OR DESCRIPTION OF WASTE SHIPPED	1	8	No.	AINERS Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
N	a.					151		
	b. ART 3001549001							
E	c.							
R	d. IN TELLIFICA							
· I	12. COMMENTS OR SPECIAL INSTRUCTIONS:					13. WASTE P	ROFILE N	10.
A	575 988 7070							
	14. IN CASE OF E	EMERGENCY O	OR SPILL, CO	NTAC	T	24-HOUR	EMERGE	NCY NO
T	CHEVRON CARLSBAD						-887-56	
0	15. GENERATOR'S CERTIFICATION: Her	eby declare that the	contents of this co	nsignme	ent are fully	and accurate	ly describe	ed above.
								DATE
R	PRINTED TYPED NAME	100	SIGNATURE	1/		Tina	012	DATE
T	16. TRANSPORTER (1)	CET	17.	TR	ANSPO	RTER (2)	C Y	
R	NAME		NAME MC	Nak	bPo	ertnet	5	
N			IN CASE OF E	MEDGE	NCV CON	ITA CT:		
S P	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		EMERGENCY			VIACI.		
O R	18. TRANSPORTER (1): Acknowledgment of red	ceipt of material	19. TRANSPO	A DECEMBER OF THE PARTY OF THE		nowledgment	of receipt	of material
T E	PRINTED/TYPED NAME	1	PRINTED/TYP	ED NA	ME //	cloria	Here	dia
R S		ATE	PRINTED/TYP	tello	cia H	eredia	DATE	10-11-24
D F	R360 Environmental Solutions 5053 US Hwy 285 Orla, TX 79779	DDRESS:		10	cle	PHONE		7
S C P I O L	PERMIT NO. STF-065		20. COMMENT		117	_/		
S I A T	21. DISPOSAL FACILITY'S CERTIFICATI facility is authorized and permitted to receive such was		ify that the above	describe	d wastes w	vere delivered	to this faci	lity, that the
L Y	AUTHORIZED SIGNATURE		CELL NO.		DATE	11 011	TIN	
	Jorge Dorce		07		10.	11-21	to	304

GENERATOR: COPY 1

TRANSPORTER: COPY 2

Received by OCD: 10/21/2024 1:53:20  RECEIVED BY OCD: 10/21/2024 1:53:20  ENVIRONMENTAL SOLUTIONS  Permian Basin	Customer #:	KENNY TUCKER  HW-7029918	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name: Well #: Field: Field #: Rig: County	700-1633384 Page 96 of 144 O6UJ9A000KKV 10/11/2024 Chevron 49001C CICADA UNIT 051H  NON-DRILLING EDDY (NM)
Facility: CRI				
Product / Service		Quantity U	Inits	
Contaminated Soil (RCRA Exemp	ot)	15.00	yards	
Generator Certification Statemen I hereby certify that according to the Re 1988 regulatory determination, the aboox X RCRA Exempt: Oil Field wastes go RCRA Non-Exempt: Oil field wastes characteristics established in RCRA regamended. The following documentation MSDS Information RCRA H	esource Conserve described was enerated from o te which is non- gulations, 40 CF on is attached to	vation and Recovery Act (RCRA) and aste is: il and gas exploration and production hazardous that does not exceed the mark 261.21-261.24 or listed hazardous was demonstrate the above-described was	operations and inimum standar vaste as defined te is non-hazare	are not mixed with non-exempt wards for waste hazardous by I in 40 CFR, part 261, subpart D, as dous. (Check the appropriate items)
Driver/ Agent Signature		R360 Representative Si	gnature	
Customer Approval	800 5			
	THI	S IS NOT AN INVOIC	E!	
Approved By:		Date:		

## Received by OCD: 10/21/2024 1:53:12 PM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Company M	an Contact In	7 of 1	44 on
Name Ke	nou!	uch	01
Dhone No	0 -		

SOLUTIONS	The second of	and the second sections	Phone No
	GEN	ERATOR	NO.HW-7029918
Generator Name Address City, State, Zip	ristat	Location of Origin Lease/Well Name & No. County API No. Rig Name & No.	Meada 514 200949001
Phone No.		AFE/PO No. —	A section of the sect
	aste/Service Identification and Amou	int (place volume next to wast	
Oil Based Muds Oil Based Cuttings Waste Based Muds Water Based Cuttings Produced Formation Solids Tank Bottoms E&P Contaminated Soil	NON-INJECTABLE WATERS  Washout Water (Non-Injectable)  Completion Fluid/Flow Back (Non-Injectable)  Produced Water (Non-Injectable)  Gathering Line Water/Waste (Non-Injectable)  INTERNAL USE ONLY	Injectable)	TOP SOIL & CALICHE SALES
Gas Plant Waste	Truck Washout (exempt waste)	YES (NO)	QUANTITY TOP SOIL CALICHE
WASTE GENERATION PROCESS: DRIL	LING COMPLETION	PRODUCTION	
All non-exempt E&P Non-Exempt Other	NON-EXEMPT E&P Waste waste must be analysed and be below th		it gnitability, Corrosivity adn Reactivity. from <b>Non-Exempt Waste List</b> on back
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y-YARDS /5 E-EACH
40 CFR 261.2 waste as nor MSDS Inform  EMERGENCY NON-OILFIELD Emergency n	te which is non-hazardous that does not e 11-261.24, or listed hazardous waste as de 1-hazardous is attached. (Check the appro nation	efined by 40 CFR, part 261, subpar priate items as provided) A Hazardous Waste Analysis been ordered by the Department	waste hazardous by characteristics established in RCRA regulat t D, as amended. The following documentation demonstrating the Other (Provide Description Below) of Public Safety (the order, documentation of non-hazardous was
(PRINT) AUTHORIZED AGENTS SIGNATUR	E -	DATE	SIGNATURE
Transporter's Name Address Phone No.  Transporter Ticket # I hereby certify that the above named material(s) was/v	rtners	Driver's Name Print Name Phone No. Truck No.  ed above and delivered without in	cident to the disposal facility listed below.  DRIVER'S SIGNATURE
TRUCK TIME STAMP IN: OUT:		AL FACILITY	RECEIVING AREA Name/No.
Site Name/ Permit No. Address  Halfway Facility / NM 6601 Hobbs Hwy US 62 / 180 N	1-006 file Marker 66 Carlsbad, NM 88220	Phone No. 579	5-887-6504
NORM READINGS TAKEN? (Ci PASS THE PAINT FILTER TEST? (Ci		If YES, was reading > 50	micro roentgents? (Circle One) YES NO
1st Guage 2nd Guage Received I hereby certify that the above load material has been (continuous formula formul	Inches	Tot	S Received BS&W (%) Free Water al Received
more by certify that the above load material has been (	MODEL HOUSELED	DEINIED IT der	ied, why?

Released to Imaging: 12/4/2024 4:27:45 PM White - R360 ORIGINAL Yellow- TRANSPORTER COPY

Pink- GENERATOR SITE COPY Gold- RETURN TO GENERATOR

SIGNATURE

Received by OCD: 10/21/20	024 1:53:12 PM <sub>E</sub>	XAS NON-HAZARDOUS			Company Ma Page 28 of 144
ENVIRONMENTAL SOLUTIONS		(PLEAS	E PRINT) *REQUIRE	NFORMATION*	Phone No
Street, No. of the		GENE	RATOR	NC	336569
Operator No.	Λ .	Different Co.	Permit/RRC No Lease/Well	A STATE OF THE STA	Phone No. 1 Phone No. 1
Operators Name (1) POST	00 (46/5	Dad	Name & No	Licada 5	A March Hall takes
		atopic f (1)	API No.	300/54900	API Ma.—Proposition (Inc.)
City, State, ZipPhone No	muli		Rig Name & No AFE/PO No		The third has been att
Oil Based Muds		ice Identification and Amount I-INJECTABLE WATERS	(place volume next to wast		ic yards) TES (type and generation process of the waste
Dil Based Cuttings Water Based Muds Water Based Cuttings Produced Formation Solids Fank Bottoms E&P Contaminated Soil Gas Plant Waste	Was Com Prod Gath	hout Water (Non-Injectable) pletion Fluid/Flow Back (Non-Inje uced Water (Non-Injectable) ering Line Water/Waste (Non-Inj RNAL USE ONLY  Washout (exempt waste)	align the manning design of the state of		Delling - Vana gamage Indust Code O O The Production - Vector great Commercial Facilities
WASTE GENERATION PROCESS:	DRILLING	COMPLETION	PRODUCTION	GATH	HERING LINES
All no	n-exempt E&P waste mus	NON-EXEMPT E&P Waste/S st be analysed and be below three		it gnitability, Corrosivity adn from <b>Non-Exempt Wast</b>	
QUANTITY	B-	BARRELS	NEW TOTAL PROPERTY AND ADDRESS OF THE PARTY.	Y-YAI	RDS 15 E-EACH
(PRINT) AUTHORIZED A	GENTS SIGNATURE		Hazardous Waste Analysis  ATE	SIGNA	ther (Provide Description Below)
ransporter's Manager M	ob Pactr	TRANS	PORTER  Driver's Name Phone No. Truck No.	Victoria H	eceled minus
Phone Nohereby certify that the above named ma	terial(s) was/were picked	d up at the Generator's site listed	WHP No. ——above and delivered without in	cident to the disposal faci	lity listed below.
SHIPMENT DATE	DRIVER'S	SIGNATURE	DELIVERY DATE	MITTAL	DRIVER'S SIGNATURE
TRUCK TIME STA		DISPOSA	LFACILITY	RECI Name/No	EIVING AREA
Address 5053 US Hw	cility / STF-065 y 285, Orla, TX 797	70	a months by pulgante -	2-448-4239	Lateran of d
NORM READINGS	TAKEN? (Circle One)	YES NO	If YES, was reading > 50 NORM (mR/hr)	micro roentgents? (Cir	cle One) YES NO
Feet		Inches	OTTOMS	seinudanaya a	A TERM IS RONDARD TO HIGH TANK IN THE
st Guage Ind Guage Ideceived			CONTRACTOR OF THE STATE OF THE	W Received Free Water al Received	BS&W (%)
hereby certify that the above load mate	rial has been (circle one):	ACCEPTED	DENIED If der	ied, why?	SIGNATURE
Released to Imaging: 12/4/ nc@northstarforms.com	2024 4:27:45 PM White - ORIGINA			- GENERATOR	308.R360-51

308,R360-5160R

PUROMENTAL SOLUTIONS	(PLEASE PRI	NT) *REQUIRED II	Phone No.	
perator No.	GENERAT Pe	FOR ermit/RRC No.	NO. 336566	hA .
perators Name <u>Oheucon</u> (	Le Le Deliver modelle II melmur h Na	ase/Well ame & No.	mit/RRC No. Provide the Hallroad Camera se/ Well Numbe & No Provide Unidan	
ty, State, Zip	erigit A of gu AF	Pl No. vem sudmun obeld	nety — Frankle the county at which the will the — Provide the Asset (\$1) (2020) by No. Tigme & No. — Provide the came of the c	103 194
none No.	April on the Purchase Order (PD) numbur	E/PO No.	S.P.O.No. — Provide office the Authorizatio	AA.
il Based Muds il Based Cuttings /ater Based Muds /ater Based Cuttings roduced Formation Solids ank Bottoms &P Contaminated Soil as Plant Waste	P Waste/Service Identification and Amount (place  NON-INJECTABLE WATERS  Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Produced Water (Non-Injectable) Gathering Line Water/Waste (Non-Injectable) INTERNAL USE ONLY Truck Washout (exempt waste)		De in barrels or cubic yards)  OTHER EXEMPT WASTES (type and generation procured in the procur	Dril Inil Pro
ASTE GENERATION PROCESS:	DRILLING COMPLETION	PRODUCTION	GATHERING LINES	J112
All non-exempt on-Exempt Other	NON-EXEMPT E&P Waste/Service I E&P waste must be analysed and be below threshold linguistics.	mits for toxicity (TCLP), Ignita	bility, Corrosivity adn Reactivity.  Non-Exempt Waste List on back	
JANTITY	B-BARRELS MILLION BIT	me of the driver healing t	Y-YARDS E-EACH	Ha
reby certify that the above listed material(s), is kaged, and is in proper condition for transporta	(are) not hazardous waste as defined by 40 CFR Part 26 tion according to applicable regulation.	1 or any applicable state law	That each waste has been properly described,	classified
per load  RCRA NON-EXEMPT: Oil field	wastes generated from oil and gas exploration and prod basis only) waste which is non-hazardous that does not exceed the 261.21-261.24, or listed hazardous waste as defined by 4	minimum standards for was	te hazardous by characteristics established in R	CRA regula
RCRA NON-EXEMPT: per load 40 CFR waste a	basis only) waste which is non-hazardous that does not exceed the 261.21-261.24, or listed hazardous waste as defined by 4 s non-hazardous is attached. (Check the appropriate iten formation RCRA Hazardo	minimum standards for was 10 CFR, part 261, subpart D, a	te hazardous by characteristics established in R	CRA regula onstrating t elow)
RCRA NON-EXEMPT:  Oil field 40 CFR waste a  MSDS I  (PRINT) AUTHORIZED AGENTS SIGN  Insporter's The dress	basis only) waste which is non-hazardous that does not exceed the 261.21-261.24, or listed hazardous waste as defined by 4 s non-hazardous is attached. (Check the appropriate iten formation RCRA Hazardo  ATURE DATE  TRANSPOR  Driv Pho	minimum standards for was 10 CFR, part 261, subpart D, and sa provided) and Waste Analysis  TER  ver's Name one No	te hazardous by characteristics established in R s amended. The following documentation demo	CRA regula onstrating relow)
RCRA NON-EXEMPT:  Oil field 40 CFR waste a  MSDS I  (PRINT) AUTHORIZED AGENTS SIGN  Insporter's me dress  one No.  reby certify that the above named material(s) waster and the sign of th	waste which is non-hazardous that does not exceed the 261.21-261.24, or listed hazardous waste as defined by 4 s non-hazardous is attached. (Check the appropriate iten formation RCRA Hazardo  ATURE DATE  TRANSPOR  Driv Pho Truu WH- was/were picked up at the Generator's site listed above a	minimum standards for was 10 CFR, part 261, subpart D, and sa provided) nus Waste Analysis  TER  ver's Name one No. ck No. dr No	te hazardous by characteristics established in R is amended. The following documentation demo	CRA regula
RCRA NON-EXEMPT:  Oil field 40 CFR waste a  MSDS I  (PRINT) AUTHORIZED AGENTS SIGN  Insporter's The dress  One No.  Treby certify that the above named material(s) was the company of the	basis only) waste which is non-hazardous that does not exceed the 261.21-261.24, or listed hazardous waste as defined by 4 s non-hazardous is attached. (Check the appropriate iten formation RCRA Hazardo  ATURE DATE  TRANSPOR  Driv Pho True WH	minimum standards for was 10 CFR, part 261, subpart D, and as provided) as a provided pus Waste Analysis  TER  ver's Name pone No. ck No. de N	te hazardous by characteristics established in R is amended. The following documentation demo	CRA regular
RCRA NON-EXEMPT:  Oil field 40 CFR waste a  MSDS I  (PRINT) AUTHORIZED AGENTS SIGN  Insporter's me dress  One No. Treby certify that the above named material(s) was  SHIPMENT DATE  TRUCK TIME STAMP  N: OUT:  P Name/ mit No. Red Bluff Facility / 5053 US Hwy 285, Company 285, Com	waste which is non-hazardous that does not exceed the 261.21-261.24, or listed hazardous waste as defined by 4 s non-hazardous is attached. (Check the appropriate iten formation RCRA Hazardo  ATURE DATE  TRANSPOR  Drivers signature  DISPOSAL FA  STF-065  Pho  Orla, TX 79770	minimum standards for was 10 CFR, part 261, subpart D, and sa provided) nus Waste Analysis  TER  ver's Name one No. ck No. 41P No. 41P No. 422-444	te hazardous by characteristics established in R is amended. The following documentation demonstration of the following documentation of the following documentation of the following documentation of the following documentation demonstration demonstratio	CRA regularistrating telow)
Per load  Oil field 40 CFR waste a  MSDS I  (PRINT) AUTHORIZED AGENTS SIGN  Insporter's The dress  One No. Treby certify that the above named material(s) was the company of the company o	waste which is non-hazardous that does not exceed the 261.21-261.24, or listed hazardous waste as defined by 4 s non-hazardous is attached. (Check the appropriate item formation RCRA Hazardo  ATURE DATE  TRANSPOR  Driver's SIGNATURE  DISPOSAL FA  STF-065  Pho  Circle One) YES NO If Y	minimum standards for was 10 CFR, part 261, subpart D, and sa provided) nus Waste Analysis  TER  ver's Name one No. ck No. 41P No. 41P No. 422-444	te hazardous by characteristics established in R is amended. The following documentation demonstration of the following documentation of the same of the same of the following documentation of the same of the s	CRA regular
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ity, State, Ziphone No	provide the Field name and Block number of 14 digits, where and well name of the Purchase Order (PO) number	County  API No.  Rig Name & No.  AFE/PO No.	300/549001	County - Provide the API No Provide the Itig Mann & No Provide the ARIPO No Provide ARIPO No Provide
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Released to Imaging: 12/4/2024				

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nereby certify that the above listed material(s ackaged, and is in proper condition for transpo	), is (are) not hazardous waste as defined by 40 CFR Part 261 or an	y applicable state l	law. That each waste has been	properly described, classified a
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CHEVRON MCBU									
Carlsbad, NM									
NO #CAR- 7669 NON-HAZARDOUS WASTE MANIFEST 1. PAGE_OF_ 2. TRAILER NO.									
C	G CHEVRON CARLSBAD 4. ADDRESS 5. PICK-UP DATE								
G	PHONE NO. CITY STATE ZIP 6.								
E	575-887-5676  7. NAME OR DESCRIPTION OF WASTE SHIP		AD, NM 882		AINERS	9. TOTAL	10. UNIT 11.		
		PED:		No.	Type	QUANTITY			
N	a. Dirt					20			
E	b. API: 300 1549001								
	d. Ciencla SIH			1-11-4					
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A	12. COMMENTS OR SPECIAL INSTRUCTION (57-) 988-3070					13. WASTE PI	ROFILE NO.		
A	14. IN CASE O	F EMERGENCY (	OR SPILL, CO	ONTAC	T				
T	CHEVRON CARLSBAD						EMERGENC' 887-5676		
0	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this co	onsignme	nt are full				
	PRINTED TYPED NAME	KTEL	CICNATURE				D.U	TIP.	
R	Kenny Tucker		SIGNATURE	Kene	n/ -	Tucker	DA	lE	
T R	16. TRANSPORTER (1) NAME		17. NAME	TRANSPORTER (2)					
AN	IVALVIL P///		NAME						
S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E	MERGE	NCY CO	NTACT:			
P	EMERGENCY PHONE:		EMERGENCY	PHONE					
R T	18. TRANSPORTER (1): Acknowledgment of	f receipt of material	19. TRANSP		An.	VIII	0/2/	aterial	
E R	PRINTED/TYPED NAME 7 C14 / / //	In-11-21	PRINTED/TYP	1/1/1	/	1.11.1	10.11.2	4	
S	SIGNATURE THEY DERRY	DATE	SIGNATURE _	11/11/	DERK		DATE		
D F	R360 Environmental Solutions 5053 US Hwy 285 Orla, TX 79779	ADDRESS:				PHONE:			
S C P I O L	PERMIT NO. 7 1-065		20. COMMENT	S					
S I A T	21. DISPOSAL FACILITY'S CERTIFICATION facility is authorized and permitted to receive such		fy that the above	described	wastes w	ere delivered to	this facility,	that the	
LY	AUTHORIZED SIGNATURE		CELL NO.		DATE	THE LIE	TIME		
	Jorya Joring		D7		10-	11-24	11-30	DAN	

GENERATOR: COPY 1

TRANSPORTER: COPY 2

Received by OCD: 10/21/2024 1:53:12 Byomer: Page 103 of 144 CHEVRON MIDCONTINENT LP Ticket #: 700-1633393 Customer #: CRI1920 Bid #: O6UJ9A000KKV Ordered by: KENNY TUCKER Date: 10/11/2024 AFE #: Generator: Chevron PO #: Generator #: Manifest #: HW-703921 Well Ser. #: 49001C SOLUTIONS Manif. Date: 10/11/2024 Well Name: CICADA UNIT Hauler: MCNABB PARTNERS Well #: Permian Basin 051H Driver ACIE Field: Truck # M83 Field #: Card # Rig: NON-DRILLING Job Ref# 8829 County EDDY (NM) Facility: CRI Product / Service **Quantity Units** Contaminated Soil (RCRA Exempt) 20.00 yards Generator Certification Statement of Waste Status I hereby certify that according to the Resource Conservation and Recovery Act (RCRA) and the US Environmental Protection Agency's July 1988 regulatory determination, the above described waste is: X RCRA Exempt: Oil Field wastes generated from oil and gas exploration and production operations and are not mixed with non-exempt waste \_ RCRA Non-Exempt: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24 or listed hazardous waste as defined in 40 CFR, part 261, subpart D, as amended. The following documentation is attached to demonstrate the above-described waste is non-hazardous. (Check the appropriate items): \_ MSDS Information \_ RCRA Hazardous Waste Analysis \_ Process Knowledge \_ Other (Provide description above) **Driver/ Agent Signature R360 Representative Signature Customer Approval** 

THIS IS NOT AN INVOICE!

Date:

t6UJ9A023MNW

Approved By:

Received by OCD: 10/21/2024 1:53:12 PM NEW MEXICO NON-HAZARDOUS OILFIELD WASTE MANIFEST Rage 104 of 144

Company Man Contact Information (PLEASE PRINT) \*REQUIRED INFORMATION\*5 **GENERATOR** Generator Manifest # Location of Origin Lease/Well Generator Name Name & No. Address County API No. City, State, Zip Rig Name & No. Phone No. AFE/PO No. EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards Oil Based Muds NON-INJECTABLE WATERS Oil Based Cuttings Washout Water (Non-Injectable) Water Based Muds Completion Fluid/Flow Back (Non-Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Formation Solids Gathering Line Water/Waste (Non-Injectable) Tank Bottoms INTERNAL USE ONLY OP SOIL & CALICHE SALES **E&P** Contaminated Soil Fruck Washout (exempt waste) Gas Plant Waste YES QUANTITY TOP SOIL CALICHE WASTE GENERATION PROCESS DRILLING COMPLETION **PRODUCTION GATHERING LINES** NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity Non-Exempt Other \*please select from Non-Exempt Waste List on back DISPOSAL QUANTITY **B-BARRELS** L - LIQUID Y - YARDS E - EACH I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation. RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) RCRA NON-EXEMPT: Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) RCRA Hazardous Waste Analysis Other (Provide Description Below) **EMERGENCY NON-DILFIELD** Emergency non-hazardous, non-oilfield waste that has been ordered by the Department of Public Safety (the order, documentation of non-hazardous waste determination and a description of the waste must accompany this form) (PRINT) AUTHORIZED AGENTS SIGNATURE SIGNATURE **TRANSPORTER** Transporter's Name Driver's Name Address **Print Name** Phone No. Phone No. Truck No I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below SHIPMENT DATE DRIVER'S SIGNATURE TRUCK TIME STAMP RECEIVING AREA IN: OUT: Name/No. Site Name/ Halfway Facility / NM1-006 Permit No. 575-392-6368 Phone No. 6601 Hobbs Hwy US 62 / 180 Mile Marker 66 Carlsbad, NM 88220 Address NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) YES NO PASS THE PAINT FILTER TEST? (Circle One YES NO **TANK BOTTOMS** 1st Guage BS&W/BBLS Received BS&W (%) 2nd Guage Free Water Received Total Received I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? Released to Imaging: 12/4/2024 4:27:45 PM

White - R360 ORIGINAL

Pink- GENERATOR SITE COPY GOLD RETURN TO CENEDATOR

CHEVRON MCBU									
Carlsbad, NM									
NO #CAR- 8829 NON-HAZARDOUS WASTE MANIFEST 1. PAGE_OF_ 2. TRAILER NO.									
G	3. COMPANY NAME  CHEVRON CARLSBAD	HEROCOCO CHIC	LOMAS DR.		6	PICK-UP DATI	E 10.	11-24	
E									
N	a. Dict	PED:		No.	Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
E	b. Cicada SIH					20			
	c. API: 300 154900	1							
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T	CHEVRON CARLSBAD			21,1710		24-HOUR 575-	EMERGE -887-56		
o	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this co	onsignme	ent are full	y and accurate	y describe	d above.	
R	PRINTED TYPED NAME Kenny Tucker (	KTFC)	SIGNATURE	1	7	2		DATE	
T R A	16. TRANSPORTER (1) NAME		17. NAME	TR	ANSPO	RTER (2)			
N S P	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		IN CASE OF E	F EMERGENCY CONTACT:					
O R T	18. TRANSPORTER (1): Acknowledgment o		19. TRANSP	NSPORTER (2): Acknowledgment of receipt of material					
E R S	SIGNATURE CIE MAYNERRY	14-11-24 DATE	PRINTED/TYP			10	DATE	4	
D F	R360	ADDRESS:				PHONE:			
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S I A T L Y	21. <b>DISPOSAL FACILITY'S CERTIFICA</b> facility is authorized and permitted to receive such	ATION: I Hereby certi wastes.	fy that the above	described	l wastes w	ere delivered to	this facil	ity, that the	
	AUTHORIZED SIGNATURE		CELL NO.		DATE 10	111/27	TIM	Е	
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GENERATOR: COPY 1

TRANSPORTER: COPY 2

Received by OCD; 10/21/2024 1:53:12 PMEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST \*REQUIRED INFORMATION\* (PLEASE PRINT) **GENERATOR** Permit/RRC No. Operator No. Lease/Well Operators Name Name & No. Address County API No. City, State, Zip Rig Name & No. Phone No AFE/PO No EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) Oil Based Muds Oil Based Cuttings Washout Water (Non-Injectable) Water Based Muds Completion Fluid/Flow Back (Non-Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Formation Solids Gathering Line Water/Waste (Non-Injectable) Tank Bottoms INTERNAL USE ONLY **E&P** Contaminated Soil Truck Washout (exempt waste) Gas Plant Waste WASTE GENERATION PROCESS DRILLING COMPLETION 7 PRODUCTION **GATHERING LINES** NON-EXEMPT E&P Waste/Service Identification and Amount All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity Non-Exempt Other \*please select from Non-Exempt Waste List on back QUANTITY B-BARRELS Y-YARDS E-EACH I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation RCRA EXEMPT Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, RCRA NON-EXEMPT: 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE TRANSPORTER Transporter's Name Driver's Name Address Phone No. Truck No. Phone No. WHP No. I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DRIVER'S SIGNATURE **DELIVERY DATE** DRIVER'S SIGNATURE TRUCK TIME STAMP RECEIVING AREA OUT: IN: Name/No Site Name/ Permit No. Red Bluff Facility / STF-065 432-448-4239 Phone No. Address 5053 US Hwy 285, Orla, TX 79770 NORM READINGS TAKEN? (Circle One) If YES, was reading > 50 micro roentgents? (Circle One) NO NORM (mR/hr) Feet Inches 1st Guage BS&W Received BS&W (%) 2nd Guage Free Water Received Total Received I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? NAME (PRINT) SIGNATURE don Released to Imaging: 12/4/2024 4:27:45 PM Blue-TRANSPORTER

Yellow - GENERATOR

308.R360-5160R

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ENVIRONMENTAL SOLUTIONS	(PLEAS	SE PRINT) *REQUI	RED INFORMATION* Name	プタピ アトフロ
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JANTITY	B-BARRELS	estrett genius A sveib act 1		E-EACH
reby certify that the above listed material(s), is (are kaged, and is in proper condition for transportation	not hazardous waste as defined by 40 CFR	Part 261 or any applicable st	ate law. That each waste has been prop	erly described, classified
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CHEVRON MCBU									
Carlsbad, NM									
NO #CAR- 7667 NON-HAZARDOUS WASTE MANIFEST 1. PAGEOF 2. TRAILER NO.									
5/12	3. COMPANY NAME	4. ADDRESS				PICK-UP DATI		100	
G	CHEVRON CARLSBAD 5301 LOMAS DR.								
	PHONE NO. 575-887-5676		STATE AD, NM 882		ZIP O.				
E	7. NAME OR DESCRIPTION OF WASTE SHIP			8. CON	TAINERS	9. TOTAL	10. UNIT	11.	
N	a. 7 1			No.	Туре	QUANTITY	WT/Vol.		
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T	16. TRANSPORTER (1)		17. TRANSPORTER (2)						
R	NAME A		NAME						
N S	IN CASE OF EMEDICING CONTACT.		DI CASE OF F	MEDGE	NEV CO	ALTA CIT.			
P	IN CASE OF EMERGENCY CONTACT: EMERGENCY PHONE:		IN CASE OF E EMERGENCY			NIACI;			
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S	SIGNATURE / CIC / // PYSCARY	DATE	SIGNATURE /	701	1 / []	PHONE:	DATE		
D F	R360 Environmental Solutio	ADDRESS: ns - Red Bluff				PHONE			
I A	5053 US Highway	285	Iso covers						
S C P I	PERMIT NO. Orla, TX 79770 432-4	48-4239	20. COMMENT	S					
O L S I	21. DISPOSAL FACILITY'S CERTIFIC	ATION: 1 Hereby cert	ify that the above	describe	d wastes v	vere delivered	to this facil	ity, that the	
A T L Y	facility is authorized and permitted to receive suc		(A)			0/11/21	/	2, 110	
- T	AUTHORIZED SIGNATURE	7.10	CELL NO.		DATE	1.00	TIM	E	
	A DALICE CIRCLE	IVI			1	().00	111		

GENERATOR: COPY 1

TRANSPORTER: COPY 2

R360 1	ETZ PM EXAS NON-HAZARDOUS OILFIELD WASTE	Name /OFCKEN
ENVIRONMENTAL SOLUTIONS:	(PLEASE PRINT) *RE	OUIRED INFORMATION*5 Phone No. 3474
Operator No.	GENERATOR	No. 330501
Operators Name CHEVROJOM	Permit/RRC No. Lease/Well	C.0.0.10.51.4
Address	Name & No. County	Control of the contro
City, State, Zip	API No. Rig Name & No.	300/5 4700/
Phone NoEYEMPT EX.D.M	AFE/PO No.	UERE19780 MORNIE
Oil Based Muds Oil Based Cuttings	Vaste/Service Identification and Amount (place volume next t NON-INJECTABLE WATERS	o waste type in barrels or cubic yards)  OTHER EXEMPT WASTES (type and generation process of the waste
Water Based Muds Water Based Cuttings	Washout Water (Non-Injectable) Completion Fluid/Flow Back (Non-Injectable) Produced Water (Non-Injectable)	= BEILY DUMP
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (Non-Injectable)	1005 lot in all form on the stamps may V - meitesteril.
E&P Contaminated Soil Gas Plant Waste	INTERNAL USE ONLY  Truck Washout (exempt waste)	no manual in efficient willing at the low could be the formation
WASTE GENERATION PROCESS: DRI	ILLING COMPLETION PRODU	JCTION GATHERING LINES
All non-exempt E&F	NON-EXEMPT E&P Waste/Service Identification and waste must be analysed and be below threshold limits for toxicity (	Amount TCLP), Ignitability, Corrosivity adn Reactivity.
Non-Exempt Other		select from Non-Exempt Waste List on back
QUANTITY	B-BARRELS	L'AGI
nereby certify that the above listed material(s), is (are backaged, and is in proper condition for transportation	) not hazardous waste as defined by 40 CFR Part 261 or any applicab according to applicable regulation.	le state law. That each waste has been properly described, classified and
RCRA EXEMPT: Oil field was per load bas	tes generated from oil and gas exploration and production operation is only)	and are not mixed with non-exempt waste (R360 Accepts certifications of
RCRA NON-EXEMPT: Oil field was	te which is non-hazardous that does not exceed the minimum standa	ards for waste hazardous by characteristics established in RCRA regulatio subpart D, as amended. The following documentation demonstrating the
waste as not	n-hazardous is attached. (Check the appropriate items as provided)	
The second secon	TIGHA Hazardous Waste Arialys	Other (Provide Description Below)
(PRINT) AUTHORIZED AGENTS SIGNATUR	DATE	SIGNATURE
ransporter's	TRANSPORTER	A supplementation of the second of
Name Address	Driver's Name Phone No.	HOLE MAYERRY
hone No.	Truck No.	M 83
	WHP No. were picked up at the Generator's site listed above and delivered wit	hout incident to the disposal facility listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE DELIVERY DATE	HOLE PROPERTY
TRUCK TIME STAMP	DISPOSAL FACILITY	RECEIVING AREA
IN: OUT:	County amenages on page 2 months of any or a county of the	Name/No.
ite Name/ ermit No. Red Bluff Facility / STF		432-448-4239
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st Guage Feet	Inches	BS&W Received BS&W (%)
nd Guage eceived	The transfer of the first transfer of the fi	Free Water Total Received
hereby certify that the above load material has been (c	circle one): ACCEPTED DENIED	If denied, why?
NAME (PRINT)	DATE TITLE	Controlled and Index Learning and Secretary Programmes Signature
		SIGNATURE also product for
Released to Imaging: 12/4/2024 4:2 7) 499-0492	ONIGINAL Blue-TRANSPORTER Y	ellow - GENERATOR 308.R360-516

SOLUTIONS		NON-HAZARDOUS O		INFORMATION*	ny MPaget110 of 14
		TOURISM TOURISM	mi anton a regionim gir sin	Phone I	No. H. J.
Operator No.		GENER		NO. 35	5688
Operators Name CHEVE	Paradmun 200 min	Ablumin produkti ili sedenos	Permit/RRC No	0010 7111	Permiossinc No.
Address	redmon about bee	ro, provide the Fall name	Name & No.	MEN MINING THE	County - Provide
City, State, Zip		ango et orç amun llaw due indimin	API No.  Rig Name & No.	VIS 7517 VOI	API No Provid
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Oil Based Cuttings Vater Based Muds Vater Based Cuttings Produced Formation Solids ank Bottoms &P Contaminated Soil	Washout Completion Produced Gathering INTERNAL	Water (Non-Injectable) n Fluid/Flow Back (Non-Injecta Water (Non-Injectable) Line Water/Waste (Non-Inject USE ONLY	and the second second	Bally Dun	Orilling - Wood Intest Congress Production Commercial for
Gas Plant Waste  WASTE GENERATION PROCESS:	Truck Was	hout (exempt waste)	- PROPULATION	latini alistwoballiga ja rlaidweira esia astro-bana tana esia sa	the section of
VASTE GENERATION PROCESS.		COMPLETION	PRODUCTION	☐ GATHERING LIN	ES
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100 C		0.000		m <b>Non-Exempt Waste List</b> on ba	ck sharpman
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one No.	erial(s) was/were picked up at		Driver's Name Phone No. Truck No. WHP No.	NAYLEA  MAYLEA  MAYLEA	him Based Mud  Water Based Children  Officer Based Children  Water Based Di
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CHEVRON
MCBU

Mebe									
	Carlsbad, NM								
NO #(	CAR- 7675 NON-HAZARI	DOUS WASTE N	MANIFEST	1. PAC	E_OF	2. TRAIL	ER NO.		
G	3. COMPANY NAME CHEVRON CARLSBAD	4. ADDRESS	OMAS DR.		5. P	ICK-UP DATI	E/0./	1.24	
G	PHONE NO. 575-887-5676	CITY S	TATE		ZIP 6.				
E	7. NAME OR DESCRIPTION OF WASTE SHIP		AD, NM 882	8. CONT	AINERS	9. TOTAL	10. UNIT	11.	
N	a.			No.	Туре	QUANTITY	WT/Vol.		
	b. API 30015	41270x31							
E	c. Cicada 514								
R	d. 40125 14700								
	12. COMMENTS OR SPECIAL INSTRUCTION					13. WASTE I	PROFILE 1	VO.	
A	14. IN CASE O	OF EMERGENCY O	R SPILL, CO	ONTAC	T				
T	CHEVRON CARLSBAD						EMERGE -887-56		
0	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this co	onsignme	ent are full				
0						400			
R	PRINTED TYPED NAME	- KTFL	SIGNATURE	V		Tuck		DATE	
T	16. TRANSPORTER (1)	MALLY	17.	TR	ANSPO	RTER (2)			
R A	NAME P		NAME						
N S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E	EMERGE	NCY CO	NTACT:		Africa de la	
P	EMERGENCY PHONE:		EMERGENCY	100000000000000000000000000000000000000					
R T	18. TRANSPORTER (1): Acknowledgment of	of receipt of material	19. TRANSP		1	nowledgment	of receipt	of material	
E R	PRINTED/TYPED NAME	Carll 54	PRINTED/TY		MAYI	SPERI	DATE	7.24	
S	SIGNATURE I HAY DERRY	ADDRESS:	SIGNATURE	~ / 1	7.7	PHONE			
D F	R360 Environmental Solutions 5053 US Hwy 285								
I A S C P I	Oria, TX 79779 PERMIT NO.		20. COMMEN	ΓS	11 11 11				
O L S I	21. DISPOSAL FACILITY'S CERTIFIC	ATION: I Harahu aart	for that the above	describe	d wastes	vere delivered	to this faci	lity that the	
A T L Y	facility is authorized and permitted to receive suc		ny mat me above	describe	u wastes v	vere delivered			
LI	AUTHORIZED SIGNATURE		CELL NO.		DATE	-11.74	TIN	1E 2+470-,	
	Jury Jeva		<i>y</i>		10	11.7.1		- 1/2	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

H360	53:12 PMEXAS NON-HAZARDOUS		The state of the s	Company Magaca 112 of 112
ENVIRONMENTAL	(I LEAL	SE PHINT) REQUIRE	D INFORMATION*5	Phone No. 3 4 70
Operator No.	GENE	RATOR	not reunbha senni NO.	355689
01/ 12 1	and any 2000 and any	Permit/RRC No Lease/Well	permission transfer and p	Phono No. = Province a Province Am. = Province Am.
Operators Name (16 VRV)	nber. If alfahore, provide the OCS mimber provide the Fredminne and Block market	Name & No	I GARA	Formsk HaW \seas.
N. C 7	Aligh 41	API No.	015 490	O James - James
City, State, ZipPhone No.	10droen (US) word southwish like	Rig Name & No.  AFE/PO No.	CR House 12	PP() - aid is one of pile
EXEMPT E&F	Waste/Service Identification and Amount		type in barrels or cubic va	ords)
Dil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectable)			type and generation process of the wat
Nater Based Muds Vater Based Cuttings	Completion Fluid/Flow Back (Non-Inje Produced Water (Non-Injectable)	ectable)	BellyD	ump
roduced Formation Solids	Gathering Line Water/Waste (Non-Inj	ectable)	Grin arti primiti dutamente	Production - Waste g
&P Contaminated Soil	INTERNAL USE ONLY Truck Washout (exempt waste)	- I a llovania in market	isd at allow bottom in da	
VASTE GENERATION PROCESS:	PRILLING COMPLETION	PRODUCTION	☐ GATHERII	NG LINES
All non averant E	NON-EXEMPT E&P Waste/S	ervice Identification and Amount		
Ion-Exempt Other	&P waste must be analysed and be below thres		nitability, Corrosivity adn Reac om <b>Non-Exempt Waste Lis</b>	
UANTITY	B-BARRELS #1	and the dever hauling the was	⊋ ♥ Y-YARDS	E-EACH
ereby certify that the above listed material(s), is (a	are) not hazardous waste as defined by 40 CFR	Part 261 or any applicable state I		
staged, dita is in proper condition for transportati	on according to applicable regulation.			
per load b	rastes generated from oil and gas exploration a asis only)	nd production operation and are	not mixed with non-exempt w	aste (H360 Accepts certifications
which was the activity.		Hazardous Waste Analysis	W Shiring	Provide Description Below)
(PRINT) AUTHORIZED AGENTS SIGNA	TRANS	PORTER	SIGNATURE	and the first based (b) a continue out to more out to
ansporter's	i) a	Driver's Name	IF MAN	LEKE Winds wie
Idress Idade and	0 •	Phone No.	is is a substitution of the substitution of th	all house Wager Broad Dr.
one No.		Truck No.	2183	stor Based Curtings  * Water Borgd Drill cutting
ereby certify that the above named material(s) wa	s/were picked up at the Generator's site listed		dent to the disposal facility lis	ited below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	HOLE DRIV	VER'S SIGNATURE
TRUCK TIME STAMP	DISPOSAL	LFACILITY	RECEIVIN	NG AREA
N: OUT:	N *	deposits romoved from p	Name/No	D Test beautiest »
e Name/ mit No. Red Bluff Facility / S	TF-065	Phone No. 432-	448-4239	H la wygolad
dress	la, TX 79770	w notemptab. Josep as e e	- untitled shart water be	Bosic sodiment, warm: an
NORM READINGS TAKEN? (	Circle One) YES NO	If YES, was reading > 50 m NORM (mR/hr)		ne) YES NO
Feet	Inches TANK BO	OTTOMS		omega <del>n o austono</del> Accomulatão carretota e
Guage Guage	addur dissol dibra a		Received	BS&W (%)
ceived	and how southern 6 from 6.19		ee Water Received	ingoundments
reby certify that the above load material has been	n (circle one): ACCEPTED	DENIED If denied	1. whv?	
NAME (PRINT)	10-(1-2 y	77 (	Limited Don't by man 1940	must enothmostyd blogid e wile mod fon hed meste.
		TITLE	another than of the second	SIGNATURE TO THE PARTY OF THE P
Released to Imaging: 12/4/2024 4	e - Original Blue- Transp	ODTED Valley C	ENERATOR	308.R360-5

	CHEVRON MCBU								
Carlsbad, NM									
NO #	CAR- 8830 NON-HAZARI	DOUS WASTE	MANIFEST	1. PA	GE_OF	2. TRAIL	ER NO.		
G	3. COMPANY NAME  CHEVRON CARLSBAD	4. ADDRESS	LOMACDD		5. F	PICK-UP DATI	E/0	11 901	
G	PHONE NO.		LOMAS DR. STATE		ZIP 6.		101		
E	575-887-5676		BAD, NM 882						
	7. NAME OR DESCRIPTION OF WASTE SHIP	PED:		8. CON No.	TAINERS Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
N (	a. Dirt					20			
	b. Cicada 51H								
E	C. API: 300 54900								
R	d. UCBE14700								
	12. COMMENTS OR SPECIAL INSTRUCTION	S:				13. WASTE P	ROFILE N	IO.	
A	W 0 (07 0								
Т	14. IN CASE C	OF EMERGENCY	OR SPILL, CO	DNTAC	T	24-HOUR	EMERGE	NCY NO.	
1	CHEVRON CARLSBAD			200			-887-56		
O	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this c	onsignme	ent are full	y and accurate	ly describe	d above.	
R	Renny Tucker	(KTFC)	SIGNATURE	7	Tr			DATE	
T R	16. TRANSPORTER (1) NAME		17. NAME M			RTER (2)			
A	IVAIVIE		NAME MCNABOP.						
N S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E	SE OF EMERGENCY CONTACT:					
P	EMERGENCY PHONE:		EMERGENCY	PHONE	i:				
R T	18. TRANSPORTER (1): Acknowledgment of	f receipt of material	19. TRANSP	ORTE	-			f material	
E R	PRINTED/TYPED NAME		PRINTED/TYI			JUME	r 1(.		
S	SIGNATURE	DATE	SIGNATURE .	4	ins	R	DATE )	0-11-24	
D F	2360	ADDRESS:				PHONE:			
S C P I O L	PERMIT NO.		20. COMMENT	`S					
S I A T	21. <b>DISPOSAL FACILITY'S CERTIFIC</b> facility is authorized and permitted to receive such		tify that the above	describe	d wastes v	vere delivered t	o this facil	ity, that the	
LY	AUTHORIZED SIGNATURE		CELL NO.		DATE /	plule	Y TIM	Е	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

Received by OCD: 10/21/2024 1:53.  RESIDENTIFICATIONS  RECEIVED BY OCD: 10/21/2024 1:53.	Customer #:	KENNY TUCKER  HW-703940	Ticket #: Bid #: Date: Generator: Generator #: Well Ser. #: Well Name:	O6UJ9A000KK 10/11/2024 Chevron 49001C	<i>Page 114 of 144</i> V		
Permian Basin	Hauler: Driver Truck # Card # Job Ref #	MCNABB PARTNERS GUMER M-90 8830	Well #: Field: Field #: Rig: County	051H  NON-DRILLING EDDY (NM)	;		
Facility: CRI		7.000	County				
Product / Service	2 7 7 7	Quantity U	- 14-				
Contaminated Soil (RCRA Exemp	t)	20.00 yards					
Generator Certification Statement I hereby certify that according to the Re 1988 regulatory determination, the above X RCRA Exempt: Oil Field wastes get RCRA Non-Exempt: Oil field wastes Characteristics established in RCRA regulatory amended. The following documentation MSDS Information RCRA Hard	esource Conserve we described was enerated from oif which is non-legulations, 40 CF on is attached to	ration and Recovery Act (RCRA) and ste is:  I and gas exploration and production of pazardous that does not exceed the min R 261.21-261.24 or listed hazardous with demonstrate the above-described wast	operations and nimum standard aste as defined e is non-hazard	are not mixed with ds for waste hazard in 40 CFR, part 20 dous. (Check the a	n non-exempt was dous by 61, subpart D, as ppropriate items):		
Driver/ Agent Signature		R360 Representative Sig	nature	F - 3			
Leny Kd >			1				
Customer Approval	3.45						
	THIS	S IS NOT AN INVOIC	E!				

t6UJ9A023MNJ Released to Imaging: 12/4/2024 4:27:45 PM

(PLEASE PRINT) \*REQUIRED INFORMATION\*

Compar	ny Man Contact Information
Name _	KENNEDY
Phone N	lo.

Gold- RETURN TO GENERATOR

SOLUTIONS			Ph	none No
0	GENE	ERATOR	NO.H	W- 703940
Generator Manifest #CHEVRON		Location of Origin Lease/Well Name & No.	CICADA SI	H
Address		County API No.	10015-490	01
City, State, Zip ———————————————————————————————————		Rig Name & No		Company
	ervice Identification and Amoun		type in barrels or cubic yar	ds)
Oil Based Muds Oil Based Cuttings	ON-INJECTABLE WATERS /ashout Water (Non-Injectable)		OTHER EXEMPT E&P WAST	
Water Based Muds Water Based Cuttings Produced Formation Solids Tank Rottoms Ge	ompletion Fluid/Flow Back (Non-Injo oduced Water (Non-Injectable) athering Line Water/Waste (Non-In		BELLY [	)ump
E&P Contaminated Soil	ITERNAL USE ONLY uck Washout (exempt waste)	YES NO	TOP SOIL & CALICHE SALES QUANTITY	TOP SOIL CALICHE
WASTE GENERATION PROCESS: DRILLING	COMPLETION	☐ PRODUCTION	GATHERIN	
All non-exempt F&P waste m	NON-EXEMPT E&P Waste/S nust be analysed and be below three	Service Identification and Amount	nitability Correcivity adn React	ivity
Non-Exempt Other	deces didipod and so below the		om Non-Exempt Waste List	
DISPOSAL QUANTITY	B - BARRELS	L - LIQUID	Y-YARDS 20	E - EACH
per load basis only)  RCRA NON-EXEMPT:  Oil field waste which 40 CFR 261.21-261.24	ig to applicable regulation. rated from oil and gas exploration is non-hazardous that does not ext 4, or listed hazardous waste as deficus is attached. (Check the appropriate of the control of the cont	and production operation and are of the minimum standards for which ined by 40 CFR, part 261, subpart I	not mixed with non-exempt wa vaste hazardous by characteris D, as amended. The following	aste (R360 Accepts certifications on a tics established in RCRA regulations, documentation demonstrating the
EMERGENCY NON-OILFIELD Emergency non-hazar determination and a control of the con		peen ordered by the Department of		Provide Description Below) mentation of non-hazardous waste
(PRINT) AUTHORIZED AGENTS SIGNATURE		DATE BPORTER	SIGNATURE	
Address	NEIZS	Driver's Name Print Name	INMEN R	
Phone No. 575-391- Transporter Ticket #	0050	Phone No	M-90	
I hereby certify that the above named material(s) was/were pick	red up at the Generator's site listed	above and delivered without incident to the delivery date.	Glener	ted below.  R ER'S SIGNATURE
TRUCK TIME STAMP		L FACILITY	RECEIVIN	200 CT = 200 TH 2 (14 CT = 200 TH )
IN: OUT:			Name/No	28
Site Name/ Permit No. Address  Halfway Facility / NM1-006 6601 Hobbs Hwy US 62/180 Mile Mar	ker 66 Carlsbad, NM 88220	Phone No. 575-3	392-6368	
NORM READINGS TAKEN? (Circle One PASS THE PAINT FILTER TEST? (Circle One	The state of the s	If YES, was reading > 50 m	nicro roentgents? (Circle Or	ne) YES NO
Feet	TANK B	OTTOMS		
1st Guage 2nd Guage Received	IIICHES		Received ee Water Received	BS&W (%)
I hereby certify that the above load material has been (circle one	DATE ///	DENIED If denied	I, why?	SIGNATURE
C-1 Released to Imaging: 12/4/2024 4:27:45  donc@northstarforms.com/(877)499-0492 White - R360 URIGHT	PM NAL Yellow- TRANSPORTER C	OPY Pink- GENERATOR SITE		

donc@northstarforms.com (877)499-0492

Received by OCD: 10/21/2024 1:53:12 PMEXAS NON-HAZARDOUS OILFIELD WASTE MANIFEST Company MPage 116 of 144 n (PLEASE PRINT) \*REQUIRED INFORMATION Phone No. **GENERATOR** Operator No Permit/RRC No. Lease/Well Operators Name 月子 V p stogicum 200 act oblivers prioritite 11 ac Name & No. Address County API No. City, State, Zip Rig Name & No. Phone No. AFE/PO No EXEMPT E&P Waste/Service Identification and Amount (place volume next to waste type in barrels or cubic yards) Oil Based Muds NON-INJECTABLE WATERS Oil Based Cuttings Washout Water (Non-Injectable) Water Based Muds Completion Fluid/Flow Back (Non-Injectable) Water Based Cuttings Produced Water (Non-Injectable) Produced Formation Solids Gathering Line Water/Waste (Non-Injectable) Tank Bottoms NTERNAL USE ONLY E&P Contaminated Soil Gas Plant Waste Truck Washout (exempt waste) WASTE GENERATION PROCESS DRILLING COMPLETION **PRODUCTION GATHERING LINES** NON-EXEMPT E&P Waste/Service Identification and Amount
All non-exempt E&P waste must be analysed and be below threshold limits for toxicity (TCLP), Ignitability, Corrosivity adn Reactivity. Non-Exempt Other \*please select from Non-Exempt Waste List on back QUANTITY **B-BARRELS** Y-YARDS E-EACH I hereby certify that the above listed material(s), is (are) not hazardous waste as defined by 40 CFR Part 261 or any applicable state law. That each waste has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulation. RCRA EXEMPT: Oil field wastes generated from oil and gas exploration and production operation and are not mixed with non-exempt waste (R360 Accepts certifications on a per load basis only) Oil field waste which is non-hazardous that does not exceed the minimum standards for waste hazardous by characteristics established in RCRA regulations, 40 CFR 261.21-261.24, or listed hazardous waste as defined by 40 CFR, part 261, subpart D, as amended. The following documentation demonstrating the waste as non-hazardous is attached. (Check the appropriate items as provided) MSDS Information RCRA Hazardous Waste Analysis Other (Provide Description Below) (PRINT) AUTHORIZED AGENTS SIGNATURE DATE SIGNATURE TRANSPORTER Transporter's Name Driver's Name Address Phone No Truck No. Phone No WHP No I hereby certify that the above named material(s) was/were picked up at the Generator's site listed above and delivered without incident to the disposal facility listed below. SHIPMENT DATE DRIVER'S SIGNATURE **DELIVERY DATE** DRIVER'S SIGNATURE TRUCK TIME STAMP RECEIVING AREA 1997 OUT: IN: Name/No. Site Name/ Red Bluff Facility / STF-065 Permit No. 432-448-4239 Phone No. 5053 US Hwy 285, Orla, TX 79770 Address NORM READINGS TAKEN? (Circle One) YES NO If YES, was reading > 50 micro roentgents? (Circle One) NORM (mR/hr) Feet Inches 1st Guage BS&W (%) **BS&W Received** 2nd Guage Free Water Received **Total Received** I hereby certify that the above load material has been (circle one): ACCEPTED DENIED If denied, why? NAME (PRINT) SIGNATURE don Released to Imaging: 12/4/2024 4:27:45 PM Blue-TRANSPORTER Yellow - GENERATOR 308.R360-5160R

	CHEVRON MCBU								
	Carlsbad, NM								
NO #(	CAR- 7670 NON-HAZARI	DOUS WASTE	MANIFEST	1. PAC	GEOF	2. TRAIL	ER NO.		
	3. COMPANY NAME	4. ADDRESS			5. P	ICK-UP DATI	E		
G	CHEVRON CARLSBAD PHONE NO.		OMAS DR.		ZIP 6.				
E	575-887-5676		AD, NM 882						
L	7. NAME OR DESCRIPTION OF WASTE SHIP	PED:		8. CONT No.	AINERS Type	9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.	
N	a.								
	b			41.					
E	C.							MALERI	
R	d.:								
K	12. COMMENTS OR SPECIAL INSTRUCTION	S:				13. WASTE F	PROFILE N	IO.	
A									
	14. IN CASE C	OF EMERGENCY O	OR SPILL, CO	NTAC	T	24 HOUR	EMERGE	NGVNO	
T	CHEVRON CARLSBAD						-887-56		
0	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this co	onsignme	nt are full	y and accurate	ly describe	d above.	
U									
R	PRINTED TYPED NAME		SIGNATURE					DATE	
T	16. TRANSPORTER (1)		17.	TR	ANSPO	RTER (2)			
R A	NAME		NAME			13 P			
N S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E	MERGE	NCY CO	NTACT:			
P	EMERGENCY PHONE:		EMERGENCY	PHONE					
R	18. TRANSPORTER (1): Acknowledgment of	f receipt of material	19. TRANSP	ORTE	(2): Ack	nowledgment	of receipt of	f material	
T E	PRINTED/TYPED NAME		PRINTED/TYP	ED NAM	ME	UNITE	R.		
R	SIGNATURE	DATE	SIGNATURE _	9 11		t45	DATE	V-11-14	
	R360 Environmental Solutions 5053 US Hwy 285	ADDRESS:				PHONE			
D F I A	Orla, TX 79779					1/2 - /	1000	.9	
S C	PERMIT NO.		20. COMMENT	S					
P I O L	517-065			D. F					
S I A T	21. DISPOSAL FACILITY'S CERTIFICATION facility is authorized and permitted to receive suc		ify that the above	describe	d wastes v	vere delivered	to this facil	ity, that the	
LY	AUTHORIZED SIGNATURE		CELL NO.		DATE		TIM	E	
	Gora Dorot		D7 -		10.	1124	11	534	

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

GENERATOR: COPY 1 TRANSPORTER: COPY 2 DISPOSAL SITE: COPY 3 & 4

Received by OCD: 10/21/2024 .			MANIFEST  UIRED INFORMATION*	Name CENNED V
SOLUTIONS		morning baccampa a reporem	TOT ON SOIVORT - nothern	Phone No.
Operator No.	G	ENERATOR  Permit/RRC No.	ed results send N	0.355712
011-10	f attehore, provide the OCS numb ly o	Lease/Well	re Reilroud Commission par	Permittant 14 Dilla Victoria
Operators Name CHEVIC	o the Freid name and Block number	Name & No. County	op eaw attent out to the	County Well/Their County
	amber lime by	API No.	300194	9001
City, State, Zip	rednam (09) number	Rig Name & No. AFE/PO No.	торка ток подежностий эко	ATELITY No Provide sidne
EXEMPT	E&P Waste/Service Identification and A		waste type in barrels or cu	bic yards)
Oil Based Muds Oil Based Cuttings	NON-INJECTABLE WATERS Washout Water (Non-Injectab			STES (type and generation process of the was
Water Based Muds Water Based Cuttings	Completion Fluid/Flow Back (N Produced Water (Non-Injectab	Ion-Injectable)	while drilling the stall. • generated og Gascrig <del>ikets</del>	Drilling Wante generated for the Warte
Produced Formation Solids Tank Bottoms	Gathering Line Water/Waste (	Non-Injectable)	BELLY	Jan Duka pan
E&P Contaminated Soil Gas Plant Waste	INTERNAL USE ONLY Truck Washout (exempt waste		ed al pildy belige	nt doubte organism - TimmerT will -
WASTE GENERATION PROCESS:	DRILLING COMPLETI		CTION GAT	HERING LINES
AND AND AND ADDRESS OF THE PARTY OF THE PART	NON-EXEMPT E&P V	/aste/Service Identification and A	Amount	
Non-Exempt Other	npt E&P waste must be analysed and be belo		CLP), Ignitability, Corrosivity ad elect from <b>Non-Exempt Was</b>	
QUANTITY	B-BARRELS	atanwardt militad awards		ARDS 1 6 E-EACH
hereby certify that the above listed material(s)	, is (are) not hazardous waste as defined by	40 CFR Part 261 or any applicable		2-0
packaged, and is in proper condition for transport  RCRA EXEMPT:  Oil fit		a jum sagu sig mine uddigu	San managar antio 22 spilor	TOTAL VALUE OF THE STATE OF THE
	eld wastes generated from oil and gas explor pad basis only)	ration and production operation a	and are not mixed with non-exe	mpt waste (H360 Accepts certifications
	e as non-hazardous is attached. (Check the a S Information	RCRA Hazardous Waste Analysis	s 🔲 1	Other (Provide Description Below)
(PRINT) AUTHORIZED AGENTS S		DATE	SIGN	ATURE THE THE PARTY OF THE PART
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Address Management of the Address Management	non 10 =	Driver's Name Phone No.	112 M	C_Pull political based metallar
hone No.	17-0050	Truck No.	transport M - 90	orus Parent Carrietos
hereby certify that the above named material(s	) was/were picked up at the Generator's site	WHP No.	out incident to the disposal fac	ility listed below.
SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	1 1	DRIVER'S SIGNATURE
TRUCK TIME STAMP	DISPO		BEC	EIVING AREA
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ite Name/	ACT OCT			batsein ui si
ermit No. Red Bluff Facility ddress 5053 US Hwy 285		Phone No.	432-448-4239	ent Pertings = Resic audimont water, and oth
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nd Guage eceived		ton si-Nagri ny Parit y Wasania	Free Water Total Received	- Impountmooth
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NAME (PRINT)	DATE	TITLE	angitu ngo blo	SIGNATURE
Released to Imaging: 12/4/2024		TRANSPORTER YE	ellow - GENERATOR	308.R360-5
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circu	by OCD. 10/21/2024 1.33.12 1 M								uge 117 of
	CHEVRON MCBU								
Carlsbad, NM									
NO #	CAR- 7670 NON-HAZARI	DOUS WASTE	MANIFEST	1. PAC	GE	OF	2. TRAILE	R NO.	
-	3. COMPANY NAME	4. ADDRESS	OMAGER			5. PICK	C-UP DATE	15 1	1-24
G	CHEVRON CARLSBAD PHONE NO.	1000 0000	OMAS DR.		ZIP	6.		Q.	/ ~ /
E	575-887-5676		AD, NM 882						
	7. NAME OR DESCRIPTION OF WASTE SHIP	PPED:		8. CONT No.	TAINE Typ		TOTAL 10 UANTITY V	O. UNIT VT/Vol.	11.
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	12. COMMENTS OR SPECIAL INSTRUCTION	IS:				13.	WASTE PRO	OFILE N	O.
A	515 197-301	0							
-	14. IN CASE C	OF EMERGENCY (	OR SPILL, CO	ONTAC	T		24-HOUR EI	MERGEN	NCY NO
Т	CHEVRON CARLSBAD						575-8	887-56	76
O	15. GENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this co	onsignme	ent are	fully ar	id accurately	described	I above.
R	PRINTED TYPED NAME	ETFL	SIGNATURE	V				I	DATE
	CENTRY LICKEY			Ker	M		MICER	7	
T R	16. TRANSPORTER (1) NAME		NAME LIMINA EMARS IS P						
A N			7.46	and El	PCP.	1847	- )		
S	IN CASE OF EMERGENCY CONTACT:		IN CASE OF E	F EMERGENCY CONTACT:					
0	EMERGENCY PHONE:		EMERGENCY						
R	18. TRANSPORTER (1): Acknowledgment of		19. TRANSP			_	-	-01	fmaterial
E R	PRINTED/TYPED NAME		PRINTED/TYP						
S	SIGNATURE	DATE	SIGNATURE _	- us	ny	ICd	3 0	DATE	-11-24
D F	R360 Environmental Solutions 5053 US Hwy 285	ADDRESS:					PHONE:		
	Orla, TX 79779						432.40	18.42	38
I A S C P I O L	PERMIT NO. 5 7 F - 065		20, COMMENT	S					
S I A T	21. DISPOSAL FACILITY'S CERTIFICATION of actility is authorized and permitted to receive such		ify that the above	described	d waste	es were	delivered to	this facili	ty, that the
LY	AUTHORIZED SIGNATURE		CELL NO.		DA	ГЕ		TIME	E
	your Sour		D7		10	2-11-	24	11/:	5300

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

Received by OCD: 10/21/2024	1:53:12 PM EXAS NON-HAZARD	OUS OILFIELD WASTE MA	NIFEST, AND ADDRESS OF	Company Mager 120 of 14
ENVIRONMENTAL SOLUTIONS	(PI	LEASE PRINT) *REQUIR	ED INFORMATION*	Phone No.
Operator No.	GE	NERATOR Permit/RRC No.	NO. none number where the or	THE RESERVE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE PERSON NAME
Operators Name C_   H_E  Address	If offshore, provide the OCS nortkerp N L de une Feld name and block number	County	CIZADAS	Permitted No Provide County & No Provide County - Provide the net
ity, State, Ziphone No.	and well tume Authors Order (FU) number	API No Rig Name & No AFE/PO No	30018490	Hig Name & No Provide to Ma Provide e
Oil Based Muds	T E&P Waste/Service Identification and An NON-INJECTABLE WATERS			
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DUANTITY	B-BARRELS	Ing dityor nacling the vesito	Y-YARDS	
nereby certify that the above listed material	(s), is (are) not hazardous waste as defined by 40 portation according to applicable regulation.	CFR Part 261 or any applicable state	law. That each waste has be	en properly described, classified a
(PRINT) AUTHORIZED AGENTS	entro'i unilastimi	CRA Hazardous Waste Analysis	avv koron ()	(Provide Description Below)
ansporter's abig to abig portugue	TRAI	Driver's Name Phone No.	SIGNATURE 1000 I	Offshore District     Offshore District     Notice Based District     Wester Based Delta
one No.	97-0050	Truck No. WHP No.	M - 40	over Eugel Chilippa * Water Record Drill curries
ereby certify that the above named material SHIPMENT DATE	(s) was/were picked up at the Generator's site list	sted above and delivered without inc	Tumor	sted below.
TRUCK TIME STAMP N:OUT:	DISPOS	SAL FACILITY		NG AREA
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NORM READINGS TAK	The second of th	NORM (mR/hr)	micro roentgents? (Circle C	ne) YES NO
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d Guage Ceived	the state of the	1 31 116011 101 And	Received ree Water I Received	BS&W (%)
ereby certify that the above load material has	s been (circle one): ACCEPTED  DATE		ed, why?	SIGNATURE
Released to Imaging: 12/4/20. 499-0492			GENERATOR	308.R360-510

NO #CAR- 7665

PHONE NO.

7. NAME OR DESCRIPTION

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): 10/21/2024 1:53:12 PM						1	Page 121 of 1
	CHEV	RON					
	MCI	BU					
	Carlsba	d, NM					
7665 NON-HAZARI	DOUS WASTE N	MANIFEST	1. PAGE	OF	2. TRAII	LER NO.	
IPANY NAME CHEVRON CARLSBAD	4. ADDRESS 5301 L	OMAS DR.			CK-UP DAT	E 10.8	24
575-887-5676		тате AD, NM 8822	ZII O	6.			
ME OR DESCRIPTION OF WASTE SHIP	PED:	2200	CONTAI No.		9. TOTAL QUANTITY	10. UNIT WT/Vol.	11.
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1: 30015 49	001						
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MMENTS OR SPECIAL INSTRUCTION	1S:				3. WASTE	PROFILE	NO.
IN CASE (	OF EMERGENCY O	R SPILL, CON	NTACT				
HEVRON CARLSBAD						8 EMERGE 5-887-5	676
ENERATOR'S CERTIFICATION:	Hereby declare that the	contents of this con	signment	are fully	and accurate	ely describ	ed above.
ED TYPED NAME	KTEL	SIGNATURE		_	7		DATE

N E R 12. COMMENTS OR SPECI. A 14. T CHEVRON CARL 15. GENERATOR'S CEI 0 PRINTED TYPED NAME R TRANSPORTER (1) TRANSPORTER (2) T NAME Ne Nobb Four Incrs R A N S IN CASE OF EMERGENCY CONTACT: IN CASE OF EMERGENCY CONTACT: P EMERGENCY PHONE: **EMERGENCY PHONE:** O R 18. TRANSPORTER (1): Acknowledgment of receipt of material 19. TRANSPORTER (2): Acknowledgment of receipt of material T E PRINTED/TYPED NAME \_ R DATE SIGNATURE S SIGNATURE \_ PHONE: ADDRESS: R360 Environmental Solutions - Red Bluft DF 5053 US Highway 285 S C 20. COMMENTS PERMIT NO. Oria, TX 79770 432-448-4239 P I 0 L I S 21. DISPOSAL FACILITY'S CERTIFICATION: I Hereby certify that the above described wastes were delivered to this facility, that the T facility is authorized and permitted to receive such wastes. L Y TIME CELL NO. DATE **AUTHORIZED SIGNATURE** 

Disposal Site: Please complete Disposal Facility section at bottom of form and mail copy of completed form to Chevron Carlsbad 5301 Lomas Dr., Carlsbad, NM 88220

GENERATOR: COPY 1

TRANSPORTER: COPY 2

DISPOSAL SITE: COPY 3 & 4

R360	1:53:12 PM EXAS NON-HAZARDOL (PLE		ED INFORMATION*
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Operator No.		Permit/RRC No	Phone No Provide a piene member where the go
Operators Name	er it official provide the OCS number	Lease/Well Name & No.	Permitted Name Enter County and April 19
Address	Swider this spelid marms are Block released.	County	County - Previous the county is which the washs we
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hone No.	iodinum (cra), nome magnituri de	Rig Name & No AFE/PO No	AND WHITE OF ME PROVIDE WITH ANTERVALUE TO THE
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as Plant Waste	Truck Washout (exempt waste)		(not not shiftly builting at nothing grant of the language of
/ASTE GENERATION PROCESS: [	DRILLING COMPLETION	☐ PRODUCTION	GATHERING LINES
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on-Exempt Other	npt E&P waste must be analysed and be below th	reshold limits for toxicity (TCLP), I	gnitability, Corrosivity adn Reactivity,
		*please select	from Non-Exempt Waste List on back
JANTITY	B-BARRELS	t the driver handing the waste	Y-YARDS 20 E-EACH
reby certify that the above listed material(s kaged, and is in proper condition for transp	, is (are) not hazardous waste as defined by 40 CF	R Part 261 or any applicable state	law. That each waste has been properly described, classified
			e not mixed with non-exempt waste (R360 Accepts certification
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SHIPMENT DATE	DRIVER'S SIGNATURE	DELIVERY DATE	DRIVER'S SIGNATURE
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Name/ nit No. Red Bluff Facility	/STE OCE	= Pigging wastes from gathr	It is injected.
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### Appendix E

NMOCD Correspondence

SIGN-IN HELP

Searches

**Operator Data** 

**Hearing Fee Application** 

### **OCD Permitting**

Home Op

Operator Data

Action Search Results

Action Status Item Details

### [NOTIFY] Notification Of Sampling (C-141N) Application

### **Submission Information**

Submission ID:

390909

Districts:

Artesia

Operator:

[4323] CHEVRON U S A INC

Counties:

Eddy

Description:

CHEVRON U S A INC [4323] , CICADA UNIT #051H , nAPP2412237579

Status:

APPROVED

Status Date:

10/08/2024

References (2):

30-015-49001, nAPP2412237579

### **Forms**

This application type does not have attachments.

### Questions

### Prerequisites

Incident ID (n#)

nAPP2412237579

Incident Name

NAPP2412237579 CICADA UNIT #051H @ 30-015-49001

Incident Type

Fire

Incident Status

Initial C-141 Approved

Incident Well

[30-015-49001] CICADA UNIT #051H

### Location of Release Source

Site Name

Surface Owner

CICADA UNIT #051H

Date Release Discovered

04/30/2024 Federal

### Sampling Event General Information

Please answer all the questions in this group.

What is the sampling surface area in square feet

400

What is the estimated number of samples that will be gathered

\_

19.15.29.12 NMAC

10/10/2024

19.15.29.12 NMAC

Time sampling will commence

04:00 PM

### Warning: Notification can not be less than two business days prior to conducting final sampling.

Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of

Please provide any information necessary for observers to contact samplers

Matt Castrejon – 432-305-6660 – matthew.castrejon@tetratech.com

Please provide any information necessary for navigation to sampling site

32.064536,-104.183028

SIGN-IN HELP

		Searches	Operator Data	Hearing Fee Application
Comments				
No comments found	for this submission.			
Conditions				
Summary:	klincoln (10/8/2024), Failure to notify the OCD of sampling events including any or remediation closure samples not being accepted.	changes in date/time per the r	equirements of 19.15.29.1	2.D.(1).(a) NMAC, may result in the
Reasons				
No reasons found for	this submission.			
Go Back				

New Mexico Energy, Minerals and Natural Resources Department | Copyright 2012 1220 South St. Francis Drive | Santa Fe, NM 87505 | P: (505) 476-3200 | F: (505) 476-3220

EMNRD Home OCD Main Page OCD Rules Help

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS

Action 394200

### **QUESTIONS**

Operator:		OGRID:
ı	CHEVRON U S A INC	4323
ı	6301 Deauville Blvd	Action Number:
ı	Midland, TX 79706	394200
ı		Action Type:
ı		[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Prerequisites				
Incident ID (n#)	nAPP2412237579			
Incident Name	NAPP2412237579 CICADA UNIT #051H @ 30-015-49001			
Incident Type	Fire			
Incident Status	Remediation Closure Report Received			
Incident Well	[30-015-49001] CICADA UNIT #051H			

Location of Release Source				
Please answer all the questions in this group.				
Site Name	CICADA UNIT #051H			
Date Release Discovered	04/30/2024			
Surface Owner	Federal			

ncident Details					
Please answer all the questions in this group.					
Incident Type	Fire				
Did this release result in a fire or is the result of a fire	Yes				
Did this release result in any injuries	No				
Has this release reached or does it have a reasonable probability of reaching a watercourse	No				
Has this release endangered or does it have a reasonable probability of endangering public health	No				
Has this release substantially damaged or will it substantially damage property or the environment	No				
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No				

Nature and Volume of Release					
Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.					
Crude Oil Released (bbls) Details	Not answered.				
Produced Water Released (bbls) Details	Not answered.				
Is the concentration of chloride in the produced water >10,000 mg/l	No				
Condensate Released (bbls) Details	Not answered.				
Natural Gas Vented (Mcf) Details	Not answered.				
Natural Gas Flared (Mcf) Details	Not answered.				
Other Released Details	Cause: Equipment Failure   Motor   Motor Oil   Released: 0 GAL   Recovered: 0 GAL   Lost: 0 GAL.				
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	This was a fire that occurred on equipment with all visible impact to the pad being a combination of ash and water used to put fire out.				

Phone: (505) 629-6116
Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

QUESTIONS, Page 2

Action 394200

QUESTI	ONS (continued)			
Operator:	OGRID:			
CHEVRON U S A INC	4323			
6301 Deauville Blvd Midland, TX 79706	Action Number:			
Wildiand, 1A 79700	394200			
	Action Type:  [C-141] Remediation Closure Request C-141 (C-141-v-Closure)			
QUESTIONS				
Nature and Volume of Release (continued)				
Is this a gas only submission (i.e. only significant Mcf values reported)	More info needed to determine if this will be treated as a "gas only" report.			
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes			
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.			
With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e.	e. gas only) are to be submitted on the C-129 form.			
Initial Response  The responsible party must undertake the following actions immediately unless they could create a s	afety hazard that would result in injury.			
The source of the release has been stopped	True			
The impacted area has been secured to protect human health and the environment	True			
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True			
All free liquids and recoverable materials have been removed and managed appropriately	True			
If all the actions described above have not been undertaken, explain why	Not answered.			
	ation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative ted or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of valuation in the follow-up C-141 submission.			
to report and/or file certain release notifications and perform corrective actions for releathe OCD does not relieve the operator of liability should their operations have failed to a	knowledge and understand that pursuant to OCD rules and regulations all operators are required ases which may endanger public health or the environment. The acceptance of a C-141 report by adequately investigate and remediate contamination that pose a threat to groundwater, surface to does not relieve the operator of responsibility for compliance with any other federal, state, or			
I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 05/06/2024			

Phone: (505) 629-6116

**Energy, Minerals and Natural Resources Oil Conservation Division** Online Phone Directory https://www.emnrd.nm.gov/ocd/contact-us 1220 S. St Francis Dr.

QUESTIONS, Page 3

Action 394200

**QUESTIONS** (continued)

**Santa Fe, NM 87505** 

**State of New Mexico** 

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	394200
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Site Characterization					
lease answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the elease discovery date.					
What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 26 and 50 (ft.)				
What method was used to determine the depth to ground water	NM OSE iWaters Database Search				
Did this release impact groundwater or surface water	No				
What is the minimum distance, between the closest lateral extents of the release ar	nd the following surface areas:				
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)				
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Greater than 5 (mi.)				
An occupied permanent residence, school, hospital, institution, or church	Greater than 5 (mi.)				
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)				
Any other fresh water well or spring	Between ½ and 1 (mi.)				
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)				
A wetland	Between 1 and 5 (mi.)				
A subsurface mine	Greater than 5 (mi.)				
An (non-karst) unstable area	Greater than 5 (mi.)				
Categorize the risk of this well / site being in a karst geology	Medium				
A 100-year floodplain	Between ½ and 1 (mi.)				
Did the release impact areas not on an exploration, development, production, or storage site	No				

Remediation Plan		
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.		
Requesting a remediation	plan approval with this submission	Yes
Attach a comprehensive report de	monstrating the lateral and vertical extents of soil contamination a	associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.
Have the lateral and vertical	l extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area		No
Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)		
Chloride	(EPA 300.0 or SM4500 CI B)	1000
TPH (GRO+DRO+MRO)	(EPA SW-846 Method 8015M)	582
GRO+DRO	(EPA SW-846 Method 8015M)	582
BTEX	(EPA SW-846 Method 8021B or 8260B)	0
Benzene	(EPA SW-846 Method 8021B or 8260B)	0
Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.		
On what estimated date will the remediation commence		10/07/2024
On what date will (or did) the final sampling or liner inspection occur		10/08/2024
On what date will (or was) the remediation complete(d)		10/14/2024
What is the estimated surface area (in square feet) that will be reclaimed		14850
What is the estimated volume (in cubic yards) that will be reclaimed		490
What is the estimated surface area (in square feet) that will be remediated		14850
What is the estimated volume (in cubic yards) that will be remediated 49		490
These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.		

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 4

Action 394200

**QUESTIONS** (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	394200
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Remediation Plan (continued)	
Please answer all the questions that apply or are indicated. This information must be provided to the	appropriate district office no later than 90 days after the release discovery date.
This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:	
(Select all answers below that apply.)	
(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	Not answered.
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
<b>OR</b> is the <b>off-site</b> disposal site, to be used, out-of-state	Yes
In which state is the disposal taking place	Texas
What is the name of the out-of-state facility	R360 Environmental Solutions Red Bluff Facility
OR is the off-site disposal site, to be used, an NMED facility	Not answered.
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	Not answered.
(In Situ) Soil Vapor Extraction	Not answered.
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	Not answered.
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	Not answered.
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	Not answered.
Ground Water Abatement pursuant to 19.15.30 NMAC	Not answered.
OTHER (Non-listed remedial process)	Not answered.

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

Name: Kennedy Lincoln Title: Environmental Specialist I hereby agree and sign off to the above statement Email: kennedy.lincoln@chevron.com Date: 10/21/2024

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to

significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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

QUESTIONS, Page 5

Action 394200

**QUESTIONS** (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	394200
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Deferral Requests Only	
Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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

QUESTIONS, Page 6

Action 394200

**QUESTIONS** (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	394200
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Sampling Event Information		
Last sampling notification (C-141N) recorded	390909	
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	10/10/2024	
What was the (estimated) number of samples that were to be gathered	2	
What was the sampling surface area in square feet	400	

Remediation Closure Request		
Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.		
Requesting a remediation closure approval with this submission	Yes	
Have the lateral and vertical extents of contamination been fully delineated	Yes	
Was this release entirely contained within a lined containment area	No	
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes	
What was the total surface area (in square feet) remediated	14850	
What was the total volume (cubic yards) remediated	490	
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes	
What was the total surface area (in square feet) reclaimed	14850	
What was the total volume (in cubic yards) reclaimed	490	
Summarize any additional remediation activities not included by answers (above)	Remediation activities were conducted by Tetra Tech and the remediation subcontractor McNabb Partners (McNabb) from October 7, 2024, through October 14, 2024. A 6-inch surface scrape was conducted in the areas surrounding the initial confirmation samples (SS-1 and SS2) to remove any impacted soil remaining at the Site. Approximately 490 cubic yards of impacted material was transported to R360 Environmental Solutions Red Bluff Facility in Orla, Texas.	

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

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

I hereby agree and sign off to the above statement	Name: Kennedy Lincoln Title: Environmental Specialist Email: kennedy.lincoln@chevron.com Date: 10/21/2024
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# State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. Santa Fe, NM 87505

QUESTIONS, Page 7

Action 394200

QUESTIONS (continued)

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	394200
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### QUESTIONS

Reclamation Report		
Only answer the questions in this group if all reclamation steps have been completed.		
Requesting a reclamation approval with this submission	No	

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

CONDITIONS

Action 394200

### **CONDITIONS**

Operator:	OGRID:
CHEVRON U S A INC	4323
6301 Deauville Blvd	Action Number:
Midland, TX 79706	394200
	Action Type:
	[C-141] Remediation Closure Request C-141 (C-141-v-Closure)

### CONDITIONS

Created By		Condition Date
scott.rodgers	This Remediation Closure Report is approved. Areas reasonably needed for production or subsequent drilling operations will need to be reclaimed and revegetated as soon as they are no longer reasonably needed. A report for reclamation and revegetation will need to be submitted and approved prior to this incident receiving the final status of "Restoration Complete".	12/4/2024